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- Full coverage of products and technical services
- Full range of professional resource services
- Optional services solution for the whole process

Full coverage of products and technical services

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In the field of oil and gas field operation and management, we provide products and technical services with full coverage Help customers to achieve safe, high quality, efficient and low-cost integrated station operations management





Full coverage of products and technical services



1. Operations management services

| The services content | Services scope | | |
|---|---|--|--|
| Station operations management | Central processing station, out-of-station oil and gas equipment, well site, long distance pipeline, off-site pump station, etc | | |
| Gas treatment system operations management | Natural gas treatment, sulfur recovery, natural gas dehydration, recovery of light hydrocarbon and liquefied gas, natural gas compression system, etc | | |
| Water treatment system operations management | Production sewage treatment, desalinated water treatment, water injection, etc | | |
| Power system operations management | Gas and oil turbine generator, diesel power generation, electric power overhead line, high and low voltage substation, etc | | |
| Laboratory operations management | Laboratory equipment | | |
| Operations management of cathodic protection system | Cathodic protection system control panels and detection point, etc | | |
| Wellhead operations management | Well tree, wellhead control panel, etc | | |

Full coverage of products and technical services



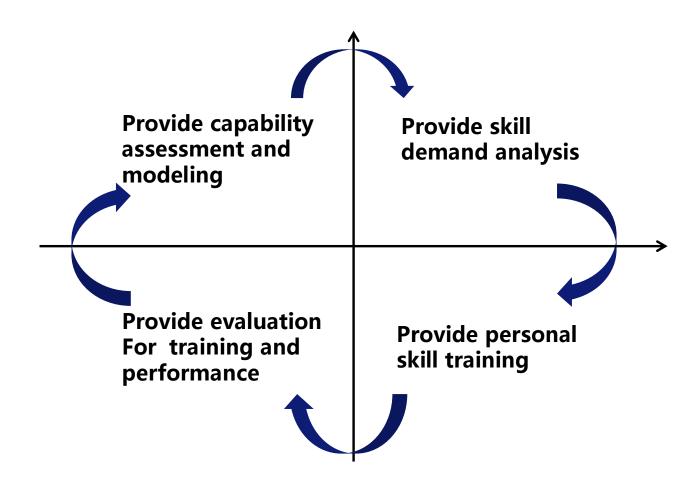
2. Maintenance management services

| The services content | Services scope | | |
|---|--|--|--|
| Integrated maintenance service | Mechanical maintenance service, pipeline service, electrical maintenance service, instrument maintenance service, repairing workshop service, scaffolding service, heating and ventilation service, insulation/painting/repairing service, control system maintenance service, electric welding service, etc | | |
| Non-production facility maintenance service | Camp maintenance service, fire and gas monitoring system maintenance service, diesel generator maintenance service, etc | | |





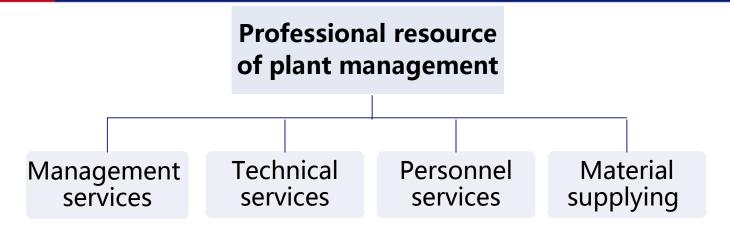
3. Positions skill training services



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- 1. Management services: Relying on high standard management system. Focus on customer demanding, establish plant management system. Make the station management in a efficient and safety modal. During the servicing time, connect Shell, Lukoil, CNOCP, CNOOC to establish the right plant management that satisfied by customer
- **2. Technical services :** High level professional engineers team provides the global technical services. Achieve accurate analysis, judgment and rapid solution of site problems, ensure equipment working rate, achieve sustainable and stable production
- **3. Personnel services :** A large number of experienced professional and technical personnel reserve. Have recruitment channels in multi-country labor market and a sound talent training system, ensure the continuous export of professional plant management personnel.
- 4. Material supply: Have the system of global supply chain, backup for worksite tools, materials and logistics clearance

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Focus on the demand of the customers, providing commissioning, operations & maintenance, integrated plant operations management services.

