

PAYANDAN

2018



1. Company Background

Creative Path to Growth

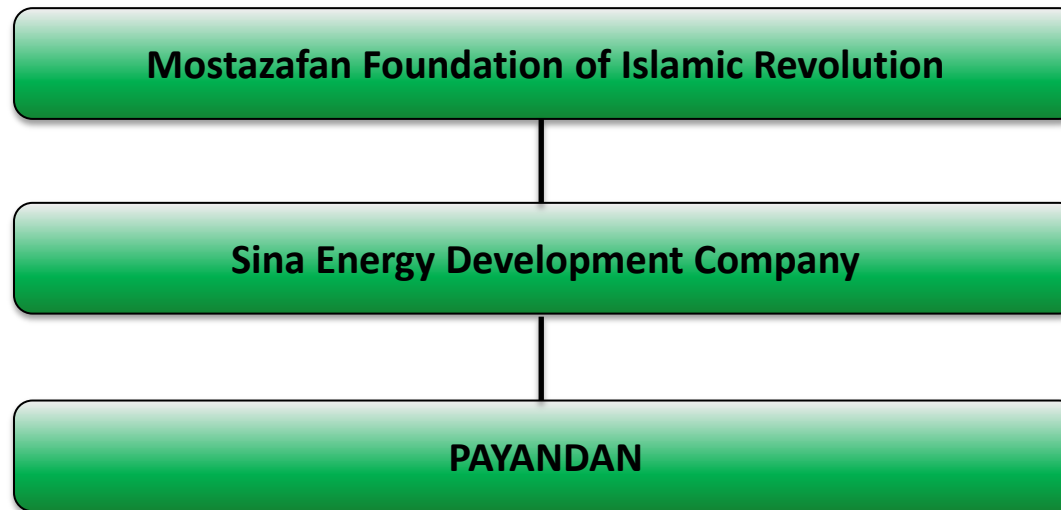


Payandan Shareholders

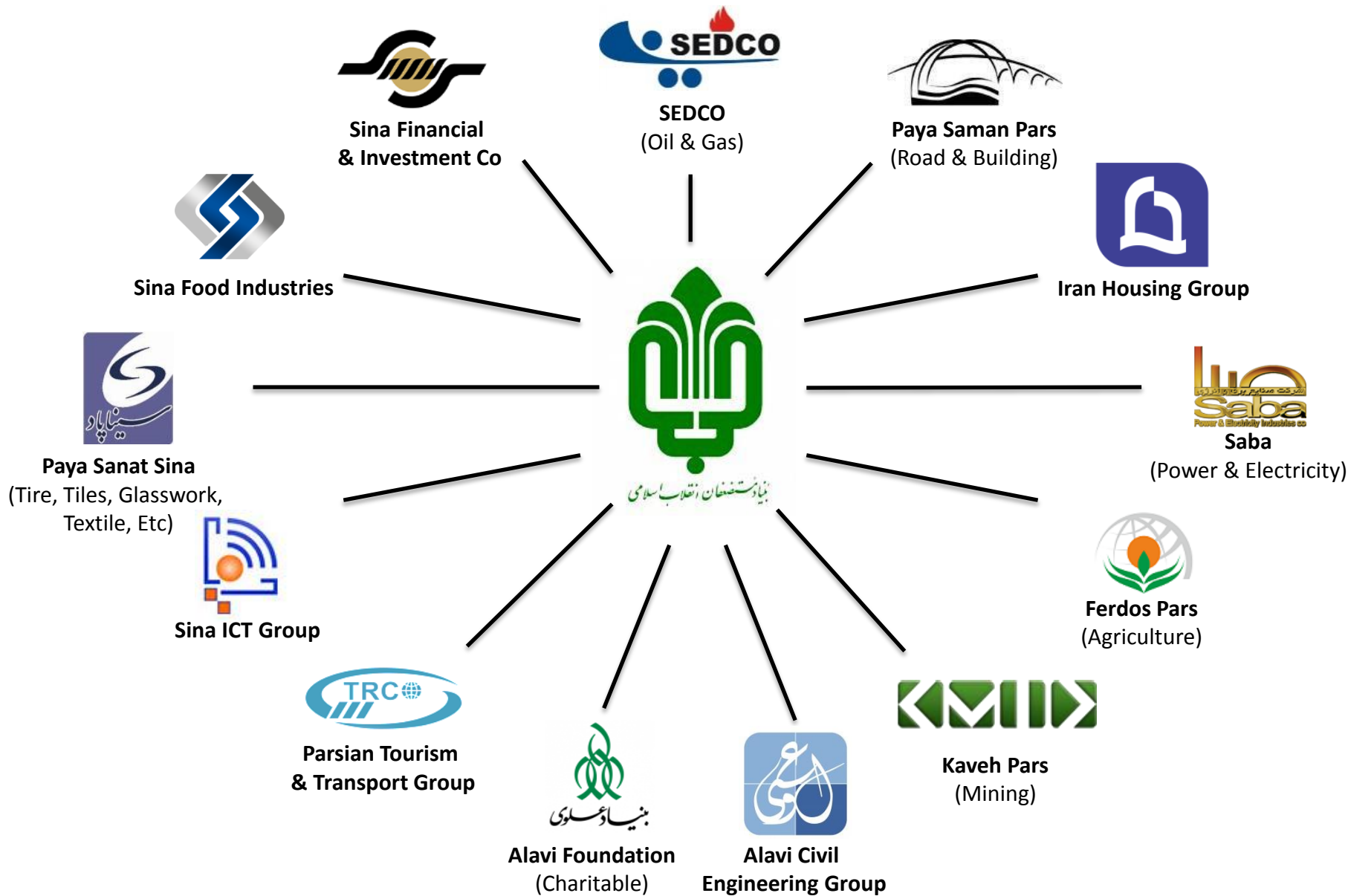


Payandan's shares belong to **Mostazafan Foundation of Islamic Revolution.**

- Mostazafan Foundation owns **49%**
- Sina Energy Development Company owns **51%**



