



Nardis
2017



No.27, 6th st., Asad abadi ave., Tehran/Iran
Zip Code: 1431784897



Tel.: +98 (21) 88556737
+98 (21) 88556742
Fax.: +98 (21) 88556764
www.nardisco.com
info@nardisco.com

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COMPANY HIGHLIGHT

Having valuable background and experience of doing various International and national EPC projects in different areas of Energy sector, has promoted Nardis capabilities to play an essential role in oil, gas and petrochemical market.

Nardis aim is carrying out oil, gas and petrochemical EPC projects of different scales in onshore and offshore fields globally and locally.

Nardis dedicates diligent experts to meet project targets and ensure that the project are executed based on latest international standards, on time. The ability which has led Nardis to obtain two important national certificates which are first ranking of EPC contracting certificate derived from first ranking of design certificate and first ranking of construction certificate.

Nardis applies Integrated Management System (IMS) procedures on all projects and activities.

Nardis endeavors to ensure customer satisfaction, confidentiality, security of their employee as well as environmental aspects through defining of framework in continues development.

Because of this actual commitment in the various aspects, Nardis has been assessed as certified to meet the following requirements:

ISO 9001, ISO/TS 29001, ISO 18001, ISO 14001, HSE management system.



CORPORATE SOCIAL RESPONSIBILITY



Nardis is committed to Sustainable Development (SD) and Corporate Social Responsibility (CSR) through a balanced approach to economic development.

Nardis commitment to SD and CSR is reaffirmed through the policies and practices related to:

- Sustainable development and social responsibility;
- Occupational health and wellness;
- Safety;
- Security;
- Respect to environment;

FIELD OF ACTIVITIES

- Oil and Gas Field Development
- Offshore Complexes & Facilities
- Oil & Gas Refineries
- Utility & Offsite Systems
- Petrochemical Complexes & Affiliated Industries
- Pipelines, Pumping & Compressor Stations
- Tank Farms



SERVICES

Nardis is well prepared as a EPC contractor to participate in the specialized oil, gas and petrochemical industries. We provide following services:

- Project Management
- Engineering
- Procurement
- Construction & Installation
- Commissioning & Start-up

HEALTH, SAFETY, ENVIRONMENT



Nardis HSE management system has been designed and implemented based on ISO 18001:2007, ISO 14001:2008 and HSE MS requirements. We emphasize on everlasting commitment to adequate quality, preserving health, considering safety everywhere and maintaining environment in our objectives, all activities and areas of work. The Company respects employees rights, environment protection, community involvement, supplier, contractor, social rights and shareholder interests.

HSE STATISTICALLY REPORT

INDEX/ PERIOD	TOTAL	2011	2012	2013	2014
Man Hours	20,050,862	2,074,665	6,534,761	6,751,536	4,689,900
HSE Training Hours	53,617	16,003	12,426	16,635	8,553
LTC (Lost Time Case rate)		1	0.8	0.6	3.8
LWD (Lost Work Days rate)		5.71	9.4	484	1.5
EAR (Environment Accident Rate)		1	0	0	0

QUALITY CONTROL

Nardis quality management system has been designed and implemented based on ISO 9001:2008 & ISO/TS 29001:2010 requirements. Therefore quality assurance, quality control, inspection and audits aim to ensure product conformity & procedure with client prerequisite in the following steps:

- Design & Engineering
- Procurement
- Construction
- Commissioning

Objectives:

- Promoting culture of customer orienting in project execution and accentuating fidelity to the agreed commitments with client
- Carrying out tasks based on pertinent standards & practical procedures in order to fulfill the contract conditions & regulations
- Supervising quality function of projects and providing rational solutions as correction/ remedy/ prevention actions
- Frequent development, implementation and updating of SOW & work procedures in order to make continual improvement
- Internal auditing in order to ensure fulfillment of SOW

