


The ENKA logo is displayed in a bold, dark blue, sans-serif font. The letters are closely spaced and have a slight shadow effect, giving it a three-dimensional appearance. It is positioned in the upper left corner of the image, partially overlapping the industrial background.

ENKA

Engineering for a Better Future

The background image shows a large-scale industrial facility, likely a refinery or chemical plant. It features a complex network of white pipes, metal scaffolding, and various pieces of machinery. The pipes are supported by a dense grid of steel beams. In the center, there's a paved walkway with yellow safety lines. The overall scene is one of a busy, well-maintained industrial environment under a clear sky.

PIPELINE, PUMP &
COMPRESSOR STATIONS

FEATURED PROJECTS

Project	Business Line	Location	Commence Date	Completion Date
West Qurna I (WQ1) Produced Water 2 Facility	Oil Gas, Petrochemicals	Iraq	2019	2023
South Caucasus Pipeline Expansion (SCPX) Early Works and Facilities Project	Oil Gas, Petrochemicals	Georgia	2014	2019
Tengiz Oil Fields Development Projects	Oil Gas, Petrochemicals	Kazakhstan	1993	2024
North Rumaila Crude Oil Turbo Pump Station (PS-1)	Oil Gas, Petrochemicals	Iraq	2013	2016
TANAP - Trans Anatolian Natural Gas Pipeline Project - Engineering Services	Oil Gas, Petrochemicals	Turkey	2013	2014
Khabarovsk Refinery Hydroprocessing Project	Oil Gas, Petrochemicals	Russian Federation	2012	2014
Majnoon Oil Field- MEI Works of CPF	Oil Gas, Petrochemicals	Iraq	2011	2013
Zawia Desalination Plant Project	Infrastructure	Libya	2006	2012
Zawia Water Pipeline	Infrastructure	Libya	2007	2011
Zuara Desalination Plant	Infrastructure	Libya	2007	2010
Derna Desalination Plant	Infrastructure	Libya	2006	2010
Soussa Desalination Plant	Infrastructure	Libya	2006	2010
Sakhalin II & I Onshore Processing Facilities	Oil Gas, Petrochemicals	Russian Federation	2003	2009
Oued Athmania Dam	Infrastructure	Algeria	2002	2007
Former U.S.S.R. – Turkey Natural Gas Pipeline	Oil Gas, Petrochemicals	Turkey	1986	1988
Al Rass Water Supply and Treatment Systems	Infrastructure	Saudi Arabia	1985	1988
Istanbul Sewerage Project (1st Stage) Mechanical and Electrical Works for Yenikapı Pre-treatment Plant Pumping Stations	Infrastructure	Turkey	1984	1988
Al Khafji Phase 2 Desalination Plant	Infrastructure	Saudi Arabia	1982	1986
Diyarbakır Province Drinking Water Supply System	Infrastructure	Turkey	1982	1986
Iraq-Turkey Crude Oil Pipeline Expansion Project (Turkish Part)	Oil Gas, Petrochemicals	Turkey	1983	1984
Wasia Water Treatment Plant (Riyadh Additional Water Supply Contract No. 3 Treatment Works)	Infrastructure	Saudi Arabia	1979	1982



WEST QURNA I PRODUCED WATER 2 (PW2) FACILITY

PROJECT LOCATION

Basra - Iraq

CONSTRUCTION PERIOD

December 2019 – April 2023

CLIENT

ExxonMobil Iraq Limited

PROJECT VALUE

US\$ 70 Million

PROJECT DESCRIPTION

ENKA was awarded the contract by ExxonMobil Iraq Limited (EMIL) in December 2019 for the engineering, procurement, construction and commissioning of the new Produced Water 2 Facility (PW2) located within the West Qurna-1 oil field near the city of Basra in Iraq. The PW2 Project is to produce 210,000 barrels of water per day of outlet stream treated produced water in order to meet the forecasted amount of produced water across West Qurna 1 Degassing Stations 6, 7 and 8. The end user of the new facility is the Basra Oil Company (BOC) of Iraq. The project includes the detailed engineering, procurement, construction, and commissioning of three water treatment trains, one produced water tank, one local equipment room, transfer pumps and all associated systems. The treated produced water is to be sent to the Water Injection Storage Tank that feeds the High-Pressure Water Injection Pump System for injection wells.



Merit prize by
**British Safety
Council** in the
**International
Safety Awards**
2018

ENR GLOBAL
Engineering News-Record
BEST PROJECTS
WINNER 2018

SCPX EARLY WORKS AND FACILITIES PROJECT

PROJECT LOCATION

Georgia

CONSTRUCTION PERIOD

February 2014 – October 2019

CLIENT

South Caucasus
Pipeline Company Ltd.

PROJECT VALUE

US\$ 878 Million

PROJECT DESCRIPTION

A joint venture between Bechtel and ENKA was awarded the SCPX Early Works and Facilities contract and responsible for the construction of two Compressor Stations (CSG-1 and CSG-2) and a Pressure Reduction and Metering Station (AREA 81) at three different locations within Georgia, and for all related early civil works and facilities.