Mostazafan Foundation of Islamic Revolution



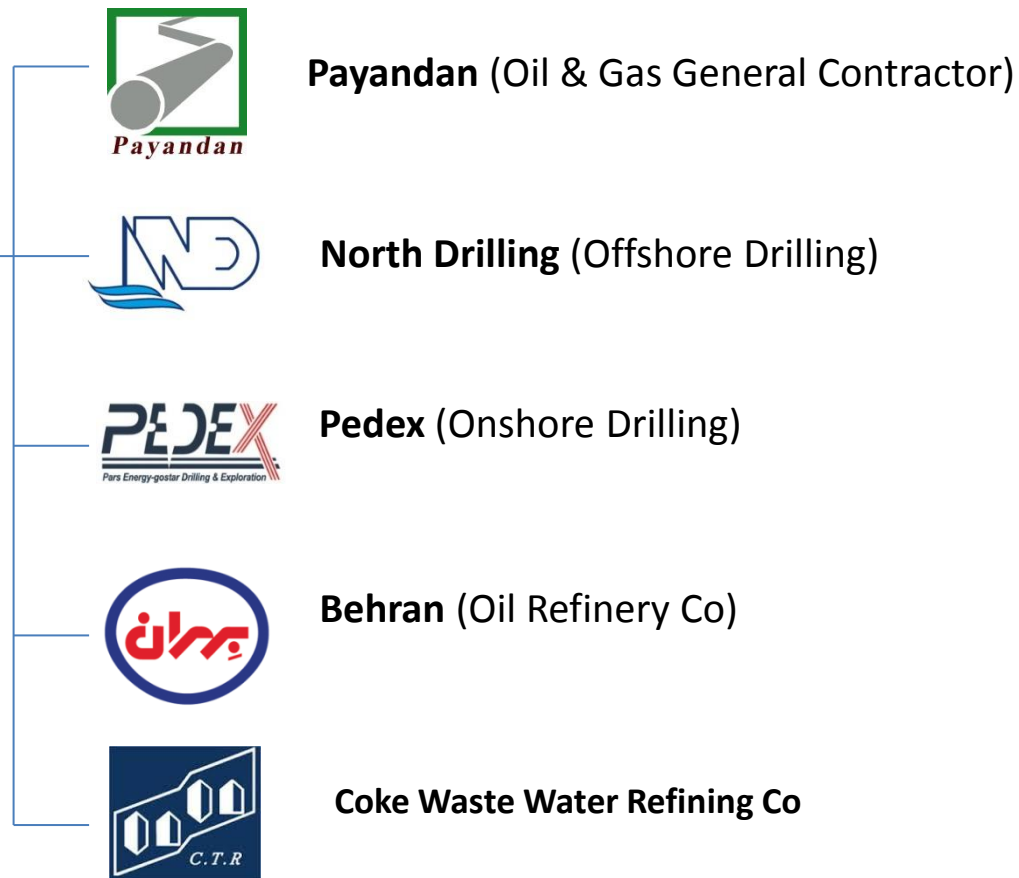
Sina Energy Development Holding Company



SEDCO as one of subsidiaries of The Mostazafan Foundation of Islamic Revolution is considered one of pioneer holding companies in area of oil & gas which aims on huge projects in whole chains of oil and gas.



