CORPORATE PORTFOLIO
2023

HISTORY

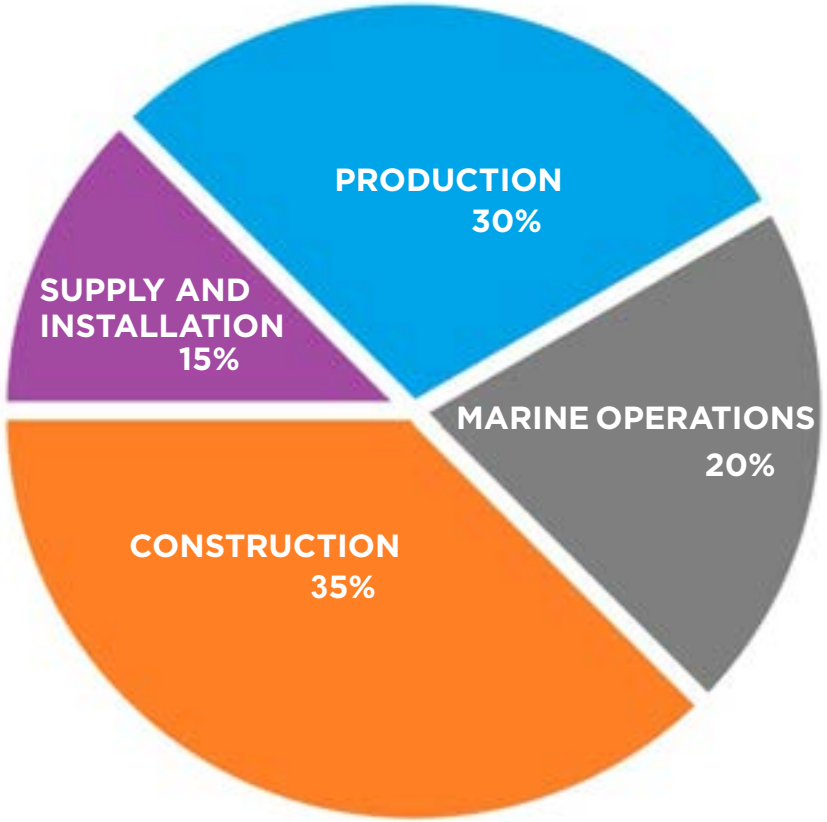
ADO-G Group of Companies was founded in 1991 by Musa Suleymanov in Baku,Azerbaijan. ADO-G is one of the first local companies working in oil and gas industryin the territory of Azerbaijan.ADO-G initially specialized in the supply of the oil and gas field equipment and has gained a vast experience cooperating with "SOCAR", “BP Exploration”, “McDermott Caspian Construction”, “Nobel Oil”, “Salyan Oil”, “Gobustan Operating”. Having expanded the range of our activities, we became one of the largest company in the areas of Marine and Onshore Construction, Supply and Installation in the territory of the Azerbaijan Republic.

ACTIVITY

Today ADO-G mainly focuses on the marine sector specializing in marine construction, production of floating equipment and oil-field equipment and fabrication of large metal structures for marine applications. By using our marine assets such as Zira sea port, Keyside production areas and fleet of jack-up barges ADO-G group offers its clients advantageous conditions for operations. Today our firm operates in various sectors of the country and has made itself a name as a competent partner in the industry.

MUSA SULEYMANOV
Founder

ADO-G Group of Companies



CONSTRUCTION

- CIVIL
- MARINE
- INDUSTRIAL
- ROAD-WORKS
- PILE WORKS
- DREDGING WORKS

PRODUCTION

- OILFIELD EQUIPMENT
- STS CRANES
- LPG TANK CONTAINERS
- VESSEL MOORING PLATFORMS

FABRICATION

- FLOATING EQUIPMENT
- LARGE SCALE STEEL CONSTRUCTIONS

SUPPLY AND INSTALLATION

- LARGE INDUSTRIAL EQUIPMENT

MARINE OPERATIONS

- OPERATION OF ZIRA PORT
- PRECUREMENT OF JACK-UP BARGES
- LOGISTICS
- TRANSPORTATION OF OVERSIZED STRUCTURES

Embassy of Azerbaijan in Uzbekistan

The project scope was to plan and construct the honorary embassy of the Azerbaijan Republic in Turkmenistan. The construction works began in 2003 and finalized in 2004. The project was planned and constructed by ADO-G group from start to hand-over and all construction materials were imported from Azerbaijan. During the opening ceremony of the embassy, President Ilham Aliyev of Azerbaijan Republic expressed his satisfaction and praised the team for the high quality of works performed.

