

GENERAL MAINTENANCE



CRUDE OIL TANK CONSTRUCTION



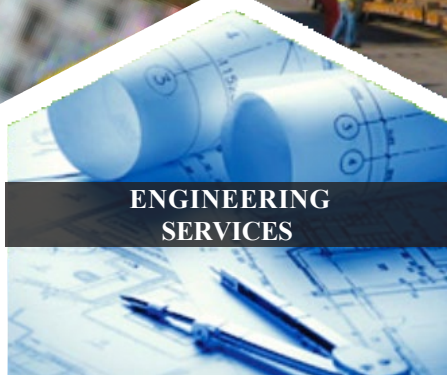
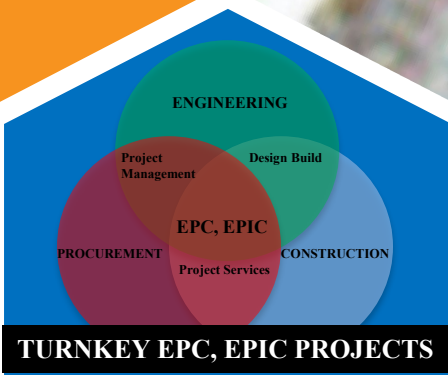
CONSTRUCTION
PIPELINES,
TRUNKLINES, OIL &
GAS FACILITIES



MANPOWER SUPPLY



SUPPLY CHAIN SERVICES



ENGINEERING SERVICES



ENERGY SERVICES

PROVIDING QUALITY-ORIENTED SOLUTIONS TO OIL, GAS & ENERGY INDUSTRY

COMPANY PROFILE

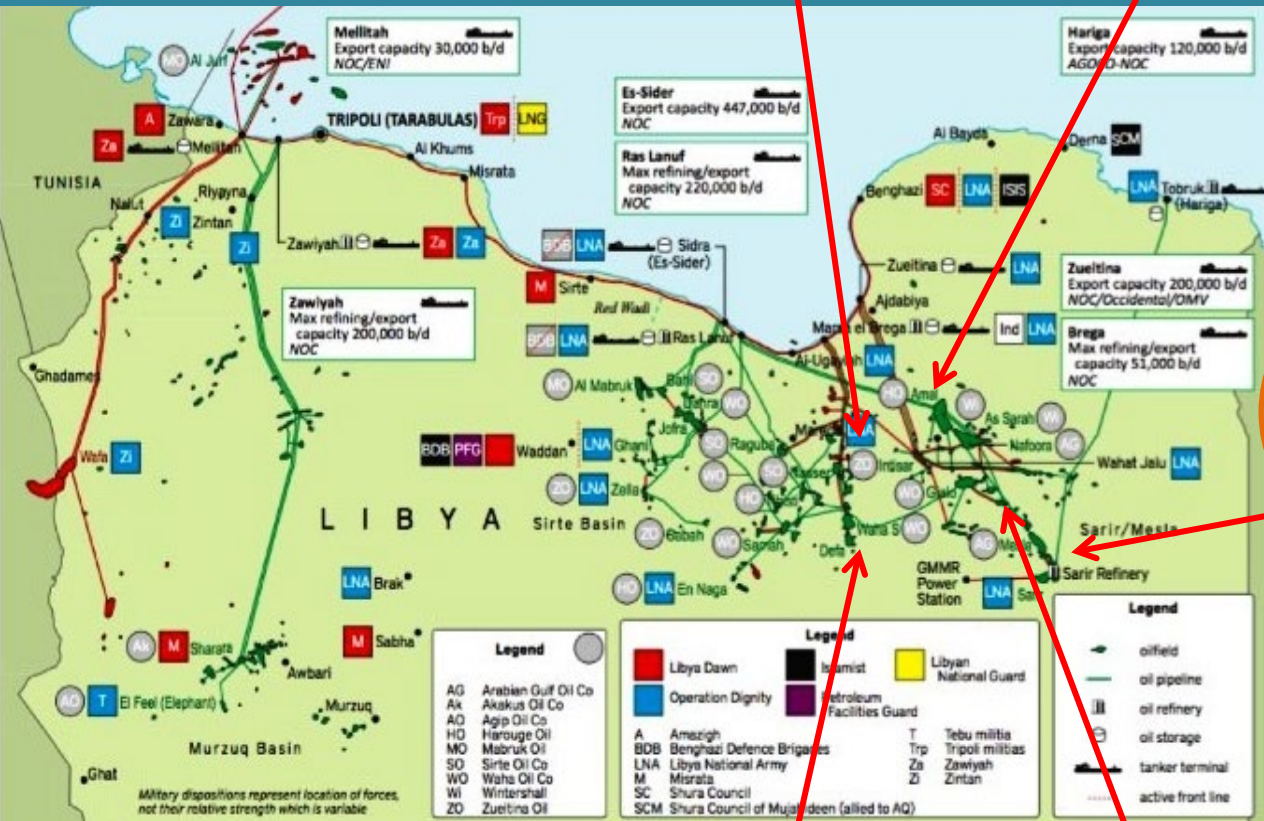
2023



www.baderoya.com

GHANI FIELD CAMP

AMAL FIELD CAMP



SARIR CAMP



WAHA CAMP



GIALO A100 CAMP

BaderOya Oilfield Services and Energy (BOS) was established in year 2012 where its goal is to provide products and services to Oilfield: such as EPC Projects, Engineering And Design, Pipelines and Trunklines Construction, Operations & Maintenance and Energy Services, Tank Repair and Re-construction, Procurement, (Materials, Spare Parts) and Manpower Supply to Oil & Gas Industry. Also, our aim is to provide excellence of our knowledge and wide range of proven expertise to rebuild a nation and to deliver our expertise and technical know-how based on the years of experience to our countrymen and to the next generation of Libya.

In order for BOS to provide and maintain the highest quality in today's market, it has to have an experienced leadership, the knowledge in Engineering Design, Construction, Procurement and Operations and Maintenance activities Energy Services using the latest Softwares, Tools and Equipment and Modern Technology, In addition to be aware of the updated industry codes; therefore, its mandatory in today's world for BOS to adopt a comprehensive Quality, Health, Safety, Environment Integrated Management System (QHSE IMS) which, will automatically result in better product/service with high quality in a timely completion time and increased profitability for BOS.

Our trademarks are four core competences, and we utilize each of them for our customer's success. Yet it is first and foremost the outstanding combination of these that makes us stand out from our competitors and allows us to translate our ideas into successful projects. At the same time, each project comes with its own new challenges. The solutions are anchored in our competence set.