Dr Bagheri
SEDCO Managing Director



Payandan in Numbers



+40
Years

1974
ESTABLISHED



+1400
EMPLOYEES

+4000
CONTRACTOR

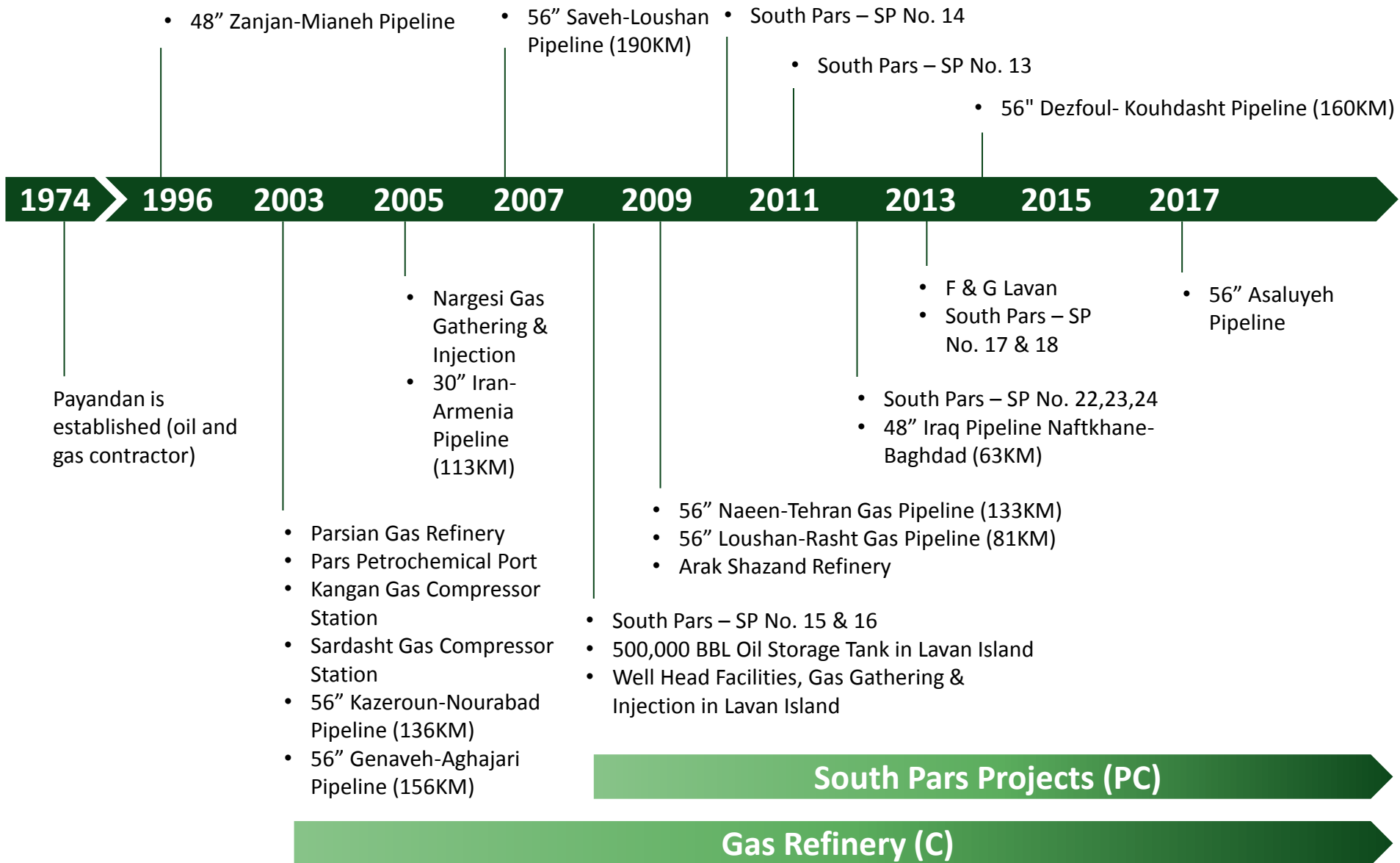


+200,000,000 \$
ANNUAL TURNOVER



75
COMPLETED PROJECTS

Company Background



Contracting Competency Certificate



Translation from Persian
Emblem of the Islamic Republic of Iran
The Presidency
State Budget & Planning Organization

No.: 849359
Date: 15 November 2016

Contracting Competency Certificate

To: Mr. Aliakbar Shabani Fard Jahromi
The Estimable Managing Director of Payandan Company
Registration No. 20990
National ID No.: 10100665370

By virtue of the enactment No.H23251T/48013, approved on 02.03.2003 by the Council of Ministers and with consideration to establishment of required conditions and approval of that company's competency in comprehensive system of executive-technical systems factors competency diagnosis, hereby competency of that company for performing contractual affairs is notified as follows:

Grade 1 in the field of oil & gas with 4 permitted works
Grade 1 in the field of installations and equipment with 4 permitted works
Grade 1 in the field of Construction & Buildings with 4 permitted works
Grade 5 in the field of water with 3 permitted works

Observing Tenders Holding Act No. 130890 dated 06.02.2005, relevant executive by-laws and permitted work capacity by the time of referring works by that company is necessary.

Mostazafan Foundation (49%) and Energy Gostar Sina (51%) companies are the major shareholders of this company and also observance of notes 1 & 2 of paragraph T of Article (3) of the executive by-law of paragraph (A) of Article (26) of the Tenders Holding Act by that company is necessary.

Grade 1 in the field of oil and gas is in sub-fields of ((oil, gas networks and pumping stations and reservoirs & transmission lines)) and ((oil, gas & petrochemistry refineries)) and this company is permitted to work in other sub fields of ((oil and gas)) with lower classes.

This company has common shareholder with Bonyad Sazeh Consulting Engineers Company and Iran Ebraz Production & Industrial Company and common board of directors with Rad Yekta Sepehr Provision & Construction Management Company and Sarmad Mofid Iranian Company.

Gholamhossein Hamzeh Mostafavi, Head of Technical & Executive System Affairs

This certificate is valid as of date of issuance until end of evaluation date and maximum until 14 November 2020.

- Any changes to pillars and shares of the company and information of the royalty holders (managing director, board of directors and the employees holding royalty) must be registered in (<http://sajat.mporg.ir>) within at most 3 months.
- Any new contract, within at most 3 months after conclusion, and new statements after approval of the employer, must be register in Sajar system, so that their privileges are mentioned by the time of next period's competency recognition and capacity releasing.

In case of disparity between the contents of the existing certificate and the information existing in <http://sajat.mporg.ir>, the site's information is correct.

True translation certified. T. R.

Saturday, August 26, 2017



1. Class I in Gas & Petroleum Field

- Transfer Lines & Reservoirs, Gas & Petroleum Networks
- Gas, Petroleum, Petrochemical Refineries

