Client:
Eni Pakistan Limited, Pakistan

Project Name:
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Badhra North-1 Wellhead Development, Bhit Concession, Sindh.

Description:
Flowline Works
1.2 Kms
- Excavation (Hard Rock Trenching)
- RoW Preparation, Grading, Stringing
- Pipeline Welding
- Lowering, Backfilling, Crowning

Civil Works
- Pipe Supports
- Equipment Foundations

Mechanical Works
- Piping Fabrication & Welding
- Structure Fabrication & Welding

Electrical Works
- Earthing Works
- Cable Laying

Instrumentation Works
- Field Instruments
- Control Panel
- Solar Installation,
- IR’s, GD’s
- Loop Testing etc

Equipment Erection
- Vent Stack, Control Panel
- CI Skid, Sour Gas Skid
- Wellhead Cooler

Year 2012
Execution Time 30 days
Client: Eni Pakistan Limited, Pakistan

Project Name: Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for K29 Wellhead Development, Kadanwari Concession, Sindh.

Description:
Flowline Works
14 Kms
- Excavation (Hard Rock Trenching)
- RoW Preparation, Grading, Stringing
- Pipeline Welding
- Lowering, Backfilling, Crowning

Civil Works
- Pipe Supports
- Equipment Foundations

Mechanical Works
- Piping Fabrication & Welding
- Structure Fabrication & Welding

Electrical Works
- Earthing Works
- Cable Laying

Instrumentation Works
- Field Instruments
- Control Panel
- Solar Installation,
- IR’s, GD’s
- Loop Testing etc

Equipment Erection
- Vent Stack, Control Panel
- CI Skid, Sour Gas Skid
- Wellhead Cooler

Year 2012
Execution Time 55 days
Client:
Eni Pakistan Limited, Pakistan

Project Name:
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for K-25 Wellhead Development, Kadanwari Concession, Sindh.

Year
2012

Execution Time
45 days

Description:
Flowline Works
2 Kms
- Excavation (Hard Rock Trenching)
- RoW Preparation, Grading, Stringing
- Pipeline Welding
- Lowering, Backfilling, Crowning

Civil Works
- Pipe Supports
- Equipment Foundations

Mechanical Works
- Piping Fabrication & Welding
- Structure Fabrication & Welding

Electrical Works
- Earthing Works
- Cable Laying

Instrumentation Works
- Field Instruments
- Control Panel
- Solar Installation,
- IR’s, GD’s
- Loop Testing etc

Equipment Erection
- Vent Stack, Control Panel
- CI Skid, Sour Gas Skid
- Wellhead Cooler
Client:
Eni Pakistan Limited, Pakistan

Project Name:
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Badhra Jabal Wellhead Development, Bhit Concession, Sindh.

Year  2012
Execution Time  30 days

Description:
Flowline Works
1.2 Kms
  Excavation (Hard Rock Trenching)
  RoW Preparation, Grading, Stringing
  Pipeline Welding
  Lowering, Backfilling, Crowning

Civil Works
  Pipe Supports
  Equipment Foundations

Mechanical Works
  Piping Fabrication & Welding
  Structure Fabrication & Welding

Electrical Works
  Earthing Works
  Cable Laying

Instrumentation Works
  Field Instruments
  Control Panel
  Solar Installation,
  IR’s, GD’s
  Loop Testing etc

Equipment Erection
  Vent Stack, Control Panel
  CI Skid, Sour Gas Skid
  Wellhead Cooler
Project Name:
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Sawan-12 Wellhead Development, Sawan Concession, Sindh.

Client:
Eni Pakistan Limited, Pakistan

Year: 2012
Execution Time: 22 days

Description:

Flowline Works
3.2 Kms
  - Excavation (Hard Rock Trenching)
  - RoW Preparation, Grading, Stringing
  - Pipeline Welding
  - Lowering, Backfilling, Crowning

Civil Works
  - Pipe Supports
  - Equipment Foundations

Mechanical Works
  - Piping Fabrication & Welding
  - Structure Fabrication & Welding

Electrical Works
  - Earthing Works
  - Cable Laying

Instrumentation Works
  - Field Instruments
  - Control Panel
  - Solar Installation,
  - IR’s, GD’s
  - Loop Testing etc

Equipment Erection
  - Vent Stack, Control Panel
  - CI Skid, Sour Gas Skid
  - Wellhead Cooler
Project Name:
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Badhra North-1 Wellhead Development, Miano Concession, Sindh.

Client:
Eni Pakistan Limited, Pakistan

Year: 2012
Execution Time: 30 Days

Description:
Flowline Works
1.2 Kms
- Excavation (Hard Rock Trenching)
- RoW Preparation, Grading, Stringing
- Pipeline Welding
- Lowering, Backfilling, Crowning

Civil Works
- Pipe Supports
- Equipment Foundations

Mechanical Works
- Piping Fabrication & Welding
- Structure Fabrication & Welding

Electrical Works
- Earthing Works
- Cable Laying

Instrumentation Works
- Field Instruments
- Control Panel
- Solar Installation,
- IR’s, GD’s
- Loop Testing etc

Equipment Erection
- Vent Stack, Control Panel
- CI Skid, Sour Gas Skid
- Wellhead Cooler
Client: Eni Pakistan Limited, Pakistan

Project Name:
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Badhra Jabal Wellhead Development, Bhit Concession, Sindh.