- **1. Commissioning Services**: Provide EPC project plans, commissioning plans. Provide the whole operations services from equipment testing to handover the smoothly station
- **2. Operations and Maintenance Services :** Provide the operations and maintenance services for all process from wellhead to oil export
- **3. Integrated operations and maintenance services :** Change the organization mode of plant operations management. Transfer the original specialized organization mode into the Integrated mode. By using site management, technology management, global supply chain and subcontractor management, to make the whole process under control, finally make the management achieve maximizing effectiveness



□ List of Services Experiences

| No. | Client | Name of Project | Type of Services | Type of Unit | Date of Service | Location of Service |
|-----|----------------|--|---------------------------------------|----------------------------------|--------------------|------------------------|
| 1 | Iraq SOC | Majnoon Integrated Oilfield | Oilfield operations management | Integrated Oilfield | 2018.4-2020.4 | Iraq-Majnoon |
| 2 | Lukoil | General Maintenance Services | Maintenance | CPF & FSF | 2016.7-2019.7 | Iraq-WQ2 |
| 3 | Petro China | CPF1,CPF2 O&M | Operation & First Line Maintenance | Oil Treatment | 2012.7-2018.4 | Iraq-Halfaya |
| 4 | | Gas Turbine- Generator Power Plant O&M | Operation & First Line Maintenance | Power Plant | 2015.3-2018.3 | |
| 5 | | Gas Receive Station(GRS) O&M | Operation & First Line Maintenance | Gas Treatment | 2013.1-2014.4 | |
| 6 | | Production Facility Maintenance | Maintenance | CPF & FSF | 2013.3-2019.9 | |
| 7 | | CPF Operation Project | Operation | oil, gas, water treatment | 2017.3-2019.3 | Iraq-Ahdeb |
| 8 | | Gas Lifting Oil Production Service | Operation & Maintenance | Gas lifting well and gas station | 2011.3-2013.3 | Sudan-KEYI |
| 9 | CNOOC | Production Facility Maintenance | Maintenance | CPF & FSF | 2012.12-Now | Iraq-Buzurgan |
| 10 | Gazprom | Well Control Panel Installation Services | Installation &Commissioning | Well Control Panel | 2016.6-2018.3 | Iraq-Badra |

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Project Type : General Maintenance Services

Project Name: Lukoil, GMS

Location : WQ-2 field, Iraq

Safety Operation Days: 1095





Project services content:

Provide all oilfield

- Mechanical maintenance services
- Electrical maintenance services
- Instrument maintenance services
- Smart pigging services of pipeline system
- Over Head Line maintenance services
- On Job Training services



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Project Type: Operations and maintenance services for central processing stations.

Project Name: CPF1, CPF2 O&M Services

Location: Halfaya field, Iraq

Safety Operation Days: 3514



- Provide all systems operations services for CPF1 and CPF2
- Mechanical maintenance services
- Electrical maintenance services
- Instrument maintenance services
- On Job Training services













Project Type: General maintenance Service

Project Name: General maintenance Service for

facility of Halfaya oilfield

Location: Halfaya oilfield, Iraq

Safety Operation Days: 2524 days

- Provide general maintenance services for all facility of Halfaya oilfield
- Vessel inspection and clean
- Electrical system updatation
- Facility update and new facility installation
- On job training
- Supply chain service for client













Project Type: Power plant operations and

maintenance services

Project Name : CPF-1, CPF-2 Power Plant O&M

Services

Location : Halfaya field, Iraq

Safety Operation Days: 3160









- Provide all operations systems services for power plant
- Mechanical maintenance services
- Electrical maintenance services
- Instrument maintenance services
- Operations and maintenance services for turbine





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Project Type: Operations and maintenance

services for gas station

Project Name: Gas station operations and

maintenance

Location : Halfaya field, Iraq

Safety Operation Days: 560

- Provide operations services for gas station
- Mechanical maintenance services
- Electrical maintenance services
- Instrument maintenance services
- On Job Training services













Project Type: Wellhead control panel services

Project Name: Wellhead control panel

purchasing and installation Services

Location: Halfaya/Badra oilfield, Iraq

Safety Operation Days: 760









- Design, manufacturing, installation, removing services for control panels
- Routine check services
- Operations services
- Maintenance services
- Hazard analysis and trouble shooting services
- Commissioning service





Project Type: General maintenance Service

Project Name: General maintenance Service for

block 11 in Iraq kurd area

Location : block 11 in Iraq kurd area

Safety Operation Days: 424 days



- Provide general maintenance services for all facility of Halfaya oilfield
- Updates, trouble shooting and replacement
- Facility update and new facility installation
- On job training
- Supply chain service for client



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Qualification Certificates

Continued safe and smooth operation days: 3040











ISO 9001:2015 ISO 14001:2015 OHSAS 18001:2007

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