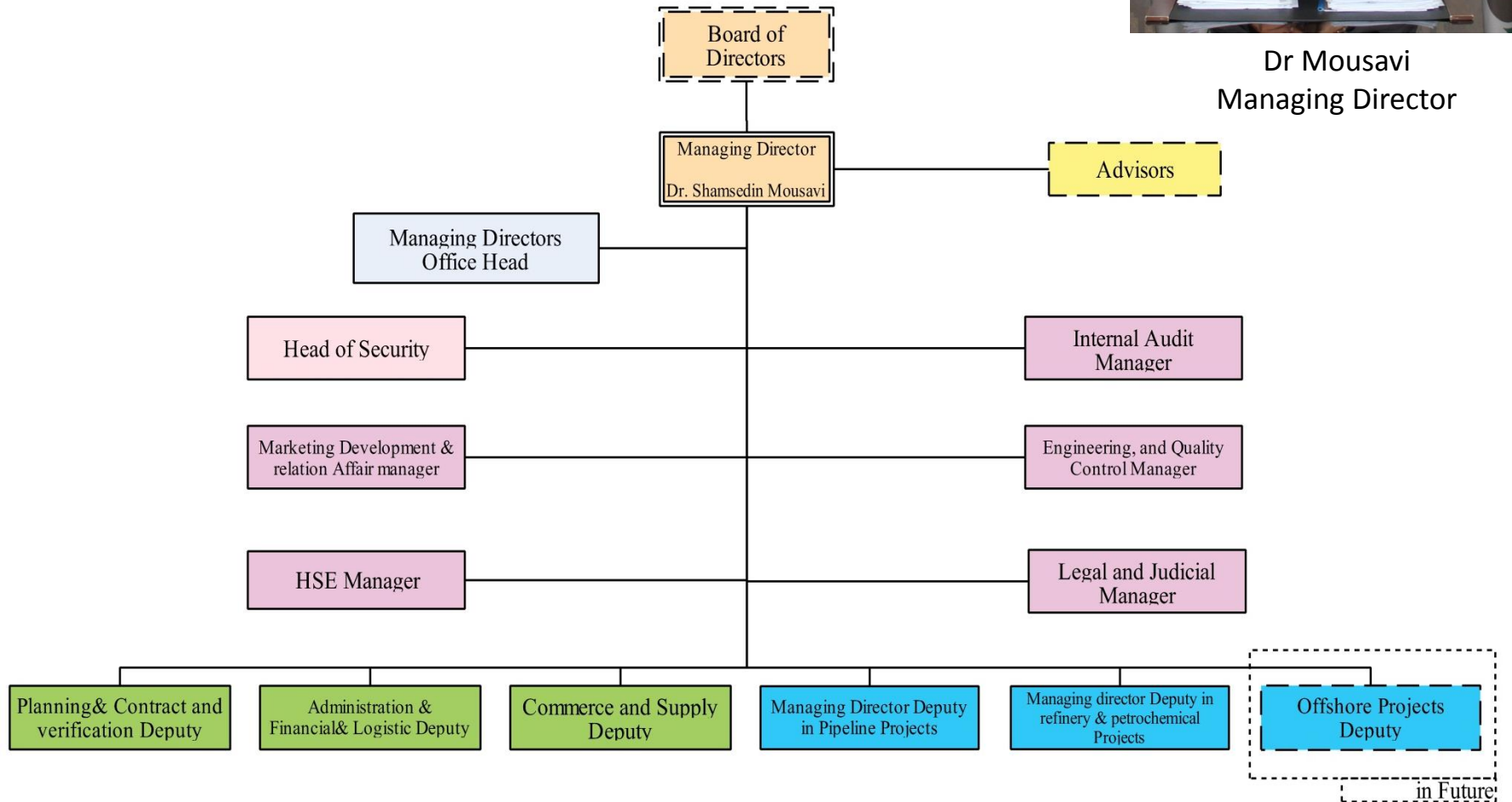
2. Class I in Construction & Building

3. Class I in Installations & Equipment

Company Chart



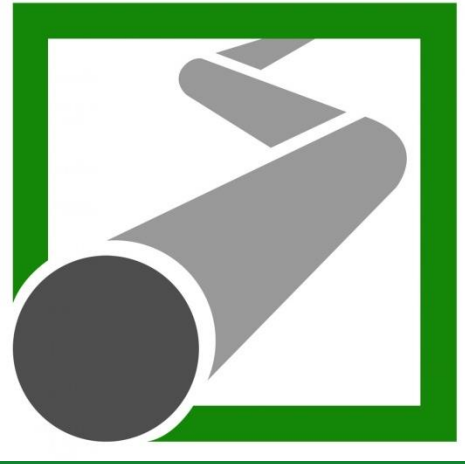
Dr Mousavi
Managing Director



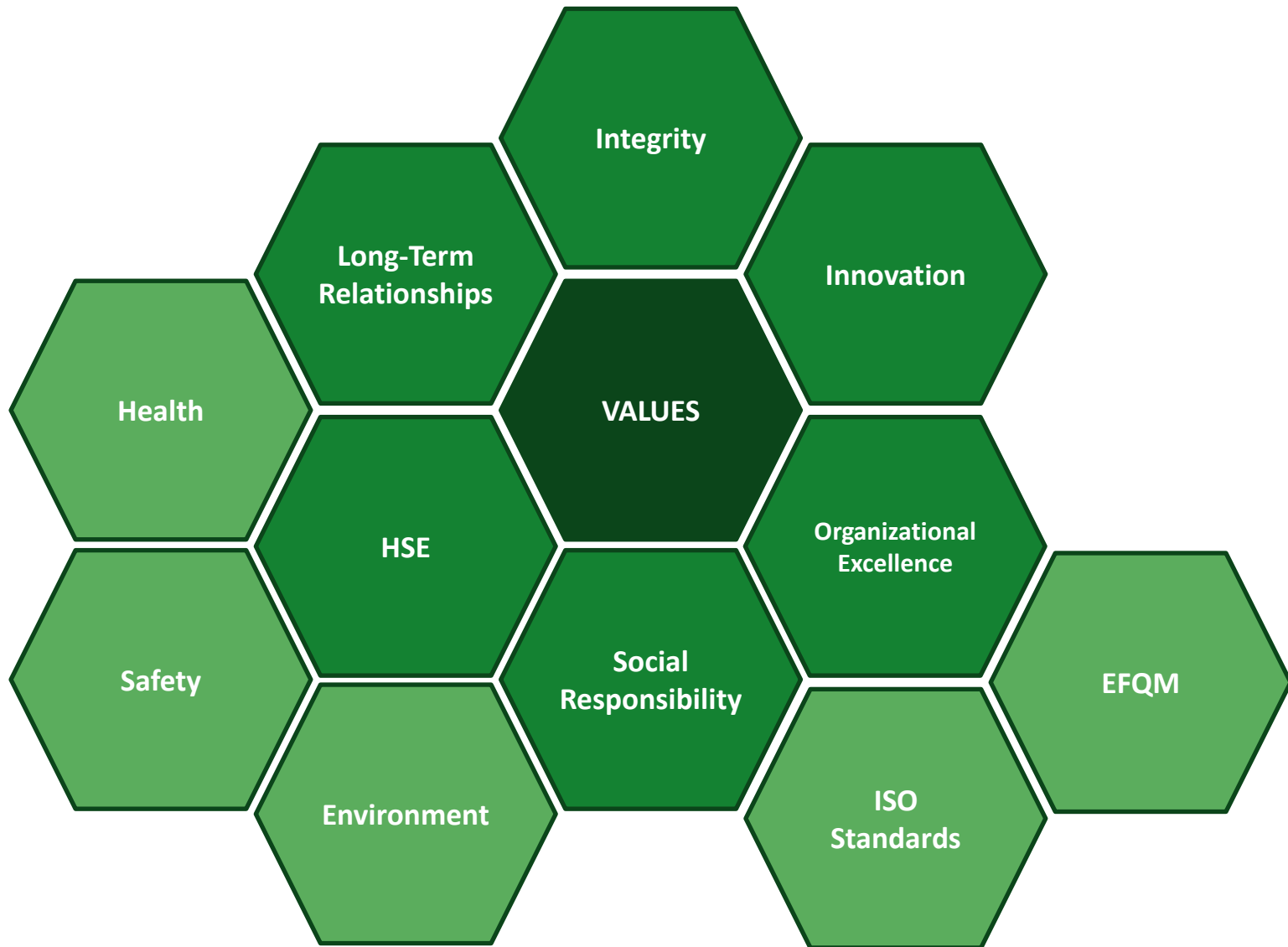


2. Payandan Values

What we believe in



Values



Values



Integrity

Acting with honesty and in an ethical manner

Social Responsibility

Contributing to society, and behaving in socially responsible ways

Innovation

Encouraging creativity and innovative ideas

Organizational Excellence

Pursuing continual improvement

HSE

Ensuring occupational health and safety, and protecting the environment

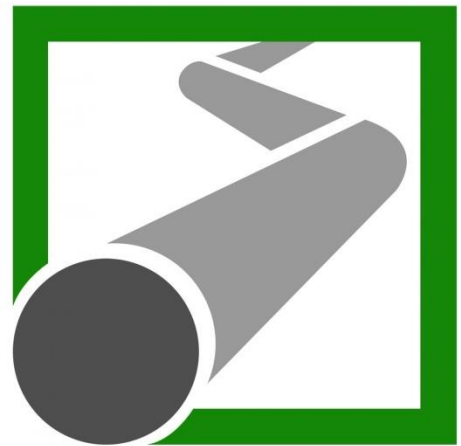
Long-Term Relationships

Seeking long-term relationships by creating trust





3. Machineries & Facilities



The power of the machinery and facilities we use

Machineries



Machineries

Some of Payandan Machineries



Sideboom **46**

Loader **13**



Excavator **11**

14

Crane



Machineries

188

Generator



405

Rectifier



Truck and Trailer

79



9

Tower Crane



Machineries & Equipment



| No | Name | Producer | Model | Count |
|----|------------------------|---|--------------------------|-------|
| 1 | Sideboom | Komatsu- Cat- B.A. - F.A. | D9 or 355 | 46 |
| 2 | Bulldozer | Komatsu- Cat- Hepco | D7 or D10 | 3 |
| 3 | Excavator | Komatsu - Hyundai- Daewoo | Different Models | 11 |
| 4 | Grader | Cat -Hepco | Different Models | 1 |
| 5 | Loader and Mini Loader | Cat- Hyundai- Volvo | Different Models | 13 |
| 6 | Bending Machine | CRC | 8 to 56 inches | 4 |
| 7 | Crane | Tadano- Kato- Benz | 3 to 30 tons | 14 |
| 8 | Forklift | Komatsu - Daewoo- Hyster | 3 to 7 tons | 1 |
| 9 | Pay Welder | Fiat | Different Models | 3 |
| 10 | Internal Clamp | Vikma- CRC | 10 to 56 inches | 11 |
| 11 | External Clamp | A.I. | 6 to 56 inches | 35 |
| 12 | Welding Mig Machine | GAM Electric | 500 amp | 36 |