Description:
Manifold Development
Civil Works
- Pipe Supports
  ▪ Equipment Foundations
Mechanical Works
- Piping Fabrication & Welding
  ▪ Structure Fabrication & Welding
Electrical Works
- Earthing Works
- Cable Laying
Instrumentation Works
- Field Instruments
- LV Panels
- Loop Testing etc
Equipment Erection
- Vent Stack, Control Panel
- CI Skid, Sour Gas Skid
- Wellhead Cooler

Year: 2012
Execution Time: 8 Weeks
Client:
Eni Pakistan Limited, Pakistan

Project Name:
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction
Kadanwari K-20 Wellhead Development, Miano Concession, Sindh.

Description:
Flowline Works
800 meters DUPLEX
Excavation (Hard Rock Trenching)
RoW Preparation, Grading, Stringing
Pipeline Welding
Lowering, Backfilling, Crowning

Civil Works
Pipe Supports
Equipment Foundations

Mechanical Works
Piping Fabrication & Welding
Structure Fabrication & Welding

Electrical Works
Earthing Works
Cable Laying

Instrumentation Works
Field Instruments
Control Panel
Solar Installation,
IR’s, GD’s
Loop Testing etc

Equipment Erection
Vent Stack, Control Panel
CI Skid, Sour Gas Skid
Wellhead Cooler

Year
2012
Execution Time
4 weeks
**Client:**
OMV Pakistan Exploration GmbH, Pakistan

**Project Name:**
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Sawan 3 De-Bottlenecking Project, Sawan Concession, Sindh.

**Year:**
2012

**Execution Time:**
12 weeks

**Description:**
Flowline Works

**10.5 Kms**
- Excavation (Hard Rock Trenching)
- RoW Preparation, Grading, Stringing
- Pipeline Welding
- Lowering, Backfilling, Crowning

**Civil Works**
- Pipe Supports

**Mechanical Works**
- Piping Fabrication & Welding
- Structure Fabrication & Welding

**Electrical Works**
- Earthing Works
- Cable Laying
**Project Name:**
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Miano 15 Wellhead Development, Miano Concession, Sindh.

**Client:**
OMV Pakistan Exploration GmbH, Pakistan

**Description:**
Flowline Works

- 5 Kms
- 6 Kms Flowline Retrieval
- RoW Preparation, Grading, Stringing
- Pipeline Welding
- Lowering, Backfilling, Crowning

**Civil Works**
- Pipe Supports
- Equipment Foundations

**Mechanical Works**
- Piping Fabrication & Welding
- Structure Fabrication & Welding

**Electrical Works**
- Earthing Works
- Cable Laying

**Instrumentation Works**
- Field Instruments
- Control Panel
- Loop Testing, etc.

**Equipment Erection**
- Vent Stack, Control Panel
- CI Skid, Sour Gas Skid
- Wellhead Cooler

**Year** 2012
**Execution Time** 4 weeks
Client:
BHP Petroleum Pakistan

Project Name:
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Zam 8 & 10 Wellhead Development, Zamzama Concession, Sindh.

Year: 2012
Execution Time: 16 weeks

Description:
Flowline Works
10 Kms DUPLEX
- RoW Preparation, Grading,
- Stringing
- Pipeline Welding
- Lowering, Backfilling, Crowning

Civil Works
- Pipe Supports
- Equipment Foundations

Mechanical Works
- Piping Fabrication & Welding
- Structure Fabrication & Welding

Electrical Works
- Earthing Works
- Cable Laying

Instrumentation Works
- Field Instruments
- Control Panel
- Loop Testing, etc.

Equipment Erection
- Vent Stack, Control Panel
- CI Skid, Sour Gas Skid
- Wellhead Cooler
Client:
Eni Pakistan Limited, Pakistan

Project Name:
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for K28 / K30 Wellhead Development, Kadanwari Concession, Sindh.

Description:
Wellhead Development
Civil Works
- Pipe Supports
- Equipment Foundations
- Anchor Block

Mechanical Works
- Piping Fabrication & Welding
- Structure Fabrication & Welding

Electrical Works
- Earthing Works, Cable Laying

Instrumentation Works
- Field Instruments
- Control Panel
- Loop Testing, etc

Equipment Erection
- Vent Stack Control Panel
- CI Skid, Sour Gas Skid
- Wellhead Cooler

Year 2012
Execution Time 6 weeks
**Client:**
OMV Pakistan Exploration GmbH, Pakistan

**Project Name:**
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Tajjal-4 Wellhead Development, Sawan Concession, Sindh.

**Year**
2012

**Execution Time**
12 weeks

**Description:**
Flowline Works

- **13.5 Kms**
  - RoW Preparation, Grading,
  - Stringing
  - Pipeline Welding
  - Lowering, Backfilling, Crowning
  - Nara Canal crossing – 600 meters HDD

**Civil Works**
Pipe Supports
Equipment Foundations

**Mechanical Works**
Piping Fabrication & Welding
Structure Fabrication & Welding

**Electrical Works**
Earthing Works
Cable Laying

**Instrumentation Works**
Field Instruments
Control Panel
Loop Testing, etc.

**Equipment Erection**
Vent Stack, Control Panel
CI Skid, Sour Gas Skid
Wellhead Cooler
Client:
Eni Pakistan Limited, Pakistan

Project Name:
Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for K27 Wellhead Development, Kadanwari Concession, Sindh.