Olympic Sports complex in Tovuz

Tovuz Olympic Complex built on 5 hectares, in 100 m from the Tovuz river. Tovuz Olympic Complex, designed in a modern architectural style, consists of three buildings, which consist of two-storey hall, 2 storey pool table and lounge area of the building and of the 5-storey hotel building, collected all the conditions for the development of major sports. On the first floor of the building of the hall has an area of 1128 sq. m, lobby area of 246 sq. m, 2 gyms area 69.4 sq. m, changing room area of 153 sq. m, a corridor of 30 sq. m and a massage, sauna, inventory and general plumbing components area of 259.8 sq. m.

On the second floor of the gym lobby area is located 545 sq. m and 1,200 local-viewing areas. On the first floor of the building of the pool and the dining room has a sports pool area of 840.16 sq. m, gym area of 49.9 sq. m, and dining room area of 554.5 sq. m, kitchen area of 209.5 sq. m and a massage, sauna, inventory and sanitary units with total area of 520 sq. m. On the second floor of the building, pool and dining area are located training room 193 sq. m, showfloor area of 220.4 sq. m, and living area of 72.84 sq. m, private lounge area 419 sq. m, balcony area of 155 sq. m, reception, accounting, directional and plumbing sites with a total area 359 sq. m.

CUBIC TOWER

According to studies and surveys conducted by the specialists of ADO –G Group of Companies with customers, it was revealed that Batumi city of Georgia has a great potential in tourism sector. The most appropriate area was carefully selected in order to implement the project. According to the technical and economic feasibility and marketing studies conducted with Horwarth International, it was concluded that the project meets the criteria listed below:

- World famous 5 star hotel brand
- Casino having the area of 1000 m2 to be managed by the International Casino operator
- 4 café and restaurants
- CUBIC TOWER Project has the following specifications:
- An area of 17 000 m2
- 30-story building 184 rooms (including Presidential suite)
- Conference hall with the area of 300 m2
- SPA (ESPA)
- 4 café and restaurants (including restaurant with the wonderful panoramic sea view on 30th floor)

MODULE OFFICE

The office building located in Baku was constructed using prefabricated steel structures and is planned as a modular structure that in theory can be broken apart and transported to a different location. The exterior is covered in metallic facade panels and the building is colored black to help with low temperatures in winter and throughout the year. Planning, pre-fabrication and construction works were all executed by ADO-G team of engineers and builders. The building has served as main office for ADO-G for over 10 years before the firm moved to a different location. The facility also has private parking for over 50 cars, a separate kitchen and carwash. The location of the project is very advantageous as it is close to the airport and very close to the city Centre.

ZIRA PORT

"ADO-G" Company is working on a new project - construction of its own port, terminal, plant for production of oil - gas equipment and fabrication yard for steel structures on total area of 20ha. Construction of facilities is in accordance with international standards of production and quality control system.

Advantages of Zira Sea Port

Distances from Zira Seaport to main offshore oil & gas fields in the Caspian Sea

Azeri, Chirag, Guneshli oil fields:

45 mile to DDGG
47 mile to DWG
49 mile to West Chirag
51 mile to Chirag
53 mile to West Azeri
56 mile to Central Azeri
61 mile to East Azeri

Shahdeniz oil fields:
23 mile to Istiglal
25 mile to Shah Deniz
30 mile to Haydar Aliyev

LOCATION OF ZIRA SEA PORT IN RELATION TO CASPIAN OIL FIELDS

ZIRA PORT

General Specifications

Total area - 30 hectares
Land area - 14 hectares
Water area - 16 hectares
Piers area - 2.2 hectares
Open fabrication area - 60,000 sq. meters
Closed fabrication area - 27,320 sq. meters
Mooring area - 1,320 meters
Berth space length - 350 meters
Channel and seaport depth - 8-11 meters
Channel width - 90 meters
Bollards SWL - 25 & 200 tons
Height of the quayside from seawater - 3 meters

CONSTRUCTION OF THE MILITARY PORT

The total length of a pier is 485 m, width-10, the bridge part is established at height of 3 meters from a sea level. The platform is intended for the mooring of heavily-loaded vessels. The main part in length of 135 meters carries out a role of breakwaters. Piling work in construction of a pier is carried out with the help of the «Jack-Up Barge 14x30». Transportation of construction materials by sea is carried out by cargo towing barges.

CONSTRUCTION OF THE MILITARY PORT

The scope of the project consisted of the construction of port facilities such as quaysides and mooring platforms for military vessels. ADO-G performed several works at the site including but not limited to depth surveying, sheet pile installation, anchor rod installation, and general concrete and earthworks. Project was successfully completed and the port is still fully operational.

