

**GASCO** 

### **Project Name:**

Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Badhra North-1 Wellhead Development, Bhit Concession,



Eni Pakistan Limited, Pakistan

### **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 **Execution Time** 

2012 30 days



**GASCO** 

### **Project Name:**

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

Year 2012 Execution Time 55 days

### **Client:**

Eni Pakistan Limited, Pakistan

### **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



GASCC

### **Project Name:**

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



Year **Execution Time** 

2012 45 days

### Client:

Eni Pakistan Limited, Pakistan

### **Description:**

Flowline Works

### 2 Kms

Excavation (Hard Rock

Trenching)

RoW Preparation, Grading

Stringing

ipeline Welding

\_owering, 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

.oop Testing etc

### Equipment Erection

Vent Stack Control Pane

CI Skid. Sour Gas Skid



### **GASCO**

### **Project Name:**

Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Badhra Jabal Wellhead Development, Bhit Concession,

2012 Year **Execution Time** 30 days

### Client:

Eni Pakistan Limited, Pakistan

### **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

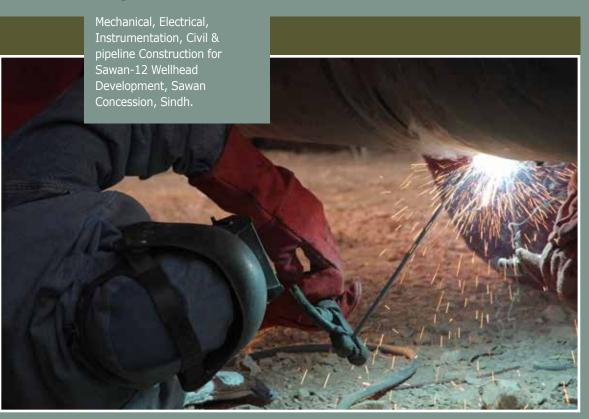
Loop Testing etc

### **Equipment Erection**

Vent Stack, Control Panel

CI Skid, Sour Gas Skid





Year 2012 Execution Time 22 days

### Client:

Eni Pakistan Limited, Pakistan

### **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



# Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Badhra North-1 Wellhead Development, Miano Concession, Sindh.

Year 2012 Execution Time 30 Days

### Client:

Eni Pakistan Limited, Pakistan

### **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

CI Skid, Sour Gas Skid



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

Year 2012 Execution Time 8 Weeks

### Client:

Eni Pakistan Limited, Pakistan

### **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



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

Year 2012 Execution Time 4 weeks

### Client:

Eni Pakistan Limited, Pakistan

### **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

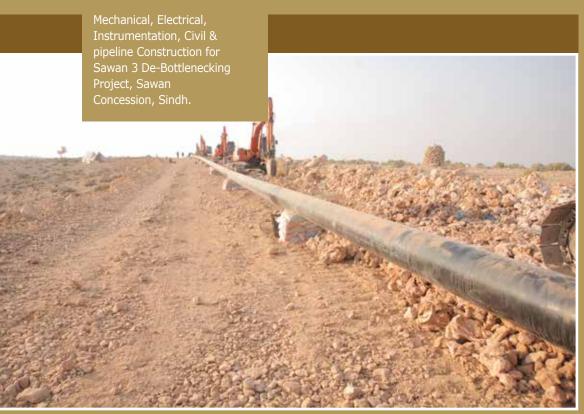
Loop Testing etc

### **Equipment Erection**

Vent Stack, Control Panel

CI Skid, Sour Gas Skid





Year 2012 **Execution Time** 12 weeks

### Client:

**OMV Pakistan** Exploration Gmbh, Flowline Works Pakistan

### **Description:**

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



Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Miano 15 Wellhead Development,

