



RELIABLE INDUSTRIAL SOLUTIONS ENGINEERING

EPCC & CONSTRUCTION

CORPORATE CAPABILITY PROFILE

Oil & Gas | Energy | Process Facilities | Industrial Infrastructure



Client-facing profile for technical evaluation, prequalification, construction engagement and strategic business development.

EPCC Delivery	Oil & Gas Construction	HSE & Quality
Integrated engineering, procurement, construction and commissioning support	EPF, compressor packages, process utilities and field infrastructure	Structured controls for safe, compliant and measurable execution



Document Roadmap

A concise executive structure designed for client evaluation and rapid technical understanding.



Section	Title	Purpose
01	Executive Snapshot	Corporate identity, positioning and client value
02	Capability Framework	Civil, mechanical, E&I, controls and commissioning capabilities
03	EPCC Flagship Project	Kot Palak-1 EPF as the principal reference project
04	Engineering & Procurement	Engineering deliverables and procurement package highlights
05	Construction Delivery	Installed quantities and field execution evidence
06	RISE Executed Scope	Discipline-wise scope matrix and handover focus
07	Delivery Commitment	Governance, controls and execution assurance
08	Portfolio Experience	Selected projects for PPL and OGDCL
09	HSE, Quality & Clientele	Safety systems, project controls and industry exposure

Design note: this version has been refined into a more formal corporate capability statement with executive dashboards, clean sectioning, discipline matrices and a consistent oil-and-gas presentation theme.



Executive Snapshot

RISE is positioned as a multi-discipline execution partner for oil & gas and industrial infrastructure projects, with capability across civil, mechanical, electrical, instrumentation, commissioning and O&M transition scopes.

Reliable Industrial Solutions Engineering (R.I.S.E) is a Pakistani engineering, construction, commissioning and industrial services company delivering integrated solutions across the Oil & Gas, Energy, Process and Industrial sectors. The company supports clients through Engineering, Procurement, Construction, Commissioning, Mechanical Construction, Civil Works, Electrical and Instrumentation Installation, Facility Development, Compressor Package Installation, Plant Relocation, Operations & Maintenance and specialized industrial services.

EXPERIENCE	ENGINEERING	FACILITY BASIS	PRESSURE
40+	197+	50 MMSCFD	950 PSIG
years combined industry exposure	multi-discipline deliverables	gas processing capacity	gas compression pressure

CORPORATE PROFILE SUMMARY	
Core Sectors	Oil & Gas, Energy, Process Plants and Industrial Infrastructure
Delivery Model	Engineering, Procurement, Construction, Commissioning and O&M transition support
Project Types	Greenfield facilities, brownfield upgrades, compressor stations, production facilities, utilities and plant relocation
Positioning	Construction and execution partner for technically demanding industrial projects
Flagship EPCC Reference	Kot Palak-1 Early Production Facility (EPF) - greenfield upstream facility development, construction, commissioning and O&M transition support.

- ✓ Single-window field execution supported by multi-discipline coordination
- ✓ Strong fit for EPF, compressor station, production facility and utility scopes
- ✓ HSE, quality, schedule control, mechanical completion and punch-list closeout
- ✓ Professional, controlled, measurable and client-aligned project delivery



Capability Framework

Integrated discipline-wise capability for process facilities, utility systems and industrial construction.

Discipline	Core Capability	Typical Deliverables
Civil & Infrastructure	Civil construction, structural concrete, equipment foundations, buildings and utilities	Foundations, pipe supports, roads, drainage, underground utilities, control rooms and infrastructure works
Mechanical Construction	Static/rotating equipment, vessels, tanks, piping, steel and skids	Fabrication, erection, alignment, hydrotesting, mechanical completion and turnover readiness
Electrical & Instrumentation	Cable trays, cables, MCC/LV panels, instruments, earthing and systems integration	Power distribution, field instruments, control systems integration, loop checking and energization support
Commissioning & Start-Up	Pre-commissioning, functional testing, punch-list management and start-up support	Mechanical completion, loop verification, performance testing and operations handover

- ✓ Civil construction
- ✓ Equipment foundations
- ✓ Buildings and control rooms
- ✓ Drainage systems
- ✓ Structural concrete works
- ✓ Static equipment installation
- ✓ Compressor package installation
- ✓ Storage tank installation
- ✓ Structural steel fabrication and erection
- ✓ Cable tray installation
- ✓ Instrument cable installation
- ✓ Earthing and lightning protection
- ✓ Loop testing and commissioning
- ✓ Functional testing
- ✓ Plant start-up support

- ✓ Process facility foundations
- ✓ Pipe rack foundations
- ✓ Underground utilities
- ✓ Roads and infrastructure
- ✓ Utility networks
- ✓ Rotating equipment installation
- ✓ Pressure vessel installation
- ✓ Piping fabrication and erection
- ✓ Process skid installation
- ✓ Power cable laying
- ✓ MCC and LV panel installation
- ✓ Control systems integration
- ✓ System energization
- ✓ Performance testing



EPCC FLAGSHIP PROJECT

Kot Palak-1 Early Production Facility (EPF) - a signature upstream oil & gas reference demonstrating integrated EPCC execution, greenfield construction, commissioning readiness and operations transition capability.

