

PETRA OILWELL

OFFSHORE DRILLING & MARINE SUPPORT PROJECT

Strategic Offshore Solutions

ENGINEERING | PROCUREMENT | PROJECT MANAGEMENT

MARINE & OFFSHORE SOLUTIONS

www.petraoilwell.com

PROJECT OVERVIEW

Petra Oilwell proposes a complete offshore drilling and marine support solution, establishing a fully integrated operational platform for Libya's exploration and development campaigns from planning through execution.

01 OFFSHORE DRILLING OPERATIONS
 OPERATIONAL MANAGEMENT

02 DRILLSHIP CHARTERING
 RIG SOLUTIONS

03 DRILLSHIP ACQUISITION
 ASSET OWNERSHIP

04 OFFSHORE LOGISTICS SUPPORT
 MARINE SUPPLY CHAIN

05 CREW MANAGEMENT
 OFFSHORE PERSONNEL

06 PROVISION SUPPLY
 CATERING & CONSUMABLES

07 FUEL SUPPLY
 BUNKERING SERVICES

08 CHEMICAL SUPPLY
 DRILLING & PRODUCTION

OFFSHORE DRILLING OPERATIONS

Management of deepwater drilling activities focusing on safety, operational reliability, and compliance.

Core Services



Drilling Program
Support



Rig Selection &
Evaluation



Contract Management



Operational Planning



HSE Management



Technical Supervision



Project Management



Logistics Coordination



Strategic Objectives

- **Safe Operations** PRIORITY 01
- **Cost Efficiency** ECONOMIC
- **Operational Reliability** CONTINUITY
- **Maximum Rig Utilization** PERFORMANCE
- **International Standards** COMPLIANCE

DRILLSHIP CHARTERING

AVAILABLE UNITS

6th & 7th Gen

Modern Drilling Units

Deepwater

High-Spec Drillships

Ultra-Deepwater

Advanced Capabilities

DP3 Units

Dynamic Positioning



SERVICE SCOPE

- ▮ Market Assessment & Unit Identification
- ▮ Technical Due Diligence & Audits
- ▮ Commercial Negotiations & Admin
- ▮ Mobilization & Logistics Management
- ▮ Operational Readiness Assessments

KEY BENEFITS

Fast Start-Up

Rapid deployment for urgent offshore campaigns.

Capital Efficiency

Reduced capital exposure through rig chartering.

Asset Access

Immediate availability of modern offshore assets.

Flexibility

Tailored short and long-term contract structures.

| DRILLSHIP ACQUISITION PROGRAM

LONG-TERM STRATEGY

ASSET OWNERSHIP

Full acquisition and lifecycle management of drilling assets—securing strategic fleet control for long-term offshore developments in Libya and the region.

POTENTIAL ACQUISITION TARGETS

- Cold Stacked Drillships
- Warm Stacked Drillships
- Active Drilling Units
- Conversion Opportunities



ACQUISITION SERVICES

- | Asset Identification
- | Technical Evaluation
- | Commercial Negotiation
- | Due Diligence
- | Purchase Support
- | Reactivation Planning
- | Upgrade & Modernization



STRATEGIC ADVANTAGES

- | Full Operational Control
- | Lower Long-Term OPEX
- | Strategic Asset Ownership
- | Regional Fleet Development



MODERNIZATION FOCUS

- | Systems Upgrade Programs
- | DP System Enhancement
- | Drilling Package Retrofit
- | Class Renewal & Surveys
- | HSE Compliance Upgrades
- | Automation Integration
- | Fleet Optimization

OFFSHORE LOGISTICS SUPPORT

CORE LOGISTICS SERVICES

 Cargo Transportation

 Deck Cargo Handling

 Bulk Mud & Cement

 Fuel Transportation

 Waste Return Ops

 Emergency Logistics

SPECIALIZED VESSEL FLEET

- Platform Supply Vessels (PSV)
- Fast Crew Boats
- Emergency Response Vessels
- Anchor Handling Tugs (AHTS)
- Utility Support Vessels
- Multi-Purpose Support



01 Supply Chain Integrity

Ensuring continuous flow of materials to offshore assets.

02 Operational Uptime

Minimizing downtime through rapid marine logistics response.

03 Safe Marine Ops

Full compliance with IMO and international maritime safety codes.

CREW MANAGEMENT

Comprehensive workforce solutions for offshore personnel and full management services.

Marine Personnel

- Masters & Chief Officers
- Chief Engineers
- Dynamic Positioning Operators
- Qualified Marine Crew

Drilling Personnel

- Offshore Installation Managers
- Toolpushers & Drillers
- Derrickmen & Assistant Drillers
- Roughnecks & Roustabouts

MANAGEMENT SERVICES

 Recruitment

 Certification

 Training

 Rotation

 Payroll

 Travel

Technical Personnel

- Mechanical & Electrical Technicians
- Instrument & Hydraulic Specialists
- Automation Engineers

HSE Personnel

- HSE Managers & Safety Officers
- Offshore Medics
- Environmental Specialists



PROVISION SUPPLY SERVICES



Food & Catering

- > Fresh, Frozen & Dry Stores
- > Catering Consumables
- > Galley Equipment Support
- > Customized Menu Planning



Accommodation

- > Cabin & Bedding Supplies
- > Laundry & Cleaning Consumables
- > Personal Hygiene Products
- > Housekeeping Materials



Logistics

- > Procurement Management
- > Inventory Control & Tracking
- > Cold Chain Warehousing
- > Offshore Delivery Coordination

CORE OBJECTIVE

Ensuring **uninterrupted support** for offshore personnel and marine operations through a resilient and integrated supply chain.



