

**MORE
EFFICIENT
IN OIL & GAS
EXTRACTION**

KERUI

SOLUÇÕES INTEGRADAS PARA A CADEIA DE P&G



High-End oil equipment
R&D manufacturer across
the industrial chain



Integrated oil & gas
field service and
solution provider



Oil & Gas EPC construction
building expert



Technology development
system covering the world



Great ecological landscape for
oil & gas field



Perfect global marketing
and service network



Excellent capacity for
global service delivery

CULTURA CORPORATIVA



Core Values

Solidarity and Cooperation,
Open and Innovative,
Quality Foremost,
Integrity and Responsibility,
Win-Win.



One Fundamental

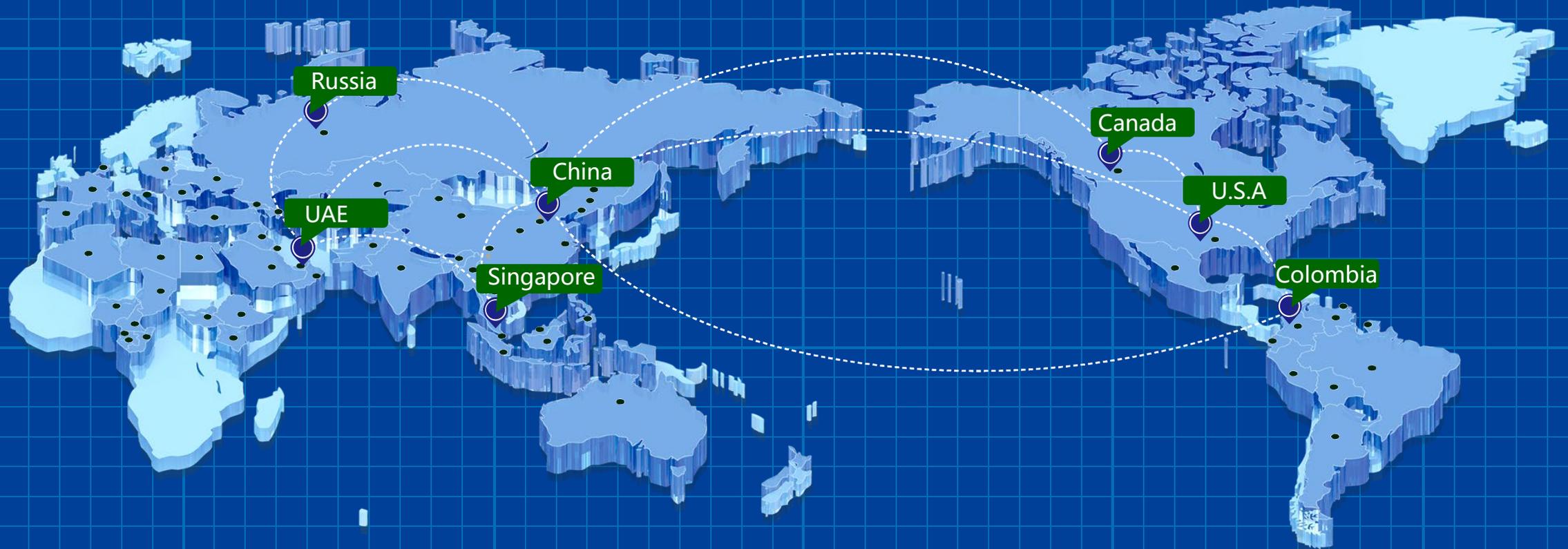
Customer-based,
talent-oriented.



Two Cores

Technology Leads Future,
Service Creates Value.