| 13 | Welding Set | Lincoln- Miller- Hobart | 400 to 500 amp | 16 |
| 14 | Rectifier | G.E. - Cara | 630 amp | 405 |
| 15 | Generator | Volvo- Cat- GM- Perkinz- Benz- Komatsu- Cummenis | 30 to 700 KVA | 188 |
| 16 | Compressor | Ingersourland- I.S. – Atlas- Pars- Cat- Sulair | CFM 175 to 1750 | 16 |
| 17 | Concrete Pump | Schwing | Different Sizes | 3 |
| 18 | Hydraulic Hammer | NPK- Forokava | Different Models | 6 |
| 19 | Truck-Trailer | Mack- Scania- Benz - Volvo | Different Models | 16 |
| 20 | Truck Mixer | Benz- Mac | 6 to 11 cubic meters | 15 |
| 21 | Truck - Fuel Tank | Benz- Amico | Different Models | 48 |
| 22 | Pickup Truck (2 & 4WD) | Toyota- Pars- Mazda- Nissan | Single or Double Cabin | 80 |
| 23 | Vehicle (4WD) | Pars – Nissan- Jeep- Korando- Toyota- Sozuki- Kia | Different Models | 55 |
| 24 | Vehicle | Ikco- Saipa | Different Models | 63 |
| 25 | Ambulance | Mazda- Toyota- Nissan | Land Cruiser - Patrol | 13 |
| 26 | Bus - Mini Bus - Van | Volvo- Benz | – | 8 |
| 27 | Tractor | Romani- M.F. | – | 8 |
| 28 | Batching Machine | Rah Machine- Liebherr | 30 Cubic Meters per Hour | 3 |
| 29 | Tower Crane | Potain | 8 and 12 tons | 9 |
| 30 | Tower Light | Kubota | 4 Projector | 15 |
| 31 | Road roller | Mikasa – Hepco – Bomag – Three Star | Different Models | 24 |
| 32 | Fire Engine | Iveco | - | 2 |

Facilities



Khouzi Steel Structure Factory



Asaluyeh Central Warehouse



Kangan Warehouse



Kangan Spoolshop



Facilities



Khouzi Steel Structure Factory

Mohr, Iran

Production Capacity: 2000 ton/month

Area: 19500 m²

Workshops: 3100 m²

Residential Camp: 2200 m²

Offices: 340 m²

Steel Structure production for projects in Asaluyeh Area such as:

South Pars Gas Field Development Phases: 13, 14, 15-16, 17-18, 22-23-24



Facilities



Payandan Asaluyeh Central Warehouse

Asaluyeh, Iran

Area: 24000 m²

3000 m² Covered Warehouse

520 m² Residential Camp



Facilities



Kangan Warehouse

Kangan, Iran

PAYANDAN CO.