Year
2012

Execution Time
12 weeks

Description:
Flowline Works
14 Kms
- RoW Preparation, Grading,
- Stringing
- Pipeline Welding
- Lowering, Backfilling, Crowning

Civil Works
- Pipe Supports
- Equipment Foundations

Mechanical Works
- Piping Fabrication & Welding
- Structure Fabrication & Welding

Electrical Works
- Earthing Works
- Cable Laying

Instrumentation Works
- Field Instruments
- Control Panel
- Loop Testing, etc.

Equipment Erection
- Vent Stack, Control Panel
- CI Skid, Sour Gas Skid
- Wellhead Cooler
Client:
Eni Pakistan Limited, Pakistan

Project Name:
Construction of South Valve Station (Remote Site) – Earthworks, Civil Works at Kadanwari Concession, Sindh.

Year
2012

Execution Time
4 weeks

Description:
Earth Works
- Sand cutting and filling
- Leveling, grading & compaction
- Gravel Laying (Hard Capping)
- Fence Installation

Civil Works
- Pipe Supports
- Anchor Blocks
- Pig Launcher / Receiver
- Foundations

Mechanical Works
- Piping Fabrication & Welding
- Structure Fabrication & Welding
Client:
Eni Pakistan Limited, Pakistan

**Project Name:**
Supply, Design, Installation, Commissioning, Operations & Maintenance of 440 HP Compression Station at West Valve Station, Kadanwari, Sindh.

**Year:** 2012
**Execution Time:** 4 weeks

**Description:**
*Compression Station Design*
- Compressor Packages
- Piping Layout / Process
- Piping
- Civil Foundation / Pipe Supports

*Civil Works*
- Compressor Foundation
- Pipe Civil Supports

*Mechanical Works*
- Piping Fabrication & Welding
- piping radiography, hydrotesting
- piping installation, hook up
- main trunk line tie-ins

*Installation Works*
- compressor packages
- piping, valves and associated equipment’s

*Instrumentation Works*
- cable laying, tubing installation
- control panel hook up, loop testing

*Commissioning*
- compressor packages
- control panel
- complete compression station
Client:
Eni Pakistan Limited, Pakistan

Project Name:
K6 Compressor Installation

Year
2011

Execution Time
21 Days

Description:
Compressor Installation

Civil Works
- Ground Preparation
  - including grading, excavation, compaction, leveling
- Pipe Supports
- Compressor package foundations

Mechanical Works
- Compressor installation & leveling
- piping fabrication, welding
- piping radiography, hydrotesting & installation

Instrumentation Works
- cable laying, tubing installation
- Control Panel installation, loop testing, hook up and commissioning

Compressor Package Commissioning
Project Name: K23 Compressor Installation

Client: Eni Pakistan Limited, Pakistan

Year: 2011
Execution Time: 45 Days

Description:

Compressor Dismantling
- Dismantling of compressor from K1 Wellhead along with piping & instrumentation
- Transportation of compressor package from K1 wellhead to K23 wellhead

Compressor Installation

Civil Works
- Ground Preparation including grading, excavation, compaction, leveling
- Pipe Supports
- Compressor package foundations

Mechanical Works
- Compressor installation & leveling
- Piping fabrication, welding
- Piping radiography, hydrotesting & installation

Instrumentation Works
- Cable laying, tubing installation
- Control Panel installation, loop testing, hook up and commissioning

Compressor Package Commissioning
Client:
Fatima Fertiliser Company Limited, Pakistan

Project Name:
Supply, Design, Installation, Commissioning, Operations & Maintenance of 1700 HP Compression Station at FFCL Compression Site, Daharki Sindh.

Description:

Compression Station Design
- Compressor Packages
- Piping Layout / Process
- Piping
- Civil Foundation / Pipe Supports

Compressor Installation

Civil Works
- Compressor Foundation
- Pipe Civil Supports

Mechanical Works
- Piping fabrication, welding,
- piping radiography,
- hydrotesting
- Piping installation, hook up
- main trunk line tie-ins

Installation Works
- compressor packages
- piping, valves and
- associated equipment’s

Instrumentation Works
- Cable laying, tubing installation
- control panel hook up, loop testing

Commissioning
- compressor packages
- control panel
- complete compression station

Year 2010
Execution Time 16 weeks
Project Name:
Mechanical, Electrical, Instrumentation Installation Works of TGA Compressor at Tando Ghulam Ali Remote Facility, Sindh, Pakistan

Client:
BP Pakistan Exploration & Production Inc., Pakistan

Description:
Compressor Installation
- Lifting and Assistance
- Leveling and Grouting

Mechanical Works
- piping fabrication, welding, piping radiography, hydrotesting
- Piping installation

Electrical Works
- Cable Laying
- Loop Testing

Instrumentation Works
- Instrument Calibration & Installation
- Tubing Installation

Commissioning
- Piping system
- Electrical cables
- Instrument equipment, tubing etc.