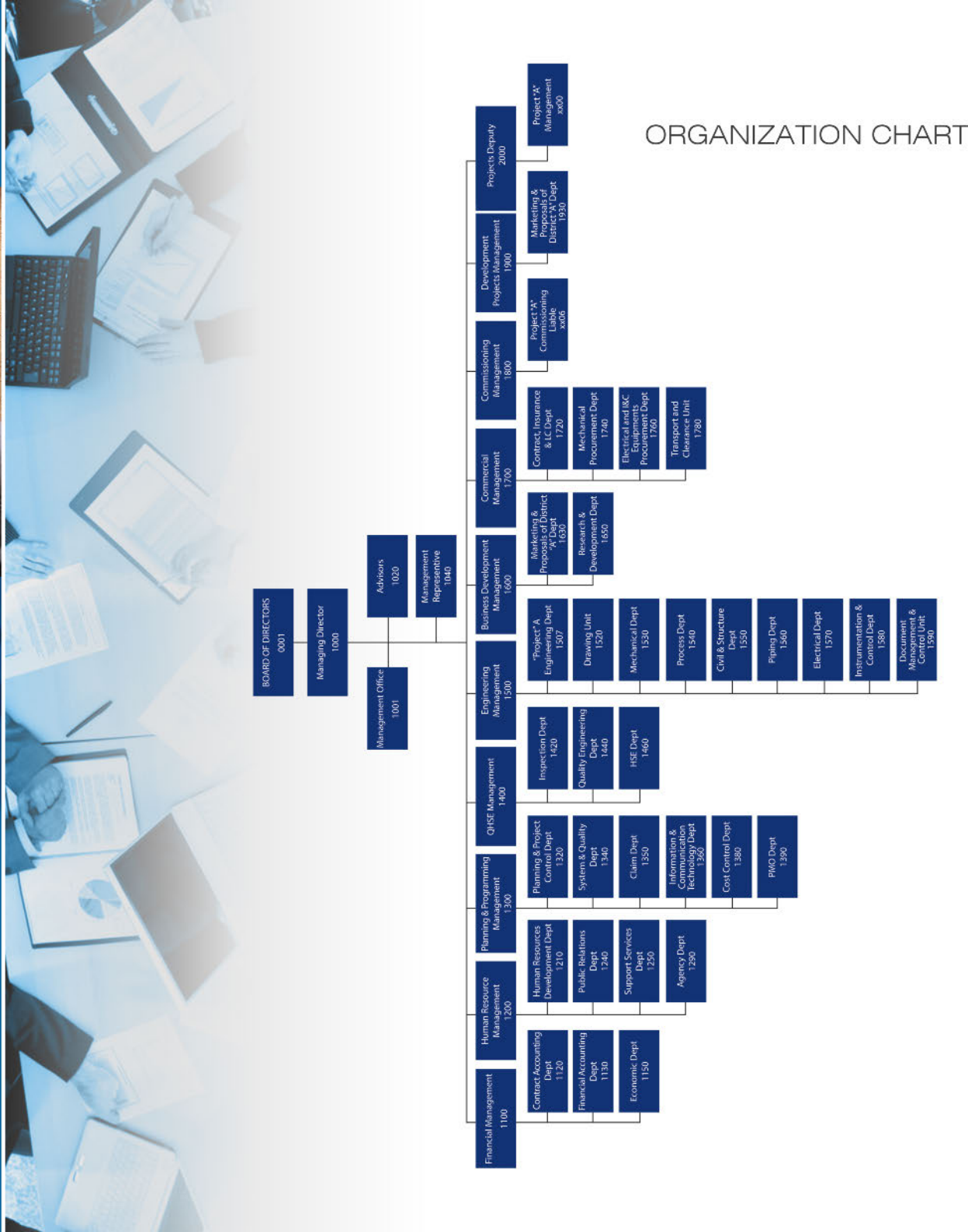


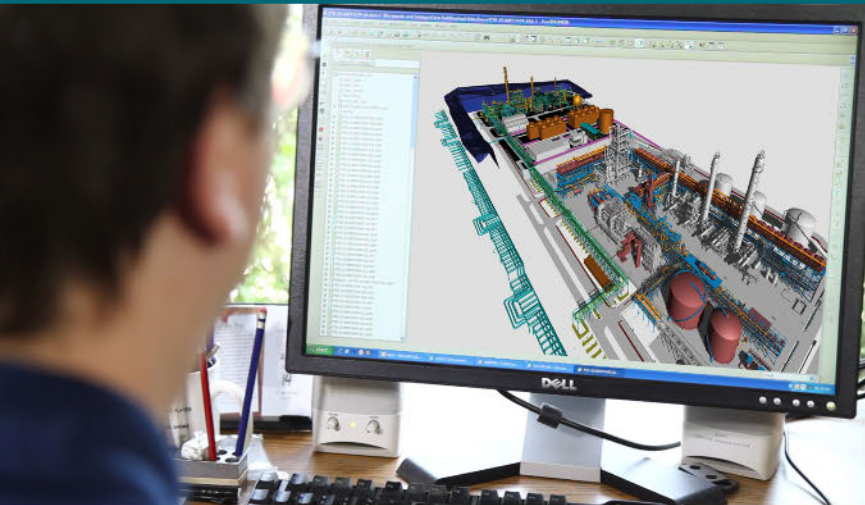
HUMAN RESOURCES

The true value of any company in a technology driven industry is its people. Nardis is fully aware that the experience of around 300 qualified staff is the foundation of its success.

The Company gives great importance to secur expert personnel and invests significant resources in finding the right people. Nardis is also cognizant of ongoing training and strenghten the staff.

To those persons who meet the stringent requirements, the company offers a performance – based reward system and advanced training programs.





ENGINEERING

Nardis engineering department provides comprehensive engineering services in the best quality level including:

- Feasibility study
- Conceptual design
- Basic design
- Front End Engineering Design (FEED)
- Detailed Engineering and Procurement engineering services

Nardis offers engineering services which blend practical experience with advanced technical resolutions.

Nardis engineering services works closely with its customers to establish project engineering teams with the optimum combination of skill and experience. Our goal is to ensure that the best development solution is identified to provide maximum value for our customers.

Our engineering capability is supported by a full range of disciplines:

- Process & Safety
- Civil/Structural & Architecture
- Mechanical
- Instrument & Control
- Piping & Layout
- Electrical & Telecom



PROJECT MANAGEMENT

Using the wide range of experience and expertise obtained over the years, having all IMS based ISO certificates and being certified as one of the Iranian companies with grade1 EPC certificate, grade1 construction certificate and best qualified for obtaining grade1 consultation certificate.

Nardis project management teams mainly focus on the following concepts:

- Control the project to execute within the time framework of the contract
- Manage the project budget and cash flow
- Coordinate all involved disciplines of the company like engineering, procurement and construction
- Supervise the quality of project activities and consequences to be in accordance with client requirements and expectations.





PROCUREMENT

Procurement plays a key role in overall performance of Nardis through full contribution of its resources to acquire goods or services by balancing and optimizing critical parameters i.e. time, quality, and price.

To achieve our goals, we engage a well-organized and highly-qualified team of experts, with engineering, management, and other related backgrounds in the process of procurement. Relying on the power of practical experience, we assure the full responsibility of procurement up to the safe delivery of goods to the site.

Providing business development department of Nardis with competitive budget price for tenders is yet another important role of commercial management team in Nardis.

CONSTRUCTION AND COMMISSIONING

Timely delivery of plant, which meets the entire client's need, is Nardis project management target.

Professional construction management is undoubtedly the foundation to success of any EPC project. For this reason, Nardis employs expert staffs in construction management with a proven track record of success, in both high capital value and fast track contracts.

Nardis philosophy towards project construction management has a number of key elements:

- Select sub-contractor with a suitable quality and performance track record.
- Monitor actual construction progress against the proposed plan.
- Identify areas where construction progress falls behind the plan and take corrective action to recover progress.
- Monitor corrective actions to ensure the desired effect.