> Year 2012 **Execution Time** 4 weeks

### Client:

**OMV Pakistan** Exploration Gmbh, Flowline Works Pakistan

### **Description:**

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



Mechanical, Electrical, Instrumentation, Civil & pipeline Construction for Zam



**BHP Petroleum** Pakistan

### **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**

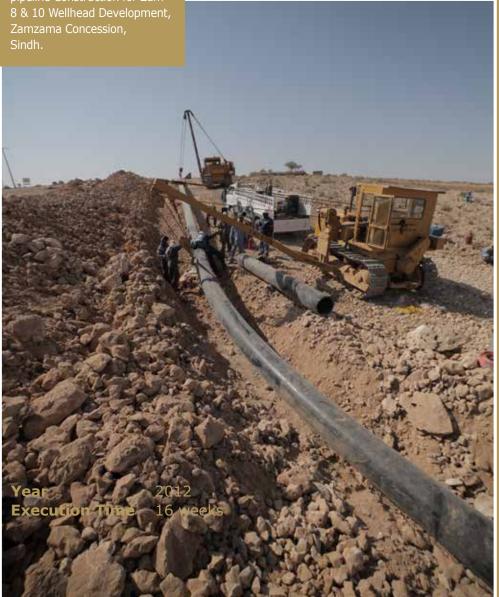
Field Instruments

Control Panel

Loop Testing, etc.

### **Equipment Erection**

Vent Stack, Control Panel CI Skid, Sour Gas Skid





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

Year 2012 Execution Time 6 weeks

### Client:

Eni Pakistan Limited, Pakistan

### **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





2012 Year **Execution Time** 12 weeks

### Client:

**OMV Pakistan** Exploration Gmbh, Flowline Works Pakistan

### **Description:**

### 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



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

Year 2012 Execution Time 12 weeks

### Client:

Eni Pakistan Limited, Pakistan

### **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



# Construction of South Valve Earthworks, Civil Works at Kadanwari Concession,

Year 2012 **Execution Time** 4 weeks

### Client:

Eni Pakistan Limited, Pakistan

### **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



# Supply, Design, Installation, Commissioning, Operations & Maintenance of 440 HP Compression Station at West Valve Station, Kadanwari, Sindh.

Year 2012 Execution Time 4 weeks

### Client:

Eni Pakistan Limited, Pakistan

### **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, hydrotetsing 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

### **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





### Client:

Eni Pakistan Limited, Pakistan

### **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

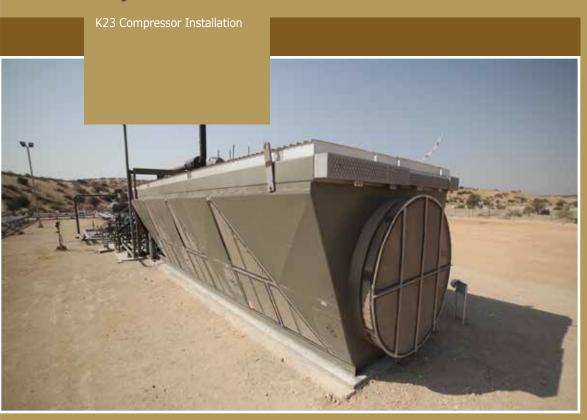
piping radiography, hydrotesting & installation

### **Instrumentation Works**

Cable laying, tubing installation

Control Panel installation, loop testing, hook up and commissioning

Compressor Package Commissioning



Year 2011 Execution Time 45 Days



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

Year 2010 Execution Time 16 weeks

### Client:

Fatima Fertiliser Company Limited, Pakistan

### **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



Mechanical, Electrical, Instrumentation Installation Works of TGA Compressor at Tando Ghulam Ali Remote 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**

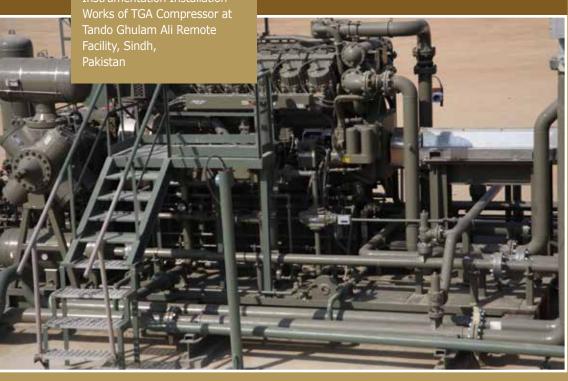
Cable Laying **Loop Testing** 

### **Instrumentation Works**

Instrument Calibration & Installation **Tubing Installation** 

### Commissioning

Piping system Electrical cables Instrument equipment, tubing etc.



