

### PROFESSIONAL MANAGMENT

**AL-RUBAT AL-KABEER** COMPANY

# WE BUILD FUTURE

GENERAL CONTRACTING
GENERAL TRANSPORTATION
GENERAL SERVICES
OIL SERVICES

www.al-rubat.com



AL-RUBAT AL-KABEER COMPANY FOR GENERAL CONSTRUCTION, TRANSPORTATION, OIL SERVICES LTD.

PHONE: +964 771 377 7722, +971 50 4634944 EMAIL: info@al-rubat.com, emad@al-rubat.com

ADDRESS: Manawi Basha, Basra, IRAQ

Karada, Baghdad, IRAQ





# PROFESSIONAL BUSINESS

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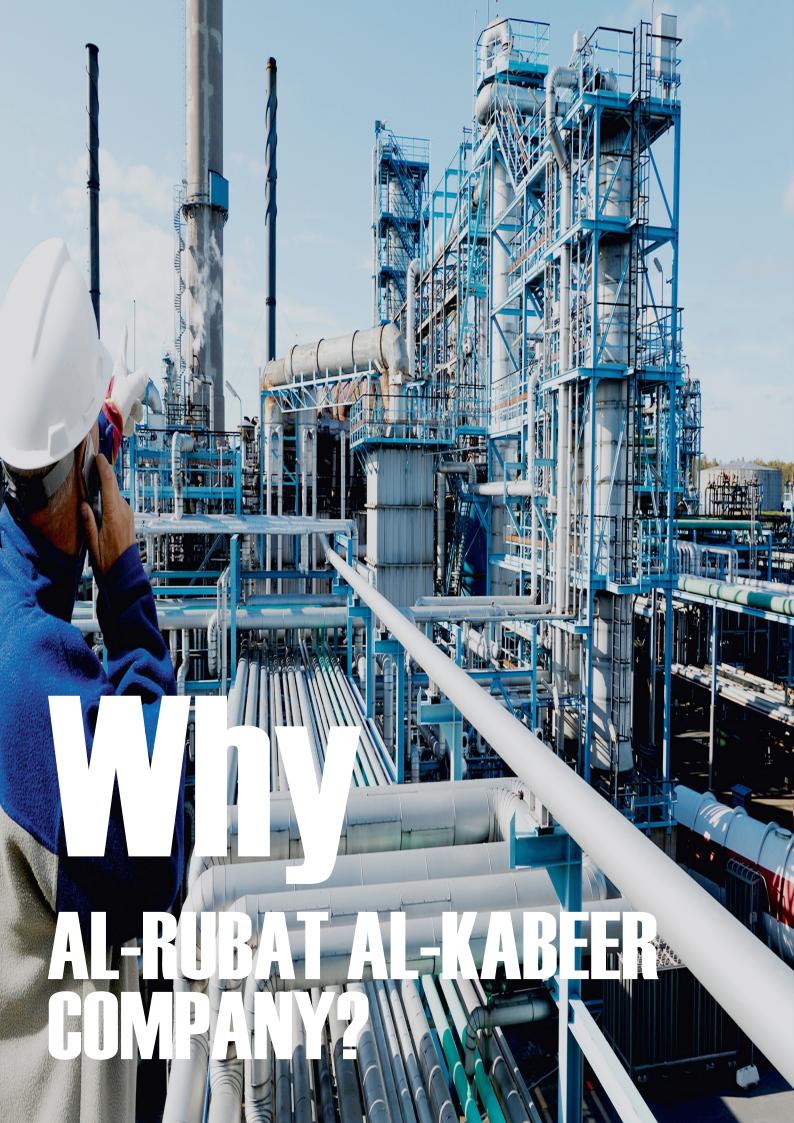
Our company is one of the most business formations active in the field of engineering and general contracting and oil services general transportations, and general services, transport and installation work of drilling towers and reclamation works and services to create the rules of the wells in the reconstruction of Iraq. And our ability to accomplish the finest scientific and technical specifications in the execution of the construction and maintenance is active in many areas, and the basis of its work based on the specificity of the work done with safety and maintenance staff work and the satisfaction of all requirements of the client



# AL-Rubat AL-Kabeer ?

Our client's satisfaction is a constant measure of achievement for our team. While there is no doubt that this sa tisfaction is due to our commitment t o our clients, it is also directly related to the values through which our company. manages its operation.





Our company started on 1992, since then it has a group of highly skilled employees with years of on hand experience for the sole purpose of forming a small and highly skilled Civil and Mechanical Construction company.

Our company Business Enterprises was started allowed the expansion of the Customer base and an increase in the unique services that can be offered.

Although the company is situated in IRAQ, we operate as far afield as we can, We are always available with the necessary skills, knowledge and equipment to meet any requirement in the field of general construction, civil construction, mechanical construction, electrical engineering and Oil Services.

Safe working conditions are a very high priority to us not only for our employees, but also for our customers. This not only enables us to deliver a dynamic and professional service to our customers, but also gives the client the assurance that their interest is served by members and staff personally to complete projects on time and to the required quality standards.

Our company, was formed by businessmen who have a combined experience in general construction, civil construction, mechanical construction, electrical engineering, Oil and consulting services.

While our years of experience and expertise as building contractors mean we can tackle even the largest contacts with complete confidence, we are also equally adept at handling the smallest jobs. Nevertheless, no matter how big or small the project, our customers are rest assured that it will be completed on time, within their budget and to the satisfaction of even the most exacting clients.





We endeavor at all times to provide a comprehensive service to our clients. We strive to complete projects and within budget.

We promote strict adherence to quality, health and safety standards and we adhere to labor equity and encourage harmonious personnel relationships in order to promote team work among staff.

Specialist expertise will be applied in relevant areas to ensure that standards and values are achieved.

To become a significant services company, via partnership with significant industry players..





Diverse range of business expertise in general construction, civil construction, mechanical construction, electrical engineering and consulting services.

Good stakeholder contacts (rural communities, government, municipalities).

Access to middle management skills relative to operations and support services (finance, economics, HR, IT, marketing).

In-depth industry knowledge.

Well placed individuals who are often consulted by stakeholders.

Established and competent management to ensure success.

Strong focus on business development and value creation 5.8 Experience in a broad scope for operational involvement.

Team has construction operational experience and related services.

Experience in broad scope for operational involvement.

Good understanding of requirements of construction activities.

Active involvement by group executives ensures value addition, efficiency and delivery of services and products on time.

Experienced professional who understand needs and requirements.

Range of contacts, skills and experience Ability to source other services and skills as required from time to time.





SOIL BACKFILLING.

FENCE INSTALLATION.
BUILDINGS.

CARAVAN FABRICATIONS AND INSTALLATION.

WATER SYSTEM PROVISION AND INSTALLATION.

SEWER SYSTEM PROVISION AND INSTALLATION.

IRRIGATION SYSTEM PROVISION AND INSTALLATION. PAVEMENT FOR ROADS AND WALKWAYS.

PILES FOUNDATION PROVISION AND INSTALLATIONS.

DIFFERENT KINDS OF CONCRETE WORKS.

WAREHOUSE CONSTRUCTIONS.

# CIVIL ENGINEERING

We Specialize in Civil Construction.

To this end, the company is able to employ its vast experience for rural or urban community water supply.