The early works stage for Compressor Station 2 (CSG-2) included the construction of a 15 km access road between the existing Millennium Highway and the compressor station.

The Bechtel-ENKA JV's scope of works also included the supply and fabrication of all structural steel and fabrication of all piping including the pipeline connection sections to the South Caucasus Pipeline.



FGP 3GP ME&I INSTALLATION WORKS

PROJECT LOCATION

Tengiz - Kazakhstan

CLIENT

Tengizchevroil (TCO - a Joint Venture between Chevron, ExxonMobil, LukArco and KazMunayGas)

CONSTRUCTION PERIOD

May 2018 – December 2024

CONTRACT TYPE

Lump sum+Unit Rate+ Reimbursable

PROJECT DESCRIPTION

Senimdi Kurylys LLP, an equal joint venture between ENKA and Bechtel, was awarded the contract for the mechanical, electrical and instrumentation installation works for the Third Generation Project (3GP).

The 3GP is part of TCO's Future Growth Project (FGP) which is an integrated project being developed primarily to increase the production capacity of the Tengiz Oil Field by an additional 12 million tons per year (260,000 barrels per day) and its gas production capacity by an additional 27 million m³per day.

The project is being carried out using a modularized construction strategy, with modules constructed both at Kazakh coastal fabrication yards and at other fabrication yards in Europe and the Far East.



TENGIZ CONSTRUCTION SERVICES MASTER CONTRACT (PIPELINE INCLUDED)

PROJECT LOCATION

Tengiz - Kazakhstan

CONSTRUCTION PERIOD

1993 - 2024

CLIENT

Tengizchevroil (TCO - a Joint Venture between Chevron, ExxonMobil, LukArco and KazMunayGas)

PROJECT DESCRIPTION

Contract 1623011	2018-2024	US\$ 67 Million
Contract 1131939	2013-2018	US\$ 117 Million
Contract 1224036	2014-2017	US\$ 46 Million
Contract 1155538	2013-2015	US\$ 75 Million
Contract 844780	2011-2014	US\$ 138 Million
Contract 672887	2009-2011	US\$ 31 Million
Contract OM 202	2001-2009	US\$ 161 Million
Contract OM 133	1993-2001	US\$ 147 Million



CRUDE SHIPMENT CAPACITY PROJECT

PROJECT LOCATION

Tengiz - Kazakhstan

CONSTRUCTION PERIOD

July 2014 – December 2019

CLIENT

Tengizchevroil (TCO - a Joint Venture between Chevron, ExxonMobil, LukArco and KazMunayGas)

PROJECT VALUE

US\$ 440 Million

PROJECT DESCRIPTION

The Crude Shipment Capacity Project, which had commenced in July 2014, encompassed engineering, procurement and construction activities which were required to provide the Tengizchevroil’s existing Crude Tank Farm with additional storage and export capabilities through the addition of new crude oil storage tanks (3 x 50,000 m³ floating roof and 1 x 30,000 m³ fixed roof), switching manifolds and export pumps, along with all their associated piping systems, utilities and control systems.

The project established an optimal crude tank farm and export system, so that the existing and planned volumes of crude could be delivered to the Caspian Pipeline Consortium and Crude Rail Loading without any loss of product quality or interruption in availability.



FGP MULTI WELL PADS CIVIL INSTALLATION PROJECT

PROJECT LOCATION

Tengiz - Kazakhstan

CLIENT

Tengizchevroil (TCO - a Joint Venture between Chevron, ExxonMobil, LukArco and KazMunayGas)

CONSTRUCTION PERIOD

November 2015 – January 2019

PROJECT VALUE

US\$ 104.5 Million

PROJECT DESCRIPTION

Tengizchevroil has been undertaking a large-scale expansion of its existing facilities through the Future Growth Project (FGP) - Wellhead Pressure Management Project. The expansion led to the signing of a new contract covering the construction of new greenfield process plants and the expansion of existing facilities.

The project included the road construction, worksite clearing and grubbing, site preparation, excavation works, installation of grounding lines, construction of wellhead cellars, auger and precast concrete pile installation and cropping, pile testing, construction of pile cap and precast foundations, construction of emergency flare pits, construction of reserve and technical water pits, and HDPE technical water line installation.



SECOND GENERATION PLANT PROJECT

PROJECT LOCATION

Tengiz - Kazakhstan

CONSTRUCTION PERIOD

Dec 2003 – Nov 2008

CLIENT

Tengizchevroil (TCO - a Joint Venture between Chevron, ExxonMobil, LukArco and KazMunayGas)