PRESENÇA GLOBAL



57

Global branches

33

Local service centers worldwide

7

Technical support centers

70%

Revenue from overseas market

3900

Suppliers and partners

220+

Petroleum companies

350+

Oilfield engineering and service companies

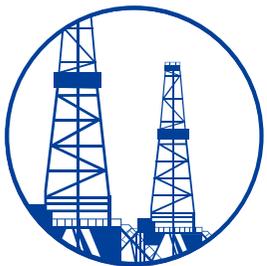
CLIENTES



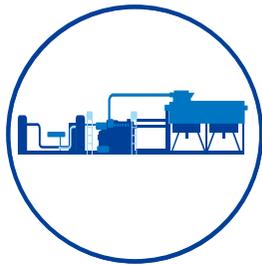
PARQUE FABRIL



2.4MMm²
High-end petroleum
equipment
industrial park



Drilling equipment
production base



Natural gas
compressor
production base



Oil & Gas Stimulation
equipment
production base



Oil recovery
machinery
production base



Wellhead and
well control
production base



Oil & gas process
production base



Houston coiled
tubing equipment
production base

TIME INTERNACIONAL

8000

Employees

1000

Foreign employees

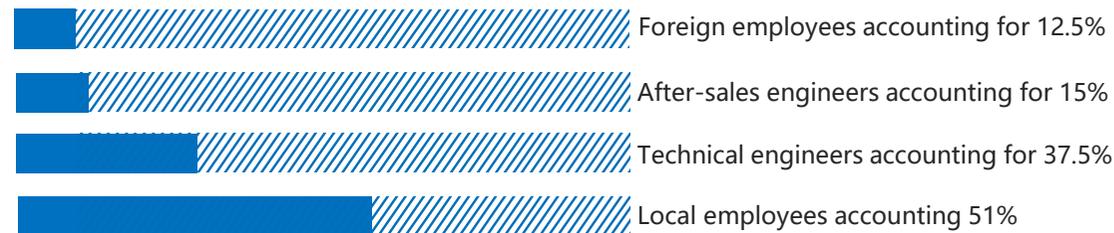
3000

Technical engineers

51%

local employee rate

Widely drawing talents from around the world, KERUI continuously conduct the core capacity training and practice and stimulate innovative ideas through learning, communication and fusion with, each other, making an efficient team with international business quality.



COOPERAÇÃO COM INSTITUIÇÕES ACADÊMICAS E DESENVOLVIMENTO DE P&D

20+
Universities and
research institutions

We have maintained long-term strategic partnership with 20+ universities and research institutions both at home and abroad and focused on developing and reserving premium talents to ensure our technology and innovation capacity takes the lead.