BAKU FERRIS WHEEL

Project description - construction of the foundation slab (size 54h38h1.5m) over bored piles D = 1500 mm, H = 30 m. During this project 132 units of bored piles was drilled (sizes of piles - D = 1500 mm, a depth of 30 m.)

FOUNTAIN “LOTUS”

As a part of boulevard redevelopment program, ADO-G constructed a 160 m water fountain at Baku bay. The structure was prefabricated from steel and transported to the installation site. The fountain itself is inspired by a lotus flower and has specialized light show that works afternoon hours. The project scope included installation of 600mm intake pipeline and 6 industrial scale water pumps. The fountain is still one of the tallest shooting fountains in the world to this day.

COFFERDAM REHABILITATION & WATER INTAKE STRUCTURE PROJECT

Within the framework of the project, the following works were performed and handed over:

- Underwater Soil Replacement
- Ground Improvement
- Revetment Works
- Construction of Wave Wall
- Laying of 1525x20mm casing pipes under the existing cofferdam in two places
- Dredging of the seabed to the dimensions and levels specified in the project
- Extension of 1525x20mm casing pipes to the sea in two double lines
- Installation of 36 piles made of D426x11mm pipe on the seabed in the dimensions given in the project
- Installation of I-Beam profiles on the underwater piles
- Lowering and installation of RC-3 and RC-4 concrete sections
- Underwater connection of RC-3 and RC-4 concrete sections with casing pipes
- Lowering and installation of RC-1, RC-2 and RC-5 concrete sections;
- Jet grout pumping under the concrete;
- Filling of stones in accordance with the project and construction of a cofferdam on the pipes;
- Welding of HDPE 1200mm, PN16 pipes and into casing pipes

VIBRODRIVERS

PTC vibrodrivers are powerful hydraulic vibratory hammers that produce vertical vibrations to drive or extract a wide variety of profiles:

- Sheet piles
- H and I beams
- Casings and tubes
- Concrete piles

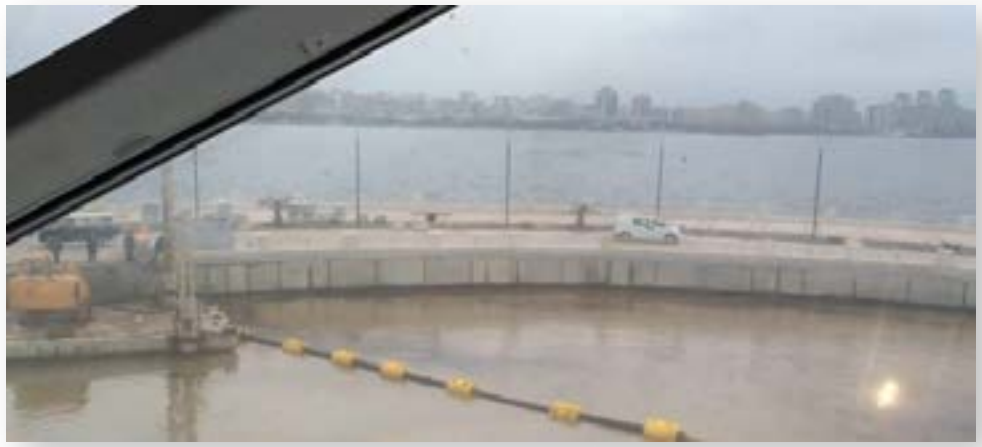
They work free-hanging on crawler cranes and mobile cranes with telescopic booms (HFV & HV ranges).

PILE WORKS

Piling works are one of the core operations of ADO-G as the company owns and operates its own barge fleet and piling equipment in the Caspian sea. Taking on large-scale projects like the construction of port infrastructure, ADO-G has gained vast experience in piling works over the past years. Using its stationary properties, Jack-up barges allow us to work in conditions that are usually impossible for conventional vessels to work. The quality of the work is also much higher due to the fact that piles are driven in a stationary position from the barge as opposed to a moving vessel affected by the waves and buoyancy.

FISH RESTAURANT NEXT TO THE LIGHTHOUSE

A fish pond built in the open sea is intended for keeping special types of fish.
During construction, special equipment and methods were used. The company's special floating equipment (Jack-Up Barge) and impact pumps were used in driving piles and piles, concreting, dredging and supplying bottom materials, and transporting materials at sea. The diameter of the pool is 83 m and its volume is 8000 m3. A pumping station is installed for periodic water replacement.