شرکت پائندان

Area: 90000 m²

Covered Warehouse: 2000 m²

2x250 m² ColdRoom

Facilities

Kangan Spoolshop

Kangan, Iran



Area:

30000 m²

Workshops:

4x3000 m² Covered Workshops

1 Shot Blast Workshop

8x10 tons Cranes

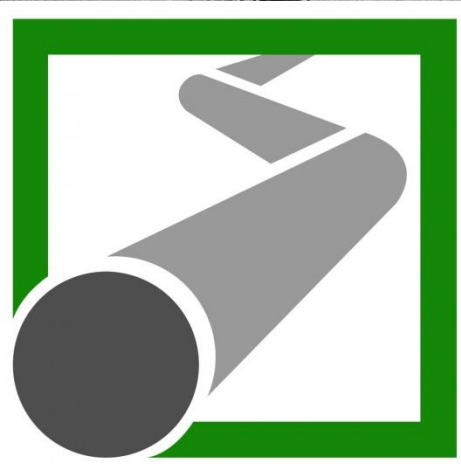
Production Capacity:

2000 dia/inch per day





4. Projects

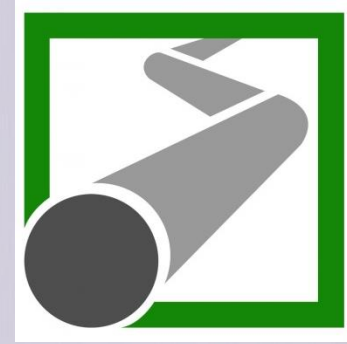


A glimpse of what we have achieved so far

Projects



PIPELINE PROJECTS



Total Projects:

43

Total Pipeline Projects Length:

+6000 KM

Total Contract Value:

+600 M\$



56" Dezfoul-Kouhdasht Gas Pipeline (PC)



Client: Naftanir / Iranian Gas Engineering & Development Company

Duration: 11 Months

Start: 2014

Location: Khouzestan, Iran

Price: 70,000,000 \$

The project is part of IGAT VI (Iran Gas Allover Trunk line) and using API5LX70 steel pipes its length reaches 160km. the main parts of project include:

- 6 valve stations
- 1 launcher station
- 1 receiver station
- 2 interconnections
- 2 cathodic protection stations
- 30 km power transmission line
- Telecommunication buildings
- 160 km optical fiber cable



48" Iraq Gas Pipeline (C)



The 48" pipeline starts near Iran-Iraq border and its API5LX65 steel pipes continue for 68 km. The project includes:

- 1 launcher station
- 1 launcher & receiver station
- 2 mainline valve stations
- 1 C.P Station

Client: ICG Group
Iraq Oil Ministry

Duration: 12 Months

Start: 2012

Location: Iraq

Price: 13,000,000 \$

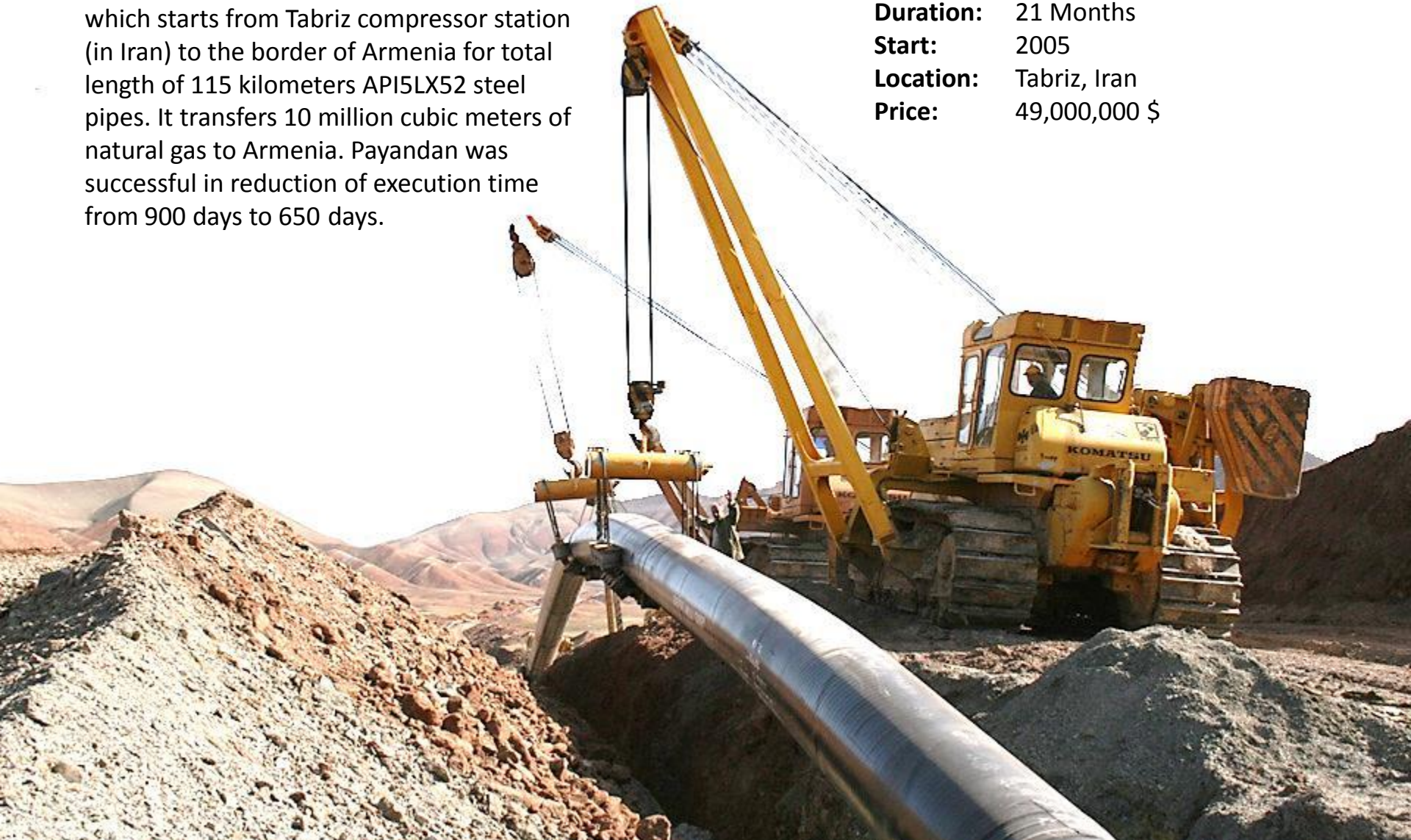


30" Iran- Armenia Gas Pipeline (EPC)



The project is part of gas export pipeline which starts from Tabriz compressor station (in Iran) to the border of Armenia for total length of 115 kilometers API5LX52 steel pipes. It transfers 10 million cubic meters of natural gas to Armenia. Payandan was successful in reduction of execution time from 900 days to 650 days.