TIME DE P&D

2000
R&D
employees



• Technology developers 10+ years' 30%



• Graduate students 40%



• Senior engineers 60%

4%

Sales revenue
going to R&D

1500

Scientific research
achievements

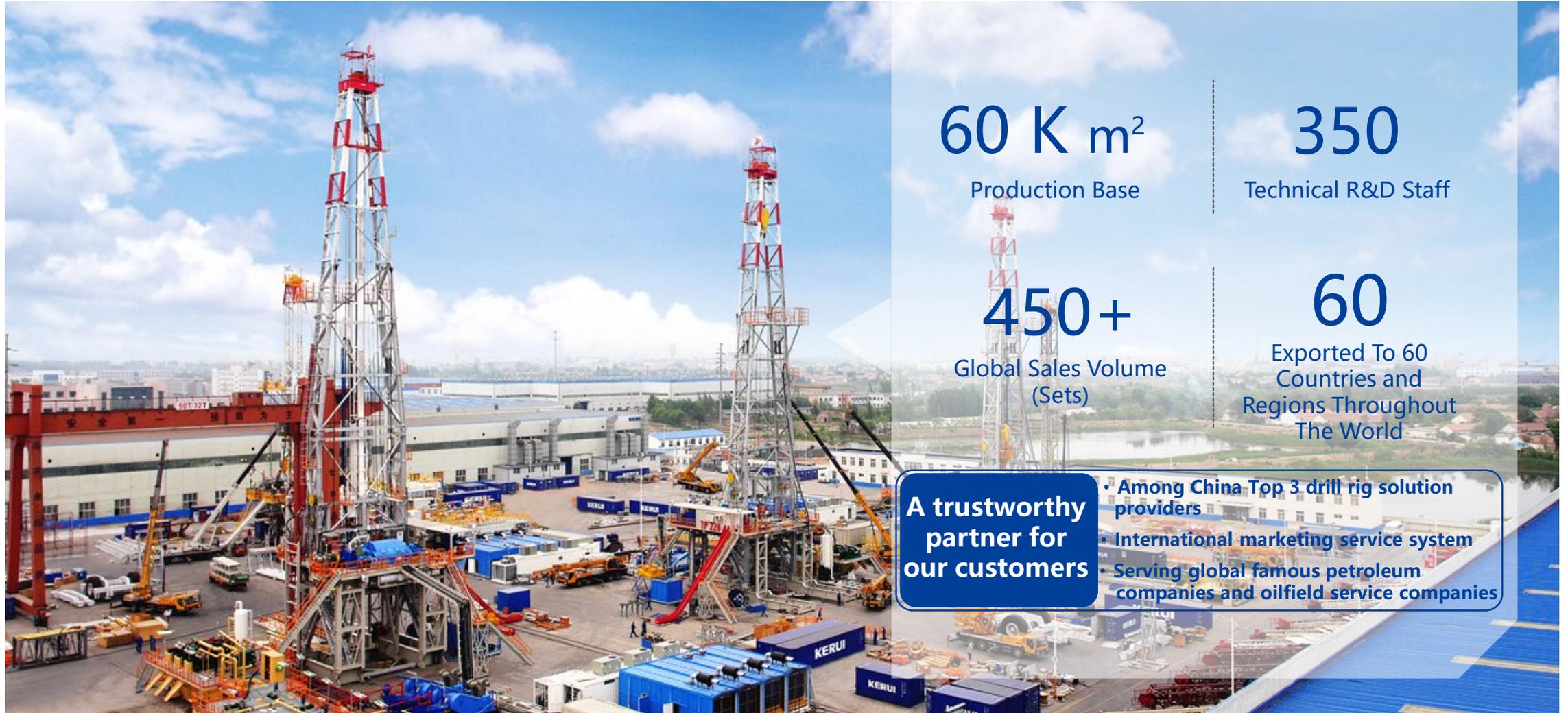
1000

Patent
technologys

16
Scientific research
laboratories

- The Mobile & On-site Lab
- The Petrophysics Lab
- The Imaging Lab
- The Petroleum Geochemistry Lab
- The Reservoir Stimulation Lab
- The Porous Media Flow Lab
- The Rock Mechanics Lab
- The Physical Simulation Lab
- The Micro-simulation Lab
- The Numerical Reservoir Simulation Lab
- The Fracturing and Acidizing Lab
- The Drilling Fluid Lab
- The EOR Lab
- The Oil Recovery and Gathering Lab
- The Environmental Lab
- Key Laboratory for Off-shore Petroleum Equipment

FABRICANTE INTERNACIONAL DE SONDAS DE PERFURAÇÃO



60 K m²

Production Base

350

Technical R&D Staff

450+

Global Sales Volume
(Sets)

60

Exported To 60
Countries and
Regions Throughout
The World

**A trustworthy
partner for
our customers**

- Among China Top 3 drill rig solution providers
- International marketing service system
- Serving global famous petroleum companies and oilfield service companies

FABRICANTE INTERNACIONAL DE SONDAS DE PERFURAÇÃO



Conventional Land Rig



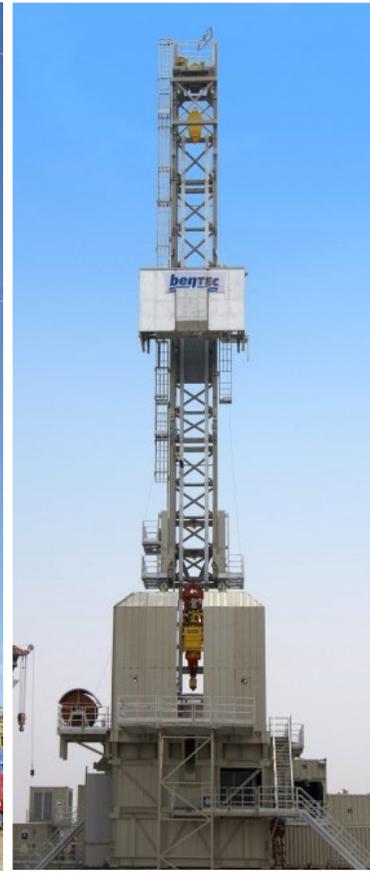
Special Land Rig



Truck-mounted Rig



Workover Rig



Arctic Drilling Rig



9000m Conventional Land Rig

FABRICANTE DE EQUIPAMENTOS DE ESTIMULAÇÃO DE POÇOS



Fracturing Spread



Cementing Unit



Nitrogen Generation Equipment



Liquid Nitrogen Pump Unit



Coiled Tubing Unit



Fracturing Pump, Cementing Pump

800 Annual production capacity (sets)

200

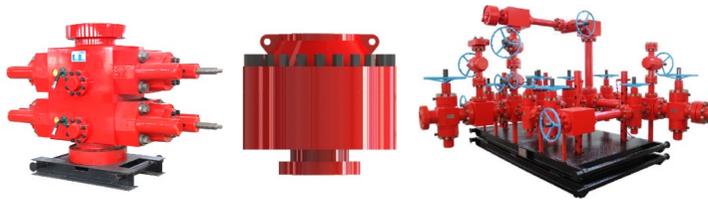
Annual production of membrane-separation nitrogen generator (sets)