KURIK PORT

ADO-G Has been heavily involved in the construction of Kuryk Seaport located in the Kazakhstan Republic. Our main direction was the construction of piers and quayside infrastructure. Jack-up barges were used for piling works on the quayside and for dredging operations in the port harbor.

MUD PLANT

The project scope consisted of constructing a foundation slab for the mud plant tanks. The project was initiated and finalized in 2005 and the client was BP contractor KBR. This specific project was ADO-G's first industrial construction project and it allowed the firm to further develop its various wings and diversify.

“NORTH ROAD” PROJECT

PREPARATION WORK FOR DRILLING

MAIN SERVICES

- Execution of topographic and geodetic works
- Construction of roads based on sand, crushed stone and gravel
- Drainage works
- Construction of road and river crossings
- Asphalting
- Concreting of roads
- Construction of concrete pads and foundations
- Road lighting
- Work on site fencing

Paving of the site and construction of the concrete foundation at the oil terminal in Sangachal

ROAD CONSTRUCTION PROJECT IN SHAHDAGH OLYMPIC COMPLEX

ADO-G group of companies was in charge of the construction of a 10km road in the Qusar Region of Azerbaijan. The road leads to the winter Olympic skiing complex in mountainous terrain. ADO-G completed the works with very high quality and before the expected delivery time. Today, the road is still operational and remains the main passage to Shah-dagh Skiing complex.

FLOATING EQUIPMENT

«Jack-Up» Barges

The barge (30x14m) ADO-G company produced (3 units) for its services is designed for the following sea operations:

- Pile driving in water depths of 30m or less
- Geological exploration
- Dredging
- Transportation cargo up to 360t
- Can be used as a construction platform in offshore
- Mooring bollards
- Tugs
- Drilling rigs for geological studies in the sea

LARGE SCALE METAL CONSTRUCTION

THICK-WALLED TUBES, RINGS IN THE SHAPE OF A CYLINDER AND A CONE

Bending machine model Lisse 3100x75 mm enables the manufacture of rings in the shape of a cylinder and a cone, and the pipes of any size and wall thickness up to 75 mm

General fabrication data:

- Maximum thickness of sheet metal flexes - 75mm

- The maximum width of bendable steel sheet - 3000mm

- Smallest bending radius - 380mm manufacturing cone rings

- Tested to 160 tons

Our Excellence:

- Design and measurement in 3D parts of any shape and nesting material

- Conducting welding after the fold

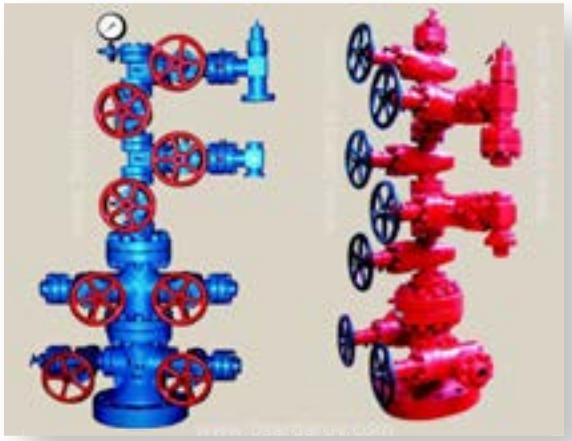
- Spacious and high production sites that enable the manufacture of part of large size

INHOUSE TESTING FACILITY

ADO-G conducts quality assurance tests after the production process to ensure the products are up to necessary chemical, tensile, and mechanical properties. The in-house lab at the production site allows to quickly assess the properties of any given product.

OIL FIELD EQUIPMENT

- Equipment for wells and platforms
- Christmas trees for the oil and gas wells
- Gate valves
- Throttles
- Equipment for onshore oil production
- Pumps for drilling wells
- Equipment for drilling wells repair
- Pipes for oil fields
- Oil tankers



STS CRANES

TECHNICAL DATA
1. Lifting capacities up to a given outreach
- Hoisting capacity total – 54 t
- Under spreader – 40 t

2. Hoisting heights
Hoisting height and lowering depth measured from the crane tract level
- hoisting height - 18 m
- lowering depth – 6 m
- rail span – 14m
- outreach from seaside rail – 22 m
- outreach from land side rail – 12 m

3. Performing speeds
Main hoist
- full load – 30 m/min
- without load – 40 m/min
- traversing speed – 80 m/min
- crane travelling – 30 m/min
- boom hoisting time – 5 min (approx.)