PROJECT DEVELOPMENT

For our projects line, we operate as the general contractor developing projects from the very beginning. The basis is formed by our customer's requirements and options in their respective countries.

INTEGRATION OF EXPERTS

For our projects, we bring together wide range of professionals and by coordinating on how all these individuals interact; we safeguard the high quality of services we create together.

PROJECT MANAGEMENT

Our flexible well developed organization abroad with its active networks and professional systems, help us to react spontaneously to the requirements of complex projects.

INTEGRATION OF SYSTEMS

All of our services depend upon deep understanding of complex activities and integration of state of the art technologies. Our competence lies in minimizing the complexity of associated processes for our customers.

Based on these Core-Competences and Quality Management principles, all parts of BaderOya are organized and motivated to think and act as to promote and apply quality rules and procedures in activities such as:

Organization of the Company, Clear working sequences, Optimization of the quality costs and Competition capability. Furthermore, it is ensured that the quality requirements of BaderOya's Clients will be fulfilled including the adoption of the leading edge market competition is taken into account.

STRATEGIC VISION

Our Strategic Vision is to become "Leading Oilfield & Energy Services Provider in Libya"

STRATEGIC MISSION

To achieve our Strategic Vision, we define our mission as "to continuously focus on building and developing motivational and functional organizational structure while improving our operational excellences and building strong but long-term relations with our clients.

STRATEGY

Our Strategy is to listen and understand the need of Customer to conceptualise the solution in collaboration with them. Our integrated team work seamlessly to execute the solution complying with local and international regulations and respecting the environment. Successful Engineering, Construction and Maintenance project execution is measured against the following key factors:

1. Zero Incidents or Accidents. Health, Safety, Security, and the Environment is of paramount importance
2. Zero Defects. Quality Assurance & Control, a series of quality checks in order to capture issues early.
3. On Time and within Budget.

VISION

We strive to be recognized as “Leading Oilfield Services in EPC Projects, engineering design, Pipeline Construction, General Maintenance Services, Tank Repair and Re-construction, Procurement, (Materials, Spare Parts) and Manpower Supply to Oil & Gas Industry”

MISSION

We endeavour to conduct business in a transparent manner adhering to the national, international standards and best practices; and developing motivational and functional organizational structure while improving our operational excellences and building strong long-term relations with our clients. We support our customers in enhancing profitability without compromising on Quality Health, Safety and Environment.

VALUES

- fairness
- Honesty
- Integrity
- loyalty,
- Flexibility
- Social Responsibility

OBJECTIVE

- The objective of BOS is to be the recognized leader in EPC Projects, engineering design, Pipeline Construction, General Maintenance Services, Tank Repair and Re-construction, Procurement, and Manpower Supply to Oil & Gas Industry by upholding the values of fairness, honesty, and integrity.
- Providing client with high quality service in a manner that is both safe and sustainable.
- Financially stable in the interest of all Interested parties.

BOS TRADEMARKS

Our trademarks are four core competences, and we utilize each of them for our customer’s success and they are:

1. **Project Development**
2. **Integration Of Experts**
3. **Project Management**
4. **Integration Of Systems**

CERTIFIED BOS ACTIVITIES

- Oil and Gas, EPC Projects, engineering design and Consultancy , Pipeline Construction, General Maintenance Services, Tank Repair and Re-construction,
- Supply the Oil & Gas Industry with integrated Group Experiences in Construction and Maintenance Activities and able to provide a complete Services and solutions for Oil & Gas Industries.
- Oil, Energy and Gas Fields, Services and Utilities
- Training on the Development of Personal Competencies
- Heavy Machines and Machinery Repairing and Maintenance
- Marketing Management
- Procurements Management (Supply, Storage and Transport).

Our aim is to provide excellence of our knowledge and wide range of proven expertise to rebuild a nation and to deliver our expertise and technical know-how based on the years of experience to our countrymen and to the next generation of Libya.

BOS operates a Quality, Health, Safety and Environment Integrated Management System (QHSE IMS), which complies with the requirements of ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018. The overall aim of this System is to demonstrate that the QHSE IMS is in accordance with ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018, where ISO Certifications were achieved in 14/10/2021 for (3) years and the expiration date is 14/10/2024 (copy attached).

QHSE IMS is a series of policies and procedures developed in house in accordance with internationally accepted standard ISO 9001 Quality Management Systems, ISO 14001 Environmental Management Systems and the ISO 45001 Occupational health and safety management systems which, when combined, form the system for managing QHSE within the BOS, in compliance with the client requirement and legislation. Also, Risk assessment is carried out and full details of risk assessment and methodology adopted are detailed within that BOS system

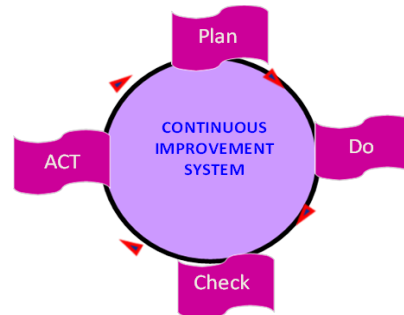


COMPLIANCE TO QHSE IMS

Our business processes are based on the principles of appreciating the surroundings. We consider QHSE (Quality, Health, Safety & Environment) integrated management system and associated objectives and targets as a core value, and it is part of BOS each business functions. We make every effort to attain a zero Lost Time Injury (LTI) and zero-injury zone with prime focus on safeguarding the environment based on the following principles:

- ✓ QHSE IMS is Paramount in design and construction as well as inside / outside the workplace

- ✓ deliver high-value “quality first”, on-time and compliant products/services; engage customers; develop measures for improvement; track and drive defects and opportunities through a robust tracking program.
- ✓ Achieving Safety Targets through training & competence, HSE Surveillance & Audits and HSE Performance & Records
- ✓ Health, safety, environment and resource conservation to remain critical consideration for all business activities
- ✓ Aim to incorporate Lessons Learnt as an opportunity for continual improvement to enhance best practices and protect the environment
- ✓ Open to adopt the specific QHSE requirements from our customers



Continuous Improvement (CI)

is essential to the long-term survival of any company and should be an integral part of everything the company does. To facilitate continuous improvement, business processes should be structured in a logical sequence of planning, Doing, Checking and analysis to obtain improvement.

This process management cycle can be applied at any level, to individual activities involving few staff and simple tasks, or to the company. The CI System for the Management System should be based on Deming cycle (PDCA).

Plan: Identifying and analyzing the problem.

Do: Developing and testing a potential solution.

Check: Measuring how effective the test solution was and analyzing whether it could be improved in any way.

Act: Implementing the improved solution fully.