We are well experienced in the construction of pipelines of various dimensions and pipes of up to two meters in diameter have been worked on.

We are able to do any general maintenance on pipelines like the changing and repair as well as pressure testing of various types of valves, installation and changing of flow meters, air valves, etc.

Our company is pioneer of many innovative modern style construction, engineering and project management techniques.

Since our inception, we have continually aimed at promoting the highest standards of excellence and have always been among the first to apply innovation in modern constructing.

The company is mainly focused on development and quality of work, while keeping in mind cooperation and understanding of our clients' needs.

As we aim at promoting the highest standards in the performance of our work. We value working closely with clients, contractors and local community to achieve mutual benefit.

With an intimate knowledge and extensive experience in building projects, we worked on environmentally sustainable developments and committed to maximizing value to our clients.





# PROJECT MANAGEMENT

#### PROJECT MANAGEMENT INCLUDING:

- Estimating
- Pre-Construction Services
- Budget Control and Management
- Scheduling
- General Project Oversight
- Jobsite Supervision
- Subcontractor Coordination

General Construction with experience in:

- Design/build
- Public Works
- Commissioning/Validation
- Subcontractor Coordination

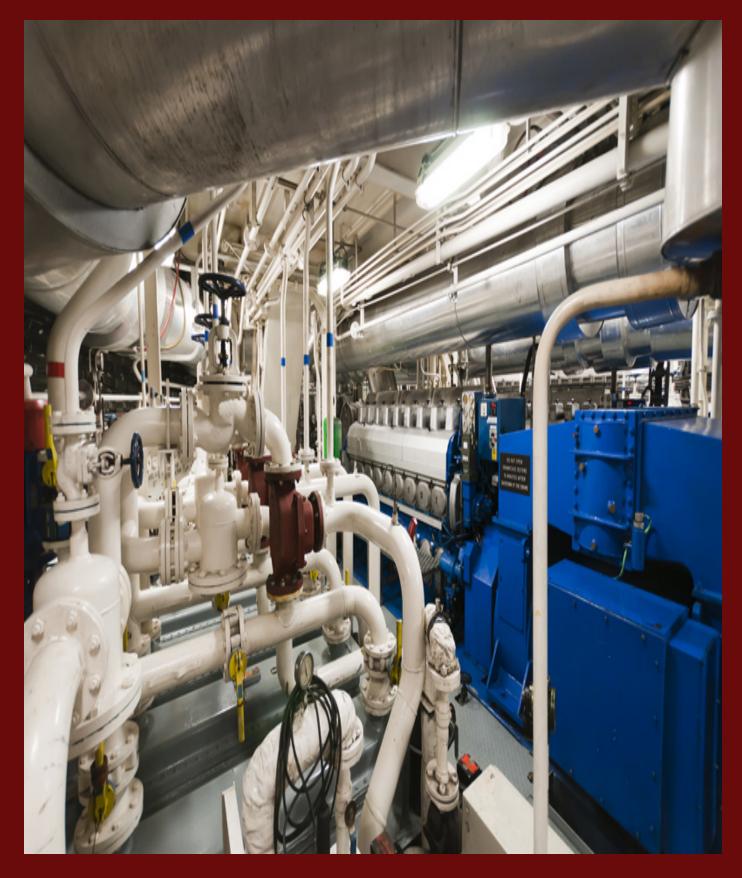
We are capable of taking any project step-by-step from concept through construction, including the assembly of the design team and permitting.

We maintain crews of highly trained field personnel for the safe performance of the architectural and structural elements of the building. The company has experience in a full spectrum of building projects. Our range of work covers the following categories of construction:

- New Construction
- Industrial Installations
- Facility Upgrades
- Clean Rooms and Laboratories
- Historic Restorations
- Tenant Improvements

We remain flexible to any changes, additional requirements, and schedule impacts. We work as a team to provide creative strategies to overcome any unforeseen obstacles and complete the project per owner requirements.





### MECHANICAL ENGINEERING

We have access to a fully equipped engineering workshop with highly skilled personnel to meet all your engineering needs.

We are able to remove and or install any type of pump. We also have the ability to refurbish defective pumps of any type.

Fully trained and qualified staff can attend to repairs and maintenance of diesel driven equipment such as lighting plants and earthmoving equipment.

Our staff is well experienced in the maintenance of conveyors and affiliated plants and machinery and is fully experienced in the maintenance of roller mills.

We specialize in corrosion protection.

Mechanical maintenance on all dams in South of IRAQ.

#### **MECHANICAL DESIGN**

- System and Architecture Design
- Mechanical System Concept and Architecture Development
- Proof of concept generation
- Feasibility Testing
- FMEA Studies
- Design for Six Sigma
- Mechanical Systems Design
- Machine design
- Pneumatic system design
- Fluidic system design
- Hydraulics system design
- DFX (Design for Manufacturability, Assembly, Serviceability)
- Strong emphasis on robustness and manufacturability
- Integration of large complex parts..



#### MECHANICAL PART AND ASSEMBLY DESIGN

- Sheet Metal Design
- Mechanisms Design
- Precision/Complex Mechanism Design
- Plastic and Injection Molded Part Design
- Mold Design
- Machined Part Design
- EDM Part Design
- Extruded Part Design
- Thermoform Part Design
- Casting Part Design
- Rapid prototyping
- EPDM based drawing revision control and integration with Agile PLM system

### ANALYSIS& MODELING

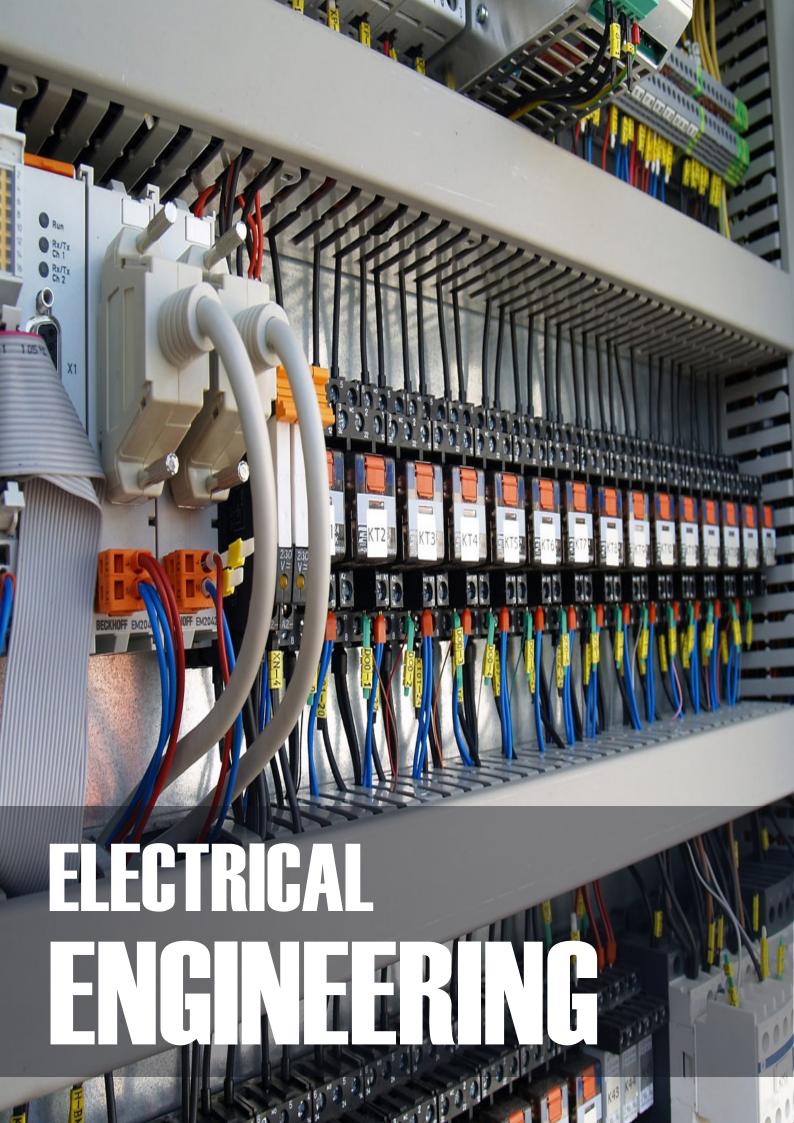
- System Design, Modeling and Simulation
- Finite Element Analysis for structural mechanics, Vibration, fluids and thermal systems
- Analysis, design and verification of digital and continuous domain controls applied to complex linear and nonlinear systems
- Thermal design, static and dynamic thermal analysis
- Dynamic modeling of complex mechanical systems
- Failure Analysis and yield improvement
- Tolerance and mechanical stack up analysis



