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About ODCC

Having been involved with the oil, gas and petrochemical industry as the top engineering contractor for three decades now, the Oil Design & Construction Company (ODCC) has presented a full spectrum of project services ranging from feasibility studies to implementing key megaprojects.

By offering technology-based engineering services coupled with the best purchase and manufacturing quality within the precisely-set timetable, ODCC tires to be the first choice of clients. By regularly gauging the satisfaction of customers and implementing plans to upgrade and improve services based on customer feedback, it strives to preserve its standing as a dynamic and distinguished company.



Oil Industries Engineering
and Construction Co. (OIEC)

Capital Share:
51% (Shareholder of Record)

Iran Oil Pipelines and
Telecommunications
Co. (IOPTC)

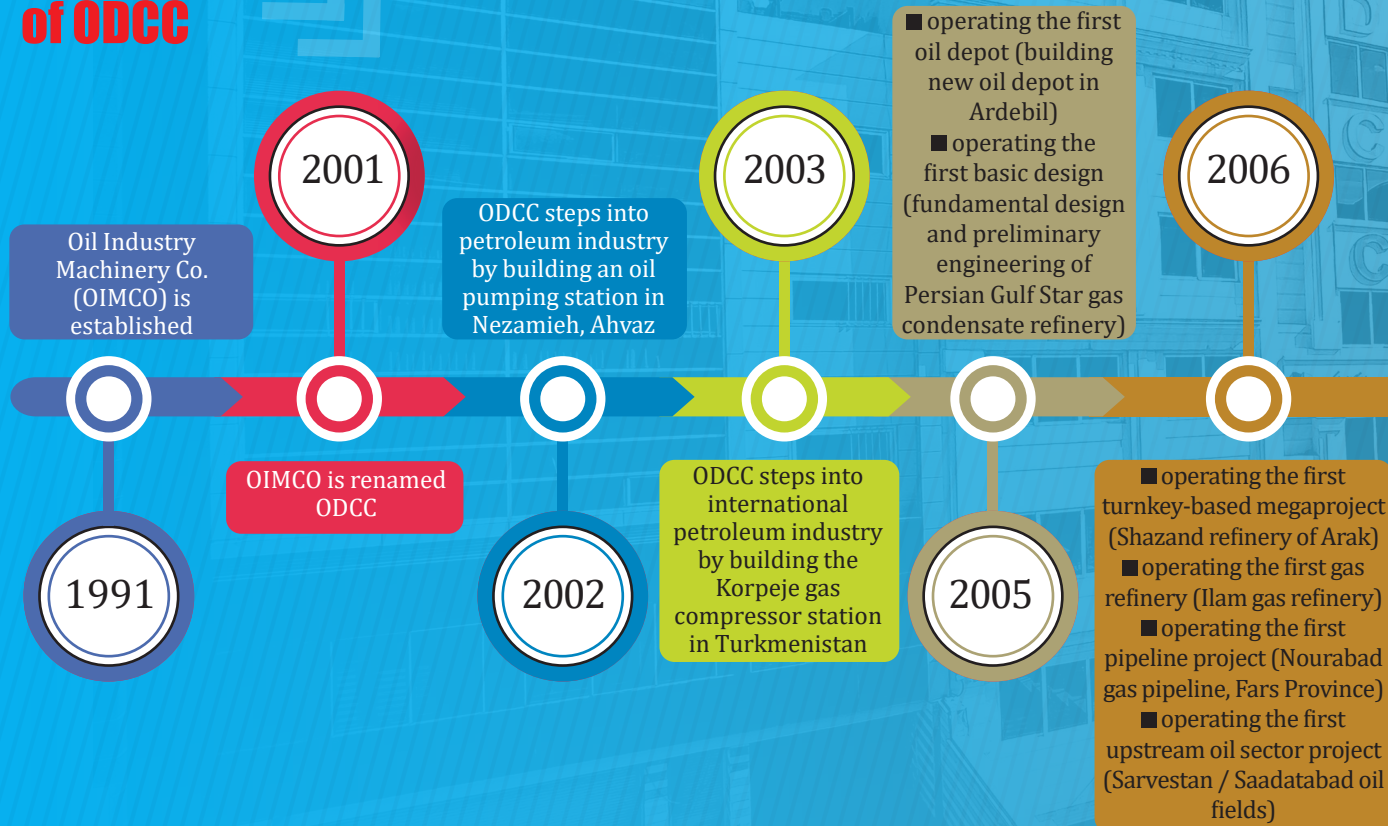
Capital Share:
0.05%

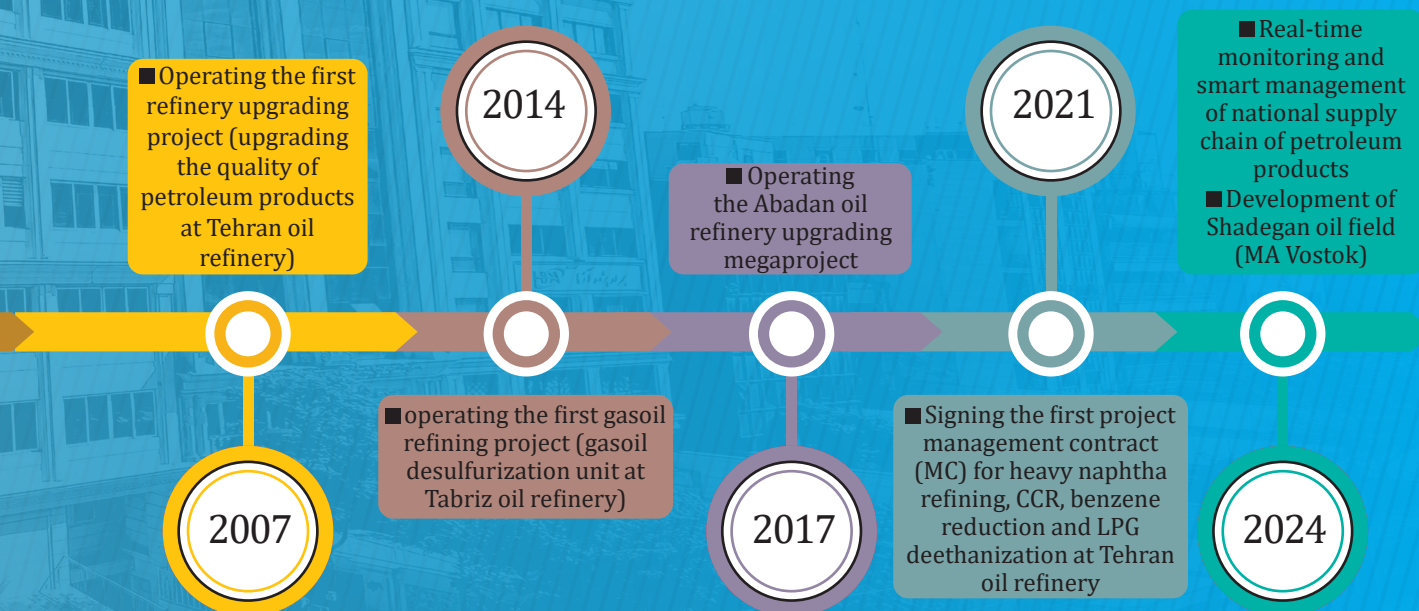
shareholders

National Iranian Oil Engineering
and Construction Co. (NIOEC)