Year
2010

Execution Time
1 Month
Client: Eni Pakistan Limited Karachi, Pakistan

Project Name: K24 Wellhead / Flow line Works

Description:
Wellhead Construction
- Mechanical / Piping Works
- Civil / Foundation Works
- Instrumentation Works
- Electrical Works
- Steel Structure Works

Pipeline Construction
2 Kms Pipeline
- Fabrication, Welding, Sleeving, sand blasting
- Radiography, Hydrotesting
- Lowering, FOC Laying, Backfilling

Pipeline Civil Works
- Anchor Block
- Pipeline Markers

Instrumentation Works
- IFOC Laying & Installation

Wellhead / Flow line Commissioning

Year 2010
Execution Time 34 Days
Client:
BP Pakistan Exploration & Production Inc., Pakistan

Project Name:
Mechanical, Installation Works of Missri Oil Handling Facility at Missri ETF, Sind Pakistan

Description:

Installation
- Loading Arm, Air Compressor
- Generator, Horizontal Oil Tanks
- Pig Launcher, Separator

Mechanical Works
- Piping fabrication, welding
- Piping radiography, hydrotetsting
- Piping installation
- Pipe Supports, Crossovers
- Painting & Coating
  - Surface preparation
  - Sand blasting
  - Painting

Commissioning
- Piping system
- Oil Loading Dock with pumps
- 3 Phase Separation
- Pig Launcher
- Generator

Year
2010

Execution Time
1 month
Client: Eni Pakistan Limited Karachi, Pakistan

Project Name: K23 Wellhead / Flow line Works

Description:

Wellhead Construction
- Mechanical / Piping Works
- Civil / Foundation Works
- Instrumentation Works
- Electrical Works
- Steel Structure Works

Pipeline Construction
2.8 Kms Pipeline
- Fabrication, Welding, Sleeving, sand blasting
- Radiography, Hydrotesting
- Lowering, FOC Laying, Backfilling

Pipeline Civil Works
- Anchor Block
- Pipeline Markers

Instrumentation Works
- FOC Laying & Installation

Wellhead / Flow line Commissioning

Year: 2011
Execution Time: 32 Days
Client:
Eni Pakistan Limited Karachi, Pakistan

Project Name:
K21 Wellhead / Flow line Works

Year 2010
Execution Time 40 Days

Description:
Wellhead Construction
- Mechanical / Piping Works
- Civil / Foundation Works
- Instrumentation Works
- Electrical Works
- Steel Structure Works

Pipeline Construction
3.7 Kms Pipeline
- Fabrication, Welding, Sleevng, sand blasting
- Radiography, Hydrotesting
- Lowering, FOC Laying, Backfilling

Pipeline Civil Works
- Anchor Block
- Pipeline Markers

Instrumentation Works
- FOC Laying & Installation

Wellhead / Flow line Commissioning
**Project Name:**
K21 Compressor Installation

**Client:**
Eni Pakistan Limited Karachi, Pakistan

**Description:**

**Compressor Dismantling**
- Dismantling of compressor from K18 Wellhead along with piping & instrumentation
- Transportation of compressor package from K18 wellhead to K21 wellhead

**Compressor Installation**

**Civil Works**
- Ground Preparation including grading, excavation, compaction, leveling
- Pipe Supports
- Compressor package foundations

**Mechanical Works**
- Compressor installation & leveling
- Piping fabrication, welding
- Piping radiography, hydrotesting & installation

**Instrumentation Works**
- Cable laying, tubing installation
- Control Panel installation, loop testing, hook up and commissioning

**Compressor Package Commissioning**

**Year**
2010

**Execution Time**
21 Days
Client:
Eni Pakistan Limited Karachi, Pakistan

Project Name:
K19 Wellhead / Flow line Works

Year
2010

Execution Time
40 Days

Description:

Wellhead Construction
- Mechanical / Piping Works
- Civil / Foundation Works
- Instrumentation Works
- Electrical Works
- Steel Structure Works
Pipeline Construction
- 5 Kms Pipeline
Pipeline Civil Works
- Anchor Block
- Pipeline Markers
Instrumentation Works
- FOC Laying & Installation
Wellhead / Flow line Commissioning
Client:
Eni Pakistan Limited Karachi, Pakistan

Project Name:
West Valve Station Up gradation Works

Description:
- Cutting / Levelling of 25,000 cum
- Cutting / Levelling /
  Compaction of 95% of 40,000 cum
- Fence Installation Works – 1000 RM

Civil Works
- Septic Tank
- Toilet
- Parking Area
- 200 m Access Road

Year 2010
Execution Time 45 Days
Project Name: K18 Wellhead Compressor Installation

Client:
Eni Pakistan Limited Karachi, Pakistan

Description:
Compressor Installation
Mechanical Works
- Piping
- Pipe Supports
- Local Vent Structure
Civil Works
- Pipe Supports
- Compressor Foundation
- Vent Stack Structure
- Foundation
- Pre-Cooler Foundation
Installation Works
- Instrument Calibration & Installation
- Tubing Installation
Commissioning
- Compressor
- Pre Cooler
- Slug Catcher / Blow Case

Year: 2009
Execution Time: 33 Days
Client:
Eni Pakistan Limited Karachi, Pakistan

Project Name:
K12 Wellhead Installation Works

Year
2009

Execution Time
23 Days

Description:

Wellhead Construction
- Mechanical / Piping Works
- Civil / Foundation Works
- Instrumentation Works
  - Control Panel
  - Choke Valve
  - Instrumentation
- Solar Panel / Arrays
- PT’s, FT’s, Cables & Tubing
- X-Mas Hydraulic Oil System

Electrical Works

Steel Structure Works
- Vent Stack Structure
- Control Panel Shed
- Choke Access Platform
- Wing Valve Access Platform

Wellhead / Flow line Commissioning
Client:
Eni Pakistan Limited Karachi, Pakistan

Project Name:
Mechanical, Electrical, Instrumentation and Civil Works for 3 years on Call-Out Basis for Tajjal Concession, Sindh, Pakistan

Description:
Mechanical Works
Pipeline Construction
Electrical Works
- Instrumentation Works
- Civil works

Year
2009

Execution Time
3 years, 2009-2012
**Project Name:**
Mechanical & Construction Works at BPP Khaskheli Gas Field, Sind Pakistan

**Client:**
BP Pakistan Exploration & Production Inc.

**Description:**
- Mechanical Works;
- Jet Pump Installations
- Facility Upgrades
- Compressor Installations
- New Plant Installation

**Year** 2009
**Execution Time** On-going
Client: Petroleum Exploration Limited, Pakistan

Supply, Design, Installation, Commissioning, Operations & Maintenance of 900 HP Compression Station at PEL Block 22 Compression Site, Shikarpur Sindh.