Client: National Iranian Gas Company
Duration: 21 Months
Start: 2005
Location: Tabriz, Iran
Price: 49,000,000 \$



Refinery and Petrochemical Projects



Total Projects:

12

Total Contract Value:

1180 M\$



Parsian Gas Refinery (EPC)



Parsian Gas Refinery 1 Project is constructed in the south of Fars province to receive and refine 1520 MMCF/day sweet gas from Tabnak oil reservoir. The project was completed in partnership with IPMI.

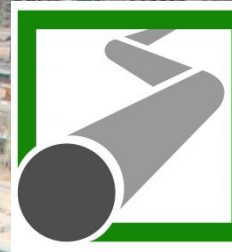
The construction part of the project includes:

- Building: 32,000 m²
- Concrete work: 40,000 m³
- Mechanical equipment: 4,000 tons
- Steel structures: 8,500 tons
- Piping: 200,000 in-dia
- Cabling: 330 km
- Instrument and electrical system
- F&G system

Client: National Iranian Gas Company (NIGC)
Duration: 45 months
Start : 2003
Location: Lamerd, Iran
Price: 101,000,000 \$



Top Deck Installation of Pars Petrochemical Port (EPC)



Top Deck Installation on Pars Petrochemical Port (EPC)



As Payandan's first EPC project, Top Deck Installation on Pars Petrochemical Port is planned for exporting petrochemical products of 5 petrochemical plants by 15 offshore jetties having total capacity of 30 million tons/year out of which 5 jetties (each having 8 loading arms) is engineered, procured, and constructed by Payandan. The jetties may service vessels with capacities up to 7000 tons.

The construction activities of the project include:

- Pipe installation: 6000 tons
- Steel structure: 8500 tons
- Piping: 100,000 in-dia
- Cabling: 200 km
- Installation of electrical, instrument, and measurement instruments

Client: National Petrochemical Company (NPC)
Duration: 39 months
Start: 2003
Location: Assaluyeh, Iran
Price: 36,000,000 \$



South Pars LGST Unit - Phases 14 (EPC)



South Pars Gas Field Development - Phase 14 (EPC)



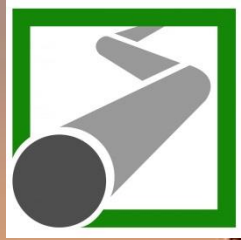
The project was completed in partnership with IPMI and MAPNA Group. It consists of 4 trains including gas treating, dehydration and mercury guard, ethane recovery, NGL fractionation, propane refrigeration, caustic regeneration, propane treatment & drying, butane treatment & drying, and ethane treatment & drying.

- Concrete works: 52,000 m³
- Installation of rotary and fixed equipment: 19,000 tons
- Piping: 1,200,000 in-dia
- Steel structures: 14,000 tons
- Cabling: 720 kilometers
- Instrument and electrical system
- Building: 30,000 m²

Client: POGC
Duration: 40 months
Start: 2010
Location: Assaluyeh, Iran
Price: 486,000,000 \$



South Pars LGST Unit - Phases 15 & 16 (C)



South Pars LGST Unit - Phases 15 & 16 (C)



The Lean Gas and Sulphur Treatment (LGST) area consists of 4 trains and each train includes Gas Sweetening unit, Dehydration unit, Ethane Recovery unit, Sulphur Recovery unit, Propane Refrigeration unit, and Sulphur Solidification unit. The construction phase includes:

- Concrete works: 70,000 m³
- Installation of 17,000 tons rotary and fixed equipment
- Steel structures: 7,500 tons
- Piping: 700,000 in-dia
- Cabling: 720 kilometers
- Instrument and electrical system

Client: POGC
Duration: 40 months
Start: 2008
Location: Assaluyeh, Iran
Price: 49,000,000 \$





Mechanical Works of Units 04, 13 & 31 Shazand Arak Refinery Expansion (C)

Client: Consortium of SAZEH, ODCC, SEI
Duration: 29 months
Start: 2009
Location: Arak, Iran
Price: 22,000,000 \$

Mechanical Works of Units 04, 13 & 31 Shazand Arak Refinery Expansion is performed near Shazand town. The main activities include:

- Civil construction & concrete works: 19,000 m³
- Steel structure: 820 tons
- Rotary & fix Equipment: 8,200 tons
- Piping: 250,000 in-dia
- Installation of pipe supports: 342 tons
- Installation of flanges: 9,700 in-dia
- Insulating: 180,000 in-dia
- Insulating of fixed equipment: 5,700 m²
- Electrical & instrument
- Firefighting system
- Commissioning



Mechanical Works of Units 04, 13 & 31 Shazand Arak Refinery Expansion (C)



South Pars Gas Field Development - Phase 13 (C)



This project is part of South Pars Gas Field Development Phase 13 in Assaluyeh. The area consists of 3 units and each unit includes gas treating, dehydration and mercury guard, and ethane recovery .

The construction work include:

- Installation of 12,000 tons rotary and fixed equipment
- Piping 550,000 india
- Concrete works 35,000 m³

Client: Petro Paydar Iranian Co.

Duration: 16 Months

Start: 2011

Location: Assaluyeh, Iran

Price: 129,000,000 \$



South Pars Gas Field Development - Phases 22, 23 & 24 (PC)



This project is part of South Pars Gas Field Development Phases 22, 23 & for procurement, transportation, prefabrication and fabrication of 3300 tons structure such as stairs, ladders, gratings, hand rails, circular platforms, platforms and support platforms.

Client: Petro Sina Aria Co.
Duration: 12 Months
Start: 2012
Location: Assaluyeh - Iran
Price: 62,000,000 \$



South Pars Gas Field Development - Phases 17 & 18 Industrial Buildings (PC)

This project is part of South Pars Gas Field Development Phases 13 in Assaluyeh. The construction part of the project include:

- Building Construction 20,000 m2
- Electrical Instrument
- Air conditioning system
- Landscaping 45,000 m2

Client: IPMI
(Industrial Projects Management of Iran)

Duration: 8 Months

Start: 2013

Location: Assaluyeh - Iran

Price: 12,000,000 \$



Wellhead Facilities Projects



Total Projects: **6**

Total Contract Value: **+130 M\$**



Well Head Facilities, Gas Gathering & Injection in Lavan Island (EPC)

The project includes engineering, construction, and installation of wellhead facilities for Lavan Wells 2 and 3.