2010 Year **Execution Time** 1 Month



K24 Wellhead / Flow line Works



Year 2010 Execution Time 34 Days

### Client:

Eni Pakistan Limited Karachi, Pakistan

### **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

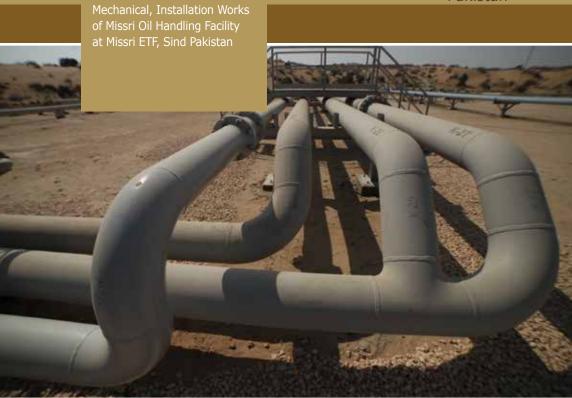
Anchor Block
Pipeline Markers

### **Instrumentation Works**

IFOC Laying & Installation

Wellhead / Flow line Commissioning





Year 2010 Execution Time 1 month

### Client:

BP Pakistan Exploration & Production Inc., Pakistan

### **Description:**

### Installation

- Loading Arm, Air Compressor
- Generator, Horizontal Oil Tanks

Pig Launcher, Separator

### Mechanical Works

Piping fabrication, welding Piping radiography, hydrotetsing 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



MERON

Year 2011 Execution Time 32 Days

### Client:

Eni Pakistan Limited Karachi, Pakistan

### **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



Works

Year 2010 Execution Time 40 Days

### Client:

Eni Pakistan Limited Karachi, Pakistan

### **Description:**

### Wellhead Construction

Mechanical / Piping Works
Civil / Foundation Works

Instrumentation Works
 Electrical Works
 Steel Structure Works

### **Pipeline Construction**

### 3.7 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



K21 Compressor Installation

Year 2010 Execution Time 21 Days

### 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**

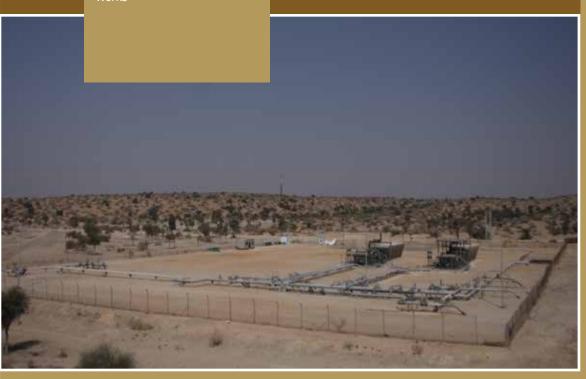
Cable laying, tubing installation

Control Panel installation, loop testing, hook up and commissioning

Compressor Package Commissioning



K19 Wellhead / Flow line Works



Year 2010 Execution Time 40 Days

### **Client:**

Eni Pakistan Limited Karachi, Pakistan

### **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



West Valve Station Up gradation Works

### **Client:**

Eni Pakistan Limited Karachi, Pakistan

### **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



K18 Wellhead Compressor Installation



Year 2009 Execution Time 33 Days

### **Client:**

Eni Pakistan Limited Karachi, Pakistan

### **Description:**

### Compressor Installation Mechanical Works

PipingPipe 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



2009 cution Time 23 Days

### **Client:**

Eni Pakistan Limited Karachi, Pakistan

### **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



Instrumentation and Civil Works for 3 years on Call-Out

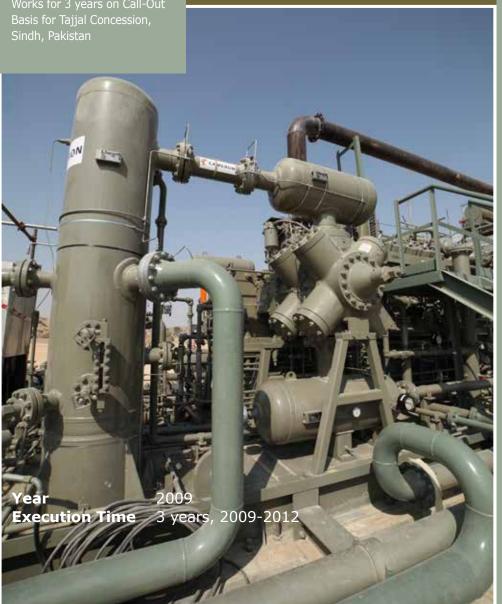
### **Client:**

Eni Pakistan Limited Karachi, Pakistan

### **Description:**

Mechanical Works Pipeline Construction Electrical Works)

Instrumentation Works Civil works







Year 2009 Execution Time On-going

### Client:

BP Pakistan Exploration & Production Inc.