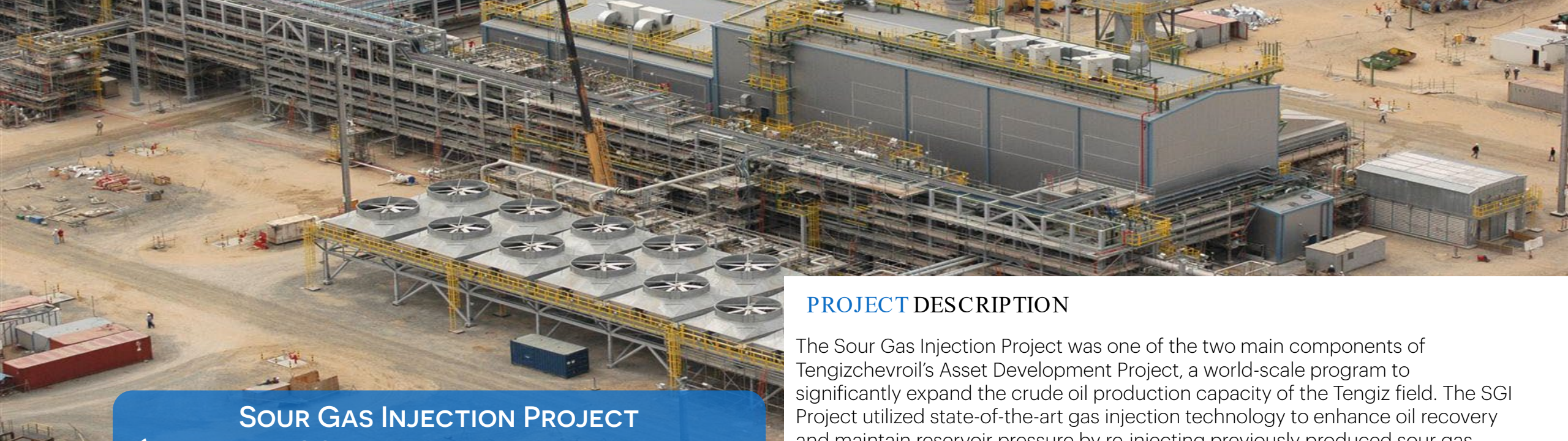
PROJECT VALUE

US\$ 588 Million

PROJECT DESCRIPTION

The main component of the Tengizchevroil's Asset Development Project, the Second Generation Plant Project, one of the largest and most complex projects undertaken in the oil & gas industry, was to expand the crude oil production capacity of the Tengiz field by 12 mtpa and significantly increase the production of associated dry gas, propane, butane and saleable sulfur products. Major new surface facilities included crude stabilization, gas processing and sulfur recovery plants, together with all required utilities including a major power generation and power distribution facility.

ENKA and Bechtel successfully carried out the two main multi-discipline construction components for the Second Generation Plant Project under a single contract in Tengiz, including civil, structural, mechanical, piping fabrication and installation, electrical, instrumentation, insulation, painting and building works.



SOUR GAS INJECTION PROJECT (INCLUDING SGI-II TURNAROUND MECHANICAL WORKS INJECTION BOOSTER COMPRESSOR)

PROJECT LOCATION

Tengiz - Kazakhstan

CLIENT

Tengizchevroil (TCO - a Joint Venture between Chevron, ExxonMobil, LukArco and KazMunayGas)

CONSTRUCTION PERIOD

Nov 2003 – Nov 2006

PROJECT VALUE

US\$ 77 Million

PROJECT DESCRIPTION

The Sour Gas Injection Project was one of the two main components of Tengizchevroil's Asset Development Project, a world-scale program to significantly expand the crude oil production capacity of the Tengiz field. The SGI Project utilized state-of-the-art gas injection technology to enhance oil recovery and maintain reservoir pressure by re-injecting previously produced sour gas back into the reservoir. Major new facilities included a Sour Gas Injection Plant and eight Injection Wells with associated equipment and facilities. The SGI Project was divided into two stages:

Stage 1: Inject sweet gas from the processing facilities into the reservoir to test the operation of the compressor and validate the predicted response of the reservoir. **Stage 2:** Expand the installation, permitting injection of high pressure sour gas from Second Generation Plant. ENKA, together with Bechtel installed the compression and associated piping systems capable of safely and reliably delivering sour gas, into the 7,000 m deep reservoir at 10,000 PSI.

ENKA and Bechtel successfully undertook multi-discipline work under six separate contracts, in accordance with the client's contracting strategy, inclusive of site preparation, piling, civil, structural, mechanical, electrical, instrumentation and building work. They also successfully carried out turnaround work to convert the sweet gas injecting plant into an operational plant working with sour gas.



TENGIZ OIL PROCESSING FACILITIES (PUMPS & COMPRESSORS INCLUDED)

PROJECT LOCATION

Tengiz - Kazakhstan

CONSTRUCTION PERIOD

1996 - 2000

CLIENT

Tengizchevroil (TCO - a Joint Venture between Chevron, ExxonMobil, LukArco and KazMunayGas)

PROJECT DESCRIPTION

Refurbishment of the existing Sulphur Recovery Unit 2.1 & 2.2 and LPG Unit 700/200 in KTL 1 and Crude Oil Tankfarm in the Tengiz Oil Processing Facilities (Program 12)	1999-2000	US\$ 63 Million
Crude Oil Export Project	2000-2000	US\$ 11 Million
KTL 2.3 Additions to Tengiz Oil Processing Facilities (Train 5) OK12660	1997-2000	US\$ 562 Million
Tengiz Chevroil KTL and off Plot Debottlenecking OK10060	1996-1998	US\$ 162 Million



NORTH RUMAILA CRUDE OIL PUMPSTATION (PS1)

PROJECT LOCATION

Basra - Iraq

CONSTRUCTION PERIOD

December 2013 – April 2016

CLIENT

South Oil Company
(SOC) of Ministry of Oil

PROJECT VALUE

US\$ 59 Million

PROJECT DESCRIPTION

ENKA was awarded the EPC contract for the Crude Oil Turbo Pump Station by South Oil Company.