Capital Share:
48.95% (Preferred Shares)

Brief History of ODCC





Vision, Mission, Pivotal Values

Vision

On the strength of organic documents, including the 7th National Economic Development Plan, ODCC intends to become the leading engineering and construction company in the oil, gas, refining, petrochemical and mining industries and take key steps in favor of developing Iran's energy infrastructure by applying technical knowhow, specialized manpower, cutting edge technologies compliant with international standards, and smart systems and tools, reducing dependence on foreign resources and developing technical and engineering exports with a special approach vis-à-vis renewable energies, modern technologies and value chain completion.

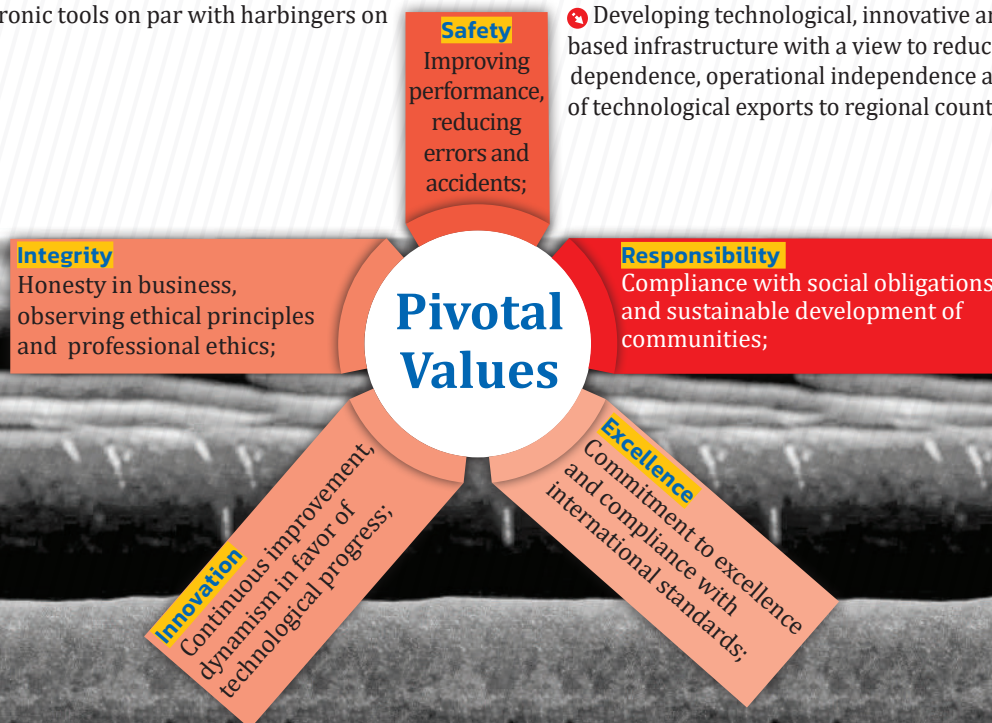


Mission

ODCC has devised seven key strategies relying on two macro-strategies – market stability and strategic development – for the purpose of realizing its excellent goals. The seven strategies ODCC feels obligated to comply with are as follows:

- Increasing domestic and international market share with a development-oriented approach in strategic cooperation and using domestic capacities and capabilities in compliance with quality and global standards;
- Improving quality and reducing costs of projects in favor of transparency, responsibility and optimization of design processes and project implementation;
- Upgrading technological levels, digitalization of engineering and construction processes and developing electronic tools on par with harbingers on the global stage;

- Developing technical and engineering services exports to global markets with priority given to neighboring and regional countries;
- Complying with environmental obligations and energy sustainability by taking into consideration energy efficiency in favor of market development;
- Empowering education and enhancing human resources productivity by implementing education programs.
Attracting and developing elite and young human capital;
- Developing technological, innovative and science-based infrastructure with a view to reducing foreign dependence, operational independence and development of technological exports to regional countries.



Latest Achievements and Records

2,300-Strong
Manpower



Implementing
Projects
Worth Over
\$10bn



Implementing
Over 40
Projects and
Megaprojects



Hosting Over
11,000 sqm of
Construction
Facilities, Heavy
Machinery and
Lifts



Turnover of
Over \$450mn



Over 30 Years
of Professional
Experience



Contractors and Service-Providers

Clients

Faradast Energy Falat
Co. (FEFCO)



Tabriz Oil Refining
Co. (TZORC)



Sohrevardi Safahan
Petrochemical
Refining Co. (SPRCO)



Isfahan Oil Refining
Company (EORC)



National Iranian
Oil Co. (NIOC)



Sepahan Oil Co.
(SOC)



Persian Gulf
Star Oil Co.
(PGSRO)



Contractors

Sekaf Technical
and Construction
Co. (Union of
Construction
Companies of Iran)



Zolal Iran



Farasan
Industrial
Manufacturing Co.



Petrohamgam
Co.



Sacookar
Construction Co. Soleh Iran Co.



Farab Co.



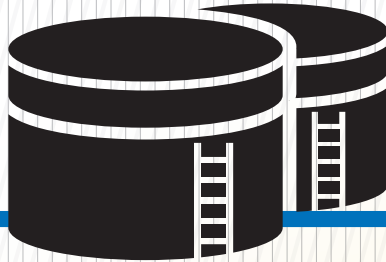
Zonouz
Gostar Co.



ODCC Integrated

Oil and Gas Terminals, Storage Tanks and Pipelines

ODCC is involved in infrastructure projects for the transport and storage of oil, gas and their products for the purpose of fulfilling an effective role in the energy industry.



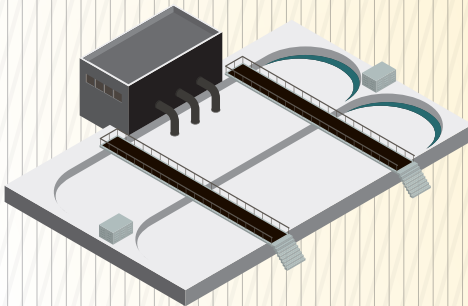
Power Plants, Clean and Renewable Energy Facilities

ODCC is expanding its involvement with power plants and renewable energy facilities projects with a view to guaranteeing a future with sustainable energy as required by global policies for clean energy acquisition.