## **Description:**

### Mechanical Works;

- Jet Pump Installations Facility Upgrades
- Compressor InstallationsNew Plant Installation





Year **Execution Time** 

6 Months

### **Client:**

Petroleum Exploration Limited, Pakistan

### **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, hydrotetsing 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



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

Year **Execution Time** 

2008
Project was
completed within 7
weeks against the
scheduled 11 weeks
completion /
execution period.

### Client:

Eni Pakistan Limited Karachi, Pakistan

### **Description:**

Pipeline Construction - 3.7 Kms

Wellhead Facility (Mechanical, Civil, Instrumentation, Electrical)

Wellhead Tie-In

Fiber Optic Installation & Commissioning

Pipeline Sleeving

Pipeline Lowering

Pipeline Commissioning

Wellhead Commissioning

And Associated Works



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

### **Client:**

Eni Pakistan Limited Karachi, 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)

Year **Execution Time** 

2008 Project was completed within 4 weeks.



K18 Flow line Repair Works at Kadanwari Gas Field, Sind



# Year **Execution Time**

2008
Project was
initialized including
mobilization and was
completed including
repair and pipeline
commissioning
within 5 days.

### Client:

Eni Pakistan Limited Karachi, Pakistan

### **Description:**

Excavation Pigging

Pipeline Removal

 Pipeline Repair (Fabrication, Welding, RT)
 Pipeline Tie-In
 Insulation Sleeving
 Hydrotesting
 Pipeline Commissioning



SEWA Wasit Power Station Sharjah



**Year** 2006

### Client:

Sharjah Electric & Water Authority, Sharjah UAE.

### **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 Execution Time Principal 2006 1 year and 6 months Rolls Royce Power Engineering UK



### **Client:**

Eni Pakistan Limited, Karachi Pakistan.

### **Description:**

Supply of 01 No Spare RB 211 Gas Generator for the Bhit Gas Field.



**Year** 2006

**Execution Time** Supplies were

completed within 06

months.

**Principal** Rolls Royce Power

Engineering, UK



Bobi Gas Field

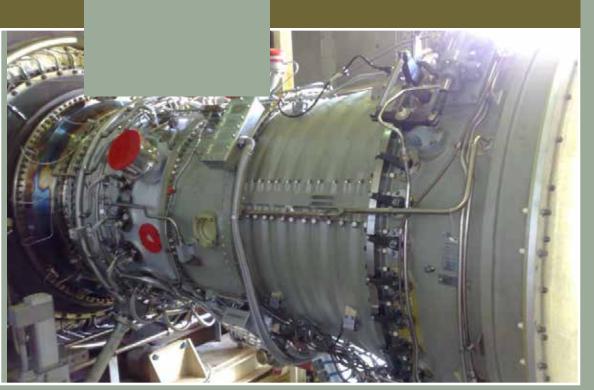
### **Client:**

Oil & Gas Development Corporation, Islamabad.

### **Description:**

Restaging of Ajax Compressor Packages – 05 Nos

Supply of Spare parts of Ajax Gas Compressors (05 Nos.)



**Year** 2004

**Execution Time** Project was

completed within 3

months

**Principal** Cooper Energy

Services, USA

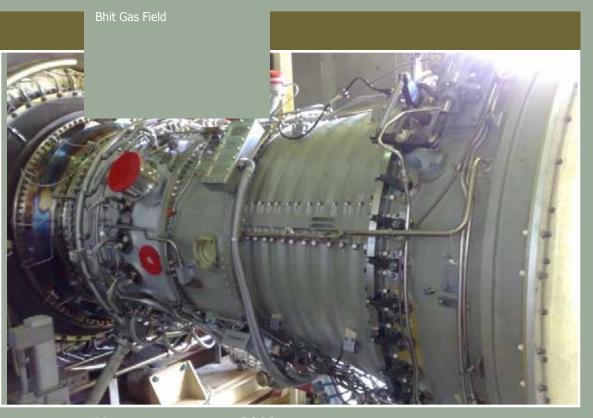


### **Client:**

Eni Pakistan Ltd, Karachi.