#### **TOOLS**

- SolidWorks
- Pro/ENGINEER
- AutoCAD
- CoCreate
- Solid Designer
- Mechanica
- Matlab
- Mathematica
- Cosmos
- Visual Nastran





#### **INDUSTRIAL ELECTRICAL CONTRACTOR**

The power source in an industrial building is essential for an uninterrupted work flow.

We know how crucial it is to ensure that machinery is running correctly and safely.

Our services in this area include: installation and maintenance services working in factories and industrial units. We install new machinery, BMS systems, data cabling, high and low voltage power distribution circuits, control panel installation and we can assist with all aspects of your power and electrical needs if moving location.

Our electrical engineers provide electrical installation design services for even the most complex buildings. Whatever your requirements, size of building or use, we can design a bespoke electrical system. It will work correctly, safely and efficiently. Every electrical design that we provide uses the latest in design software and is tailored to our customers' needs and requirements. Within our electrical installation design services we look at electrical distribution including low voltage and high voltage systems, energy management systems and network analytics. If you would like to find out more about our design services in IRAQ.

No job is too large, small or difficult. We wire anything electrical:

- 1. Electric Meters Installation & Rebuild
- 2. Panels
- 3. Service Upgrades
- 4. Nashville Code Violation Repairs
- 5. Home Wiring Installation
- 6. Lighting
- 7. Ceiling Fans
- 8. Switches
- 9. Receptacles
- 10. Power Distribution
- 11. Appliance Wiring
- 12. Power Turn-Ons Service Release
- 13. Electrical Inspections
- 14. Hot Tub Wiring
- 15. Maintenance
- 16. Emergency Repairs
- 17. Alterations
- 18. Equipment Wiring.
- 19. Solar Power Energy.
- 20. Solar Power Panels.
- 21. Solar AC and Heating Systems.



We provide a complete power quality solution and survey service. The power source and energy levels that you use in your company are extremely important from financial and safety aspects and should therefore be checked regularly.

Once we have carried out a survey on your power quality, we can offer solutions including power factor correction, harmonic distortion solutions and uninterruptable power supplies.

Regular monitoring and checks will ensure that you are not overloading your electrical systems and that everything is safe and serviced regularly.

We full suite of Electrical Consulting Services from concept design, detailed design and preparation of specification and drawings.

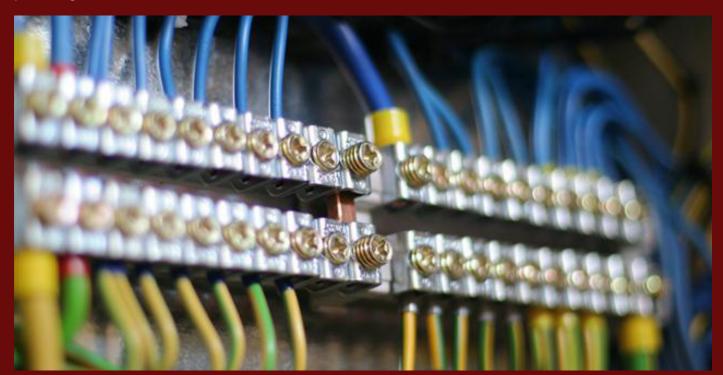
Electrical Project Management and construction Management inclusive of Commissioning Service.

Planning, surveying and erecting of Power lines, transformers and meter boxes. Both three phase and single phase.

Our Electrical engineers create and implement electrical systems for everything i.e houses, rigs, vessels, companies, factories etc. As electrical engineers, they focus on power generation and transmission processes. They also experiment with new ways to use electronics, without invasive procedures.

#### **RESEARCH**

One of the options they have as electrical engineers is research in new technology. Energy conservation is becoming increasingly important, and electrical engineers are at the forefront in developing new ways to use solar, wind, water, and other natural sources for power generation. Some fields of research focused on include:



#### **ELECTROMECHANICAL ENGINEERING**

COMPLEX FLECTROMECHANICAL SYSTEM DESIGN

- Mechanism Design
- Smart Products
- Power systems design and integration
- Motor application development
- Stepper motors
- Servo design (custom development and OTS integration)
- AC/DC motors (milliwatt to 400 horsepower)
- Linear motors
- Servo hydraulics
- Rotary and linear positioning systems
- Automation equipment design
- Heavy Electro-Mechanical System Design
- Heavy load management
- Dynamic heavy load modeling



#### **ELECTRICAL CONTROLS ENGINEERING**

COMPLEX ELECTROMECHANICAL SYSTEM DESIGN.

Multidisciplinary team has decades of experience developing control systems and industrial automation solutions for our clients. Our expertise from micro DC to 400 horsepower AC motor control systems including power distribution and transmission systems design, electrical panel design, wiring and integration, ruggedization/militarization control system design.

- Custom semi-automated assembly line tooling
- Motor VFD applications (A-B, ABB, Eurotherm, Yaskawa, Powertech)
- Industrial PLC's (Allen-Bradley, GE Fanus, DirectLogix, SST, TI); motion controllers (Galil, Delta-Tau); vision systems (Matrox, Cognex, ESI)
- HMIs (Wonderware InTouch, A-B RSView)
- Sensor technologies (thermocouples, encoders/resolvers, pressure transducers, LVDTs, strain gauges, limit/proximity switches, capacitive sensors).

#### **SERVICES & REPAIR**

Refurbishment of old switchgear switches is done efficiently and competitively at home. All switchgear is inspected and tested prior to it's return to service.

For on site estimates for repairs a charge for the inspection may be required.
On Site servicing can be done at competitive rates.

Regular servicing can prolong the life of your switches.

Overhaul & refurbishment of your existing Switchgear

Protection upgrades of your Switchgear Compound to air bus-bar & cable box upgrades

Break down replacement within 24 hours on certain products.