QHSE IMS POLICY STATEMENT
BaderOya Oilfield Services and Energy (BOSE) provides outstanding products and services that meet customer expectations and requirements. We operate with passionate focus on Quality, Health, Safety, Environmental (QHSE) responsibility, and advanced information systems. We promote a culture of teamwork, compliance, and continual improvement.

QUALITY POLICY STATEMENT
BaderOya Oilfield Services and Energy (BOSE) specializes in EPC projects, design, Construction, procurement, Operation and Maintenance, Energy Services, Manpower Supply, New Pipelines, Trunk Line, Oil Tanks, and Infrastructure for Oil and Gas Sector. The nature of the BOSE activities places particular emphasis on experience, expertise, capability, performance, loyalty, reliability and quality.

HSE POLICY STATEMENT
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ENVIRONMENT POLICY STATEMENT
BaderOya Oilfield Services and Energy (BOSE) specializes in EPC projects, design, Construction, procurement, Operation and Maintenance, Energy Services, Manpower Supply, New Pipelines, Trunk Line, Oil Tanks, and Infrastructure for Oil and Gas Sector. The nature of the BOSE activities places particular emphasis on experience, expertise, capability, performance, loyalty, reliability and quality.

SECURITY POLICY STATEMENT
BaderOya Oilfield Services and Energy (BOSE) provides outstanding products and services that meet customer expectations and requirements. We operate with passionate focus on Quality, Health, Safety, Environmental (QHSE) responsibility, and advanced information systems. We promote a culture of teamwork, compliance, and continual improvement.

NO SMOKING POLICY STATEMENT
BaderOya Oilfield Services and Energy (BOSE) provides outstanding products and services that meet customer expectations and requirements. We operate with passionate focus on Quality, Health, Safety, Environmental (QHSE) responsibility, and advanced information systems. We promote a culture of teamwork, compliance, and continual improvement.

DRIVING POLICY STATEMENT
BaderOya Oilfield Services and Energy (BOSE) provides outstanding products and services that meet customer expectations and requirements. We operate with passionate focus on Quality, Health, Safety, Environmental (QHSE) responsibility, and advanced information systems. We promote a culture of teamwork, compliance, and continual improvement.

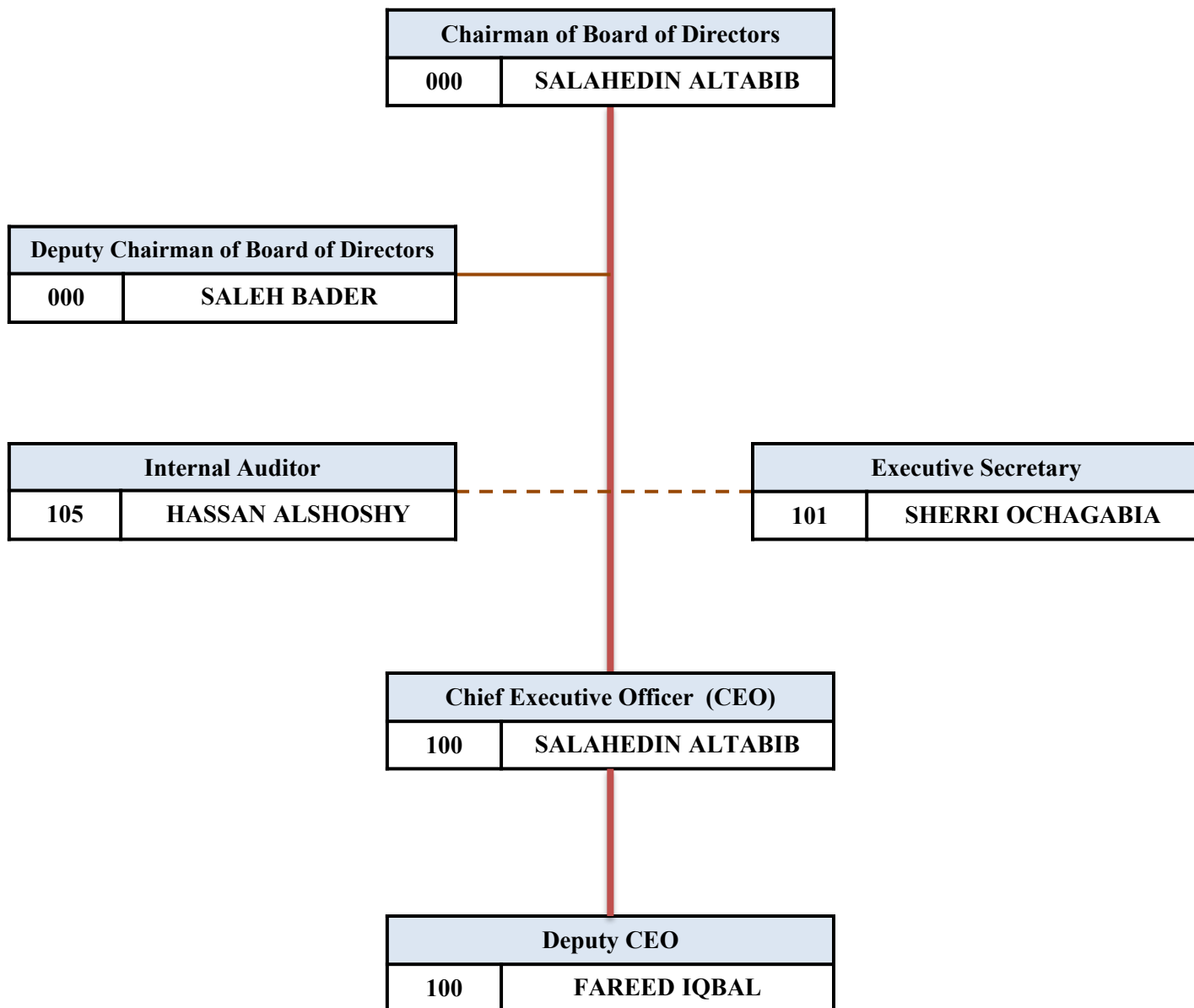
SUBSTANCE ABUSED POLICY STATEMENT
BaderOya Oilfield Services and Energy (BOSE) provides outstanding products and services that meet customer expectations and requirements. We operate with passionate focus on Quality, Health, Safety, Environmental (QHSE) responsibility, and advanced information systems. We promote a culture of teamwork, compliance, and continual improvement.