Year 2008
Execution Time 6 Months

Description:
Compression Station Design
- Compressor Packages
- Piping Layout / Process Piping
- Civil Foundation / Pipe Supports

Civil Works
- Compressor Foundation
- Pipe Civil Supports

Mechanical Works
- Piping Fabrication & Welding
- Piping radiography, hydrotesting
- Piping installation, hook up
- Main trunk line tie-ins

Installation Works
- Compressor packages piping, valves and associated equipment's

Instrumentation Works
- Cable laying, tubing installation
- Control panel hook up, loop testing

Commissioning
- Compressor packages control panel
- Complete compression station
Client:
Eni Pakistan Limited Karachi, Pakistan

Project Name:
K17 Flow line and Wellhead Tie-In & Associated Works at Kadanwari Gas Field, Sindh Pakistan

Description:
*Pipeline Construction – 3.7 Kms*

*Wellhead Facility (Mechanical, Civil, Instrumentation, Electrical)*
- Wellhead Tie-In
- Fiber Optic Installation & Commissioning
- Pipeline Sleevings
- Pipeline Lowering
- Pipeline Commissioning
- Wellhead Commissioning
- And Associated Works

Year
2008

Execution Time
Project was completed within 7 weeks against the scheduled 11 weeks completion / execution period.
Client: Eni Pakistan Limited Karachi, Pakistan

Year: 2008

Execution Time: Project was completed within 4 weeks.

Project Name: Earthworks (Water/Drilling/Mud Pits Restoration, Wellhead Reinstatement) at Kadanwari Gas Field, Sind Pakistan

Description:
- Water Pit Decanting
- Mud Pit Decanting
- Water Pit Restoration (Backfilling, Compaction)
- Mud Pit Restoration (Backfilling, Compaction)
- Wellhead Reinstatement (Cleaning, Grading, Leveling, Cutting, Compaction)
Client:
Eni Pakistan Limited Karachi, Pakistan

Project Name:
K18 Flow line Repair Works at Kadanwari Gas Field, Sind Pakistan

Description:
- Excavation
- Pigging
- Pipeline Removal
- Pipeline Repair (Fabrication, Welding, RT)
- Pipeline Tie-In
- Insulation Sleeving
- Hydrotesting
- Pipeline Commissioning

Year
2008

Execution Time
Project was initialized including mobilization and was completed including repair and pipeline commissioning within 5 days.
Client:
Sharjah Electric & Water Authority, Sharjah UAE.

Project Name:
SEWA Wasit Power Station Sharjah

Year 2006

Description:
Engineering, Procurement, Installation, Commissioning, Testing / Start Up of 02 Nos. Superior Reciprocating Gas Compressor Packages & 2 x 60 MW Gas Turbines Power Station including Air Compressor, Transformers, Sub Stations and ancillary equipment

Gas Turbine Rolls Royce
USA Trend 60 MW each

Control Panel
RR Entronic Control

Compressor Superior MH62 Model

Engine
Teco Westinghouse 1500 KW induction Type Motor

Cooler
ACE Single Fan, Forced Draft

Control Panel
On-skid Murphy Control panel
Client:
Eni Pakistan Limited, Karachi Pakistan.

Description:
Half Life Overhaul of RB 211 Gas Generators

Half Life Refurbishment of Rolls Royce Refurbished RB 211 Gas Generator

Year: 2006
Execution Time: 1 year and 6 months
Principal: Rolls Royce Power Engineering UK

Project Name:
Bhit Gas Field, Sind
**Project Name:**
Bhit Gas Field Project

**Client:**
Eni Pakistan Limited, Karachi Pakistan.

**Year**
2006

**Execution Time**
Supplies were completed within 06 months.

**Principal**
Rolls Royce Power Engineering, UK

**Description:**
Supply of 01 No Spare RB 211 Gas Generator for the Bhit Gas Field.
Client:
Oil & Gas Development Corporation, Islamabad.

Project Name:
Bobi Gas Field

Year
2004

Execution Time
Project was completed within 3 months

Principal
Cooper Energy Services, USA

Description:
Restaging of Ajax Compressor Packages – 05 Nos
Supply of Spare parts of Ajax Gas Compressors (05 Nos.)
**Client:**
Eni Pakistan Ltd, Karachi.

**Project Name:**
Bhit Gas Field

**Description:**
Supply of Two Year Operating Spares to Lasmo Oil Pakistan Ltd for the 3 Gas Turbines, Rolls Royce manufactured purchased for the Power Generation of their newly developed Bhit Gas Field.

<table>
<thead>
<tr>
<th>Year</th>
<th>2002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Execution Time</td>
<td>Supplies were completed within 6 months.</td>
</tr>
<tr>
<td>Principal</td>
<td>Rolls Royce Power Engineering UK</td>
</tr>
</tbody>
</table>
Project Name:
Supply of Gas Compressor Package

Client:
Orient Petroleum Inc., Islamabad

Year
2002

Execution Time
Supplies were completed within 10 months.