Our clients include homeowners, businesses, and government agencies. We offer electrical repairs to the following entities in IRAQ and MENA:

- 1. Oil Facilities.
- 2. New Home Construction Companies.
- 3. Restaurants.
- 4. Offices.
- 5. Factories.
- 6. Residential.
- 7. Retail.
- 8. End-Users.
- 9. Management Companies.
- 10. Municipal.
- 11. Chain Stores.
- 12. Orginizations.
- 13. Companies.
- 14. Govermental Orginizations.

#### SYSTEMS ENGINEERING

Systems Engineering processes scaled to the appropriate level

#### **NEEDS CAPTURE**

- Engineering Requirements development and analysis
- Architecture development and functional allocation
- Solutions assessment and optimization
- Functional to physical synthesis
- Interdisciplinary management and coordination
- Verification & Validation
- Systems driven discipline specific processes and methods
- · Reliability Engineering
- Safety Engineering
- Human Factors Engineering
- Industrial Engineering

#### **DELIVERABLES**

- Trade—off studies
- Technology assessments
- Risk assessment and management plans
- Configuration management
- Interface identification and management
- Critical requirements identification and allocation for successful manufacturing
- Modeling and simulation for early architecture and solution assessment
- Validation test plans
- Manufacturing capable product development.



#### LOGISTIC SERVICES

Our company is one of the private companies, run by 100% Iraqi employee how have long experience in the filed of shipping & logistics; below we would like to list our services:

- All Types of Shipping (Ocean freight forwarding, land transportation, Air freight).
- Maritime Agent.
- Containers Freight Forwarding through the biggest & well known lines in the world.
- Loading & handling of all types of cargo.
- Land transportation of all types of cargo even the very heavy one to all the cities of Iraq.
- Logistic services & storage.
- Marine Consultant.
- Making Financial feasibility of economic found for handling, clearing & transportation of imported cargo.
- Clearing & Land transporting loose & containers for Governmental, Humanitarian associations & personal with a very comparative prices.
- Making Import & Export License.
- Represent all types of companies either over seas, Marine, Logistics & suppliers for Iraqi Ministries & represent them agent for them in Iraq.
- Door to door (direct delivery) we have our warehouses at Basrah and Baghdad with full security and well trained staff to store our client cargoes.
- Cargo handling services/stevedoring including break-bulk handling.

Successful freight forwarding, relocation and project logistics management services in challenging markets like the IRAQ and Middle East require expertise, inside knowledge, and reputation businesses can trust.

This is why our company is the preferred choice of many Fortune 500 companies in the region.

Our in-depth knowledge of the IRAQ and Middle East, coupled with our regional and international service network makes our company a leading service provider in the region.

Our company provides "one-stop-solution" to meet all of your logistics requirements.

Whether you are looking to relocate household goods across the region or move an offshore drilling platform across the seas,

Our company has the level of service, expertise and experience to make it happen.

You will get personalized service at every level with Globalink because we are truly independent, make our own decisions and specialize in our home market.

**AMBULANCE OPERATIONS** 



Ambulance operations for emergency and non-emergency care In addition to being the nation's leading first aid, Our Company Ambulance is also a leading supplier of ambulance operations in IRAQ, offering highly trained, dedicated and patient-focused personnel using state of the art equipment and vehicles. Our services include:

- Accident and Emergency (A&E) discharge
- GP urgent transport
- Non-emergency patient transport
- Complex needs bariatric transfers
- Paediatric and neonatal transport
- Repatriations
- First aid cover at events
- Emergency response and major incident support

We have a wealth of experience in providing transport and ambulance operations to:

- Clinical Commissioning Groups
- Ministory of Health Trusts
- Private healthcare providers
- Local authorities
- Individuals
- Other organisations National coverage

We have many vehicles operating a year, 24 hours a day.

Our ambulance operation is structured to mirror that of the ambulance service regional footprint so we cover every part of South of IRAQ, no matter how remote.



### CUSTOMS SERVICES

#### **CUSTOMS SERVICES**

- Import / export customs clearance service
- Customs evaluation of merchandise
- Import duty & tax assessment
- Classification of HS Codes
- Classification of goods
- Customs surveying
- Import / export permissions of controlled goods
- Import / export record maintenance
- Payment of custom duties on customers behalf
- Temporary import/export procedures
- Permanent import/export procedures
- Consultancy services
- Customs bonded carriage
- Transit customs handling

Our company is professional licensed customs brokerage with extensive experience in customs clearance, quarantine clearance, local transport and tariff consultancy.

We will ensure the efficient and legal import handling of all your cargo.

We understand your needs as well as the legislative and regulatory requirements involved in importing.

At our company we work for you and help you to comply with the requirements of customs and quarantine authorities.

We pre-clear all import consignments to help you avoid expensive wharf storage and container detention charges to make each transaction as hassle-free as possible.

We anticipate in advance some of the otherwise unexpected intricacies and processes involved in moving your cargo across customs borders.

Whether you are a new importer or experienced, we will provide professional service and advice to help you get your cargo through customs and quarantine, and on to its ultimate destination.





OIL AND GAS ACTIVITIES Applies to four principal stages of operations:

- Exploration and development;
- Production;
- Processing (including separating and refining)
- Decommissioning.

Our company Oil Services provides for special treatment of these activities, to create and maintain a favourable environment for investment in the oil and gas sector.

This special treatment includes deductions, allowances, and credits that may be claimed against the income from the petroleum operation, either in the year of expenditure or, sometimes, in a prior or subsequent year.

Different rules may apply to different forms of organization. It is therefore important to consider the applicable tax treatment before deciding what type of structure will be used for investment in an oil and gas project.

#### OIL AND GAS SERVICES ARE:

- OIL SAND MANUFACTURING
- OIL TANKS CLEANING SYSTEM
- OIL TANKS INSTILLATION
- OIL TRACKING SYSTEMS.
- OIL MONITORING SYSTEMS
- OIL MUDING
- WELLHEAD EQUIPMENT
- CHRISTMAS TREE EQUIPMENT
- CATERING SERVICES
- LOGISTICS SERVICES
- SUPPLY UPSTREAM CHEMICAL
- SUPPLY DOWNSTREEM CHEMICAL
- SUPPLY ALL KINDS OF VEHICALS
- HR AND EMPLOYEEMENT SERVICES
- ADMIN SERVICES
- FINANCE SERVICES
- PROCUREMENT SERVICES





The global oil and gas transportation industry has experienced a number of significant pipeline ruptures and leaks in recent history. While the numbers for both leaks and ruptures are down historically in both events per mile and volume transported, any number of events that impact human Health, Safety or the Environment (HSE) is still too high.

With the demand for energy increasing and the requirement for new oil and gas pipelines to transport hydrocarbons to market, the debate around pipeline technology, and in particular, pipeline leak detection has increased. Further, the regulatory requirements for oil and gas pipelines can vary significantly from one country to another.

Some countries require leak detection software on every pipeline over a certain length. Others only in areas of "high consequence." Still others have little or no formal requirements stated for a Leak Detection System (LDS) to be installed on operating oil or gas pipelines.

While even the best leak detection system cannot prevent a rupture, a well-tuned, operating and well-monitored leak detection system can provide early warning for a potential rupture by identifying leaks in their earliest stages, allowing time for the system to be shut down and repaired and often preventing a catastrophic pipeline failure before it occurs.

WIRELINE OPEN-HOLE LOGGING
 Wireline Logging division is a leading provider of open-hole logging services in the
 Middle East North Africa region.