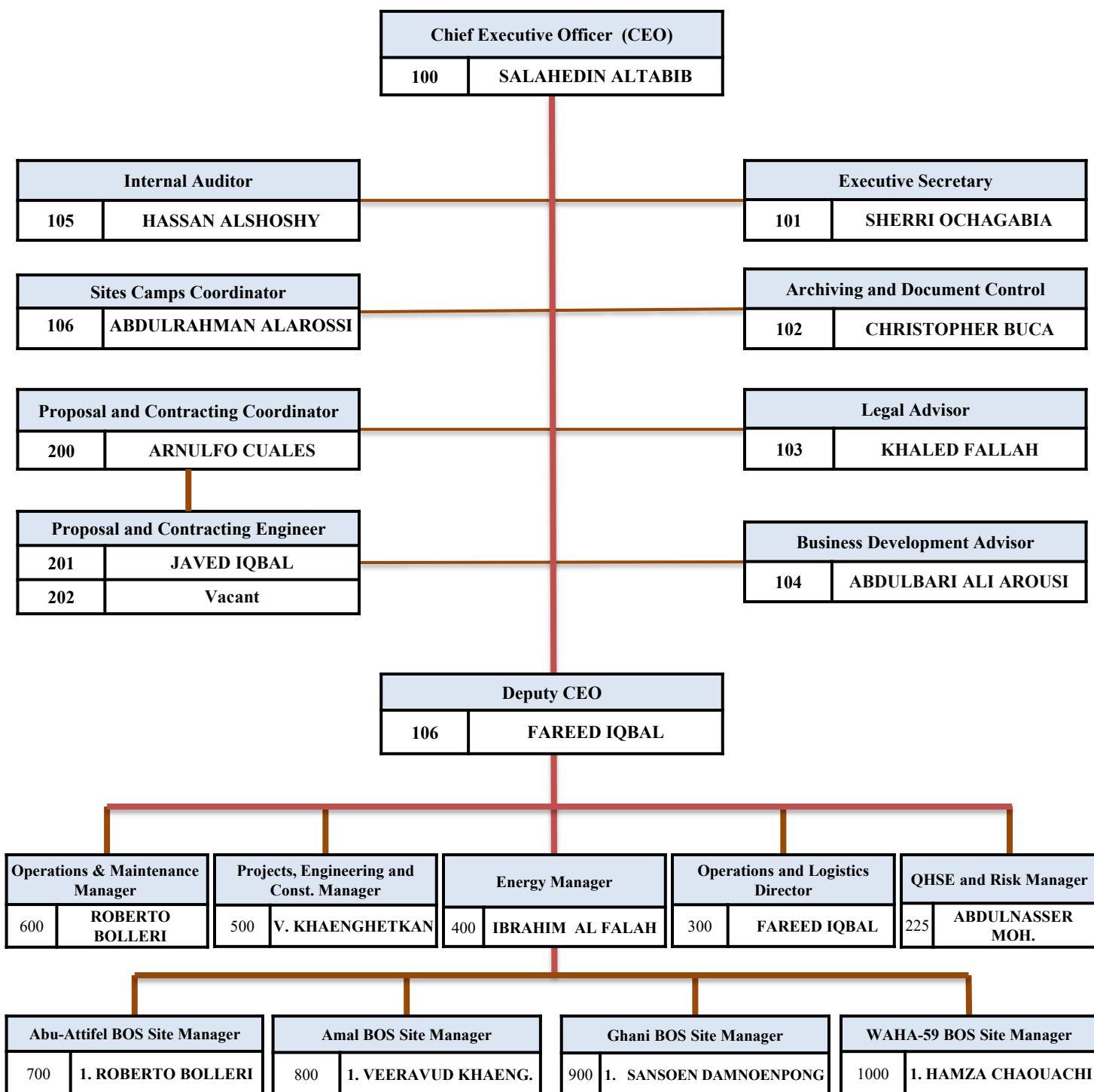
ICT USAGE SECURITY POLICY STATEMENT
BaderOya Oilfield Services and Energy (BOSE) provides outstanding products and services that meet customer expectations and requirements. We operate with passionate focus on Quality, Health, Safety, Environmental (QHSE) responsibility, and advanced information systems. We promote a culture of teamwork, compliance, and continual improvement.

Software
Employees must use only software that is authorized by BOSE on computers. Unauthorized software must be used in accordance with the software supplier's licensing agreement. All software on BOSE computers must be approved and installed by the BOSE ICT team. End users are not allowed to install any Software on their computers or store personal files such as music, videos, photographs, or games on BOSE ICT equipment.

BOSS STRATEGICAL DIRECTION AND BELIEFS STATEMENT
STRATEGY
BaderOya Oilfield Services and Energy (BOSE) Strategy is to listen and understand the need of Customer to conceptualize the solution in collaboration with them. Our integrated team work assembly to execute the solution comprising with local and international standards and regulations and respecting the quality, health, safety, and environment. Successful execution of EPC, design, Construction, procurement, Operation and Maintenance, Energy Services, Manpower Supply, New Pipelines, Trunk Line, Oil Tanks, and Infrastructure for Oil and Gas Sector is measured against the following key factors:

flexibility, and Social Responsibility; complying with ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018, and in accordance with the relevant specifications, standards of QHSE legislation.
Providing client with high quality product and services to a manner that is both safe and sustainable, while ensuring the respect of regulatory with clients.
The requirements of the Client will be determined, reviewed, and monitored from (Proposed) tender stage to final completion of the project, by analyzing customer feedback data, internal performance data, financial performance data and business performance data to ensure that our QHSE IMS Objectives are being met.





BaderOya Oilfield Services and Energy has integrated the Group Experiences in Construction and Maintenance Activities and able to provide a complete Services and solutions for Oil & Gas Industries. The Company has become an Organization that can cope with challenges such as increased competition and market volatility while providing high quality services with strong commitments to clients.

BaderOya Oilfield Services and Energy diverse backgrounds have staff that can assist clients with Engineering Design, Detailed Design, Procurement, Project Management and Maintenance Services. We can offer also complete services in overhauling Rotating Engine gas or diesel. Company Staff and the Owners have significant experience working in the Oil & Gas Industry in Libya and other countries.

OUR STAFFS ARE ENGINEERS, SKILLED WORKERS, SEMI-SKILLED AND UN-SKILLED WORKER, AS LISTED BELOW:

- QA/QC Engineer
- HSE Engineer
- Mechanical Engineer
- Civil Engineer
- Civil Draftsman
- Mechanical Draftsman
- Technical Engineer
- Plant Engineer
- Supervisor
- Piping Foreman
- Quantity Surveyor
- Land Surveyor
- Planner
- Welders Tig/Smaw
- Pipefitters
- Civil steel fixer
- Steel carpenters
- Insulators
- Scaffolders
- Blaster and Painters
- Civil Wood Carpenters
- Civil Mason
- Plumbers
- Storeman
- H.D Engine Mechanics
- Lathe Operator
- HVAC Technician
- Electrical technician
- Instrument Technician
- Auto Electrician
- Piping Engineering Design
- H.D. Operators
- H.D Drivers
- Pick up Drivers
- Cook
- General Helpers

Furthermore, BaderOya Oilfield Services and Energy have some Engineering, Procurement and Technical Support Companies working together in order to be able to offer full package of services to our clients.