SIGNATURE EPCC REFERENCE: KOT PALAK-1 EARLY PRODUCTION FACILITY

Integrated engineering, procurement support, construction, commissioning and O&M transition for upstream oil & gas infrastructure

ROLE	SECTOR	DELIVERY	STATUS VALUE
Construction & Execution Partner	Upstream Oil & Gas EPF	Civil / Mechanical / E&I / Commissioning	Flagship client-facing reference

EPCC FLAGSHIP PROJECT NOTE

This project is presented as RISE's principal EPCC construction reference for upstream facility development, integrated discipline execution, commissioning readiness and controlled transition to operations.

PROJECT IDENTIFICATION

Client	Al-Haj Enterprises (AEPL)
EPC Contractor	DZR Energy Pvt. Ltd. - A Company of Dewan Petroleum
Construction & Execution Partner	Reliable Industrial Solutions Engineering (R.I.S.E)
Location	Kot Palak Field, Khyber Pakhtunkhwa, Pakistan
Project Value	Approx. USD 10 Million
Project Duration	20 Months
Engineering & Construction	8 Months
Operations & Maintenance	12 Months

The Kot Palak-1 Early Production Facility (EPF) was developed to establish a complete hydrocarbon processing and pressure boosting facility, integrating process, utility, safety, power generation, fire protection and automation systems.

GAS PROCESSING 50 MMSCFD facility basis	COMPRESSION Up to 950 PSIG pressure boosting	CONDENSATE 2,500 BBL/Day stabilization capacity	DURATION 20 Months project cycle
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Facility Element	Project Basis / Scope
Gas Processing	50 MMSCFD gas processing capacity with sales gas export integration
Condensate Stabilization	2,500 BBL/day condensate stabilization capacity
Utilities & Safety	Complete utility systems, safety systems and fire protection systems
Power Generation	Dedicated power generation systems for facility operations
Automation & Controls	Process automation, instrumentation and control system integration



Engineering & Procurement Highlights

Multi-discipline engineering deliverables and facility procurement packages for a greenfield upstream production facility.



PROCESS	MECHANICAL	INSTRUMENT	CIVIL
73	14	44	50
engineering deliverables	engineering deliverables	engineering deliverables	engineering deliverables

ENGINEERING DISCIPLINE DELIVERABLES	
Process Engineering	73 deliverables
Mechanical Engineering	14 deliverables
Instrument Engineering	44 deliverables
Electrical Engineering	16 deliverables
Civil Engineering	50 deliverables
Total Engineering Deliverables	197+ deliverables

- ✓ HP and LP pressure vessels
- ✓ Service water pumps
- ✓ CPI separator
- ✓ Loading arms
- ✓ Cathodic protection system
- ✓ Diesel generator set
- ✓ Shutdown and control valves
- ✓ UPS systems and field instrumentation
- ✓ Process water pumps
- ✓ IA and nitrogen generator package
- ✓ Condensate storage tanks
- ✓ Fire-fighting system
- ✓ Gas generator sets
- ✓ Distributed control system
- ✓ Electrical distribution systems



Construction Delivery Evidence

Quantified construction scope demonstrating multi-discipline field execution capacity.



PIPING	STRUCTURAL STEEL	ELECTRICAL CABLE	FIELD INSTRUMENTS
18,350	25 Tons	13,500 m	202 Nos.
total inch-dia installed	fabrication & erection	installation	installed

Mechanical / E&I Item	Quantity
Carbon Steel Welded Piping	13,000 Inch-Dia
Threaded Piping	1,650 Inch-Dia
HDPE Piping	1,800 Inch-Dia
CPVC Piping	1,900 Inch-Dia
Total Piping Installed	18,350 Inch-Dia
Structural Steel Fabrication & Erection	25 Tons
Electrical Cable Installation	13,500 Meters
Instrument Cable Installation	12,200 Meters
Field Instruments Installed	202 Nos.



Civil Construction Quantities

Civil material and construction quantities reflecting foundation, infrastructure and utility work-front execution.