#### SLICKLINE

Our company offers Slickline services through our fleet of mobile, standalone packages.

#### MUD LOGGING

Our Mud Logging services combine leading-edge technology, expertise on the geology of our home markets, and proven processes to ensure total quality.

#### WIRELINE CASED-HOLE LOGGING

Our company Wireline Logging division is a leading provider of cased-hole logging services in the Middle East North Africa region

#### CEMENTING & STIMULATION

Our company delivers services that address major cementing challenges such as gas migration, loss of circulation, and sustained annulus pressure.

#### FLUIDS SOLUTIONS

Our team of experts delivers drilling fluids and productivity solutions that ensure safe, optimum, and efficient well drilling.

#### COILED TUBING

Our company offers a full suite of leading-edge coiled tubing services, from drilling to cementing through completion for zone abandonment.

#### SURFACE & DOWNHOLE TESTING

Our company offers Surface and Downhole Well Testing and DST services through our fleet of trailer-mounted, standalone well testing packages.

#### • INTEGRATED OILFIELD SERVICES

Our company can add value as an effective integrator of major projects, for one well or a multi-well program.

#### DRILLING, PLACEMENT & EVALUATION

Our company offers Logging While Drilling, Measurements While Drilling, and Performance Drilling services.



#### DRILLING

#### DRILLING OPERATIONS

- Produce final A.F.E. for the well or wells Deliverables Current well evaluation and refurbishment program;
- Well logging and evaluation;
- Cementing and acidizing packages;
- Coil tubing operations;
- Wireline operations;
- Well completions and running services;
- Well testing and clean up operations;
- Well stimulation, well re-entry and repair service;
- Coring operations and data analysis;
- Directional drilling, horizontal drilling multi lateral and under balanced drilling operations with our subcontractors;
- Well planning;
- Logistical planning;
- AFE preparation;
- Free full field development evaluation and also on an individual well basis;
- Preparation of AFE on an individual well for cost analysis;
- Drilling unit, forward planning and utilization, to efficiently improve operations and reduce JV costs;
- Rig selection;
- Rebuild of current drilling units, to western standards through our supply chains:
- Camp construction and supply;
- Risk assessment in all fields of operations

ERATIONS

#### **DELIVERABLES**

- Tenders and Contracts;
- A.F.E.;
- Management Systems;
- Conceptual Design;
- Drilling Programs;
- Material, Master List and Service;
- Logistics/Coordination;
- Government Consents;
- Technical Requisitioning;
- End of well report;
- Camp supply;
- Third party Drilling services;
- Quality assurance of our produces with regular reviews.





# DRILLING RISK MITIGATION

# DRILLING RISK MITIGATION AND COST REDUCTION

Drilling risk mitigation and cost reduction are two key points of special interest to operators.

Drilling With Casing, a technology which allows operators to drill, case and produce oil and gas wells with the same string, answers these issues. Instead of using a traditional drill string, casing is used to transmit mechanical and hydraulic energy to the drilling bit. Drilling With Casing is mostly used when operators encounter lost circulation zones.

The casing is used to drill and then is cemented in place, thus avoiding unstable hole incidents.

Drilling With Casing can also be used for safer drilling operations when drilling an unstable reservoir, or drilling from low pressure formation to high pr essure reservoir.

Drilling With Casing is an economically sound solution, using only one casing string, and bypassing the need for a drill string.

This one-step process also saves times as it streamlines the standard procedure of lowering 2 columns (drill pipe, pull out, then lower casing).





Wellhead And Christmas Tree Equipment can be mainly used in Continental flowing wells, pumping wells, pump wells, screw pump oil wells.

The product includes Conventional oil production wellhead, KYS Series Wellhead And Christmas Tree Equipment, electrical submersible pump wellhead, highpressure anti-corrosion wellhead, Anti Hydrogen sulfide corrosion wellhead and Thermal Wellhead. NORMAL WELLHEAD & X-MAS TREE

1- KY65-21 wellhead & X-mas tree comes in two types for flowing wells and pumping wells. For wells that can flow themselves and pressure at wellhead are not more than 25 MPa, flowing wellhead can be used.

For pumping wells, pumping wellhead can be used. Flowing wellhead can be converted into pumping wellhead conveniently only by replacing the tee, cross and polished rod stuffing box. The product has advantages of fast in installation, reliable in seal and beautiful in appearance.

2- KY65-35 wellhead & X-mas tree uses flanges for connection. It has the advantages such as easy in installation,

fast in dismantling, reliable in seal both under low pressure and high pressure and long in working life.

WATER INJECTION WELLHEAD & X-MAS TREE

High pressure and water injection wellhead & X-mas tree is used for increasing water absorbing capacity of oil reservoir and oil-producing capacity, keeping pressure of oil reservoir.

Because working medium of the product is often sewage with high degree of

mineralization and high temperature, we gave a fully account of its anti-corrosion capacity as well as its applicability and reliability in design and manufacture.

HIGH PRESSURE AND ANTISULFIDE WELLHEAD & X-MAS TREE The product is mainly used for deep or ultra deep wells or high pressure wells with hydrogen sulfide, or as completion wellhead equipment, it also meets the special technical requirements of high pressure acidization and fracturing operation, etc. In addition to the safety and reliability, complexity of recovery and workover technics and convenience of operation are also taken into account.

Its main component, plate valve has advantages such as reliable in sealing and small in open and close torque.

OFFSHORE WELLHEAD & X-MAS TREE HKY Series wellhead and Christmas tree, which is treated specially and made of high strength and anticorrosion materials, can apply to the wells of severe conditions such as high humidity and high corrosion.

The maximum working pressure depends on the connection methods of the product.

DOUBLE-CHANNEL THERMAL RECOVERY WELLHEAD EQUIPMENT Model KRS50/65-21 double-channel (vapor injection & oil production) thermal recovery wellhead equipment is suitable for intermittence thermal recovery or the recovery of ultrathick oil. The equipment, which integrates vapor injection channel and oil production channel, has a compact structure. It can release pressure in inner bore of tubing, thus reduces the possibility of accident.



Our company workshop facility enables repair and refurbishment of all wellhead and Xmas tree assemblies and components.

This includes refacing gates and seats, resurfacing stems and actuators and recladding hard metal facing.

Refurbished components are available for return to service with a significant reduction in delivery time and cost.

Providing full visibility of your wellhead integrity status To complement field personnel, whether our company or other, we provide experienced and competent onshore technical and engineering support.

Available at client locations or at the Well Service office, this support can plan and advise on suitable wellhead and well related remedial actions necessary to prolong the life of the well.

Our Well Integrity Tracking System is a data management system for storing, monitoring, and tracking wellhead status.

This provides full visibility of the wellhead integrity status to track remedial actions as required and ensure safe, compliant and functioning wells and wellheads. Sharing the knowledge through awareness training our company offer awareness training to our clients, which we currently carry out in our company

Included in this is a high level Well Integrity course, a Wellhead Familiarisation course and Stinging training/competency.
The courses cover topics such as:

- Wellheads & their uses,
- Xmas Tree types,
- Valve types, their features & repair,
- Maintenance & testing of valves,

- Valve stinging, it's dangers & how it's done,
- Connection types,
- Completion components,
- Well construction,
- Well hazards.