These Engineering, Procurement and Technical Support Companies are:

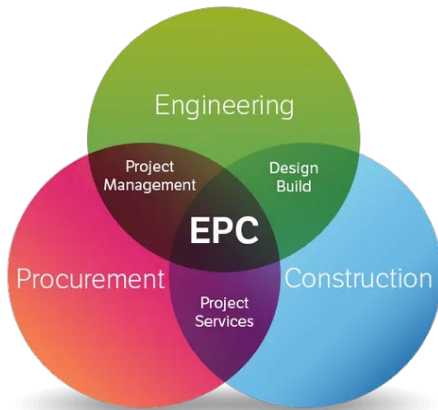
- ❑ **UNION TECHNIC s.r.l** - An Italian Company specialized in Integrated Engineering Project Services for the Oil and Gas Sector. Provide multidisciplinary Engineering Solutions: Engineering Consulting and Design, Procurement & Logistics Management.
- ❑ **TECNALFA ENGINEERING** - The core business is the design of systems for the production of energy from renewable sources, such as geothermal, wind and hydroelectric power, the design of plants for the oil and gas industry, and civil infrastructures.
- ❑ **MAIKANA for Electrical and Automation Services** - Specialize in design, Development, Consulting, Installation and Technical support of process automation facilities, systems integration, process flow measurement, tank gauging and PLC based fire & gas systems.



- Libyans
- Italians
- Thai's
- Pakistanis
- Filipinos
- Bangladeshi
- Chadians
- Ghanaian
- Tunisian
- Nigerian
- Egyptian
- Syrian
- Sudanese
- Indian's

EPC CONTRACTOR

BaderOya is responsible for the entire project lifecycle, from engineering and design to procurement of materials and construction, as well as commissioning and project handover. Furthermore, we provides a comprehensive, turnkey solution, overseeing and managing all aspects needed to deliver a successful project to the client.



GENERAL MAINTENANCE SERVICES

We offer daily, monthly, and yearly maintenance services for peak performance such as:



- Pipeline Maintenance and Replacement
- Vessel's General Inspection and Maintenance
- Storage tanks inspection and maintenance
- operational valves general overhauling and calibration
- Rotating equipment power generation generators general maintenance such as diesel and gas
- General maintenance and upgrading of any structure and recondition and recoating of any metal corroded surface.
- Routine maintenance to the oilfield.
- Painting and coating activities.

- Replacement of any corroded Flow lines and trunk lines.
- Prompt Intervention for any Leakage.
- Installation of new lines /apparatus/ Equipment.
- Inspection internally, cleaning, thickness measurement, re-coating with special paint, hydro test to the shell and tubing boundless of any Separators, exchanger etc.
- General overhauling at 12000/24000 working hours of any Generators gas and diesel ncluding supply any missing parts
- General maintenance and upgrading to any infrastructure.
- Re-condition any concrete man facts corroded.
- Revamping of Oil wells bound walls.
- Preparation of new location for drilling operations.
- Recovery of any spillage of crude oil.
- Vehicle maintenance.
- Supply any skill and unskilled manpower.
- Supply any kind of equipment.
- Certified as third party any lifting equipment.
- Sand Removal from any production installation

CONSTRUCTION SERVICES

BaderOya have the capability to carry out any construction activities for new installation in oilfield industry such as:

- Repair and Re-construction of Crude Oil Tank



- Water Storage Tank, New Pipelines for oil, gas and water
- Flow lines and Trunk lines
- Civil Structure or Infrastructure in oilfield like Accommodation, offices, roads, Air strip, new production units
- New Airstrip in calcareous material 1000mt length
- New location for drilling operations
- New installation for early production facilities such as EPC
- New base for drilling and exploration services
- Construction of any type of utilities and facilities required by oil companies
- Supply and installation of new live camp in host remote area turnkey project including design and engineering



- Preparation for new mud pit with new system where all the sediments of drilling shall be contained in special basin to avoid any pollution with the natural soil in accordance with the environmental laws and regulation.
- Prompt intervention where spillage or leakage of crude oil occurs by recovering the crude and decontamination of the contaminated soil.
- Construction of hangar steel structure or concrete frame structure including engineering design.
- Rebuilding damaged sand bound wall by using oily sand or calcareous material.
- Reactivation of abandon remote manifold satellite station.
- BaderOya manpower is based on professional and skilled workers from diverse nationalities with years of extensive experience.



ENGINEERING SERVICES

We provide all kind of Engineering & Projects Management Services for Construction and Maintenance of infrastructure projects for Oil & Gas fields. Equipped with state of the art technologies and proven project management methodologies, we are ready to handle any kind of small to medium size projects in oilfield industries.

Our technical partnership contract with a European Engineering firm has increased our potential to efficiently handle complex engineering projects. Within this perspective, BaderOya today is capable of executing operations related with following fields:

- Process
- Mechanical Piping Works
- Civil structure and infrastructure
- Electrical / Instrumentation Engineering Works
- Steel structure Engineering Works
- Residential / Estate Development



ENGINEERING CORE FUNCTIONS

The aim of our company will be to achieve quality through integrating high technology and established managerial disciplines.

Our engineering base will be delivered into following four departments while enabling them to fully benefit from each other to cover all requirements during engineering activities.

- Engineering Department
- Planning and Tendering Department
- Procurement Department
- Market Research Department

ENGINEERING DEPARTMENT



- Engineering department will be divided into five sub-units. Each one will be dedicated to its own specialization.
- Each sub-unit will have dedicated personnel referring to a project manager.
- Each sub-unit will be provided with all the necessary hardware and software.
- The personnel will be carefully selected and only expert and specialized people will be employed
- This department will be composed by a Planner and Engineers
- The Planner will be responsible in preparing the project schedule issued for offer or issued for construction.
- The proposal Engineers with the support of quantity surveyor and procurement department will prepare the technical proposal.
- The final draft of commercial offer will be prepared and will be issued by the top management for final review and approval

MARKET RESEARCH



- This department will be in charge to follow up all the information sources to constantly check the announcement of new projects.
- Main target of this department is to obtain a very large range of potential projects.
- This department will also work to include the contractor in the main company vendor and supplier lists.
- Once a potential project will be defined as target, this department will undertake all necessary actions to participate to the tender phase (preparation and submission of pre-qualification dossier)

PROCUREMENT

This department has three main objectives to achieve:

1. Assist the proposal engineer providing technical and commercial offers.
2. Supply all the materials requested by construction business unit, follow up and expediting during procurement phases.
3. Create a database composed by technical data and commercial offers to be used as store reference. The technical data will be made available also to other departments.