ENKA provided full detailed engineering, procurement, construction, commissioning scope for the new pumping station of two 13 MW gas turbine driven turbo pump units delivering oil 6,100 m³/hr at a pressure of 685 m at the 42" discharge, fuel gas booster compressing and regulation station, compressed air system, crude oil drain tank, waste water tank, low voltage power distribution and control system, a station shelter complete with overhead cranes for maintenance.

The project was designed to a high level of operational intelligence and reliability due to being a critical facility for oil exports from a giant oil field. The plant was designed under strict oil and gas standards and specifications (API) with appropriate design margins and redundancy requirements.



TRANS ANATOLIAN NATURAL GAS PIPELINE PROJECT

PROJECT LOCATION

Turkey

CONSTRUCTION PERIOD

May 2013 – August 2014

CLIENT

TANAP (SOCAR 58% + BOTAŞ/TPAO 30% + BP 12%)

PROJECT VALUE

US\$ 54 Million

PROJECT DESCRIPTION

ENKA executed the Front-End Engineering Design (FEED) services for the portion in Turkish territory for TANAP in collaboration with Bechtel Inc.

Key figures:

- 1,800 km 56" pipeline
- 6 compressor stations
- 2 metering stations
- Dardanelles Strait crossing

ENKA provided a strategic contribution to the project as a local partner of the engineering contractor and played a key role in the completion of FEED for the pipeline project with its local resources.



KHABAROVSK REFINERY HYDROPROCESSING PROJECT

PROJECT LOCATION

Khabarovsk - Russia

CLIENT

Russian Oil Company
Alliance

CONSTRUCTION PERIOD

January 2012 – April 2014

PROJECT VALUE

US\$ 123 Million

PROJECT DESCRIPTION

ENKA was awarded the contract in September 2011, for the electromechanical installation work on the Khabarovsk Refinery, in the Russian Federation.

The Khabarovsk Refinery Hydroprocessing Project consisted of a major expansion of the existing Khabarovsk refinery, to increase plant capacity, improve performance and address both Russian and international requirements for the reduction of the sulphur content of kerosene and diesel products. The work included new combined Hydrocracking, Hydrotreating and Hydrogen Units.

The work also included associated utilities and offsites, together with the associated upgrades and infrastructure modifications and interconnecting pipe racks.

The scope of the project also included all related pre-commissioning activities, such as motor run tests, loop checks, coupling alignment and pump sealing.