Principal
Cooper Energy Services, USA

Description:
Gas Engine Driven Compressor

Compressor
Ajax Model DPC-2803

Engine
Composite with Compressor

Air Filtration
Standard

Engine Cooling
Standard
Project Name:
Bhit Gas Field Development Project

Client:
Orient Petroleum Inc., Islamabad

Year:
2001

Execution Time:
Supplies were completed within 18 months.

Principal:
Rolls Royce Power Engineering, UK

Description:
Supply of 3 Gas Turbines to be installed and produce power for the Bhit Gas Field.
Client:
Oil & Gas Development Company Limited

Project Name:
EPC Contract of Gas Metering Station at Fauji Kabirwala Power Plant

Year
1998

Execution Time
6 Months

Description:
Two (02) 4” dia senior orifice type fitting meter runs

Necessary valves arrangement
Two 8”, class 600, flanges for upstream and downstream SNGPL facilities connection.

Two electronic flow computers, dedicated to each meter run.

Pressure, Temperature and Differential Pressure transmitters.

On-Line Gas Chromatograph Report printer

Room for equipment monitoring and reports printing

UPS for 8 hrs of operation
Client:
Oil & Gas Development Corporation, Islamabad.

Description:
Engineering, Procurement, Construction, Tie-In, Commissioning of Gas Gathering System and Gas Transport Pipeline Supply at Panjpir Gas Field

Year
1996

Execution Time
2 Years

Principal
Sicon Oil & Gas s.r.l., Italy.

Project Name:
Gas Gathering System and Gas Transport Pipeline Supply at Panjpir Gas Field.
Client: Sui Southern Gas Company Limited, Karachi.

Project Name: Supply of Steam Boilers

Description: Design, Engineering & Supply of:
- Two Steam Boilers 177,000 LB/Hr
- Eight Boiler Feed Water Pumps
- Five Condenser Pumps
- Three Deaerators
- Ancillary Equipment

Year Execution Time
1994 1 Year

Principal
Sicon Oil & Gas s.r.l., Italy.
COMPRESSION PROJECTS
**Client:**
Engro Fertilisers Company Limited, Pakistan

**Project Name:**

**Year** 2015

**Execution Time** 30 Days

**Description:**
*Compressor Installation Works*
- 3 Compressors, 7,950 HP – 150 MMscfd
  - Lifting and Installation
  - Inter Skid Piping
  - Inter Skid Instrumentation & Electrical

*Package Works*
- Compressor Cylinder Installation
- Engine Installation
- Suction & Discharge Bottles Installation

*Mechanical Works*
- piping fabrication & welding,
- Structure Fabrication & Welding

*Electrical Works*
- Earthing works, Cable Laying
- Panel Terminations, Loop Testing & Verification

*Instrumentation Works*
- Field Instruments
- Control Panel
- Loop Testing, Verification, etc.

*Equipment Erection*
- Compressor / Engine Skid Cooler

*Commissioning*
- Pre-commissioning checks & verification
- Commissioning, start-up & Performance Testing
### Project Name:
Mechanical, Electrical, Instrumentation, Civil & Installation for Bhit Wellhead Booster Compressors at Bhit Gas Field, Kirthar Concession, Sindh.

### Client:
Eni Pakistan Limited, Pakistan

### Year
2014 / 2015

### Execution Time
210 Days

### Description:
**Compressor Installation Works**
- 10 Compressors, 20,000 HP – 200 MMscfd
  - Lifting, Installation & Grouting
  - Inter Skid Piping
  - Inter Skid Instrumentation & Electrical
  - Slug Catcher & Blow Case

**Civil Works**
- Equipment Foundations & Pipe Supports

**Mechanical Works**
- Piping fabrication & welding,
  - Structure Fabrication & Welding

**Electrical Works**
- Earthing works, Cable Laying
  - Panel Terminations, Loop Testing & Verification

**Instrumentation Works**
- Field Instruments
  - Control Panel
  - IR’s, GD’s
  - Loop Testing, Verification, etc.

**Equipment Erection**
- Compressor / Engine Skid
- Slug Catcher / Blow Case Skid
- Cooler

**Commissioning**
- Pre-commissioning checks & verification
- Commissioning, start-up & Performance Testing
Client:
Eni Pakistan Limited, Pakistan

Project Name:
Mechanical, Electrical, Instrumentation, Civil & Installation for Kadanwari Wellhead Booster Compressors at Kadanwari Gas Field, Tajjal Concession, Sindh.

Description:
Compressor Installation Works

5 Compressors, 6,900 HP – 100 MMscfd
- Lifting, Installation & Grouting
- Inter Skid Piping
- Inter Skid Instrumentation & Electrical
- Slug Catcher & Blow Case

Civil Works
- Equipment Foundations & Pipe Supports

Mechanical Works
- Piping fabrication & welding,
  Structure Fabrication & Welding

Electrical Works
- Earthing works, Cable Laying
- Panel Terminations, Loop Testing & Verification

Instrumentation Works
- Field Instruments
  Control Panel
- IR's, GD's
  Loop Testing, Verification, etc.