ENERGY SERVICES

BaderOya Oilfield Service and Energy started applying the latest modern technology for cleaning the electrical insulators on live voltage with high reliability, safety and control measures precautions.

BaderOya Oilfield Service and Energy (BOS) is one of the Libyan companies (as Contractor) operating in the Oil and Gas Industry and Energy Sector.

BOS is offering an operation and Maintenance of Electrical Systems Service using the latest modern technologies, by implementing a live line washing technique to ensure the continuity of electrical supply and at the same time to make the necessary maintenance without interruption taking into consideration all safety measures and precautions.

On the other hand, water resistance decreases once the temperature increases therefore it is important to measure this resistance constantly using continuous resistance measuring devices.

These devices notify the operator if the water conductivity rises above a predefined level. The control panel was installed to automatically turn off the washing when reaching a certain limit. Portable Measuring Devices are also available with BOS to measure the water resistivity before filling the tank.



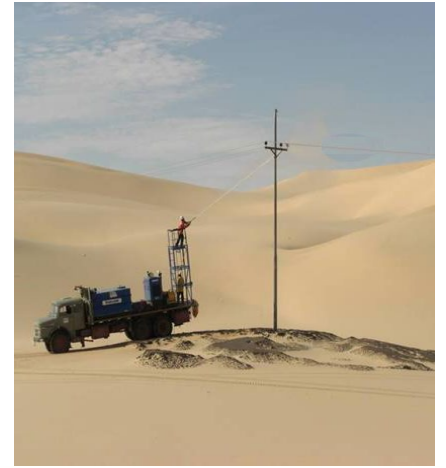
Technical application requirements:

- Choose the right weather
- Take a Permit to Work (PTW) from the operators of the facilities.
- Check/Inspect all equipment's before starting work
- Check the water resistivity that will be used for cleaning, Inspection, and testing.
- Make sure that all working Staff/Teams are wearing the safety and control equipment.
- Make sure that none of the operation and maintenance elements are on the lines to be cleaned
- Make sure the reclosing relay is on the off position,
- Close the permit to work (PTW) after the work is completed

BOS ENERGY SERVICES EQUIPMENT'S

BOS equipment for live line washing of high voltage lines up to 220KV the table below shows the list of the equipment:

1. Toyota Hilux 4X4	3 units
2. Toyota Land Cruiser 4X4 Station Wagon	2 units
3. Translink Hot line Insulator washer skid	1 unit
4. Labwater Reverse Osmosis Water Plant RO-SYS 120-M	1 unit
5. Astra Truck	2 unit
6. Versa Lift VST 5.500 Insulated Boom	1 unit
7. Generators	2 units
8. Safety Tools	1 Lot



COMPLETED PROJECTS

Contract/DWO No.	Project Description	Client
G12267/2022	New Installation of 66/11 KV Substation (Mechanical and Electrical Work) in KIKLA – 2022	GECOL
Contract -R1470	Tanks and Separators Maintenance at Giallo Field – 2021	WOC
Contract No.14/2021	Replacement & Repair Work for Tank Expansion Joints – 2021	HOO
Contract No.10/2020	Tie-In of New Wells B-117 & B-118 at Amal Field – 2021	HOO
DWO Main 001/2021	Provision of General Maintenance Services for A100 Field and Remote Stations – 2021	HOO
Contract No. 10/2019	Amal Tank Farm Piping Replacement Project – 2020	HOO
DWO Main 003	Provision of General Maintenance Services for A100 Field and Remote Stations – 2020	MOG
DWO Main 361	Provision of General Maintenance Services for A100 Field and Remote Stations – 2020	MOG
DWO PROD 343	New Oil Well (KK6) Connections and Tie-Ins to Existing Facilities at KK Station – 2020	MOG
Additional Work	New Oil Well (KK6) Connections and Tie-Ins to Existing Facilities at KK Station – 2020	MOG
DWO Main 330	Provision of General Maintenance Services for A100 Field and Remote Stations – 2019	MOG
DWO Main 310	Provision of General Maintenance Services for A100 Field and Remote Stations – 2018	MOG
Contract No. 574	Replacement of 12” to 8” Crude Oil Pipeline Approximately 76 Kilometers (Construction only under Kotban Oil & Gas Services and Energy Solutions)	KOT/MOG
CN-811	Repair and Re-construction of SA Crude Oil Tank at A100 Bu-Attifel Field – 2017	MOG
CN-811 (Additional Works)	Repair and Re-construction of SA Crude Oil Tank at A100 Bu-Attifel Field – 2017	MOG
DWO Main 302	Provision of General Maintenance Services for A100 Field and Remote Stations – 2017	MOG
DWO Main 268	Provision of General Maintenance Services for A100 Field and Remote Stations/Completed – 2016	MOG
DWO Main 236	Provision of General Maintenance Services for A100 Field and Remote Stations – 2015	MOG
DWO Main 210	Provision of Nitrogen during the General Planned Shutdown (MOG) – 2014	MOG
DWO Main 175	Refurbishment for A100 NGL Plant Cooling Tower B and Pump Basins (MOG) – 2014	MOG
Contract No. 637	Construction of New Well Connection KK5 Station (Contract Area “A”- Concession 82). (MOG) – 2013	MOG
DWO Main 174	Provision of General Maintenance Services for A100 NGL Plant General Planned Shutdown. (MOG) – 2013	MOG
DWO Main 171	Provision of General Maintenance Services for Concession 82 & A100 Onshore Field (MOG) – 2013	MOG
DWO Main 149	Provision of General Maintenance Services on a call out basis (MOG) – 2013	MOG
Contract No. 636	Construction of New Well Connection A-97 at Abu Attifel Field (Contract Area “B”- Concession A/100 (MOG) – 2012	MOG
Contract No. 396	Replacement of flow lines and trunk lines for a total length of 44 km different sizes from 8” up to 16” with implementation and upgrading of Manifolds (LCM/MOG) – 2012	LCM/MOG
DWO Main 121	Provision of Various Maintenance Services for A100 Field on a call out Basis(MOG) – 2012	MOG