Civil Construction Item	Quantity
Sand	87,742 CFT
River Sand	10,680 CFT
Crushed Aggregate	72,420 CFT
Stone	110,345 CFT
Stone Dust	40,374 CFT
Brick Tiles	11,250 Nos.
Cement	10,125 Bags
Reinforcement Steel	128,240 Kg

CIVIL EXECUTION CONTEXT	
Civil Delivery Focus	Foundation accuracy, material control, work-front sequencing and handover readiness
Execution Relevance	Supports equipment foundations, pipe supports, roads, utilities and structural concrete works



RISE Executed Scope

Civil, mechanical, electrical, instrumentation and commissioning-related activities delivered under integrated construction management.

Discipline	RISE Scope	Execution Focus
Civil Works	Equipment foundations; pipe support foundations; structural concrete works; roads and infrastructure; utility networks.	Foundation accuracy, constructability, civil interfaces and handover readiness.
Mechanical Works	Piping fabrication and installation; equipment installation; vessel installation; structural steel erection; utility systems; hydrotesting and mechanical completion.	Fit-up, erection control, pressure testing, punch-list closure and turnover packages.
Electrical & Instrumentation	E&I cable tray installation; power distribution systems; instrument installation; control systems integration; loop checking.	Cable management, instrument readiness, loop verification and energization support.
Commissioning Support	Functional testing, mechanical completion, pre-commissioning, commissioning, performance testing and operations support.	Safe start-up readiness, system ownership transfer and operating continuity.

✓ Greenfield facility development and construction management

✓ Process facility construction in a remote field environment

✓ Civil, mechanical, electrical and instrumentation integration

✓ HSE-compliant delivery and O&M transition support



Delivery Commitment & Governance

The Kot Palak-1 EPF Development Project reflects RISE ability to execute complex upstream oil & gas infrastructure under disciplined HSE, quality and commissioning controls.



CAPABILITY	INTEGRATION	LOCATION	CONTROL
Greenfield	Multi-Discipline	Remote Field	HSE
facility execution	civil / mech / E&I	logistics discipline	compliant delivery

Control Area	RISE Commitment
Project Governance	Construction planning, site coordination, discipline interfaces, reporting and client-aligned execution priorities
Handover Discipline	Mechanical completion, punch-list management, loop checking, functional testing and start-up support
Operational Transition	Operations and maintenance transition support for continued facility performance
Client Assurance	Professional documentation, structured scope control and clear accountability across work fronts

CLIENT ASSURANCE STATEMENT	
Execution Approach	Plan the work, control the interface, verify completion and hand over systematically
Client Objective	Provide safe and controlled delivery for energy-sector facilities where schedule, HSE and technical integrity matter
Commercial Positioning	Professional partner for technically demanding construction and industrial service scopes



Selected Construction Project Experience

Additional projects showcasing package installation, heavy equipment assembly, dismantling and relocation support.



PPL - AIR COOLER ASSEMBLY & INSTALLATION

Client	Pakistan Petroleum Limited (PPL)
Project	Air Cooler Assembly & Installation Project
Scope	Structural assembly, heavy lifting operations, tube bundle installation, mechanical equipment installation, electrical connections and final commissioning

OGDCL - COMPRESSOR PACKAGE INSTALLATION & COMMISSIONING

Client	OGDCL Pakistan
Project	Compressor Package Installation & Commissioning - Kunnar & Sinjhor
Scope	Foundation installation, off-skid works, equipment alignment, piping construction, grouting works, mechanical completion and start-up support

OGDCL - PLANT DISMANTLING & RELOCATION

Client	OGDCL Pakistan
Project	Plant Dismantling & Relocation Project - Hundi Sari
Scope	Dismantling, preservation, lifting, transportation and relocation preparation of compression facilities, glycol dehydration units, gas metering systems, power generation equipment, electrical infrastructure and process equipment



09 / CORPORATE PROFILE

HSE, Quality & Clientele

A zero-compromise approach to health, safety, environment and controlled execution, supported by industry exposure across major Pakistani oil & gas and process-sector clients.

- ✓ Permit-to-work compliance
- ✓ Toolbox talks
- ✓ Risk assessments
- ✓ Environmental protection measures
- ✓ Target: Zero Lost Time Incidents (LTI)
- ✓ Job hazard analysis
- ✓ Lifting and rigging plans
- ✓ Emergency response preparedness
- ✓ Continuous workforce training

HSE / Quality Area	Control Framework
HSE Culture	Safety leadership, workforce awareness, hazard identification and stop-work mindset
Construction Controls	Work permits, method statements, lifting plans, risk assessments and site coordination
Quality Interface	Inspection readiness, discipline checks, punch-list management and mechanical completion
Commissioning Readiness	Loop checking, functional testing, energization support and start-up coordination

- ✓ Pakistan Petroleum Limited (PPL)
- ✓ United Energy Pakistan (UEP)
- ✓ MOL Pakistan
- ✓ Fatima Fertilizer
- ✓ Oil & Gas Development Company Limited (OGDCL)
- ✓ Mari Petroleum
- ✓ Dewan Petroleum



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