NARDIS PROJECTS SUMMARY

COMPLETED PROJECTS

Project Name	Owner	Location	Type of Contract	Duration (month)
Nar Gas Compressor Station	IOOC	Fars	EPC	26
Varavi Gas Compressor Station	IOOC	Fars	E	12
Ilam Petrochemical Complex Power & Steam Generation Plant	Ilam Petrochemical company	Ilam	EPC	30
Kish Gas Field (phase 1) (F. S. & construction of main buildings)	NIOC - PEDEC	Hormozgan	FS & C	12
Parsian Power Plant GPRS	IGEDC	Fars	EPC	6
Pardis Petrochemical Plant (Phase III-Ammonia & Utility)	Pardis Petrochemical Company (PPC)	Bushehr	C	16

ONGOING PROJECTS

Project Name	Owner	Location	Type of Contract	Duration (month)
Foroozan Offshore Complex Renovation & Reconstruction	Iranian Offshore Oil Co. (IOOC)	Persian Gulf	EPC	36
Bandar Abbas Gas Condensate Refinery	PGSC	Bandar Abbas	EPC	30
Iran LNG - Gas Treating unit	Iran LNG Co. (ILC)	Bushehr	EPC	28
Kharg NGL, Utility Units	Iranian Offshore Oil Co. (IOOC)	Kharg Island	EPC	24
Al-sadder Power Plant GPRS	Ministry of Electricity (MOE)	Iraq	EPC	8
Bushehr Petrochemical Complex Utility Units	Bushehr Petrochemical Company	Bushehr	E	12
Sabz-ab Rey Crude Oil Pipeline	National Iranian Oil Engineering and Construction Company (NIOEC)	Khoozestan to Tehran	EPC	36
Asaluye Tankage and Condensate Metering Station	Pars Oil & Gas Company (POGC)	Bushehr	EPC	21
Rehabilitation of Crude Oil Floating Roof Storage Tank B1	South Oil Company (SOC)	Iraq	EPC	12
Masjed Soleyman Floating Pump Station	MIS	Khoozestan	EPC	12
Naft e Sefid Oil Production Unit	ISOC	Khoozestan	EPC	30
Utility Units of South Pars Development, Phases 22,23&24	Petro Sina Anya Co.	Bushehr	PC	24

NAR GAS COMPRESSOR STATION

Location:
Iran, Fars Province, NAR Region

Owner: Iranian central Oil Field
Company (ICOFC)

Type of Contract: EPC

Contract Duration: 26 months

MAIN SPECIFICATION:

- Gas Turbo Compressors
- Air Gas Coolers
- Suction Scrubbers
- Sludge Catchers
- Knock Out Drum
- Instrument Air Compressor Package
- Flare System
- Power Transformers
- Diesel Generator
- Fire Water System
- Gas Pipeline



ILAM PETROCHEMICAL COMPLEX POWER & STEAM GENERATION PLANT

Location: Iran, Ilam Province,
12 kilometer from North West of
Ilam City

Owner: ILAM Petrochemical
Company

Type of Contract: EPC

Contract Duration: 30 Months

MAIN SPECIFICATION:

- Gas Turbine Generators
- HRSG Units
- Auxiliary Boiler
- Main Transformers
- Diesel Generators
- Gas Oil Storage Tanks
- Switchgears
- Feed water System
- Auxiliary Transformers



PARDIS PETROCHEMICAL PLANT (PHASE III - AMMONIA & UTILITY)

Location:
Iran, Bushehr Province, Asalouyeh

Owner: Pardis Petrochemical
Company (PPC)

Type of Contract: C

Contract Duration: 16 months

MAIN SPECIFICATION:

- Ammonia – 680,000 Ton/Year
- urea – 1,075,000 Ton/Year
(not in score)
- Flare
- Utility and Offsite With the
Overall Equipment
Weight – 10,000 Ton And
200,000 Inch- dia Piping



BANDAR ABBAS GAS CONDENSATE REFINERY (Process & Utility Units)