Desalination, Treatment of Water and Wastewater

In the midst of global warming and water shortage in the world, owing to its expertise in water and wastewater treatment, ODCC has a significant share in water supply and recycling.

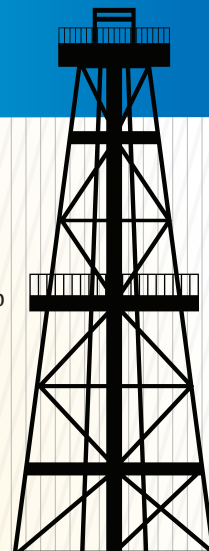


Activities Chain



Oil & Gas Fields Development

Development of oil and gas fields can help stabilize extraction of hydrocarbons that are vital for supplying global energy needs. By developing oil and gas fields for enhanced recovery from them in partnership with various clients, ODCC has successfully implemented numerous projects in the upstream sector.



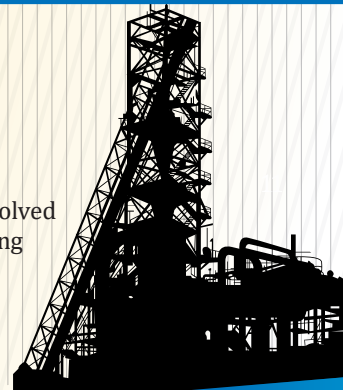
Oil & Gas Refineries

By implementing numerous refining projects and collaborating with oil refineries and some gas refineries, ODCC has gained fame as one of the most experienced engineering contractors in oil and gas refinery development.



Chemical and Petrochemical Plants

The energy industry is directed towards converting crude oil to high-value petrochemical products. In line with the global trend of development of petrochemicals, ODCC is actively involved in studying, designing and developing petrochemical plants.



Social Responsibilities

As a leading company involved in the oil and gas sector, ODCC has taken into special consideration its social responsibilities while carrying out its professional mission in the industrial sector. To that effect, ODCC has laid emphasis on sustainable development, social welfare and environmental protection.

- Sustainable Development and Protection of Local Communities: by contributing to the development of infrastructure in the surrounding areas of projects, including building a 6-classroom and a 12-classroom school in Isfahan;

- Environmental Protection: by making efforts to reduce pollution, manage industrial wastes and implementing renovation projects and restoring destructed natural environments in Shiraz and Abadan;

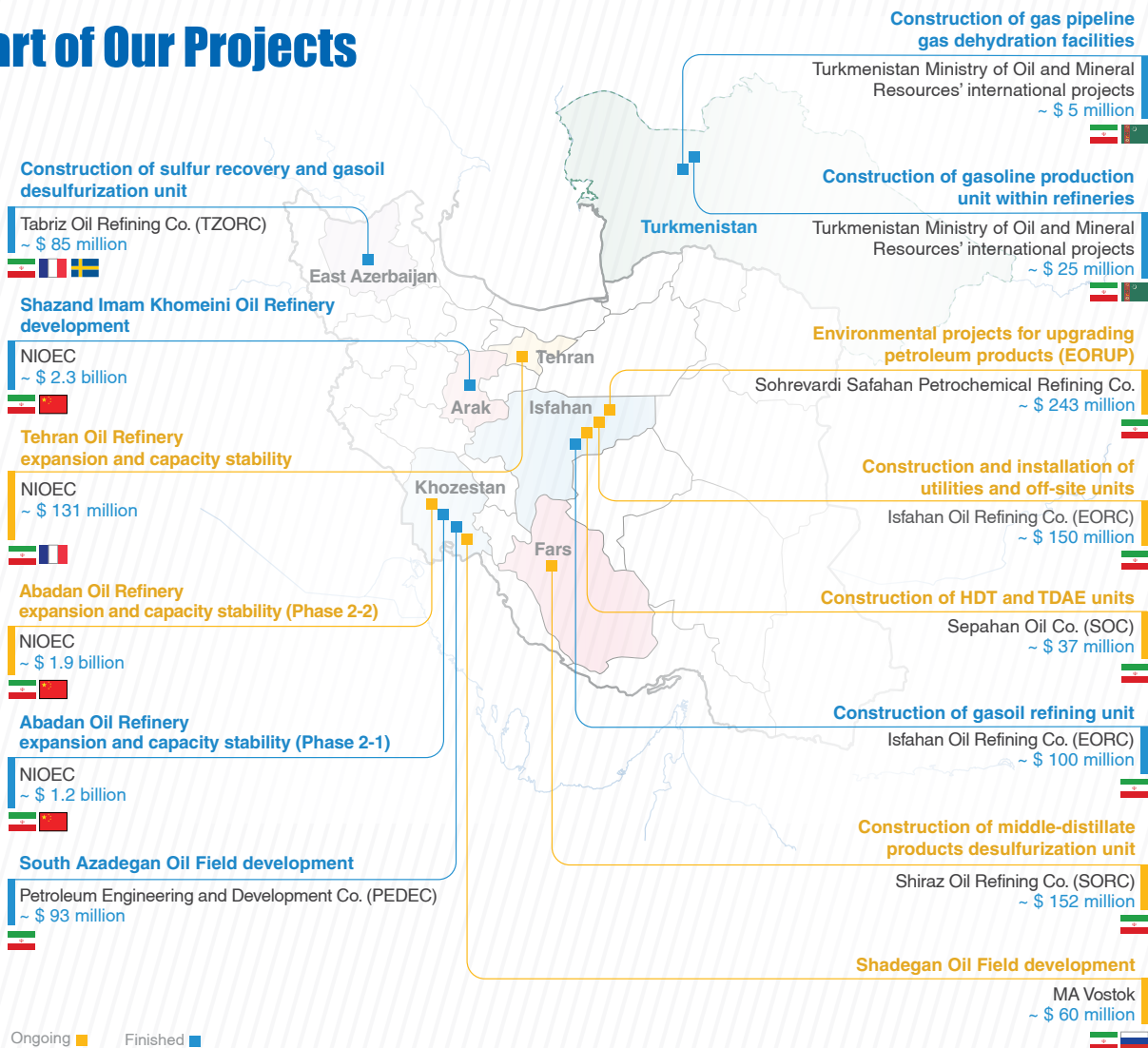
- Safety and Health: by accepting to pay for repair work at Az-Zahra Hospital in Isfahan and granting service and health packages to staff and project service workers;

- Social Assistance and Humanitarian Measures: by fund-raising to secure the release of prisoners convicted on involuntary crimes in Isfahan, supporting vulnerable groups and aiding charity organizations in Isfahan, Shiraz and Abadan.