MAJNOON OIL FIELD – MEI WORKS OF CPF

PROJECT LOCATION

Basra - Iraq

CLIENT

Shell Iraq Petroleum Development BV

CONSTRUCTION PERIOD

July 2011 – December 2013

PROJECT VALUE

US\$ 247 Million

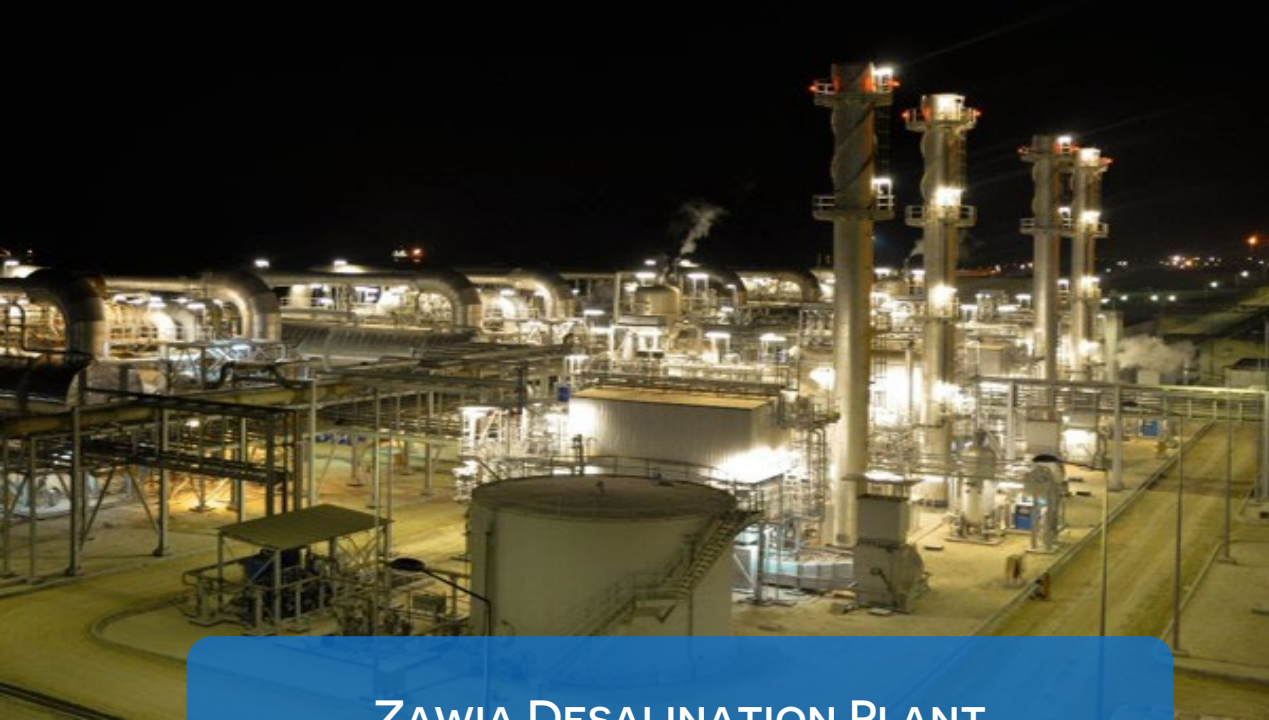
PROJECT DESCRIPTION

Central Processing Facility of Early Production Phase (Greenfield)

- 100,000 bpd capacity with 2 trains
- ENKA scope: Mechanical, Piping, Electrical, Instrumentation works, Pre-commissioning, Commissioning Support

DS-2 Mechanical Works (Brownfield)

ENKA signed another contract with Shell, to take over the rehabilitation brownfield work at existing Degassing Station DS-2, in order to restore current capacity of 65k bpd to the original design inlet of 100k bpd and further debottleneck the process, in order to increase the production capacity to 120k bpd. The project consisted of implementation of all rehabilitation and upgrading work packages.



ZAWIA DESALINATION PLANT

PROJECT LOCATION

Zawia - Libya

CONSTRUCTION PERIOD

July 2006 – February 2012

CLIENT

General Electricity
Company of Libya

ANNUAL CAPACITY

80.000 m³/day

PROJECT DESCRIPTION

The project consisted of engineering, procurement, construction, commissioning and start-up of a 4 x 20.000 m³/day Water Production Plant with three type of fuel, Heavy Fuel Oil (HFO), NG and Light Fuel Oil (LFO), complete with all Balance of Plant (BOP) systems.

Natural gas is planned to be used as main fuel for MED Desalination Plant operation whereas; heavy fuel oil (HFO) are used as back-up fuels.

The project includes a relatively large water distribution network line in 142 km with water storage tanks and pumping stations.



ZAWIA POTABLE WATER PIPELINE

PROJECT LOCATION

Zawia - Libya

CLIENT

General Electricity
Company of Libya

CONSTRUCTION PERIOD

June 2007 – July 2011

PROJECT DESCRIPTION

EPC base project for main potable water distribution network in DI piping in Zawia region with pumping stations and water storage tanks in capacity of 5,000 to 20,000 m³. Turn-key engineering, supply, construction, erection and commissioning of a network (total 140 km DI pipe), 4 pump stations and 14 water reservoirs.

Zawia water network consist of:

- 125,805 meter of pipeline
- DN600 54,636 m
- DN500 22,629 m
- DN450 1,576 m
- DN400 9,256 m
- DN350 35,511 m
- DN200 2,197m



ZUARA DESALINATION PLANT

PROJECT LOCATION

Zuara - Libya

CONSTRUCTION PERIOD

March 2007 – Nov 2010

CLIENT

General Electricity
Company of Libya

ANNUAL CAPACITY

40.000 m³/day

PROJECT DESCRIPTION

The project consisted of engineering, procurement, construction, commissioning and start-up of a 2 x 20.000 m³/day Water Production Plant with two type of fuel, Heavy Fuel Oil (HFO), and Light Fuel Oil (LFO), complete with all Balance of Plant (BOP) systems.

HFO is planned to be used as main fuel for MED Desalination Plant operation whereas; light fuel oil (LFO) are used as back-up fuels.