Equipment Erection
- Compressor / Engine Skid
- Slug Catcher / Blow Case Skid
- Cooler

Commissioning
- Pre-commissioning checks & verification
- Commissioning, start-up & Performance Testing

Year
2014 / 2015

Execution Time
210 Days
Client:
MOL Pakistan Limited, Pakistan

Year
2014 (on-going)

Execution Time
1 Year

(staggered deliveries as per customer production requirements)

Description:
Compressor Package(s) supplies x 13 Units
12 Compressors, 17,280 HP 450 MMscfd
- Compressor, Cameron MH62 Engine, Cameron Superior
- 16SGT 2000 HP Slug Catcher & Blow Case
- (1500 bpd each) Cooler

Compression Station Design
- Compressor Packages
- Piping Layout / Process Piping
- Civil Foundation / Pipe Supports

Civil Works
- Compressor Foundation
- Pipe Civil Supports
- Grouting

Mechanical Works
- Piping fabrication & welding,
- piping radiography,
- hydrotetsing
- piping installation, hook up
- Main trunk line tie-ins

Installation Works
- Compressor packages
- Piping, valves and associated equipments

Instrumentation Works
- cable laying, tubing installation
- control panel hook up, loop testing

Commissioning
- compressor packages
- control panel
- complete compression station

After Market Support
- Spare Parts Inventory
Project Name:

Client:
Eni Pakistan Limited, Pakistan

Year: 2014 (on-going)
Execution Time: 1 Year
(staggered deliveries as per customer production requirements)
14 Weeks, FOB Delivery of Compressor

Description:
Compressor Package(s) supplies x 4 Units
- Compressor, Cameron Ajax DPC 2804
- Engine, Cameron Ajax DPC 2804 880 HP
- Cooler

Compression Station Design
- Compressor Packages
- Piping Layout / Process Piping
- Civil Foundation / Pipe Supports

Civil Works
- Compressor Foundation
- Pipe Civil Supports
- Grouting

Mechanical Works
- Piping fabrication & welding,
- piping radiography,
- hydrotetsing
- piping installation, hook up
- Main trunk line tie-ins

Installation Works
- Compressor packages
- Piping, valves and associated equipments

Instrumentation Works
- cable laying, tubing installation
- control panel hook up, loop testing

Commissioning
- compressor packages
- control panel
- complete compression station

After Market Support
- Spare Parts Inventory

After Sales service
operations & maintenance
In-country Maintenance Services
Preventive Maintenances
Corrective Maintenance
Tope End Overhauls
Major Overhauls
Trouble Shooting
Client:
OMV Pakistan Limited, Pakistan

Project Name:
Mechanical, Electrical, Instrumentation, Civil & Installation for Latif Compression Phase-1, Latif Concession, Sindh.

Year
2014

Execution Time
60 Days

Description:
Compressor Installation Works
4 Compressors, 4480 HP (50 MMscfd)
- Lifting
- Installation & Grouting
- Inter Skid Piping
- Inter Skid Instrumentation & Electrical
- Slug Catcher & Blow Case
- Commissioning

Civil Works
- Pipe Supports
- Equipment Foundations

Mechanical Works
- Piping Fabrication & Welding
- Structure Fabrication & Welding

Electrical Works
- Earthing works
- Cable Laying

Instrumentation Works
- Field Instruments
- Control Panel
- Solar Installation
- IR’s, GD’s
- Loop Testing etc

Equipment Erection
- Compressor / Engine Skid
- Slug Catcher / Blow Case Skid
- Cooler
Project Name:
Supply, Design, Installation, Commissioning, Operations & Maintenance of 1700 HP Compression Station at FFCL Compression Site, Daharki Sindh.

Client:
Fatima Fertiliser Company Limited, Pakistan

Year
2010

Execution Time
16 weeks

Description:
Compression Station Design
- Compressor Packages
- Piping Layout / Process Piping
- Civil Foundation / Pipe Supports

Civil Works
- Compressor Foundation
- Pipe Civil Supports

Mechanical Works
- Piping Fabrication & Welding
- Piping radiography, hydrotesting
- Piping installation, hook up
- Main trunk line tie-ins

Installation Works
- Compressor packages piping, valves and associated equipments

Instrumentation Works
- Cable laying, tubing installation
- Control panel hook up, loop testing

Commissioning
- Compressor packages
- Control panel
- Complete compression station
Project Name:

Client:
BP Pakistan Exploration & Production Inc., Pakistan

Description:
Compressor Packages
- Ajax DPC 2803 Engine
- Ajax DPC 2803 Compressor
- Air X-Changer 156EH Cooler
- Associated Skids
  - Valving Assembly Skids
  - Emergency Shutdown Valves
- Blow Case Skid
- Air Compression System
  - Air Compressor
  - Air Receiver
- Control Panel
  - Allen Bradley w/6” touchscreen

Year: 2009
Execution Time: 16 weeks
Client:
Eni Pakistan Limited Karachi, Pakistan

Project Name:
Engineering, Design, Construction, Tie-In and Commissioning of Remote Wellhead Facilities & Compressor Stations at Kadanwari Gas Field, Sind Pakistan

Year
2008

Execution Time
Project was completed in 1 month and 15 days - Engineering to Commissioning / Start Up

Description:
Engineering, Design, Construction and Commissioning of Remote Wellhead Facilities & Compressor Stations including
- Fabrication (Scrubbers, Pulsation Bottles etc.)
- Mechanical Piping / Installation Works
- Flow Line installation and Commissioning
- Mechanical hook ups and Tie-Ins
- Installation of Compressor Package
- Tie-In of Compressor Package
- Commissioning and start up of Compressor Package touchscreen
Client:
Sylhet Gas Fields Limited, Sylhet, Bangladesh.