FUEL SUPPLY SERVICES

Marine fuel solutions providing quality-assured MGO and bunkering services to optimize offshore operations.

MARINE FUEL PRODUCTS

- ▢ Marine Gas Oil (MGO)
- ▢ Ultra-Low Sulfur Marine Fuels
- ▢ Offshore Bunkering Services

COMPREHENSIVE SERVICES

- ▢ Fuel Procurement
- ▢ Fuel Testing
- ▢ Offshore Fuel Delivery
- ▢ Bunker Planning
- ▢ Quality Assurance

STRATEGIC BENEFITS



Operational
Reliability



Cost Optimization



International
Standards



DRILLING & PRODUCTION CHEMICAL SUPPLY

Procurement and delivery of essential drilling, completion, and production chemicals to enhance operational performance.



DRILLING CHEMICALS

- ▮ Bentonite & Barite (Weighting Agents)
- ▮ Caustic Soda & Soda Ash
- ▮ PAC Polymers (Polyanionic Cellulose)
- ▮ XC Polymers (Xanthan Gum)
- ▮ Specialized Drilling Lubricants
- ▮ Lost Circulation Materials (LCM)
- ▮ Defoamers & Biocides
- ▮ Thinners & Dispersants



COMPLETION

- ▮ High-Density Completion Brines
- ▮ Corrosion Inhibitors
- ▮ Scale Inhibitors



PRODUCTION

- ▮ Demulsifiers & Deoilers
- ▮ Biocides & H2S Scavengers
- ▮ Water Treatment Chemicals
- ▮ Production Enhancement Fluids



SUPPLY SERVICES



Global Procurement



Secure Storage



Quality Control



Offshore Delivery

Ensuring 24/7 chemical availability for uninterrupted drilling and production operations in offshore Libya.

HSE COMMITMENT

GLOBAL COMPLIANCE STANDARDS



IADC

Drilling Contractor Standards



IMO / ISM

International Safety Mgmt Code



ISO 9001

Quality Management Systems



ISO 14001

Environmental Management



ISO 45001

Occupational Health & Safety



Technical

Equipment Certification & Integrity

STRATEGIC HSE OBJECTIVES

TARGET **ZERO**

Lost Time Incidents (LTI)

TARGET **ZERO**

Environmental Spills & Leaks

TARGET **ZERO**

Major Equipment Failures



*Fostering a Culture of Continuous Improvement and
Proactive Hazard Identification*

LOCAL CONTENT DEVELOPMENT

CORE COMMITMENTS



Local Workforce Development

Prioritizing Libyan professionals for offshore and technical roles.



Technical Training Programs

Specialized offshore safety and engineering certification modules.



Supplier Development

Nurturing local logistics and supply chain service providers.



Knowledge Transfer

Mentorship programs linking global experts with local talent.



Long-Term Capacity Building

Investing in regional infrastructure for sustainable fleet support.

STRATEGIC BENEFITS



Increased Local Participation

Enhancing the role of Libyan stakeholders in high-value offshore operations and management.



Sustainable Industry Growth

Developing a resilient domestic oil and gas service sector that reduces reliance on foreign imports.



Economic Development

Direct contribution to the national economy through job creation and local procurement spend.



Skilled Workforce Creation

Equipping the next generation of Libyans with globally recognized technical and safety skills.

STRENGTHENING LIBYA'S ENERGY INDEPENDENCE THROUGH LOCAL
EMPOWERMENT

PROJECT EXECUTION MODEL

Strategic 4-Phase Implementation Framework for Seamless Offshore Delivery

PHASE 01



Planning & Mobilization

- Detailed Project Definition
- Critical Asset Selection
- Contract Finalization
- Strategic Logistics Planning

PHASE 02



Mobilization

- Drillship & Rig Deployment
- Crew & Personnel Mobilization
- Supply Chain Establishment
- Marine Support Readiness

PHASE 03



Operations

- Offshore Drilling Activities
- Marine Logistics Support
- Onsite Crew Management
- Continuous Supply Services

PHASE 04



Project Completion

- Safe Rig Demobilization
- Performance Review
- Technical Lessons Learned
- Future Development Planning

✓ INTEGRATED APPROACH ENSURING OPERATIONAL RELIABILITY AND MAXIMUM SAFETY COMPLIANCE ACROSS THE PROJECT LIFECYCLE.

WHY PETRA OILWELL

20+ YEARS OF OFFSHORE & MARINE OPERATIONAL EXCELLENCE

A single point of responsibility for high-stakes drilling, logistics, and personnel management in the Libyan offshore sector.



PROVEN EXPERIENCE

Two decades of deepwater drilling and marine operations.



INTEGRATED SOLUTIONS

Unified management of drilling, fuel, and supply chain.



GLOBAL NETWORK

Strategic partnerships with top-tier contractors and shipyards.



RAPID MOBILIZATION

Fast deployment of assets, personnel, and equipment.



COST EFFICIENCY

Optimized project execution with focus on HSE and safety.

CONTACT INFORMATION

PETRA OILWELL

STRATEGIC OFFSHORE SOLUTIONS



www.petraoilwell.com



Strategic Offshore Operations in Türkiye & Region



Libya Offshore Drilling & Marine Support Project

CORE EXPERTISE

- > Engineering & Procurement
- > Project Management
- > Marine & Offshore Solutions
- > Technical Services

SERVICE SCOPE

Offshore Drilling

Marine Logistics

Crew Management

Asset Management

Supply Chain

Fuel & Chemicals