Well-Centric Well Integrity Management service – the benefits: Peace of mind wells and wellheads are being inspected, maintained, tested, tracked and monitored on a regular basis by industry experts.

A comprehensive service providing an integrated wellhead management process including initial inspection, maintenance, onsite and offsite repair and refurbishment, reporting and tracking.

One company for all wellhead types and manufacturers of wellheads providing less administrative and vendor management.

Experienced personnel who have the ability to adapt to situations and solve challenges as they occur.

Less production downtime due to safe and continually functioning wells and wellheads. A clear and structured tracking system allowing full visibility on the integrity of all wells, wellheads, valves and actuators. A proactive and flexible partner that can prevent potentially costly events. A quick and efficient response to unplanned occurrences, in the unlikely event they occur.

An engineering support function who work closely with clients and the wellhead maintenance department to make jobs easier, safer and more efficient



# HEAVY MACHINERY SERVICES

The heavy equipment industry — including machines such as the backhoe, crane, wheel loader, grader, forklift, and bulldozer — has been experiencing a near6% growth rate worldwide for the past ten years. This demand is fueled by the need for new construction to accommodate growth, for the refurbishing of old projects and buildings, and for increased mining activity to provide raw materials for industry. The spinoff has also meant an increase in available employment in construction jobs for heavy equipment operators and maintenance mechanics, growth for parts manufacturers and distributors, and an increase in agencies providing operator certification.

Increased competitiveness has meant a better product for construction companies and operators alike. New technologies have meant increased safety, comfort, and reliability. Advancements include air conditioned cabins, automatic transmissions, engine monitoring systems, noise reduction, and GPS tracking systems for precision surveying. Some can even be programmed to repeat tasks or operate on driverless routes. Of course, these increased features require increases in training and certification for heavy equipment operators and companies alike. Our company provide heavy machnery for to apply many projects including:

- -Excavation
- -Lifting
- -Earthmoving and Mining
- -Roads
- -Transportation
- -Forestry
- -Railroad
- -Agricultural

And my many more..

Also Our company is one of the main reputed providers of armored heavy earth moving machinery according to the client requirement. (Excavators, Backhoe loaders, Bulldozers, Skid steel Loaders, Motor Graders, and Trenchers). The company machine operators are highly skilled & holding relevant licenses nationally/internationally valid. We also have a vibrating Bucket Shifter and Rotar sifter which can be effectively used to sift (examine) soil from hazardous items within the soil.





# OIL TANKS SERVICES

Our Company Tank is a fully integrated industrial construction company that specializes in the design, fabrication and erection of above ground storage, welded steel tanks & other plate structures. With over 10 years of experience, we have consistently proven that our products are built to the highest quality standards and our service will exceed your expectations.

#### Welded Steel:

- Tanks
- Clarifiers & Thickeners
- Smoke Stacks & Liners
- Bins & Silos
- Self-performed foundation design & installation
- Tanks up to 300' diameter
- Carbon Steel, Stainless Steel & Duplex Construction
- Internal & external Floating Roofs
- New Construction & Repairs

Also Our company does repair work on all types of metal. We also provide the following services/repairs:

- Welding
- Shearing
- Bending
- Rolling
- Trailer Hitches & Repair
- Industrial Liquid Finishing
- Fabrication and repair of RV slide—out bumpers and carriers.

Our company specializes in fabrication of metal tanks.

- Carbon Steel Tanks
- Stainless Steel Tanks
- Stainless Steel Hoppers All tanks are made to UL standards.

Tanks can be customized to meet your specifications.

When you need something custom done with metal, Our company can assist you.

We do all types of custom metal fabrication work, including residential and commercial decor and trim, furniture, and other unique projects. If you have something specific in mind, please get in touch with us to discuss your ideas.

We specialize in this type of work. Please see our Photo Gallery Page for some custom projects we have completed.

Our extensive history combined with our safety and quality programs, has enabled our company to work for the largest and most demanding petrochemical, power, agriculture, and EPC customers in IRAQ.

We take great pride in offering our customers safe construction, quality work, excellent communication and unmatched customer service. These standards have been refined into a process we call Safe Quality Production (SQP).

SQP gives you the assurance that your project will be done safely, quickly, and in compliance with your specifications.

Our company carefully follows three distinct phases on every project:

- Pre-site Preparation
- Safe Construction
- Project Close-Out

That gets your project up and running when you need it.



### WIRELINE OPEN-HOLE LOGGING SERVICES

Our company Wireline Logging division is a leading provider of open-hole logging services in the Middle East North Africa region.

Our experienced Wireline Logging teams combine knowledge of local geology, formations, and operating conditions with a relentless attitude towards service quality and the best equipment.

We use Wireline Logging technology manufactured in the United States that we have fit for purpose for optimal use in our home markets. For years, we have been there for our clients, flexibly and responsively delivering services when they need them.

We can mobilize quickly, and we have operated in difficult conditions, including high pressure and high H2S wells and difficult rig up environments.

## WE OFFER THE FOLLOWING OPEN-HOLE WIRELINE LOGGING SERVICES:

- Regular and spectral gamma ray
- Resistivity
- Nuclear
- Dipole sonic
- Geology imaging
- Formation pressures with pump through evaluation and PVT sampling capabilities
- Nuclear magnetic resonance
- Pipe conveyed logging for difficult borehole environments
- Borehole seismic







# SLICKLINE

Our company offers Slickline services through our fleet of mobile, standalone packages.

This rig-less bias assures mobility, efficiency, and safety without compromising on total quality or technology.

Our company crews are experts in both local geology and international equipment. We have a track record of success in providing leading-edge technical capabilities, and excellent quality of services to our clients.

Although slickline has always been a well-accepted technique for maintaining production on target and keeping opex within budget, it traditionally provided minimal information on operational status.

The introduction of LIVE digital slickline services and OPTICall thermal profile and investigation service significantly expands the scope of work that can be efficiently and economically conducted on slickline.

Now the wellsite engineer can monitor downhole activity and dynamically control operations.

Depth precision through continuous depth correlation enhances operational quality, safety, and performance. The result is significant time savings and greater confidence, delivered by the largest fleet of slickline units in the industry.

We offers an extensive range of slick-line services with innovative equipment, together with highly trained competent experts.

We provide every slick-line capability from basic completion intervention applications to advanced services.

its own advantage compared to wireline. Its flexibility comes from the thin line usually used to place and recover wellbore equipment. In the first place, the slickline services could significantly increase the production and minimize the downtime. In addition, slickline also proves to be an effective solution to counter any downhole issue that often emerges when performing drilling in dynamic condition.

Slickline services have earned its places with the emergence of technological advancement such as Closed-Loop System.

We are capitalizing on this advantage to provide you with extensive range of services particularly to monitor the wellbore condition.

To this end, we provide our clients with the standard single or double drum set up, sophisticated heavy duty equipment, as well as braided line unit. The possibility is endless for you to acquire accurate data.

All things considered, slickline services could certainly support the oil companies to maintain high production and keep the operational cost at minimum simultaneously.

#### THE SLICKLINE SERVICES COVER:

- Setting and retieve downhole tool
- Sand bailing and clean-out tubing
- Temperatur and pressure survey
- Installing and retrieve gaslift valve
- Open/close sliding valve
- Fishing job
- Perforating job using mechanical perforator
- Swabbing for various size of tubing
- Leak detection and pulling pack-off



## MUD LOGGING

Our company provide Mud logging services which is conventional implementation, involves the rig-site monitoring and assessment of information that comes to the surface while drilling, with the exclusion of data from downhole sensors.