### **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.



**Year** 2002

**Execution Time** Supplies were

completed within 6

months.

**Principal** Rolls Royce Power

Engineering UK



### **Client:**

Orient Petroleum Inc., Islamabad

### **Description:**

Gas Engine Driven Compressor

### Compressor

Ajax Model DPC-2803

### Engine

Composite with Compressor

Air Filtration

Standard

**Engine Cooling** 

Standard



**Year** 2002

**Execution Time** Supplies were

completed within 10

months.

**Principal** Cooper Energy

Services, USA

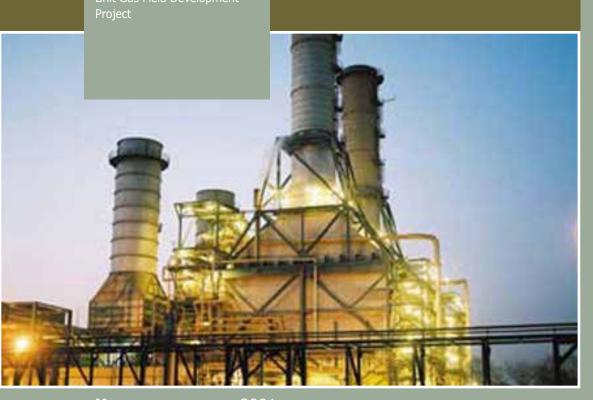


### **Client:**

Orient Petroleum Inc., Islamabad

### **Description:**

Supply of 3 Gas Turbines to be installed and produce power for the Bhit Gas Field.



**Year** 2001

**Execution Time** Supplies were

completed within 18

months.

**Principal** Rolls Royce Power

Engineering, UK



# EPC Contract of Gas Metering Station at Fauji Kabirwala Power Plant

Year 1998 Execution Time 6 Months

### Client:

Oil & Gas Development Company Limited

### **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



Gas Gathering System and Gas Transport Pipeline Supply at Panjpir Gas Field

### **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.



### Client:

Sui Southern Gas Company Limited, Karachi.

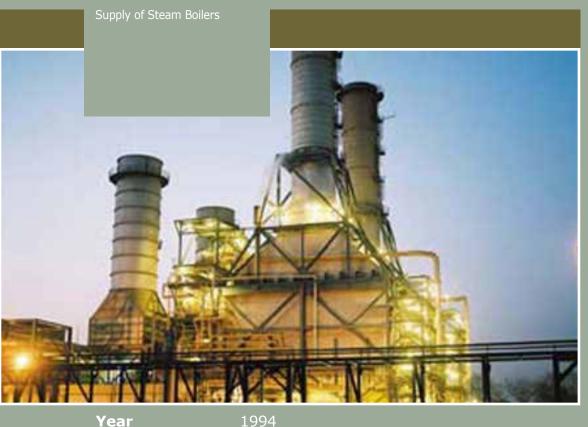
### **Description:** Design, Engineering & Supply of:

Two Steam Boilers 177,000 LB/Hr

Eight Boiler Feed Water Pumps

Five Condenser Pumps

Three Deaerators Ancillary Equipment



Year **Execution Time** 

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

## COMRESSIONPROJECTS





Supply, Installation, & Commissioning for Engro Fertilisers Guddu Power Plant Booster Compressor Station at Guddu Power Plant, Guddu, Sindh.

Year 2015 Execution Time 30 Days

### Client:

Engro Fertilisers Company Limited, Pakistan

### **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



# Mechanical, Electrical, Instrumentation, Civil & Installation for Bhit Wellhead Booster Compressors at Bhit Gas Field, Kirthar Concession, Sindh.