4. Crane rail
Rail size (A 100)
Rail span – 12 m
Track length – 100 m
Power supply - 3ph, 380V (35%), 50 Hz
5. Voltages

Converters - 3ph, 500V AC
Motors approximately - 3ph, 500V AC
Auxiliary appliances - 3ph, 460V AC
Control voltage - 115V AC
Floodlights - 460V AC
Lighting- 115V AC
Sockets for tools and hand lamp - 115V AC
Outlet sockets for welding - 460V AC

TRASPORTATION OF OVERSIZED STRUCTURES

HYDROMECHANICAL EQUIPMENT FOR THE WATER INTAKE OF THE UPPER KARABAKH

The Upper Karabakh Canal is of great importance in the development of agriculture in the economic sphere of our country. Due to the complex design of the hydraulic equipment on this canal, they were produced in foreign countries and brought to our country. LLC "ADO-G Construction, Supply and Installation" successfully completed the project, organizing high-quality production of hydraulic equipment at its production base.

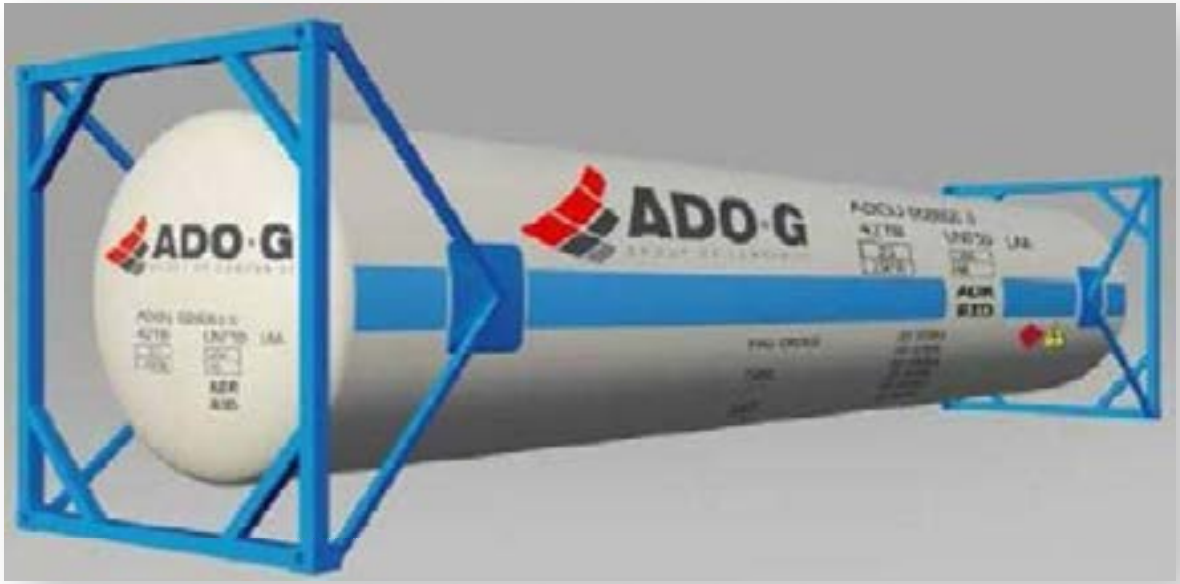
Working lock - 47 tons

Repair lock - 30 tons

Garbage-catching net - 34 tons

Pontoon 7000 x 11696 mm – 20 tons

LPG AND CRUDE OIL TANK CONTAINERS



As a part of the logistics project for the transportation of hydrocarbons across the Caspian sea, ADO-G Intends to build 3000 crude oil/LPG tank containers. The project scheme has been engineered and certified by TÜV Austria. ADO-G has manufactured 2 samples and they have passed all necessary tests and inspections.

SPECIFICATIONS:

- Tank capacity - 45 cbm
- Operating pressure - 17.16 bar
- Test pressure - 25.74 bar
- Operating temperature: -10 ° C to +50 ° C
- Tank shape - cylindrical
- Material - 09G2S
- Chassis - I-beam and channel iron welded construction
- Axis - the 11-ton system ABS,
- Brakes - BCO-HALDEX, ABS, EBS
- Suspension Systems - Air Suspension
- Wheels - 385/65 R22, 5
- Electrical system - 24V
- Painting - with the help of RAL, color according to client request

LARGE SCALE STEEL CONSTRUCTIONS

Our firm offers a wide range of metal fabrication services to local and international companies working in Azerbaijan. Although our company focuses more on steel fabrication for marine applications, we have full capacity to take on any kind of fabrication work, whether its on or offshore. Below are some details we have manufactured for Bahar Energy which is an oil and gas exploration company working in the Caspian sea.

TOWERS

MOORING PLATFORMS

DECK PLATFORM

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GROUP OF COMPANIES

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