The term mud logging is thought, by some, to be outdated and not sufficiently descriptive. Because of the relatively broad range of services performed by the geologists, engineers, and technicians traditionally called mud loggers, the term «surface logging» is sometimes used, and the personnel performing the services may be called surface-logging specialists. Additional specialist designations may include:

- Pore pressure engineer
- Formation evaluation engineer
- Logging geologist
- Logging engineer

For the sake of generality, the terms mud logging and mud logger are used here with the understanding that the hybrid discipline encompasses much more than monitoring the mud returns and that the trained specialists perform engineering and geological tasks that span several traditional disciplines.

There are several broad objectives targeted by our company mud logging services included but not limited to:

- Identify potentially productive hydrocarbon-bearing formations.
- Identify marker or correlatable geological formations, and provide data to the driller that enables safe and economically optimized operations.

The actions performed to accomplish these objectives include the following:

- Collecting drill cuttings.
- Describing the cuttings (type of minerals present).
- Interpreting the described cuttings (lithology).
- Estimating properties such as porosity and permeability of the drilled formation.
- Maintaining and monitoring drilling-related and safety-related sensing equipment.
- Estimating the pore pressure of the drilled formation.
- Collecting, monitoring, and evaluating hydrocarbons released from the drilled formations.
- Assessing the producibility of hydrocarbon-bearing formations.
- Maintaining a record of drilling parameters.

Our Mud logging service first focused on monitoring the drilling mud returns qualitatively for oil and gas content. This included watching the mud returns for oil sheen, monitoring the gas evolving from the mud as it depressured at the surface, and examining the drill cuttings to determine the rock type that had been drilled, as well as looking for indication of oil on the cuttings.

Detection of the onset of abnormal formation pressures using drilling parameters was proposed with the introduction of the d exponent.

Gas chromatography, which was developed early in the 20th century, saw its introduction in mud logging in the 1970s when electronics became sufficiently compact, rugged, and robust to be used at rig sites.

Our company products delivered by a mud-logging section include:

- Geological evaluation
- Petrophysical/reservoir formation evaluation
- Drilling engineering support services

We consider all services and processes associated with drilling and evaluation of wells Formation evaluation (building or refining the geological and reservoir models). Drillingengineeringandoperations(theplanningandexecutionofthewellconstructionprocess).

Maintaining drilling and evaluation operations with appropriate health, safety, and environmental (HSE) consideration



Our company provides construction services that integrate schedule and cost control into day-to-day activities to keep projects on schedule and on budget.

These include project management, project controls, subcontractor outreach, commissioning and start up, closeout, risk management services, self-performance, design management, SCADA, and many more, such as:

A program that integrates subcontractors into the project team, ensures a safe workplace for all project participants, provides clear identification and understanding of subcontractor responsibilities and opens lines of communication.

Commissioning and start-up strategies that facilitate rapid and successful start-up and turnover, using advanced process models and electronic Operation and Maintenance Manuals

Formal, tailored partnering methods that create a supportive teamwork atmosphere with all stakeholders and help reduce the risk of cost escalation and litigation, expedite projects and identify and resolve issues early. State-of-the-art risk management tools to assess, manage and mitigate risk, and coordinate and manage all aspects of a construction project, including documents, submittals, change orders, client communication, subcontractor and vendor costs and schedules.





#### **CONSTRUCTION PHASES**

PRE-CONSTRUCTION

(Subcontractor Bid and Award Phase)

- Coordination Review/Coordination of Design Comments
- Long Lead Items Identification
- Constructibility Review
- Project Implementation Plan
- Agency Review and Approvals
- Fast Tracking Analysis
- Special Items Identification
- Master Schedule/Preliminary Construction Schedule
- Bid Package for Construction Trades
- Bidding Procedures
- Early Purchase Bid Package Review
- Specifications Review
- Value Analysis and Trade-Off Studies
- Bidding Alternates Development
- Cost Management Procedures/Project Cost
- Local Work Practices Advisement
- Bidder Analysis
- Pre-Bid Conference
- Bidders List
- Bid Evaluation
- Construction Contracts
- Independent Evaluation

#### **CONSTRUCTION PHASE**

- Representative / Project Status Reports
- Submittal Procedures
- Contract Document Review
- Site Logistics Plan
- Construction Schedule / Construction Procedures Review/Schedule Updates
- Job-Site Meetings
- Cost Reporting
- Payment Verification and Coordination
- Coordination of Change Orders
- As Built Documents
- Negotiation of Change Orders

 Coordination of Technical Inspection and Testing

#### **POST-CONSTRUCTION PHASE**

- Occupancy Permit
- Support Furniture / Fixtures / Equipment Installation Activity
- Move-In Coordination
- Claims Evaluation
- Warranty Period



Our company is a leading global provider of environmental consultancy services to the waste and recycling sector, providing advice to a range of clients including waste producers, the waste management industry, its regulators and investors.

The waste management philosophy developed by Our Consulting follows an established waste hierarchy of waste prevention, minimisation, reuse, recycling, energy recovery and final disposal.

Our professional team has experience of providing practical advice on all waste types, including municipal, household, commercial, industrial, hazardous, agricultural, and, mining waste.

#### Our Service:

- Public sector waste support
- Private sector waste companies
- Advice to financial sector
- Construction Companies and Waste Technology Providers

#### Our Technical Service:

- Waste strategy and plan development
- Waste treatment technology and disposal advice
- Regulatory approvals for all facility types (planning, permitting and EIA)
- Design, build and contract
- Waste logistics and routing



Our company offers the following waste management services:

- Advice to Financial Sector
- Design, Build & Contract Management
- Landfill Engineering, Gas & Leachate Management
- Private Sector Waste Clients
- Public Sector Waste Clients
- Waste Logistics & Routing
- Waste Regulatory Approvals
- Waste Strategy & Plan Development
- Waste Technology Advice.



# OTHER SERVICES

#### PROPERTY MANAGEMENT

Our company provide the following services:

- Clear billing with no hidden fees.
- Designing and executing cost effective and preventative maintenance plans to proactively enhance the property value of the community.
- Offering our managed communities the option to join group insurance programs (exclusively available to our clients), resulting in lower costs and better insurance coverage.
- Bi-monthlycomprehensive update system designed for maintaining close communications between board and management team to ensure consistency with on-going projects, issues and progress.
- Being equipped with an extensive vendor library, consisting of field-tested contractors, vendors and professionals, accumulated over 10 years of property management experience.
- Implementing effective collection systems, including various 30, 60, 90 and quarterly collection campaigns, returned mail monitoring, lien placement coordination and collection agency submittal.
- Ensuring quick response to emergencies with a 24/7 emergency response team, consisting of a property manager and general contractor.
- Effectively enforcing rules while maintaining a harmonious and peaceful community with skillful conflict mitigation.
- Providing complete, detail and user-friendly monthly financial statements with original paid invoices.