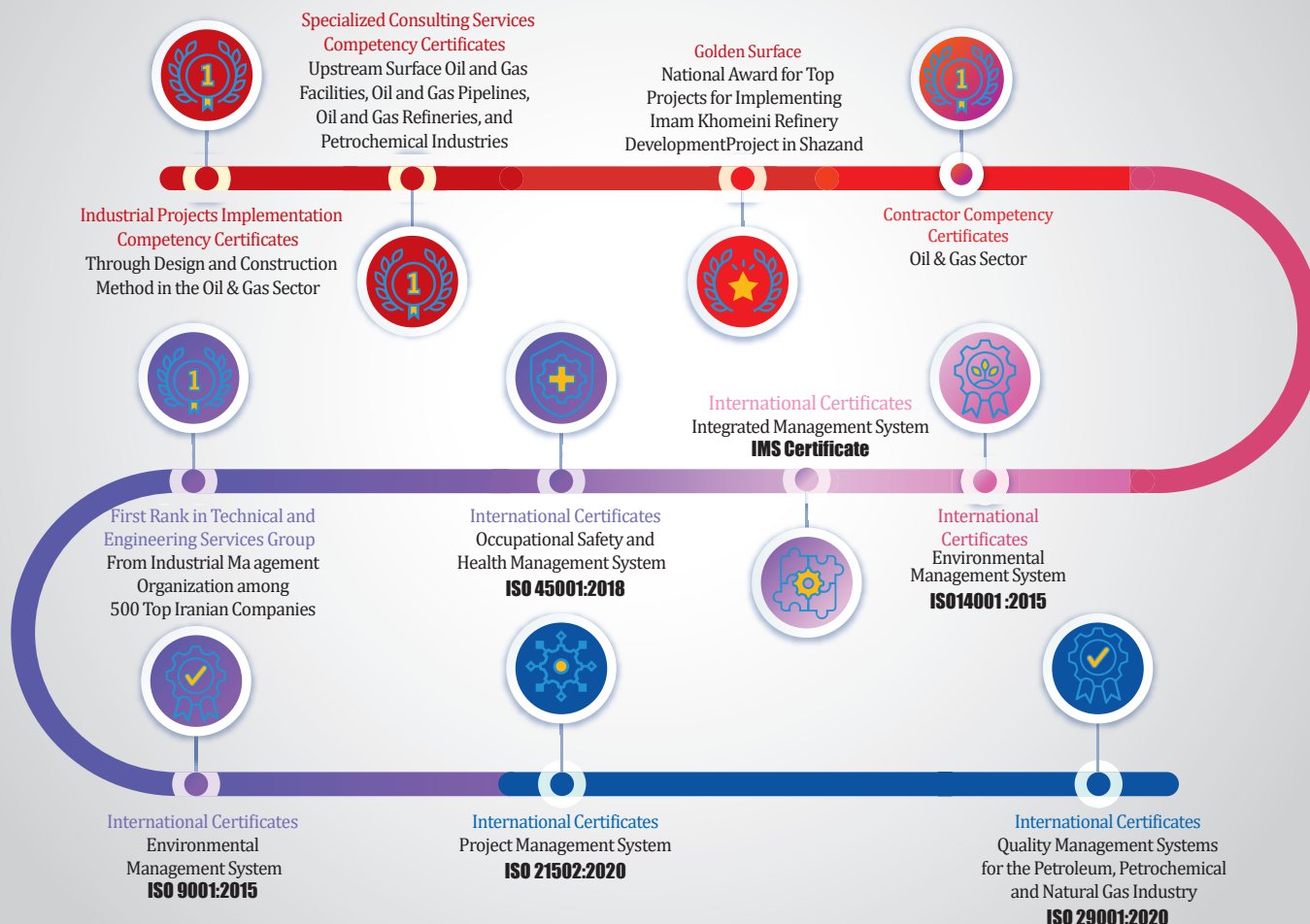




Part of Our Projects



Certificates and Awards



Projects under Way

No.	Project Title	Client	Type of Contract	Site
1	Phase 2.2, Abadan Oil Refinery expansion and capacity stability	NIOEC	EPCC	Abadan
2	Isfahan oil refinery petroleum products upgrade environmental projects (EORUP)	Sohrevardi Safahan Petrochemical Refining Co.	EPCM	Isfahan
3	Sepahan Oil Co. HDT and TDAE units construction	SOC	EPCC	Isfahan
4	Building middle-distillate products desulfurization unit at Shiraz oil refinery	SORC	EPCC	Shiraz
5	Utilities and off-site units construction and installation at Isfahan oil refinery	EORC	C	Isfahan
6	Heavy naphtha refining, CCR, benzene reduction and deethanization units management services at Tehran oil refinery	Tehran Oil Refining Co.	MC	Tehran
7	Wellhead installations and line pipes in northern district of South Azadegan oil field	PEDEC	EPC	Ahvaz
8	Shadegan oil field development	MA Vostok	EPCC	Shadegan
9	Fuel supply chain realtime monitoring and smart management	NIOEC	GC	Tehran

Completed Projects

No.	Project Title	Client	Type of Contract	Site
1	Phase 2.1, Abadan oil refinery expansion and capacity stability	NIOEC	EPCC	Abadan
2	Gasoil refining construction and installation	EORC	C	Isfahan
3	Imam Khomeini refinery development	NIOEC	EPCC	Arak
4	Tehran oil refinery products quality improvement	NIOEC	EPCC	Tehran
5	Tabriz oil refinery gasoil desulfurization unit	TZORC	EPCC	Tabriz
6	Construction and installation at SP20 and SP21 refineries	NIOEC	C	Assaluyeh
7	Construction and installation at Persian Gulf Star Gas Condensate Refinery; Units 17&05, 58&08 and 59&09	FEFCO	C	Bandar Abbas
8	Tabriz oil refinery sulfur recovery unit	TZORC	EPC	Tabriz
9	Sarvestan / Saadatabad oil fields development (Fars Province)	ICOFC	EPC	Sarvestan, Shiraz
10	Building 2 desalting units in Parsi field, Aghajari	NISOC	EPC	Aghajari, Ahvaz
11	Debottlenecking for increasing Bandar Abbas oil refinery run increase	NIOEC	EPC	Bandar Abbas
12	Gas trunkline installation in Nourabad, Fars Province	IGEDC	C	Nourabad Mamasani
13	Building new oil depot in Ardebil	NIOEC	EPC	Ardebil
14	BOD and FEED comprehensive environmental studies in Sohrab oil field	Dana Energy	E	Ahvaz
15	Building two sulfur forming units in Ilam gas refinery	NIGC	EPC	Ilam
16	Basic design and preliminary engineering of Persian Gulf Star Gas Condensate Refinery	NIOEC	E	Bandar Abbas
17	Building Nezamieh petroleum products pumping station, Ahvaz	NIOEC	EPC	Ahvaz
18	Expansion of Fajr Jam gas refinery power plant	NIGC	EPC	Kangan, Bushehr
19	Building processed oil and gas transmission line (102km) from Sarvestan/ Saadatabad oil fields to Shiraz oil refinery	ICOFC	EPC	Sarvestan, Shiraz
20	Building Korpaje gas dehydration facility in Turkmenistan	Turkmenistan Ministry of Oil and Mineral Resources	EPC	Turkmenistan
21	Building gasoline production unit at Turkmenbashi oil refinery, Turkmenistan	Turkmenistan Ministry of Oil and Mineral Resources	EPC	Turkmenistan