70%

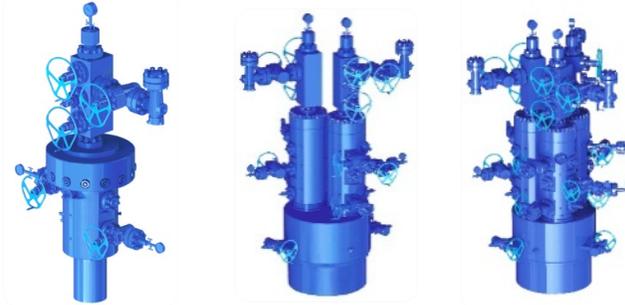
Market share of nitrogen generator in China



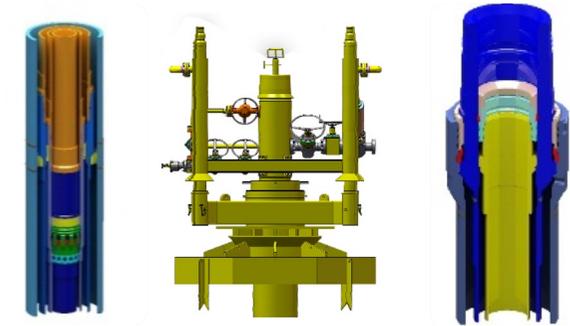
FABRICANTE DE EQUIPAMENTOS DE CABEÇA E CONTROLE DE POÇO



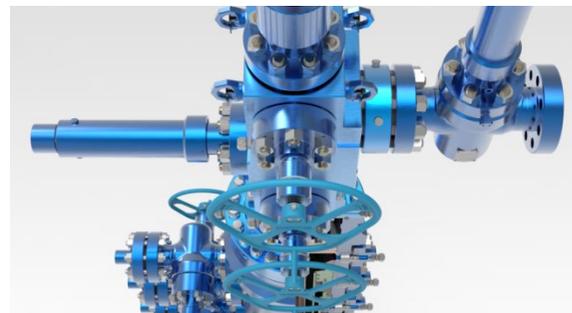
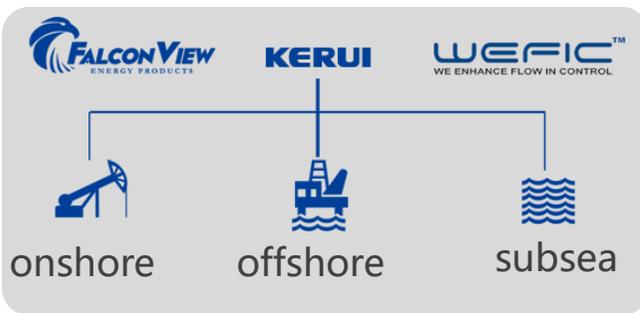
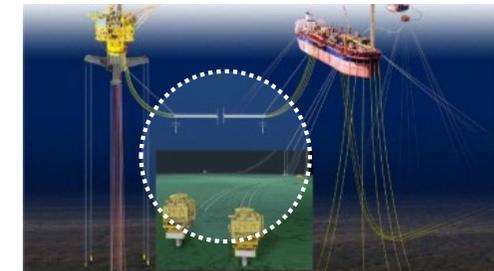
Bop & Bop Control System



Wellhead Equipment



Subsea Wellhead Equipment



140

Design and R&D staff

30000

Annual design and production capacity of high-end wellhead equipment (sets)

100+

Patent technology

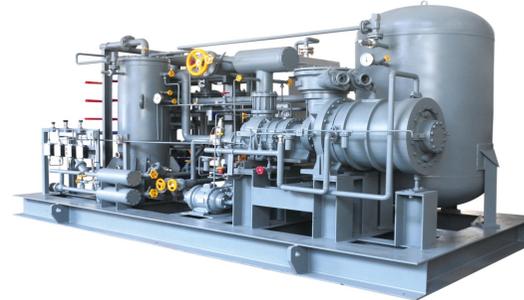
PROVEDOR DE SOLUÇÕES DE COMPRESSÃO DE GÁS NATURAL



Reciprocating Compressor



Centrifugal Compressor

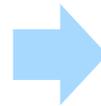


Screw Compressor



Generator Unit

KERUI



Authorized to Package

8000

Hour/year

25

year

70

MPA

-60

°C

120

°C

50+

10+ years' experience account



PROVEDOR PARA PROJETOS INTEGRADOS DE P&G

■ Pakistan's largest natural gas treatment project (EPCC)

Natural Gas Treatment

Oil & Gas Storage
and Transportation

Oil Refining

ENR Top 225

International Design Firms

ENR Top 250

International Contractors



Financing
Program



Standardized &
Modular Design



Project Quick Quotation
and Economic Analysis

PROJETOS EPC

Project Management

- Rich experienced project management specialists and team ;
- Advanced localization strategy;
- High efficient cost control measures;
- Complete project management system to guarantee the smooth execution of project

Design Capability

- we have word-lead design team, complete international design software. high efficient management system;
- On oil & gas engineering area, we can provide on-stop technical service of consultation ,conceptual design, feasibility study ,basic design, detailed design, management of design project and project evaluation.
- 24 patents in gas processing engineering.