The main parts of project include:

- 20 km 8" & 6" gas pipeline
- 2 launcher and receiver stations
- 18 km 20kv power line from Salman Power Station to wellheads
- Firefighting system
- Civil work

Client: Iranian Offshore Oil Company (IOOC)

Duration: 18 months

Start: 2008

Location: Lavan Island- Persian Gulf

Price: 37,000,000 \$



Nargesi Gas Gathering & Injection (EPC)



Client: National Iranian South Oil Company (NISOC)

Duration: 60 months

Start: 2005

Location: Daleki, Iran

Price: 37,000,000 \$

The facility is developed for a capacity of 19 MMft³/D gas. A new 8km 6" pipeline is constructed to inject gas at 3300 psi to Nargesi oil well.

Main activities include:

- Installation of 10 compressors
- Piping 80,000 in-dia
- Launcher and receiver stations
- 37 km power transmission line
- 2 power stations
- Concrete work: 13,000m³
- Building: 4,000 m²



Storage Tank Projects



Total Projects:

2

Total Contract Value:

23 M\$



500,000 BBL Crude Oil Storage Tank in Lavan Island (EPC)



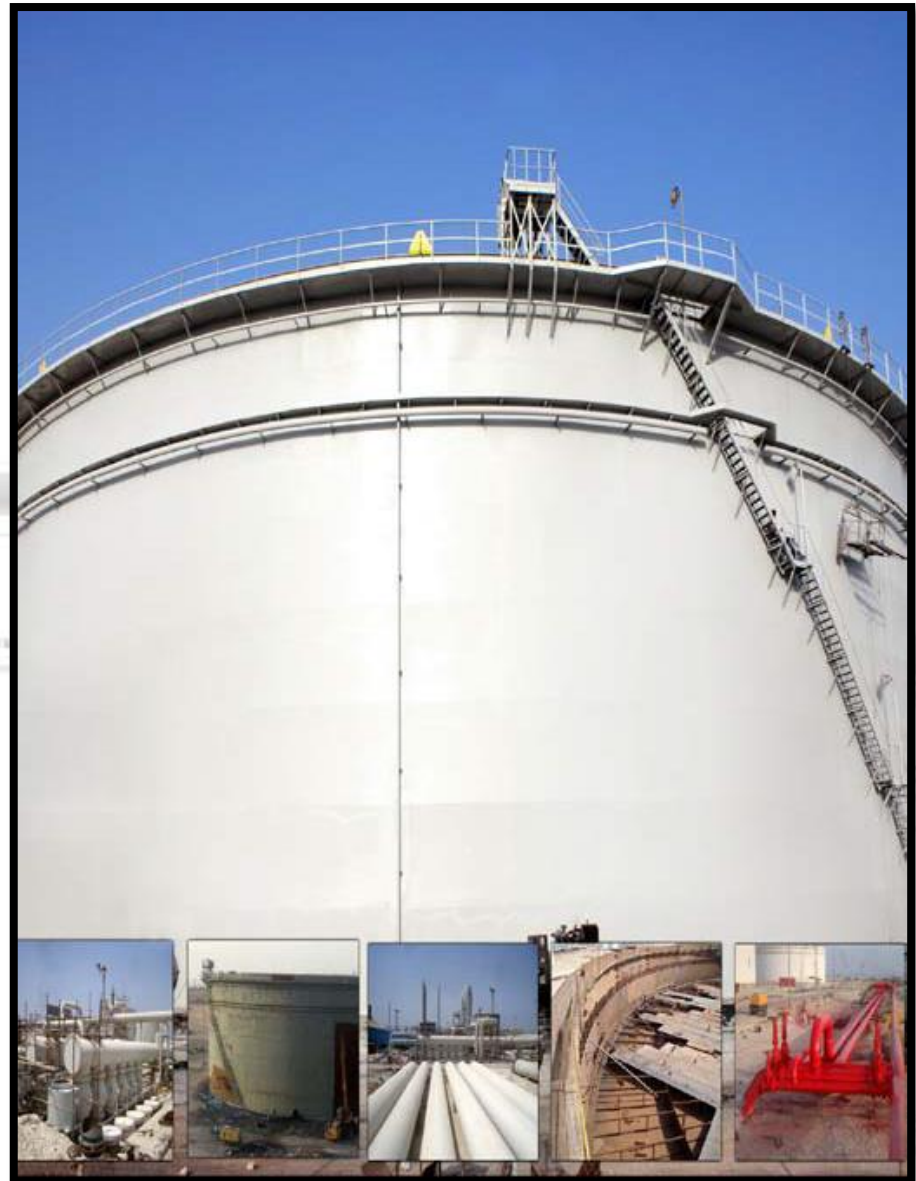
Client: Iranian Offshore Oil Company (IOOC)
Duration: 19 months
Start: 2008
Location: Lavan Island- Persian Gulf
Price: 10,000,000 \$

The project includes engineering, procurement, and construction of a 75 m dia. by 19.2 m height oil reserve tank with a floating roof.

Up to 4,000 ton steel plates were procured, transferred to the project site and welded for construction of the tank.

Other main activities include:

- 42" Oil pipeline around 1000 m
- 4000 m³ earthwork
- 150 m³ concreting
- Installation of control valves (3 set 36")
- Construction of water & fire fighting foam pipeline
- Electrical, instrument & control systems
- Cathodic protection
- Lighting system
- Civil work



1,000,000 BBL Crude Oil Storage Tank in Lavan Island (EPC)



Client: Iranian Offshore Oil Company (IOOC)

Duration: 36 months

Start: 2013

Location: Lavan Island- Persian Gulf

Price: 13,000,000 \$

The project includes Engineering, procurement, and construction of a 105m dia. by 18.2 m height oil reserve tank with a double deck floating roof. Approximately 8,000 ton steel plates were procured, transferred to the project site and welded for construction of the tank.

Other main activities include:

- Installation of control valves (3 set 36")
- 8000 m³ earthwork
- 300 m³ concreting
- Installation all side entry parts to tank
- EPC of water & fire fighting foam pipeline
- Electrical, instrument & Control systems
- Cathodic protection System
- Lighting system
- Civil work
- RGA System



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