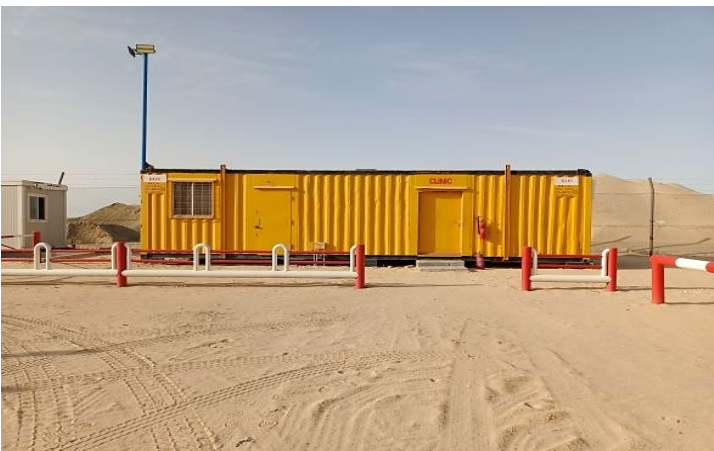
ON-GOING PROJECTS

Contract/DWO No.	Project Description	Client
DWO – GM-8-2022, GM-10-2022, GM-9-2022 & GM-6-2022	Shutdown Project Major overhaul of 4 (four) Equipment (Dehydrator C-302, Separator C-301, Production Separator, Gas Boot C-304) at Harash Station (Waha)contract – R1470 – Tanks and Separators Maintenance at Giallo Field – 2021	WAHA
Contract No. G12267/2022	G12267/2022-Pre-commissioning tests of 66/11 KV Substation (Type7.GIS) in Kikla	GECOL
Contract No. 05/2022	Wells Flow-lines Replacement and Repair for Water Supply Wells, Water Injection; Source Oil Wells at Ghani Field	HOO
Gun Barrel T-380	Vessel / Tank (Cleaning/ Inspection) A-91 GOSP Jakhira	SOO
Contract No. 19/2021	Installation of New Fiscal Metering System at Amal Field	HOO
Contract No. 11/2023	Reinstatement of Zenad Station to Produce (15,000) BPD of GIR/Facha at Ghani Field – Harouge Oil Operations	HOO
Contract No. 12/2023	Reinstatement of Farrud Water Injection Station with a Capacity of (25,000) BPD at Ghani Field – Harouge Oil Operations	HOO

A100 BU-ATTIFEL FIELD CAMP ACCOMMODATION



AMALFIELD CAMP ACCOMMODATION



WAHA 59E FIELD CAMP ACCOMMODATION



GHANI FIELD CAMP ACCOMMODATION











REVAMPING AND RESTORATION OF COMPLETE STRUCTURE OF COOLING TOWER B NGL PLANT (MOG)



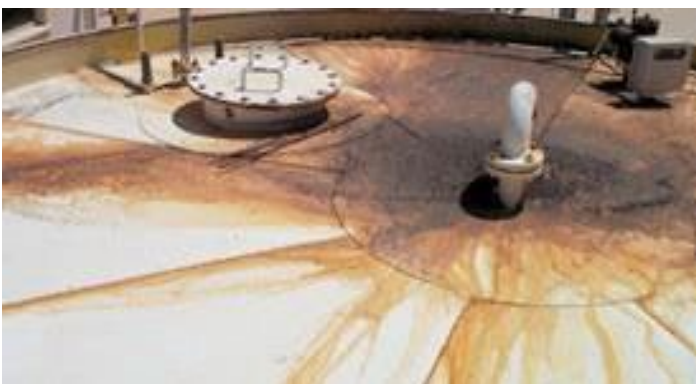
NGL PLANT SHUTDOWN (MOG)



PROVISION OF VARIOUS MAINTENANCE SERVICES



OPENING AND CLEANING OF SEPARATORS & EXCHANGERS



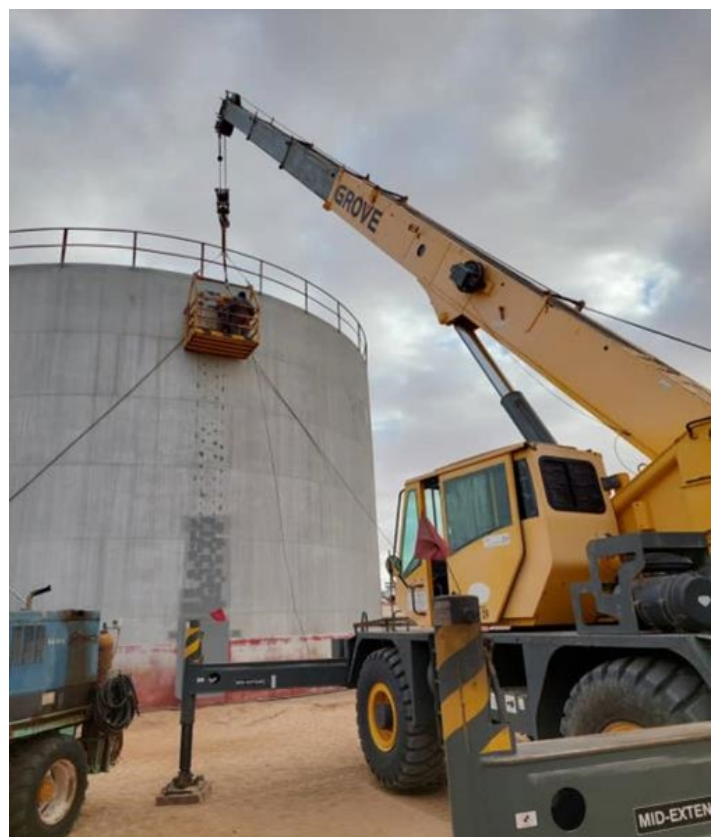
REPAIR & RE-CONSTRUCTION OF CRUDE OIL TANK (MOG)