Location: Iran, Hormozgan Province,
Bandar Abbas

Owner: Persian Golf Star Company
(PGSC)

Type of Contract: EPC

Contract Duration: 30 Months

SCOPE OF WORK:

Process Units

- Units 05 & 55: LPG Recovery
Units - 2×16000 BPSD
- Units 08 & 58: Amine Treating &
Sour Water Stripper Units -
2×161.4 m³/hr
- Units 09 & 59: Sulfur Recovery
Units - 2×85 TPD
- Units 17 & 67: LPG MEROX
Units - 2×13000 BPSD

Utility Units

- Unit 11: Nitrogen Unit
- Unit 21: Steam System & Power
Generation Unit
- Unit 22: Water System Unit
- Unit 23: Fuel System Unit
- Unit 24: Plant & Instrument Air
Unit
- Unit 26: Waste Water Treatment
Unit

Common Facilities

- Unit 40: All of Substations in
Refinery



FOROOZAN OFFSHORE COMPLEX RENOVATION & RECONSTRUCTION

Location:
Iran, Persian Gulf, 100 Kilometers
from KHARG Island

Owner:
Iranian Offshore Oil Company
(IOOC)

Type of Contract: EPC

Contract Duration: 36 months

SCOPE OF WORK:

5 offshore platforms including:

- Separators
- Turbo pumps and Generators
- Oily and Sewage water treatment system
- Potable water system
- Fire water system
- Instrument and plant Air system
- Flare systems
- Well head control panel
- Crane
- DCS, ESD, Telecom



UTILITY UNITS OF SOUTH PARS DEVELOPMENT, PHASES 22,23&24

Location:
Iran, Bushehr Province, Assaluyeh

Owner: PETRO SINA ARIA
Company

Type of Contract: PC

Contract Duration: 24 months

SCOPE OF WORK:

- Power Distribution & Substations
- Steam Generation Unit
- Instrument and plant Air System
- Nitrogen Generation Unit
- Effluent Treatment , Polishing & Potable water
- Fire water System
- Diesel Fuel Oil System
- Cooling Water System



IRAN LNG – GAS TREATING UNIT

Location: Iran, Bushehr Province
Asalouyeh, Tombak

Owner: IRAN LNG Co. (ILCO)

Type of Contract: EPC

Contract Duration: 28 Months

MAIN SPECIFICATION:

- Metering
- Acid Gas Removal
- Dehydration & Mercaptan Removal
- Mercury Removal
- Sulfur Recovery
- LPG Sweetening



KHARG NGL UTILITY UNITS

Location: Iran, Persian Gulf,
Kharg Island

Owner: Iranian Offshore Oil Co. (IOOC)

Type of Contract: EPC

Contract Duration: 24 Months

SCOPE OF WORK AND MAIN SPECIFICATION:

- Steam Generation Unit
- Gas Turbine Generators
- Instrument Air System
- Nitrogen Generation Unit
- Desalination , DM & Potable Water units
- Fuel Gas & Oil System
- Diesel Generators
- Fuel Gas Compressors



PARSIAN POWER PLANT GPRS

Location: Iran, Fars Province, Lamerd

Owner: IGEDO

Type of Contract: EPC

Contract Duration: 6 Months

MAIN SPECIFICATION:

Gas pressure reduction station with the following capacity:

- Capacity: 55,000 nm³/hr
- Inlet Pressure: 92 Barg
- Outlet Pressure: 32 Barg



ALSADDER POWER PLANT GPRS

Location: Iraq, Baghdad

Owner: Ministry of Electricity (MOE)

Type of Contract: EPC

Contract Duration: 8 months

MAIN SPECIFICATION:

Gas pressure reduction station with the following Capacity:

- Capacity: 110,000 nm³/hr
- Inlet Pressure: 45 Barg
- Outlet Pressure: 23 Barg



SABZ-AB REY CRUDE OIL PIPELINE PROJECT

Location: Iran, Khoozestan to Tehran

Owner: National Iranian Oil Engineering and Construction Company (NIOEC)