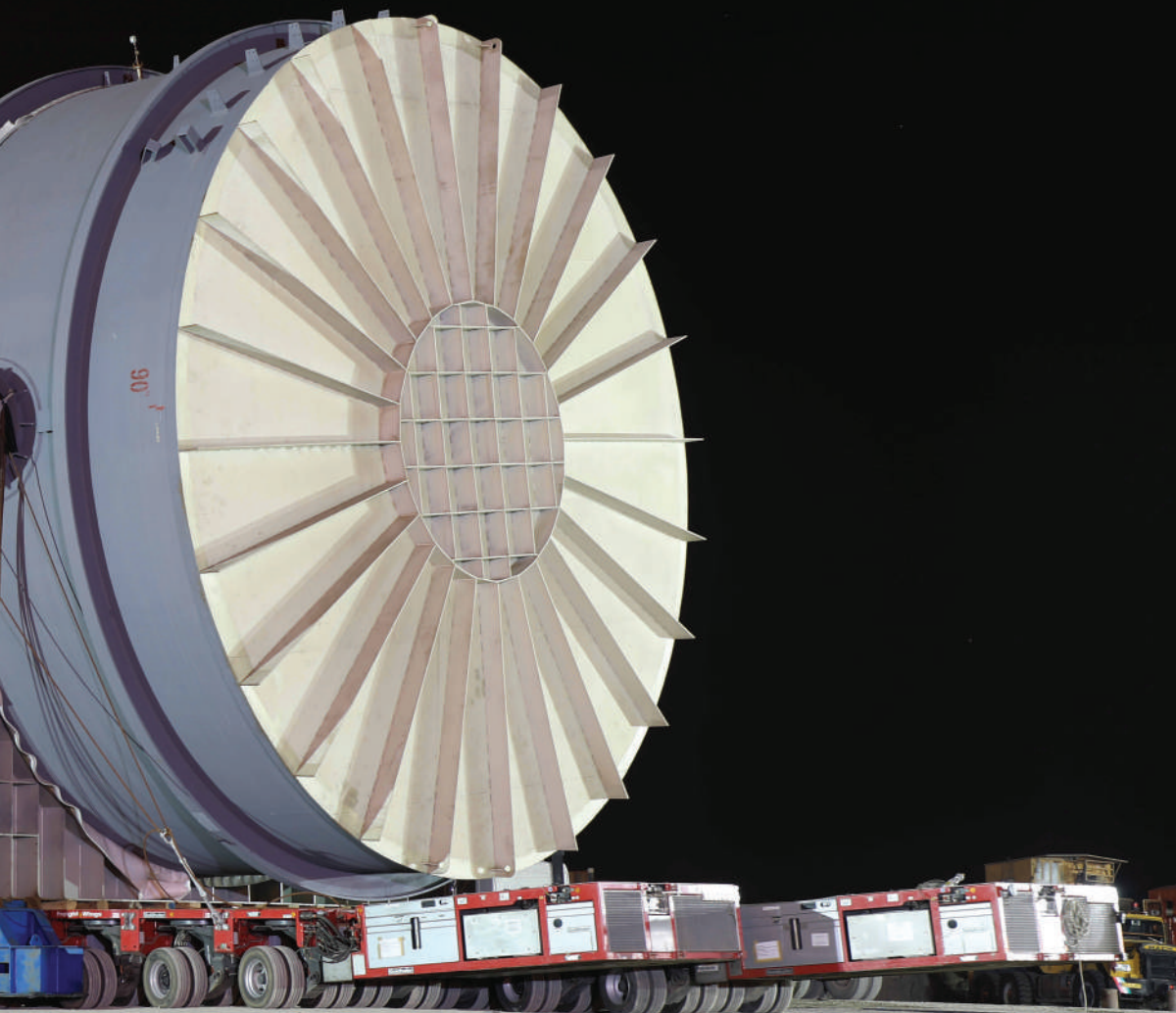
Projects Under Way

Abadan Oil Refinery expansion and capacity stability, Phase 2.2

Associated Activities

Detailed engineering services, commodity and equipment supply, construction and installation, pre-commissioning and partnership in commissioning new units with the crude oil refining capacity of 210,000 b/d for the purpose of stabilizing the Abadan refinery run at 360,000 b/d, including licensed hydrocracking, naphtha refining, kerosene refining, gasoil refining, gasoline manufacturing, isomerization, hydrogen production and sulfur recovery units and non-licensed atmospheric and vacuum distillation, LPG production, sour water refining, and amine units as well as storage tanks and auxiliary installations.





Objective:

- ❖ Decreasing environmental pollutants by upgrading the quality of products in line with international standards
- ❖ Supply of over 45,000 b/d of Euro-5 kerosene
- ❖ Supply of over 90,000 b/d of Euro-5 gasoil
- ❖ Supply of over 65,000 b/d of Euro-5 gasoline
- ❖ Boosting refinery storage capacity by building new storage tanks

Final Main Products:

- ❖ Supply of over 10 ml/d of Euro-5 gasoline
- ❖ Supply of over 14 ml/d of Euro-5 gasoil
- ❖ Supply of 8 ml/d of kerosene
- ❖ Supply of over 2.5 ml/d of LPG
- ❖ Supply of 460 tonnes/day of solid sulfur

Client: NIOEC

Environmental projects for upgrading petroleum products (EORUP)

This project comprises the following units:

HPU, PRU, RFCC, LPG MERO, PRIME G.

Process Description and Objectives

The RFCC unit has been designed to transform the BPSD 91300 feedstock comprising HVGO from the CDU column, LVGO from the VDU column and the residue of the RHU units. The main purpose of this unit is to maximize gasoline supply. The propylene produced at PRU (764) is separated from other light products to be delivered as a high-value product to storage tanks.

Meantime, the HPU unit is envisaged with a capacity of producing 105,000 normal cubic meters per hour of hydrogen, the main purpose of which is to supply hydrogen to other units, including the desulfurization unit.

✚ The LPG-Merox (84) unit is designed with a capacity of 24,000 b/d for the purpose of separating COS from LPG in the RFCC unit.

✚ The RFCC Naphtha Treating (Prime G) unit (82) has been designed to treat 51,481 b/d of naphtha produced at the RFCC unit.