DERNA DESALINATION PLANT

PROJECT LOCATION

Derna - Libya

CONSTRUCTION PERIOD

Aug 2006 – Aug 2010

CLIENT

General Electricity
Company of Libya

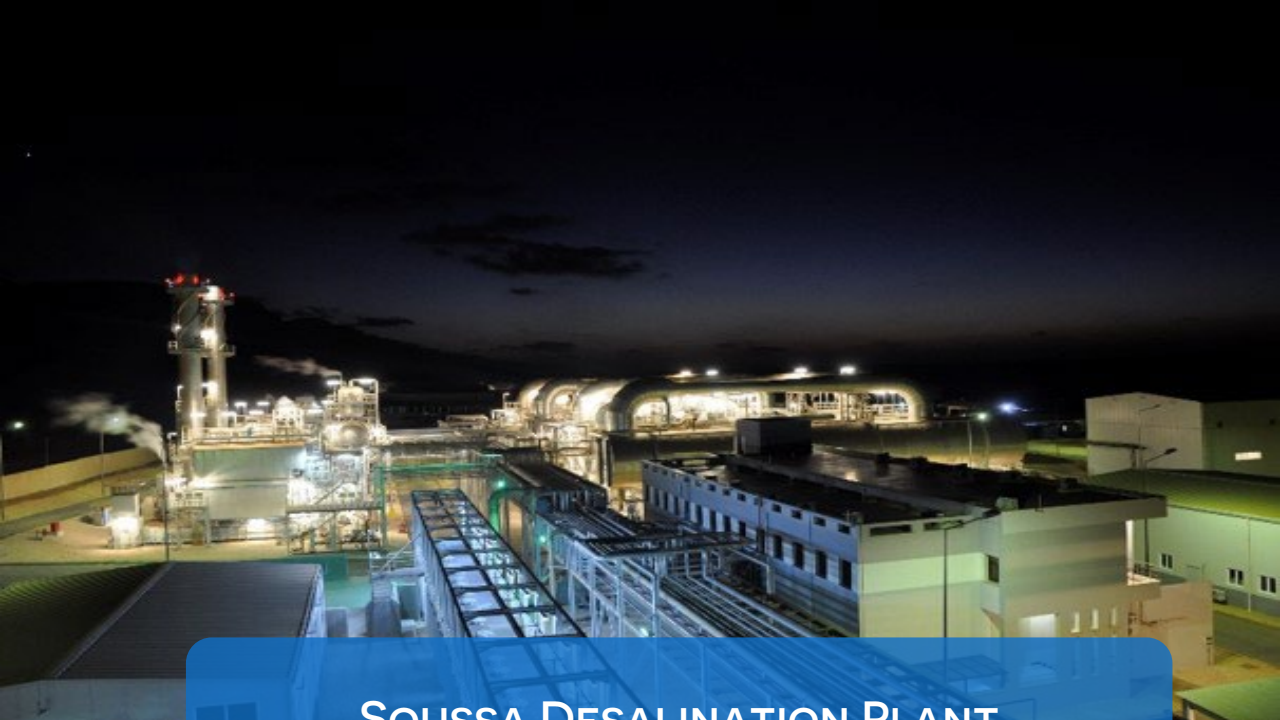
ANNUAL CAPACITY

40.000 m³/day

PROJECT DESCRIPTION

The project consisted of engineering, procurement, construction, commissioning and start-up of a 2 x 20.000 m³/day Water Production Plant with two type of fuel, Heavy Fuel Oil (HFO) and Light Fuel Oil (LFO), complete with all Balance of Plant (BOP) systems.

Heavy fuel oil (HFO) is used as main fuel for MED Desalination Plant operation whereas; light fuel oil (LFO) are used as back-up fuels.



SOUSSA DESALINATION PLANT

PROJECT LOCATION

Soussa - Libya

CONSTRUCTION PERIOD

Aug 2006 – Aug 2010

CLIENT

General Electricity
Company of Libya

ANNUAL CAPACITY

40.000 m³/day

PROJECT DESCRIPTION

The project consisted of engineering, procurement, construction, commissioning and start-up of a 2 x 20.000 m³/day Water Production Plant with two type of fuel, Heavy Fuel Oil (HFO) and Light Fuel Oil (LFO), complete with all Balance of Plant (BOP) systems.

Heavy fuel oil (HFO) is used as main fuel for MED Desalination Plant operation whereas; light fuel oil (LFO) are used as back-up fuels.



SAKHALIN II ONSHORE PROCESSING FACILITY (OPF)

PROJECT LOCATION

Sakhalin - Russia

CONSTRUCTION PERIOD

May 2003 - July 2009

CLIENT

Sakhalin Energy Investment Co.

PROJECT VALUE

US\$ 1.1 Billion

PROJECT DESCRIPTION

The Sakhalin II Onshore Processing Facility, located in the Nogliki district, 7 km inland in the north-east of Sakhalin Island, is the first combined oil & gas processing facility built in Russia and the largest of its kind globally. It is the key element of the Sakhalin II integrated oil and gas field development project, producing oil and gas from two major offshore fields located on the northeastern shelf of Sakhalin Island in the Okhotsk Sea.

The scope of work included the design and construction of buildings, site facilities and access roads; installation of process equipment and piping; all main civil, mechanical, electrical, and instrumentation construction; provision of commissioning and start-up assistance for the whole facility; and also procurement of bulk materials; material management; transportation and logistics of all process equipment and materials sourced worldwide and free-issued by the client.



SAKHALIN I CHAYVO ONSHORE OIL PROCESSING FACILITY

PROJECT LOCATION

Sakhalin Island - Russia

CONSTRUCTION PERIOD

June 2005 - October 2006

CLIENT

Exxon Neftegas Ltd.

PROJECT VALUE

US\$ 94 Million

PROJECT DESCRIPTION

In May 2005, ENKA was awarded the contract for the installation of the mechanical and piping systems for the Onshore Processing Facility by Fluor Daniel Eurasia Inc. the EPCM Contractor, on behalf of Exxon Neftegas Limited.