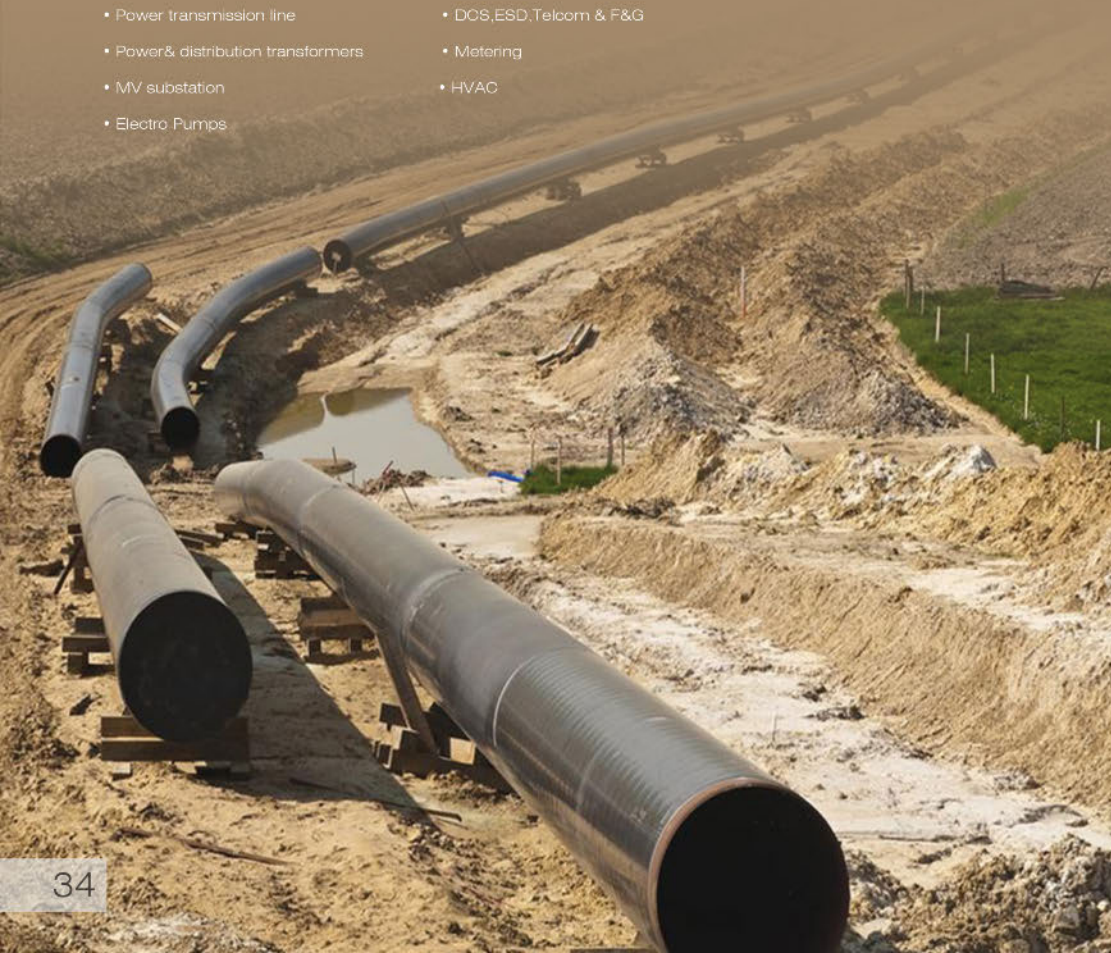
Contractor: Nasre Misagh – Nardis – Setiran Consortium

Type of Contract: EPC

Contract Duration: 36 Months

MAIN SPECIFICATION:

- Pipe line 680 KM
- Power transmission line
- Power & distribution transformers
- MV substation
- Electro Pumps
- Crane
- DCS, ESD, Telecom & F&G
- Metering
- HVAC