Year 2014 / 2015 Execution Time 210 Days

### **Client:**

Eni Pakistan Limited, Pakistan

### **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

### **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 20 Execution Time 21

2014 / 2015 210 Days



# Supply, Design, Installation & Commissioning of 17,280 HP (450 MMscfd) Compression Station at Manzalai Early Compression Facility, Tal Block, KPK.

Year 2014 (on-going) Execution Time 1 Year

(staggered deliveries as per customer production requirements)

After Sales service operations & maintenance In-country Maintenance Services

Preventive Maintenances Corrective Maintenances Tope End Overhauls Major Overhauls Trouble Shooting

# Client: MOL Pakistan Description:

Limited, Pakistan

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



# Supply, Design, Installation & Commissioning of 3,520 HP (260 MMscfd) Compression Station at FFCL Compression Site, Daharki Sindh.

Year 2014 (on-going) Execution Time 1 Year

(staggered deliveries as per customer production requirements) 14 Weeks, FOB Delivery of Compressor After Sales service operations & maintenance In-country Maintenance Services

Client:

Eni Pakistan

Limited, Pakistan

Preventive Maintenances Corrective Maintenances Tope End Overhauls Major Overhauls Trouble Shooting

### **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



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

Year 2014 Execution Time 60 Days

### Client:

OMV Pakistan Limited, Pakistan

### **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





Year 2010 Execution Time 16 weeks

### **Client:**

Fatima Fertiliser Company Limited, Pakistan

### **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, 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



Supply, Design, Installation,
Commissioning, Operations &
Maintenance of 02 Nos Ajax
DPC 2803 Gas Compressor
Packages - 1320 HP for TGA
and Tangri Remote Facilities,
Badin Concession Sind.

### **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



Engineering, Design, Construction, Tie-In and Wellhead Facilities & Compressor Stations at Pakistan

### Client:

Eni Pakistan Limited Karachi, Pakistan

### **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



Year **Execution Time** 

2008 Project was completed in 1 month and 15 days -Engineering to Commissioning / Start Up



Sylhet Compression, Sind, Pakistan



1 Year

**Year** 2009

**Execution Time** 

### Client:

Sylhet Gas Fields Limited, Sylhet Bangladesh.

### **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



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



# Year **Execution Time**

2007
Project was
completed within 6
months – order
placement to start
up of the compressor
packages

### **Client:**

Orient Petroleum International Incorporated, Islamabad, Pakistan

### **Description:**

EEngineering, 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



Rehmat 2 Wellhead Compression Project, Sindh.



# Year **Execution Time**

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

### Client:

PETRONAS Carigali Pakistan Limited, Islamabad Pakistan.

### **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



Makori Early Production Facility, TAL Block, NWFP.

### **Client:**

MOL Pakistan Limited, Islamabad, Pakistan

### **Description:**

Engineering, Procurement, Installation, Tie-In, Commissioning, Testing / Ştart 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.



Year **Execution Time** 

2006 Project was completed within 4 months – order

placement to start up / testing of the facility



Kadanwari Gas Field Wellhead Compression Project



### **Client:**

Lasmo Oil Pakistan Ltd., Karachi.

### **Description:**

Engineering, Procurement, Commissioning, Testing / Start Up o 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

Year **Execution Time** 

2003 Project was

completed within 10 months – order placement to start up.





2005

Year

### 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



SEWA Wasit Power Station Sharjah



Sharjah Electric & Water Authority, Sharjah UAE.

### **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



Year

2006

## 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 MMscfd

### Year of Assignment

2014

### **Execution Time**

6 Months

### Client:

Eni Pakistan Limited, Pakistan.

### **Project Name**

Design, Engineering, Installation, Commissioning & Start-Up of Engine Driven Compressor Pack-

### **Principals**

Cameron Compression, USA.

### No. of Packages

12 Units

### Horsepower

17,280 HP

### Flow

450 MMscfd

### Year of Assignment

2014

### **Execution Time**

1 Year







### **Client:**

Eni Pakistan Limited, Pakistan.

### **Project Name**

Mechanical, Electrical, Instrumentation, Civil & Pipeline Construction forKadanwari Gas Field Tajjal Concession, Sindh

Value

USD 10M

Year of Assignment

2013

**Execution Time** 

3 Years

### **Client:**

Eni Pakistan Limited, Pakistan.



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