RFCC Specifications

Unit No.: 761, 762, 763 and 764

Unit Capacity: 91,300 b/d

Technical Knowhow Owner: AXENS

Feedstock: distillation columns bottom and **heavy gasoil**

Products:

- 1.LPG + Propylene (24000 BPSD)
- 2.Gasoline (51000 BPSD)
- 3.Diesel (12000 BPSD)
- 4.Slurry (Carbon Black) (26000 BPSD)
- 5.Coke (341000 TPA)





HPU Specifications

Unit No.: 77

Unit Capacity: 105,000 Nm³/h

Technical Knowhow Owner: Linde

Feedstock: methane

Products: hydrogen

LPG-Morex Specifications

Unit No.: 84

Unit Capacity: 24,000 b/d

Technical Knowhow Owner: UOP

Feedstock: LPG + Propylene from RFCC

Products: LPG + Treated Propylene, (235000 TPA Propylene & 544000 TPA C3 and C4)

Prime-G Specifications

Unit No.: 82

Unit Capacity: 51,000 b/d

Technical Knowhow Owner:

AXENS

Feedstock: NAPHTHA

Products: Refined NAPHTHA

PRU Specifications

Unit No.: 764

Unit Capacity: 26,000 b/d

Technical Knowhow Owner:

AXENS

Feedstock: LPT from LPG-Morex Unit

Products: Propylene, propane and butane

Duration of Contract: 42 months

Client: Sohrevardi Safahan Petrochemical Refining Co.

Sepahan Oil Co. HDT and TDAE Units

Associated Activities

- ✚ Design and engineering services, technical verification of detailed design and engineering, engineering and technical services of purchase for TDAE unit
- ✚ Purchase and procurement of materials, equipment and commodities required for TDAE and HDT units
- ✚ Allotment of land, equipment of plant, construction and installation, pre-commissioning and commissioning of TDAE and HDT units

Objective:

- ✚ TDAE: In the process of production of base oil from the distillation tower vacuum fractions or deasphalted petroleum fractions, the distillate aromatic extract (DAE) is produced with a high percentage of aromatics that include polycyclic aromatics. The TDAE unit would allow for separating aromatics from DAE to allow for the production of oil with 3 %wt from PDAs.
- ✚ HDT: Purchase, implementation and commissioning

Duration of contract:

- ✚ TDEA: 33 months
 - ✚ HDT: 42 months
- Client:** Sepahan Oil Co. (soc)





Shiraz Oil Refinery Middle-Distillate Products Desulfurization Unit

Associated Activities:

Basic engineering services, detailed engineering services, commodity and equipment supply, construction and installation, pre-commissioning and commissioning

Objective:

The environmental policies of the Shiraz Oil Refining Company (SORC) for the purpose of improving the quality of middle-distillate products resulted in the implementation of gasoil desulfurization from 7,000 ppm to lower than 10 ppm (Euro-5) with an output of 26,000 b/d. This project would prevent the release of 20 tonnes a day of sulfur into nature.

❶ Distillate Hydro-Treating Unit (DHT)

At this unit, gasoil is refined to cut its sulfur content from 7,000 ppm to lower than 10 ppm of Euro-5 diesel.

❷ Utility Unit

At this unit, necessary nitrogen and air is produced before being distributed along with the vapor needed by processing units.

❸ Sulfur Recovery Complex (SRC)

This unit comprises SRU, AMN and SWS units. The water and sour gas coming from DHT is converted to liquid sulfur, gas and H₂S-free water.





🔴 Industrial Building

At this unit lies the electricity substation which is responsible for power distribution as well as the control building.

🔴 HPU

This unit is responsible for producing hydrogen required by DHT.

🔴 Flare Unit

At this unit, extra gas from gasoil refining is burnt.

🔴 Tankage Unit

This unit with a total capacity of 150,000 barrels is responsible for storing feedstock for DHT.

🔴 Cooling Water System

At this unit, a processing water cooling tower cell is added to the refinery to provide necessary cooling water to processing units.

🔴 Rood & Interconnecting Unit Rack pipe and piping installation for the purpose of communication between units

Duration of Contract: 36 Months

Client: Shiraz Oil Refining Co. (SORC)

Isfahan Oil Refinery Utilities and Off-site Units Construction and Installation

Associated Activities

Construction and installation, pre-commissioning and participation in the commissioning of utilities and off-site units of gasoil refining project

Objective

Civil operations, metal structure installation, equipment installation, subsurface and surface pipe-laying, power supply and telecommunications, cathodic protection, EHT, instrumentation, fire extinguishing, HVAC installation, secondary civil operations, painting, fireproofing, pre-commissioning and participation in the commissioning of utilities, off-site units and connection to EORC's gas refining project.

Duration of Contract: 11 months

Client: Isfahan Oil Refining Co.
(EORC)





Wellhead installations and line pipes in northern district of South Azadegan oil field

Associated Activities

Design and engineering, commodity and equipment supply, construction and installation and commissioning of wellhead equipment and associated line pipes north of the South Azadegan oil field

Objective

- Commissioning the South Azadegan oil field and delivering crude oil to the separator located north of the South Azadegan oil field

- The wells involved in this project include 59 wells within the framework of 28 wellpads with a production capacity of 129,000 barrels (totally 360,000 b/d at South Azadegan oil field)

Duration of Contract: 20 months

Client: Petroleum Engineering and Development Company (PEDEC)





Heavy naphtha refining, CCR, benzene reduction and deethanization units management services at Tehran oil refinery

Associated Activities

Engineering, commodity and equipment supply, construction and installation, participation in commissioning

Objective

- ✚ Production of 2 ml/d of Euro-5 gasoline
- ✚ Increasing gasoline production capacity of Tehran oil refinery
- ✚ Improving the quality of current gasoline production at the refinery

Duration of Contract: 48 months

Client: Tehran Oil Refining Company (TORC)





Petroleum Products Supply Chain Real-Time Monitoring and Smart

Associated Activities

- ✚ Basic design, overall and site supervision on metering systems and fiber optic network, LDS and DAS systems
- ✚ Equipping import/export/transaction jetties with precise metering systems
- ✚ Equipping entry and exit points of oil refining companies with precise metering system
- ✚ Installing mass metering systems at domestic transaction points of NIORDC
- ✚ Installing precise metering systems on pipelines leading to power plants
- ✚ Completing loading arms meters of oil depots' exit points
- ✚ Upgrading refineries' crude oil feedstock existing metering systems
- ✚ Completing the fiber optic network of IOPTC and implementing LDS and DAS systems
- ✚ Establishing mass flowmeter calibration center
- ✚ Installing LG/TG lever metering systems on balance

tanks of IOPTC

- ✚ Completing level meters / panel of sending and transmission of fuel stations storage tanks data to NIOPDC's monitoring center
- ✚ Completing LG/TG level metering project on NIOPDC storage tanks
- ✚ Establishing geofencing system and equipping road transport fleet with loadcells
- ✚ NIOPDC monitoring center development
- ✚ IOPTC monitoring center development
- ✚ NIORDC monitoring center development

Objective

Implementing real-time monitoring and smart management of national petroleum products supply chain for the purpose of preventing waste, leakage and smuggling of fuel

Project Manager: NIOEC

Contractor: ODCC, Irancell, and MAPNA Oil & Gas Development Co.