**LABOR RECRUITMENT** Whether you are looking for permanent recruitment, temporary staffingorlabourhire, On Line Recruitment and Labour Hire has been a leading provider in people solutions for over 15 years. With a head office in Basra on the South of IRAQ, On Line Recruitment and Labour Hire specialises in permanent recruitment services across the IRAQ and Oil Fields. However, On Line Recruitment and Labour Hire has also connected hundreds of clients and candidates nationally, across IRAQ for large-scale projects.

**MARKETING SERVICES** Whatever the reason, the B2B landscape has changed dramatically. It's time for a new way to run the marketing operations of your business. One that's strategic. Tech-savvy. Efficient. Results-driven. Turnkey. Proven. We start with the big picture to ensure that all of your promotional efforts are closely integrated – because if your marketing efforts aren't working together, they're working against you.

**MARKETING SERVICES INCLUDING** Strategy & Planning, Branding & Rebranding, Content Creation, Graphic Design, Web Development, PR & Social Media, Digital Marketing, Trade Shows, Video & Photography Everest, Marketing Automation

#### TRANSLATION SERVICES

In order to meet your translation requirements, we operate a F.A.S.T. translation service:

**Fast** – Turnaround times can be tight and we know that you can't always predict when a translation needs to be done. We can bring in additional capacity to get your translation processed in short-time frames.

**Accurate -** There's no room for error with translation, our network of specialised linguists ensure that your message is accurately translated into the target language.

**Secure** – Security is a concern of the modern digital age, so we follow strict processes to ensure your data remains secure, throughout the translation process. Your Translation Memories also remain your own Intellectual Property.

**Twenty-four-seven** – Your offices might be located worldwide, and a translation requirement could arise at any time. Our 24/7 team supports your translation requirements across time zones.

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#### MAINTENANCE SERVICES

OUR GENERAL MAINTENANCE SERVICES:

- General Maintenance
- Building maintenance.
- Floor and Wall Tiling Works.
- Carpentry and Flooring Contracting.
- Partitions and False Ceilings Contracting.
- Painting Contracting.
- Plumbing and Sanitary Contracting
- Fountains contracting, aquariums and artificial caves.
- Swimming Pool cleaning services.
- Building Cleaning Services, Water tank/ reservoir & Frontage Glass cleaning.
- Gate barriers and sliding doors

#### contracting

- Air Conditioning, Ventilations and Air Filtration Systems Installation and Maintenance.
- Electromechanical Equipments' Installation and Maintenance.
- Insulation Contracting.
- Satellite Receiving Equipment Installation and Maintenance.
- Lifts and Escalators Contracting and Maintenance.
- Installation and maintenance of CCTV.
- Security and Watchman Services.



# WASTEWATER TREATMENT PLANT

**ALNASSIRYA WASTEWATER TREATMENT PLANT** 

#### **GENERAL INFORNATION**

The sewage treatment Plant shall provide for mechanical and fall biological T treatment of the aw sewage The treated sewage shall be discharged into the main local the drainage canal The intake pumping station shall lift the raw sewnge from the in coming trunk newer to the inlet channel of the plant.

Screening shall be affected by raked coarse screens followed by float controlled mechanically rated fine screens. Regretting shall be implemented in two parallel serated regretting channels equipped with scraper bridge, air lift pumps, grit washing facilities and aeration equipment. Compressed air shall be supplied from the blower station. The pre- treated sewage shall be distributed via a central distribution chamber to the sedimentation tanks which shall be equipped with mechanical sludge scrapers collecting sump, sludge draw-off facilities and surface scum removal device.

The settled sewage shall then be subjected to the biological treatment based on oxidation ditch Oxygen shall be induced into the sewage by means of surface aerators in ditch providing the necessary retention time to replace the oxygen extracted by the organisms. The aeration process shall, naturally, be followed by settlement of the mixed liquor of sewage and sludge in secondary sedimentation tanks for the withdrawal of activated sludge. Following chlorination the effluent will be discharged into the drain canal

Activated sludge withdrawn from the secondary sedimentation tanks-shall partly be retuned to the aeration tanks via the return sludge pumping station. Surplus activated sludge shall be fed into the sludge thickener to reduce its volume.

The combined sludge pumping station shall be equipped with pumps for feeding the sludge blending tank, then pumped to sludge thickener in order to decrease the volume of sludge and additionally with pumps for conveying thickened sludge into the digesters. The sludge shall be conveyed to the sludge drying beds for dewatering A more detailed description of the plant and equipment can be found in the specifications for the individual treatment units following hereinafter.









## **EFFLUENT STANDARDS**

For imgation purposes the wastewater has to be treated in a way to get a suitable efluent quality in accordance with the Iraqian standards, the hygienic requirements and the effluent standards can be seen above. At least 90 % of effluent samples of treated wastewater taken from drain canal shall be of equal to or better quality than the required effluent standards. Nitrogen measurements may not be considered during times, when temperature in biological stage ranges below 120C. Also 90 % removal of total nitrogen should be achieved by biological stage but need not be guaranteed.



Al-Rubat Al-Kabeer Co.

Address1: Manawi Basha, Basra, Iraq. Address2: Karada, Baghdad, Iraq.

Have been audited and approved by Quality Assessment Lia To the Following Standards or Guidelines:



The approved management system apply to following scope:

General Contracting

EA Code: 28 NACE Code: 42

24 Sep 2018 Original Approval 24 Sep 2019 Certificate Expiry:







www.qalcert.co.uk



EA Code: 28 NACE Code: 42

Original Approval: First Surveillance: 24 Sep 2019 24 Sep 2021









www.qalcert.co.uk



Registration +Certificate>

This Certificate Confirms that the Management Systems of

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General Contracting



## ISO CERTUFICATE



On behalf of Quality Assessment Lia

www.qalcert.co.uk



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The approved management system apply to following scope: General Contracting









#### COMPLETION CERTIFICATE

Al Rubat Al Kabeer Company

Address: Al Rubat Al Kabeer Company Postal Code 905-11-18 Karrada Baghdad, Iraq

Project: Majnoon oil Field Development CONTRACT No: SIPD/PETR/2010013 CONTRACT Title: Civil & Piling Works CONTRACTOR: Al Rubat Al Kabeer Company

#### COMPLETION CERTIFICATE

In respect of the above CONTRACT, the COMPANY hereby issues to the CONTRACTOR this Completion Certificate.

On-receipts of this-Certificate-the-CONTRACTOR-shall-invoice-the-COMPANY-for-release-of first-portion of the-retention-monies in accordance with the Article 23 of Section-II—Conditions of Contract:

This Certificate does not relieve the CONTRACTOR of any continuing obligation to the COMPANY under the CONTRACT, nor does it affect any statutory or common-law rights held

## CERTUFICATE



Engineering & Construction

Petrofac House, Al-Khan Road PO Box 23467, Sharjah, UAE Tel +971 6574 0999 Fax +971 6574 0099

PIUL-ARAKB-2002C-0284-L Ref. No.

1 March 2013

Al Rubat Al Kabeer Post Code 905-11-18 Karrad Baghdad Iraq To

Emad Juma'a Jassim - Contractor Representative

CONTRACT Title : Civil & Piling Works : SIPD/PETR/2010/013 CONTRACT No. Completion Certificate

Total No. of Pages including this cover sheet: 2

COMPANY hereby issue the COMPLETION CERTIFICATE for the above CONTRACT to the CONTRACTOR for their retention. A copy of the Certificate is attached for your reference.