ENKA scope comprised the erection and installation of various static and rotating process equipment including compressors, generators, heat exchangers, boilers and pumps; field erection of 40,000 tons of prefabricated modules weighing between 900 and 2,500 tons and field erection of 4,100 tons of steel as well as 40,000 m of field piping, including fitting, welding, pressure tests, painting and insulation. ENKA also performed all scaffolding and winterization works for all disciplines at the Onshore Processing Facility Site & Orlan Platform during the project and provided commissioning and start-up support to the client.

ENKA not only performed the hook up of these prefabricated modules, but also a substantial amount of stick built site erection work during very harsh two winters, including required field modifications to prefabricated modules and erection of their loose delivered parts, erection of freestanding equipment, various stick built pipe racks and all interconnecting piping works. ENKA also provided plant commissioning and startup assistance to the client.



OUED ATMANIA DAM

PROJECT LOCATION

Mila - Algeria

CONSTRUCTION PERIOD

Aug 2002 – March 2007

CLIENT

Ministry of Water
Resources National
Agency of Dams –
ANBT

PROJECT DESCRIPTION

The dam has a height of 44 m, a length of 630 m, and a reservoir capacity of 33.6 million m³. It has a combined concrete tunnel and 313 m long, derivation gallery. The derivation gallery is able to drain the water with a maximum flow rate of 60 m³/second. The pipeline capacity is 4 m³/second for the drinking water and 2.5 m³/second for the irrigation water. The contract included civil engineering works as well as the design, supply, erection, and start-up of the hydraulic, electric and control equipment.



FORMER U.S.S.R. – TURKEY NATURAL GAS PIPELINE

PROJECT LOCATION

From Bulgarian Turkish border to Ankara (Turkey)

CONSTRUCTION PERIOD

Mar 1986 – Sep 1988

CLIENT

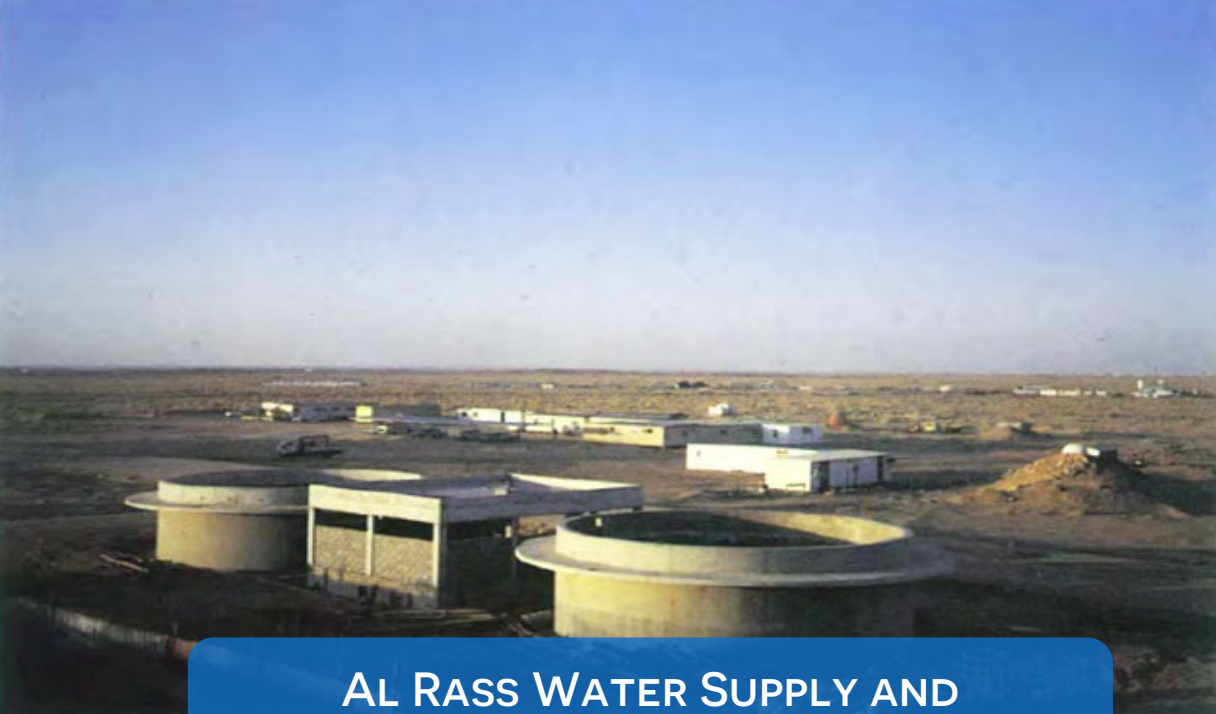
BOTAS Transportation
by Pipelines Inc.
Turkey

PROJECT DESCRIPTION

The 842 km, 36-24 inch natural gas pipeline extends from the Bulgarian border of Turkey to Ankara, including a total of 118 km of offshore pipeline between Ambarli – Pendik and Dil Iskelesi-Hersek in the Marmara Sea at a maximum depth of 90 m. Other principal works in the contract included a 20 MW compressor station, 11 reducing and metering stations, 9 pig stations, 32 line valves, a dispatching center, 3 maintenance center, and telecommunication and telecontrol systems.