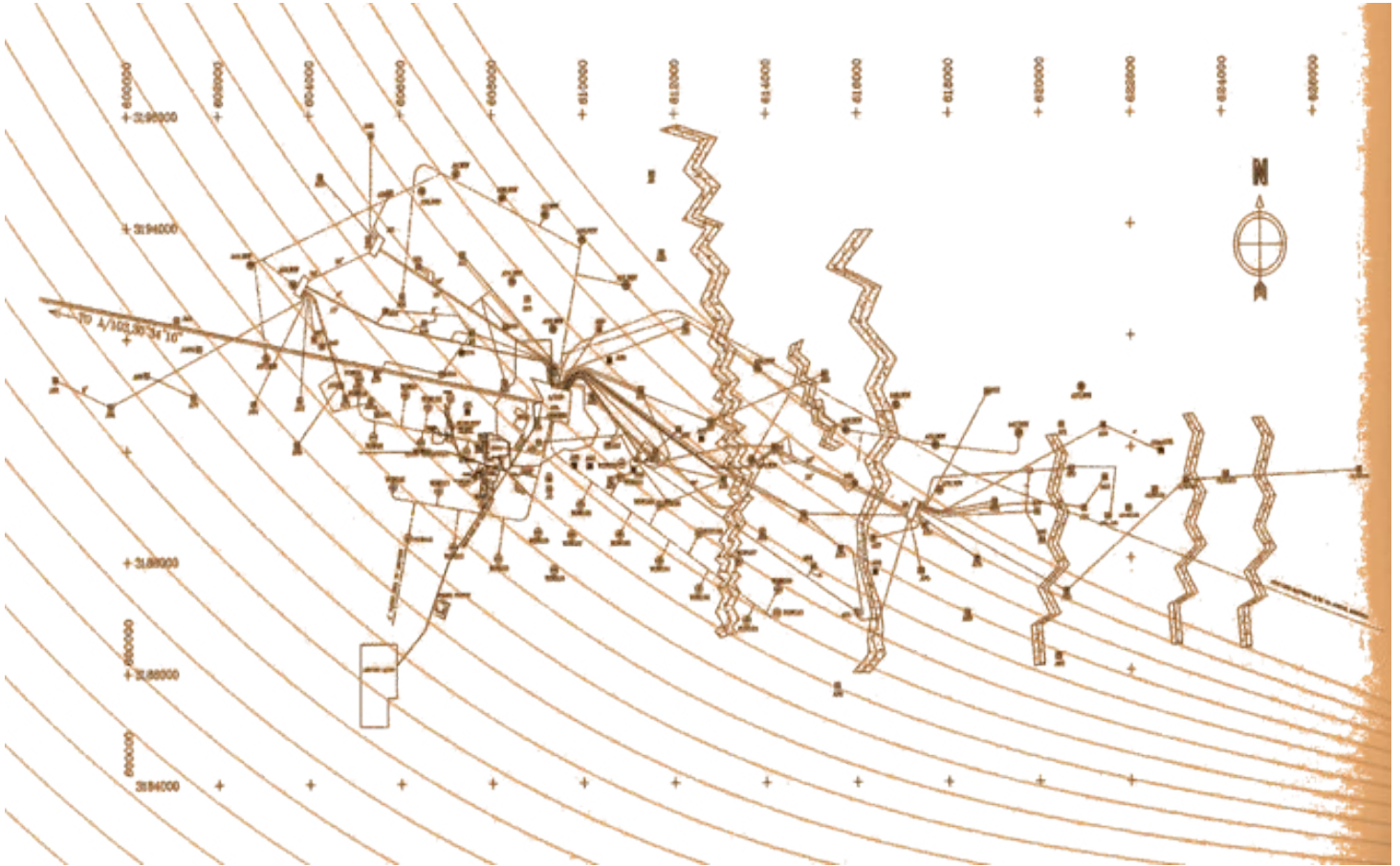


REPAIR & RE-CONSTRUCTION OF CRUDE OIL TANK (MOG)



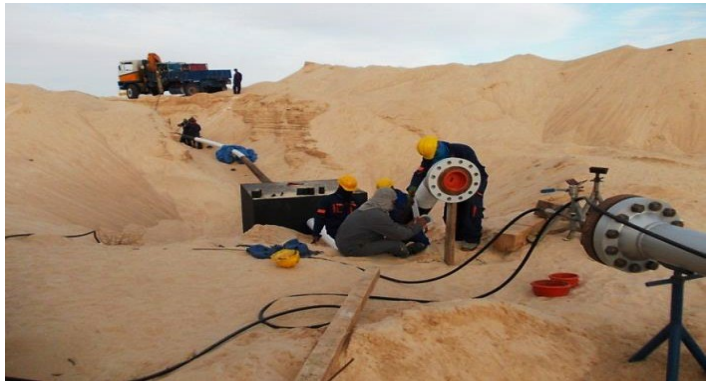
REPLACEMENT OF TANK BOTTOM PLATE BY METHOD OF HYDRAULIC LIFTING (MOG)



REPLACEMENT OF FLOW LINES & TRUNK LINES AT A/100 BU ATIFFEL FIELD (MOG)

Scope of Works: The work consists of replacing 44.4km of corroded pipe flow lines and trunk lines which are based on different sizes of diameters starting from 8 inch to 16 inch. The project requires forecasting and planning activities to utilize 486,000 man-hours to complete the project.

REPLACEMENT OF FLOW LINES & TRUNK LINES AT A/100 BUATIFFEL FIELD – CONTRACT 396 (LCM / MOG)



12" TO 8" CRUDE OIL PIPELINE REPLACEMENT PROJECT (KOT / MOG)



12" TO 8" CRUDE OIL PIPELINE REPLACEMENT PROJECT (KOT / MOG)



NEW OIL WELL CONNECTIONS AND TIE-INS TO EXISTING FACILITIES @ KK-6 (MOG)



TANK FARM PIPING REPLACEMENT (H00)



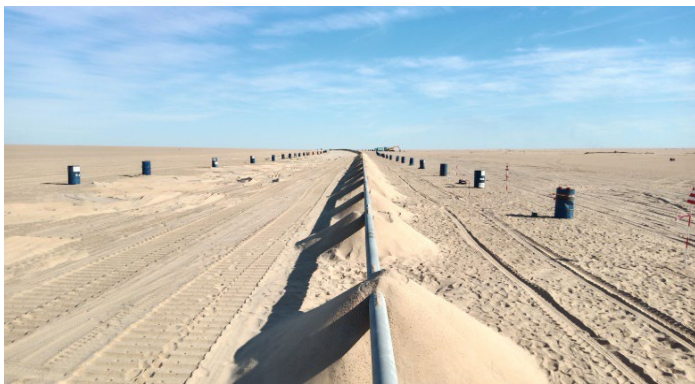
VESSELS MAINTENANCE (WAHA)



TANK MAINTENANCE (WAHA)



TIE-IN OF NEW ESP WELL B-117 & B-118 TO STATION 2 AT AMAL FIELD (HOO)



INSTALLATION OF NEW FISCAL METERING SYSTEM AT AMAL FIELD (HOO)



WELLS FLOW LINES REPLACEMENT AND REPAIR AT GHANI FIELD (H00)



NEW INSTALLATION OF 66/11 KV SUBSTATION (MECHANICAL AND ELECTRICAL WORK) IN KIKLA (GECOL)





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