Procurement Capability

- 1800 suppliers worldwide;
- Global sourcing and in-factory supervision, by Kerui purchasing centers in Asia, Europe and; America;
- International logistics platform and Kerui exclusive direct customs station

Construction Capability

- More than 10 years of construction experience, working with local regulations and local teams;
- Integrating local resources;
- Experienced management team





Pakistan Natural Gas Processing Plant EPCC

Engineering, procurement, construction, commissioning and startup for the gas plant including gas treatment, LPG extraction, gas compression, power generation and auxiliary facilities.

- **Capacity:** 7.6 MMSCMD
- **Sale gas production:** 6.4 MMSCMD
- **Condensate production:** 5058BPD
- **LPG production:** 413MTPD



Gabon TRCP Natural Gas Injection Station

Engineering, procurement, installation and commissioning of the natural gas compression and injection station, including 4 reciprocating compressor packages, separators, flares and auxiliary equipment as well as interconnecting pipes.

- **Capacity:** 600,000 SCMD
- **Duration:** 10 months



Uzbekistan CNG Stations

Engineering, procurement, installation, commissioning and startup of CNG stations cluster.

- **Capacity:** 50.000 SCMD /each station
- **Land area:** 4.000m² /each station
- **Quantity:** 46 stations

Gas Treatment Project in Middle East

Engineering, procurement, installation and commissioning of the TEG dehydration unit in the natural gas conditioning plant.

- **Capacity:** 3.45MMSCMD
- **Design life:** 30 years
- **Performance:** water dew point reducing to -20°C

Sichuan Dew Point Control Modular Plant



- **Capacity: 500,000 SCMD**
- **The plant includes process equipment, auxiliary facilities and utilities.**
- **Process modules:**
 - Low temperature separation unit**
 - Propane refrigeration unit**
 - Glycol regeneration unit**
 - Condensate stabilization unit**

Hengyang Zhongyou LNG Pretreatment Plant



- **Capacity:** 200,000 SCMD
- **Scope of work:** Process engineering, construction engineering
- **Process:** Acid gas removal by MEDA, dehydration by molecular sieve

CNPC Xingjiu Natural Gas Processing Plant



- **Capacity:** 500,000 SCMD
- **Scope of work:** Process engineering, construction engineering
- **Process:** LPG extraction



450,000TPA Methanol 300MMSCM/Y LNG Plant

EPC project of coke oven gas to methanol and LNG.

- Project investment: 260million USD

SERVIÇOS DE FINANCIAMENTO

Major financial institutions in China have become our partners to support our strategy of “Going beyond China” ; on the condition that all risks are under controlled, KERUI uses its investment and financing service to help customers solve funding bottleneck issues arising during the development.



SOFISTICADO SISTEMA DE GESTÃO DA QUALIDADE

Management System Certification

- American petroleum institute (API) Q1
- Quality management system ISO 9001
- Environmental management system ISO 14001
- Occupational health and safety management system OHSAS18001
- ASME quality management system
- TSG quality guarantee system
- CNAS laboratory accreditation

Production and Manufacturing System Certification

- American Petroleum Institute (API) 4F/7K/8C/11E/6A/16A/16C/6D/5DP
- ASME U/ U2/S qualification
- EU CE marking
- Custom Union CU-TR certification
- CCC certification
- Pressure vessel design license (A1/A2 level)
- Pressure vessel manufacturing license (A1/A2 level)
- Pressure tubing parts manufacturing qualification (A/B level)
- Production license for blow-out preventer and blow-out preventer control device
- Production license for pumping unit
- Metering standard assessment certificate

Engineering Design, consulting, Management Qualification

- Foreign contracting engineering qualification certificate of People' s Republic of China
- International Association of Drilling Contractors (IADC) qualification certification
- QHSE certification
- Safety production license
- EPC Qualification for chemical and petroleum projects
- Engineering design qualification
- EPC qualification for chemical and petrochemical industry projects
- Special equipment design license of People' s Republic of China
- Access license for engineering construction contractor of CNPC

Obrigada!

Contatos Kerui Brasil:

Julia Paletta Crespo
juliapaletta@keruigroup.com.br

Saul Plavnik
saulplavnik@keruigroup.com.br

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www.keruigroup.com



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