ASSALUYEH TANKAGE AND CONDENSATE METERING STATION

Location: Iran, Bushehr Province, Assaluyeh

Owner: Pars Oil & Gas Company (POGC)

Type of Contract: EPC

Contract Duration: 21 Months

MAIN SPECIFICATION:

- Condensate Storage and Transfer Unit
- Close Drain System
- Diesel Oil System
- Oily Water System
- Service Water System
- Fire Fighting System
- Instrument Air Package



NAFT-e- SEFID OIL PRODUCTION UNIT

Location: Iran, Khoozestan Province

Owner: National Iranian South Oil Fields Company

Type of Contract: EPC

Contract Duration: 30 Months

MAIN SPECIFICATION:

- Oil manifold
- Separator units
- Compressor units
- Transfer pump units
- Overhead power transmission line
- 133k substation



MASJED SOLEYMAN FLOATING PUMP STATION

Location: Iran, Khoozestan Province, Masjed Soleyman

Owner:

Type of Contract: EPC

Contract Duration: 12 months

MAIN SPECIFICATION:

- Floating pump station with variable frequency pumps
- Pipeline
- Storage tank



KISH GAS FIELD (PHASE 1) (F. S. & construction of main buildings)

Location: Iran, Hormozgan Province, Gorzeh

Owner: National Iranian Oil Company (NIOC)

Contractor: Farab – Nardis – Namvaran Consortium

Type of Contract: Feasibility Study and Basic Design

Contract Duration: 24 months

SCOPE OF WORK:

- Subsea Pipeline
- Gas Refinery
- Power Generation
- Utility & Offsite
- SBM



BUSHEHR PETROCHEMICAL COMPLEX - UTILITY UNITS

Location: Iran, Bushehr, Asaluyeh

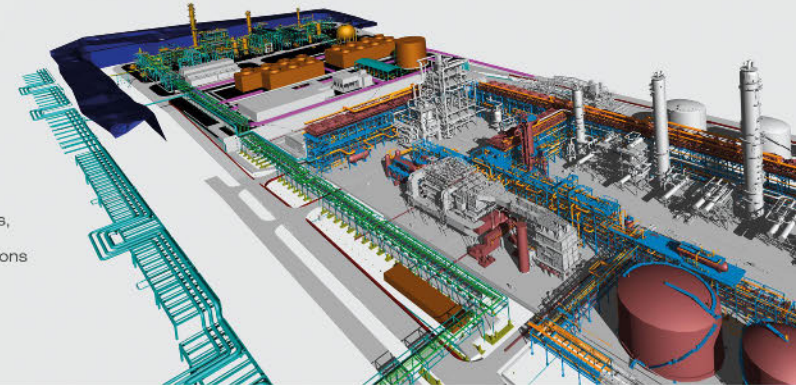
Owner: Bushehr Petrochemical Company

Type of Contract: E

Contract Duration: 12 Months

MAIN SPECIFICATION:

- Air & Nitrogen packages
- Steam generation package
- Air cooling system packages,
- flare route and interconnections



VARAVI GAS COMPRESSOR STATION

Location: Iran, Fars Province, Lamerd
Parsian Gas Refinery

Owner: Iranian Central Oil Field Company (ICOFC)

Type of Contract: E

Contract Duration: 12 months

MAIN SPECIFICATION:

- Gas Electro Compressors
- Air Gas Coolers
- Suction Scrubber
- Sludge Catcher
- Flare System and K.O Drum
- Instrument Air Compressor
- Gas pipeline
- Diesel generator
- Fire Water System
- Water Treatment Package
- Power Transmission and switch Yard



REHABILITATION OF CRUDE OIL FLOATING ROOF STORAGE TANK B1

Location: Iraq, Basra, North Rumaila

Owner: South Oil Company (SOC)

Type of Contract: EPC

Contract Duration: 12 months

MAIN SPECIFICATION:

- Crude Oil Floating Roof Storage Tank
- Tank Capacity: 82,000 M3 (500,000 bbl)
- Diameter: 74 M , Height : 20 M