The pipeline has an annual capacity to deliver 14bcm of natural gas, under 70 barg pressure, into Turkey through the Ukraine. This is equivalent to 75% of Turkey's current consumption.

The project was financed through a number of export credit agencies, such as US Exim, JEXIM, Coface and ECGD.



AL RASS WATER SUPPLY AND TREATMENT SYSTEMS

PROJECT LOCATION

Al Rass - Saudi Arabia

CLIENT

Ministry of Agriculture and Water

CONSTRUCTION PERIOD

April 1985 - March 1988

PROJECT DESCRIPTION

Scope 1:

Design and construction of a water treatment plant. Main works comprise softener building, pumping station, fuel storage tanks, waste water station, wells, administration building and electromechanical works.

Scope 2:

Pipe-laying for transmission and distribution network.



ISTANBUL SEWERAGE PROJECT, YENIKAPI PRETREATMENT PLANT AND PUMPING STATIONS

PROJECT LOCATION

Istanbul - Turkey

CONSTRUCTION PERIOD

September 1984 - August 1988

CLIENT

General Directorate of Istanbul Water &
Sewerage Administration – İSKİ

PROJECT DESCRIPTION

Construction works of “Yenikapi” Pretreatment Plant & Pumping Stations in the framework of Istanbul Sewerage Project (1st Stage). Contract consisted of construction of a coarse screen house, a pumping station (influent); pretreatment plant, a pumping station (effluent), incoming inceptor, sewers and force mains; fabrication and laying of overflow systems and connecting pipes; construction of roads and firefighting.

ENKA also undertook the supply and installation of all electrical and mechanical parts of a coarse screen house, sewage pretreatment plant and 2 a pumping stations, which have 5 pumps with a total capacity of 12,5m³/sec.



AL KHAFJI PHASE 2 DESALINATION PLANT

PROJECT LOCATION

Al Khafji - Saudi Arabia

CONSTRUCTION PERIOD

October 1982 – February 1986

CLIENT

Saline Water
Conversion Corporation

PROJECT DESCRIPTION

Single purpose desalination plant to produce 5 million gallons per day desalted water by the evaporation of Arabian Gulf water based on MSF process and transmission of potable water to the distribution terminals in the town of Al Khafji and related office buildings and housing compound.

Scope:

- All civil works of the desalination plant. Turn-key construction of sea water intake, outfall and treatment facilities.
- Turn-key construction of product water pipeline and facilities for fuel oil supply, storage and handling.
- Turn-key construction of control buildings, laboratory facilities, maintenance shop, warehouse, office buildings, mosque and housing compound including HVAC and fire protection systems.



DIYARBAKIR PROVINCE DRINKING WATER SUPPLY SYSTEM

PROJECT LOCATION

Diyarbakır - Turkey

CONSTRUCTION PERIOD

May 1982 - May 1986

CLIENT

Province Bank Turkey

PROJECT DESCRIPTION

Construction of the water supply system of Diyarbakır Province consisting of 67 km pipeline.

Key figures:

Excavation: 83,000 m³

Concrete: 530 m³

Pipelaying: 67,742 m



IRAQ – TURKEY CRUDE OIL PIPELINE EXPANSION

PROJECT LOCATION

Turkey - Iraq

CONSTRUCTION PERIOD

Mar 1983 – Oct 1984

CLIENT

BOTAS Transportation by
Pipelines Inc., Turkey State
Organization for Oil
Projects - SCOP, Iraq

PROJECT DESCRIPTION

The project included :

Design and construction of expansion project to increase the capacity of existing 40", 1000 km crude oil line from 35 million tons/year to 50 million tons/year. Construction of 80 km of pipeline loop with 30" and 40" diameters. Replacement of pumps and motors at existing stations

Modification of dispatching center

Extension of the metering stations and addition of the 4th metering station

Construction of five new pump stations complete with high voltage substation.

Tie-in of new stations to existing pipeline.



WASIA WATER TREATMENT PLANT (RIYADH ADDITIONAL WATER SUPPLY CONTRACT NO. 3 TREATMENT WORKS)

PROJECT LOCATION

Wasia – Saudi Arabia

CONSTRUCTION PERIOD

October 1979 - May 1982

CLIENT

Ministry of Agriculture
and Water



PROJECT DESCRIPTION

The scope of the project included:

- Architectural, civil and structural design, and construction and erection of a water treatment plant of 200,000 m³ per day capacity.
- Laying of 3,000 tons of ductile iron pipes.
- Civil and building works for coolers, softeners, filters, sludge disposal plant, chemical handling buildings, pump houses, administration buildings, workshops and stores.
- All mechanical and electrical installation works of the above mentioned units including insulation and painting.

ENKA

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