Contract Type: Production Sharing Agreement (PSA); GC to be paid on EPC Make-up basis.



Shadegan Oil Field Development

Associated Activities

Engineering, supply, construction and installation of pipeline from the Maroun 3 central processing unit to the Maroun 4 central processing unit and a pipeline from the Shadegan cluster to the Maroun 3 central processing unit and line pipes from oilwells, water disposal and development of Shadegan cluster.

Objective:

🚧 Shadegan oil field development

Duration of Contract: 28 months

Client: MA Vostok (Russia)

Completed Projects

With a brilliant background in operating oil and gas industry projects, ODCC has completed numerous projects ranging from upstream to downstream oil sectors. These projects have been implemented in compliance with the highest technical and environmental standards and cutting-edge technologies relying on international standards, aided by smart instruments and technical knowhow of Iranian specialists. That indicates the commitment and responsibility of ODCC in operating projects from conducting feasibility studies to design, commodity and equipment supply, construction, installation and pre-commissioning.







Phase 2.1 of Abadan Oil Refinery Expansion and Capacity Stability

Associated Activities

Detailed engineering services, commodity and equipment supply, construction and installation, pre-commissioning and partnership in commissioning new units with the crude oil refining capacity of 210,000 b/d for the purpose of stabilizing the Abadan refinery run at 360,000 b/d, including licensed hydrocracking, naphtha refining, kerosene refining, gasoil refining, gasoline manufacturing, isomerization, hydrogen production and sulfur recovery units and non-licensed atmospheric and vacuum distillation, LPG production, sour water refining, and amine units as well as storage tanks and auxiliary installations.

Objective:

- Stabilizing the refinery run at 360,000 b/d of crude oil
- Reducing fuel oil production by improving technology, renovation and phasing out decrepit installations
- Distillation of 210,000 b/d pf crude oil in atmospheric conditions by designing, building and operating the largest distillation unit in the Middle East
- Vacuum distillation of the remaining 100,000 b/d from the atmospheric column
- Designing, building and operating the largest hydrocracking unit in the Middle East with 42,000 b/d capacity to supply high-value products like diesel, naphtha, kerosene and LPG

Duration of Contract: 48 Months

Client: NIOEC

Isfahan Oil Refinery Gasoil Refining Construction and Installation

Associated Activities
 Construction and installation, pre-commissioning and partnership in the commissioning of civil operations, metal structure and equipment installation, surface and subsurface pipe-laying, electricity and telecommunications, cathodic protection, instrumentation, fire alarm and extinguishing

Objective

-  Refining 100,000 b/d of gasoil and upgrading product quality to Euro-5 grade
-  Removing 300 tonnes a day of sulfur from gasoil

Duration of Contract: 30 Months

Client: Isfahan Oil Refining Company (EORC)





Shazand Imam Khomeini Oil Refinery Expansion

Associated Activities

Design and engineering, commodity and equipment supply, construction and installation, pre-commissioning and partnership in commissioning

Objective

- ✖ Increasing the refinery's rated capacity from 170,000 b/d to 250,000 b/d
- ✖ Reducing fuel oil production and converting it to high-value products
- ✖ Supplying 3 ml/d of premium gasoline (octane = 100)
- ✖ Increasing gasoline production capacity from 4.6 ml/d to 16 ml/d
- ✖ Adapting refined petroleum products to Euro-5 standards
- ✖ Compliance with environmental obligations

Duration of Contract: 45 months

Client: NIOEC

Tehran Oil Refinery Products Quality Improvement

Associated Activities

Detailed engineering services, commodity and equipment supply, construction and installation, pre-commissioning and partnership in commissioning

Objective

- Improving the quality of petroleum products at the Tehran oil refinery through building new units and reforming existing ones
 - Refining 53,000 b/d of gasoil and upgrading its quality to Euro-5 grade
 - Refining 31,000 b/d of kerosene and upgrading its quality to Euro-4 grade
 - Removing 110 tonnes per day of sulfur from gasoil
- Duration of Contract:** 32 months
Client: NIOEC



Tabriz Oil Refinery Gasoil Desulfurization Unit

Associated Activities

Detailed engineering services, commodity and equipment supply, construction and installation, pre-commissioning and partnership in commissioning

Objective:

- ✚ Refining 30,000 b/d of gasoil and upgrading its quality to Euro-5 grade
- ✚ Removing 53 tonnes per day of sulfur from refined products
- ✚ Building a new sulfur recovery unit adjacent to older one with production capacity of 110 tonnes a day

Duration of Contract: 30 months

Client: Tabriz Oil Refinery CO. (TZORC)





Construction and Installation at SP20, SP21

Associated Activities

Installation, pre-commissioning and partnership in the commissioning of A and F zones of Phases 20 and 21 of South Pars gas field, including:

- Water and wastewater treatment
- Flare, chambers and burn pit
- Cooling and firefighting water pumping station
- Depletion chambers
- Seawater intake and associated compressor station
- Vapor generation, instrument air and nitrogen service
- Auxiliary services

Objective:

Recovering 50 mcm/d of gas through development of South Pars gas field

Duration of Contract: 24 months

Client: OIEC

Construction and installation at Persian Gulf Star Gas Condensate Refinery; Units 17&05, 58&08 and 59&09

Associated Activities

Basic design, partnership in construction and installation, pre-commissioning of amine units, sour water refining and sulfur recovery and solidification of Units 17&05, 58&08 and 59&09

Objective

- Supply of 3 ml/d of LPG
- Supply of 13.2 ml/d of gasoil
- Supply of 3.3 ml/d of kerosene and jet fuel
- Supply of 37 ml/d of regular Euro-5 gasoline

Duration of Contract: 14 months

Client: Faradast Energy Falat CO. (FEFCO)





Tabriz Oil Refinery SRU Construction

Associated Activities

Basic and detailed engineering services, commodity and equipment supply, construction and installation, pre-commissioning and partnership in commissioning and training

Objective

The new SRU is to be built adjacently to the older one with a capacity of 110 tonnes a day of sulfur with a 94% yield, which would increase to 97.7% after the TGT unit would be added.