Project Name:
Sylhet Compression, Sind, Pakistan

Year
2009

Execution Time
1 Year

Description:
Engineering, Procurement, Packaging, Installation, Tie-In, Commissioning, Testing / Start Up, Operations & Maintenance of 01 No. Compressor Packages

Compressor Cameron Superior MH62

Engine
Waukesha 5714 with ESM

Cooler
Air X-Changer 16 EH

Control panel
On-skid Murphy Panel With Scrubbers, Pulsation Bottles and accessories
Client:
Orient Petroleum International Incorporated, Islamabad, Pakistan

Project Name:
Kausar / Umar / Usman / Naimat Basal Compression Project, Sindh, Pakistan

Description:
EEEngineering, Procurement, Packaging, Installation, Tie-In, Commissioning, Testing / Start Up, Operations & Maintenance of 04 Nos. Compressor Packages
Compressor GE Gemini F604 Engine
Waukesha 7044 with ESM
Cooler
Air X-Changer 16 EH
Control panel
On-skid Murphy Panel With Scrubbers, Pulsation Bottles and accessories

Year
2007

Execution Time
Project was completed within 6 months – order placement to start up of the compressor packages
Client: PETRONAS Carigali Pakistan Limited, Islamabad Pakistan.

Project Name: Rehmat 2 Wellhead Compression Project, Sindh.

Year: 2007
Execution Time: Project was completed within 7 months – order placement to start up of the compressor package

Description: Engineering, Procurement, Installation, Tie-In, Commissioning, Testing / Start Up, Rental Operations & Maintenance of 01 No. Compressor Package
Compressor Cooper Ajax DPC 600
Engine Cooper Ajax DPC 600
Cooler Cooper Standard Single Fan, Forced Draft
Control panel On-skid Murphy Panel With Scrubbers, Slug Catcher and Blow Case
Client:
MOL Pakistan Limited, Islamabad, Pakistan

Year
2006

Execution Time
Project was completed within 4 months – order placement to start up / testing of the facility

Project Name:
Makori Early Production Facility, TAL Block, NWFP.

Description:
- Engineering, Procurement, Installation, Tie-In, Commissioning, Testing / Start Up,
- Compressor Cooper Ajax 2802
- Engine
  Cooper Ajax 2802 LE
- Cooler
  Cooper Standard Single Fan, Forced Draft
- Control panel
  On-skid Murphy Panel with Scrubbers, bottles etc.
Project Name: Kadanwari Gas Field Wellhead Compression Project

Client: Lasmo Oil Pakistan Ltd., Karachi.

Year: 2003
Execution Time: Project was completed within 10 months – order placement to start up.

Description:
Engineering, Procurement, Commissioning, Testing / Start Up 02 Nos. Superior Reciprocating Gas Compressor Packages and operations & maintenance (Compressors on Rental Basis)

The scope included; engineering of compressor packages Supply of Compression Facility on Rental basis, Commissioning & Testing, Operations & Maintenance
Project Name:
Meyal Gas Field, Punjab

Client:
Pakistan Oilfields Limited, Rawalpindi, Pakistan

Description:
Engineering, Procurement, Commissioning, Testing / Start Up of 01 No. Superior Reciprocating Gas Compressor Packages
Compressor Cooper Superior RAM 52
Engine
Waukesha L7044 LT
Cooler
Ace 150EH Single Fan, Forced Draft
Control panel
On-skid Murphy Panel

Year
2005
Client:
Sharjah Electric & Water Authority, Sharjah UAE.

Project Name:
SEWA Wasit Power Station
Sharjah

Year
2006

Description:
Engineering, Procurement, Installation, Commissioning, Testing / Start Up of 02 Nos. Superior Reciprocating Gas Compressor Packages & 02 Gas Turbines, Ai Compressor & Transformers
Gas Turbine Rolls Royce – USA
Trend 60 MW each
Control Panel - RR Entronic Control
Compressor Superior MH62 Model

Engine
Teco Westinghouse 1500 KW induction Type Motor

Cooler
ACE Single Fan, Forced Draft

Control panel
On-skid Murphy Control panel
ON-GOING PROJECTS
Client: Eni Pakistan Limited, Pakistan.

Project Name
Design, Engineering, Installation, Commissioning & Start-Up of Engine Driven Compressor Packages Package Works

Principals
Cameron Compression, USA.

No. of Packages
13 Units

Horsepower
26,000 HP

Flow
260 MScf/d

Year of Assignment
2014

Execution Time
6 Months

Project Name
Design, Engineering, Installation, Commissioning & Start-Up of Engine Driven Compressor Packages

Principals
Cameron Compression, USA.

No. of Packages
12 Units

Horsepower
17,280 HP

Flow
450 MScf/d

Year of Assignment
2014

Execution Time
1 Year
Client:
Eni Pakistan Limited, Pakistan.

Project Name
Mechanical, Electrical, Instrumentation, Civil & Pipeline Construction for Kadanwari Gas Field Tajjal Concession, Sindh

Value
USD 10M

Year of Assignment
2013

Execution Time
3 Years

Project Name
Mechanical, Electrical, Instrumentation, Civil & Pipeline Construction for Bhit & Badhra Gas Fields Gas Field Tajjal Concession, Sindh

Value
USD 16M

Year of Assignment
2011

Execution Time
3 Years
Client:
OMV Pakistan Miano
NFO Wellhead
Development

Project Name
*Mechanical, Electrical, Instrumentation, Civil, Compressor Installation & Pipeline Construction for Miano NFO Wells, Miano Concession, Sindh.*

Value
USD 2M

Year of Assignment
2015

Execution Time
6 Months