Duration of Contract: 21 months

Client: Tabriz Oil Refinery CO. (TZORC)



Sarvestan / Saadatabad Oil Fields Development

Associated Activities

- ✖ Building wellhead installations for 12 wells
- ✖ Building oil processing facilities
- ✖ Capturing and compressing associated gas and injection into oil wells at the rate of 20 mcf/d

Objective

Supply of 27,000 b/d of crude oil and delivery to Shiraz oil refinery

Duration of Contract: 30 months

Client: ICOFC

Two Desalters for Parsi Field

Associated Activities

Design and engineering,
commodity and equipment supply,
construction and installation

Objective

- Reparation of headers and boosting their capacity and installing two-phase separators (2,3) in the Parsi Darreh production unit and providing related facilities including pumping station and chemical injection installations and laying a 24.5km pipeline to carry salty crude oil to the Karanj production unit separately
 - Reparation of headers and boosting their capacity in Parsi Cluster wells after Phase 1 separation
 - Reparation of headers and determining two-phase separators for salty crude oil in the Karanj production unit
 - Building two desalting units with capacity of 55,000 b/d each
- Duration of Contract:** 30 months
Client: NISOC





Debottlenecking to Increase Bandar Abbas Oil Refinery Capacity

Associated Activities

Revising basic design, detailed engineering services, commodity and equipment supply, construction and installation

Objective

Increasing refinery run from 232,000 b/d to 320,000 b/d

Duration of Contract: 24 months

Client: NIOEC

Gas Trunkline in Nourabad, Fars Province

Associated Activities

Pipe-laying and commissioning of gas pipeline with 56-inch diameter

Objective

Moving the second gas trunkline out of the city of Nourabad due to safety concerns and its connection to Iran Gas Trunkline 3 (IGAT-3)

Duration of Contract: 12 months

Client: IGEDC



Ardebil New Oil Depot Construction

Associated Activities

Design and engineering, commodity and equipment supply, construction and installation, commissioning of a new oil depot in Ardebil including 12 storage tanks with capacity of 115,000 cubic meters to store petroleum products like kerosene, gasoline and gasoil

Objective

Increasing fuel materials storage capacity for fair distribution across the province and nearby cities

Duration of Contract: 24 months

Client: NIOEC





Comprehensive Environmental Studies; BOD and FEED in Sohrab Oil Field

Objective

- Carrying out conceptual design, obtaining conformation and document development
- Mapping the site and pipelines and document development
- NTS operations (assessing field for unexploded landmines and ammunitions) and reporting
- Conducting hydrology studies, water supply feasibility studies, borrow pits, geotechnical operations and development of related documents
- Conducting integrated civil defense studies by engineering processing and development of related documents
- Conducting integrated environmental impact assessment studies by engineering process and risk quantitative assessment studies and development of related documents
- Conducting value engineering studies and development of documents
- Obtaining environmental and civil defense permits from the Department of Environment and Civil Defense Agency
- Integrated field development design and engineering and development of documents
- Preparation of documents for EPC tender bids

Duration of Contract: 11 months

Client: Dana Energy(DEC)

Building Two Sulfur Forming Units at Ilam Gas Refinery

Associated Activities

Design and engineering, commodity and equipment supply, construction and installation, operation and partnership in commissioning

Objective

Converting liquefied sulfur to sulfur pastil in two states of pure sulfur and bentonite sulfur for domestic and overseas consumption at 600 tonnes/day capacity

Duration of Contract: 18 months

Client: Ilam Gas Refinery (NIGC)





Basic Design and Engineering of Persian Gulf Star Gas Condensate Refinery

Associated Activities

Basic design of 120,000 b/d in three phases of “preparation”, “presentation of first engineering design” and “packaging for refinery” in the following units:

- Gas condensate distillation unit
- CCR unit for increasing octane and recovering quality gasoline
- ISOM unit
- LPG recovery unit
- Amine reforming unit
- Water, power and auxiliary installations
- Seawater consumption
- SRU

Basic design, partnership in construction and installation, pre-commissioning of amine units, sour water refining and sulfur recovery and solidification of Units 17&05, 58&08 and 59&09

Objective

- Supply of 37 ml/d of Euro-5 regular and premium gasoline
- Supply of 3 ml/d of LPG
- Supply of 3.3 ml/d of kerosene and jet fuel
- Supply of 13.2 ml/d of gasoil

Duration of Contract: 10 months

Client: NIOEC



Nezamieh Petroleum Products Pumping Station Building, Ahvaz

Associated Activities

By installing 10-inch and 16-inch pumps on two 10-inch and 16-inch pipelines, they receive 70,000 b/d and 120,000 b/d of petroleum products including gasoline, kerosene and gasoil from the Abadan entry pipeline to be pumped to the following pumping stations and finally the Rey pumping station.

Objective

Due to safety concerns and decrepit installations of the Khorram Kushk pumping station currently located inside the city of Ahvaz, a new pumping station in the Nezamieh area was built on the Abadan-Rey pipeline and 7km on the Andimeshk Road.

Duration of Contract: 24 months
Client: NIOEC

Fajr Jam Refinery Power Plant Development

Associated Activities

Detailed engineering services, commodity and equipment supply, construction and installation, pre-commissioning and partnership in the commissioning of power plant

Objective

Increasing the refinery's power plant unit capacity by 85MW by installing three gas-fueled power generators
Duration of Contract: 24 months

Client: National Iranian Gas Co. (NIGC)



Building a 102km processed oil and gas pipeline from Sarvestan / Saadatabad oil fields to Shiraz oil refinery

Associated Activities

Pipe-laying and commissioning of oil pipelines

Objective

Carrying processed oil to Shiraz refinery via 102km 8-inch pipeline

Duration of Contract: 30 months

Client: ICOFC





Building Korpeje Gas Dehydration Facility in Turkmenistan

Associated Activities

Turkmenistan's Ministry of Oil and Mineral Resources has awarded this contract to ODCC for the design and engineering, supply of materials and equipment, and construction and installation operations. The Korpeje gas processing facility in Turkmenistan has been completed by ODCC with a capacity of 81 bcm a year for the purpose of separating and processing gas liquids and regulating the gas dew point for delivery to Iran. It was delivered to the client after commissioning, stewardship and training of manpower.

Date of Delivery: 1996

Client: Turkmenistan Ministry of Oil and Mineral Resources



Turkmenbashi Refinery Gasoline Production Unit

Associated Activities

Design, engineering, materials supply, construction and installation and commissioning of the gasoline production of the refinery

Objective

- Gas condensation unit with capacity of 172.6 tonnes per hour
- Gas sweetening unit with amine with capacity of 11.2 tonnes per hour
- LPG refining unit with Merox with capacity of 11,800 b/d
- Gasoline sweetening unit with Merox with capacity of 23,300 b/d

Date of Delivery: Oct. 2001

Client: Turkmenistan Ministry of Oil and Mineral Resources