

ARD ALSHARQA ENGINEERING LTD

ENGINEERING
UNLIMITED



2007



ARD ALSHARQA ENGINEERING COMPANY LTD

2019 Profile

BACKGROUND

ASHCO was established in February 2007, Experienced Engineers and Scientists in different fields and disciplines shared the responsibility of establishing the group.

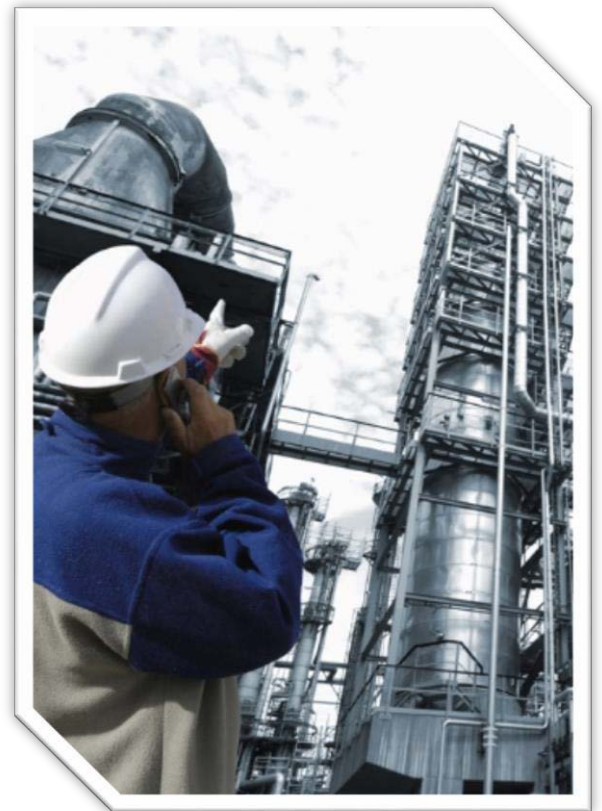
SERVICES

The main services provided by SHCO are

- *Engineering Consultancy,*
- *Engineering Designs, and*
- *EPC & EPCC services*

This includes, but not limited to, the following:

- *Conceptual, Basic and Detail Designs.*
- *Project Management Consultancy (PMC)*
- *Site surveys.*
- *Performed of Electro-Mechanical Projects*
- *Installation, Erection and construction.*
- *Precommissioning, commissioning & testing.*
- *Trial runs.*
- *HAZOP, HAZID and SAFOP studies.*
- *Material selection reports for new projects.*
- *Environmental Studies, including Decontamination activities.*
- *R & D in scientific & engineering fields.*



BACKGROUND

OVERVIEW

Established in February 2007, ASHCO is formed from two entities, Engineering Bureau, and Consultant for Engineering .

Engineering is based in Basrah, Iraq, with a branch in Baghdad, and previously at Jezaer. Engineering is the consultant to different organization in Iraq .

Since August 2007, twenty contracts accomplished in addition to a long term agreement (LTA) signed with GRS for multi-purpose engineering activities from late 2007.

ASHCO Engineering (based in Beirut, Lebanon) with a Branch office in Jordan, and previously in Syria also, is specialized in Power Generation Engineering, and is engaged currently in the Design, Project Management, Procurement, Construction, Erection, Assembling and Putting into operation of several Power Station Plants around the Middle East.

VISSION

ASHCO vision is to be one of best contributors in the success story of the Energy industry sectors in Iraq; To cover, satisfy all needs and to supply all the demands for the Clients in a way that insure business success and high quality operations.



BACKGROUND

Staff and offices:

ASHCO is an International Company based in Iraq , it currently stands at more than 115* personnel with multinational staff from Asia, in diversified fields and disciplines of engineering, with 4 offices and branches in Iraq and outside Iraq :

- *Basrah , Iraq*
- *Baghdad , Iraq .*
- *Arbel , Iraq.*
- *Beirut, Iraq.*



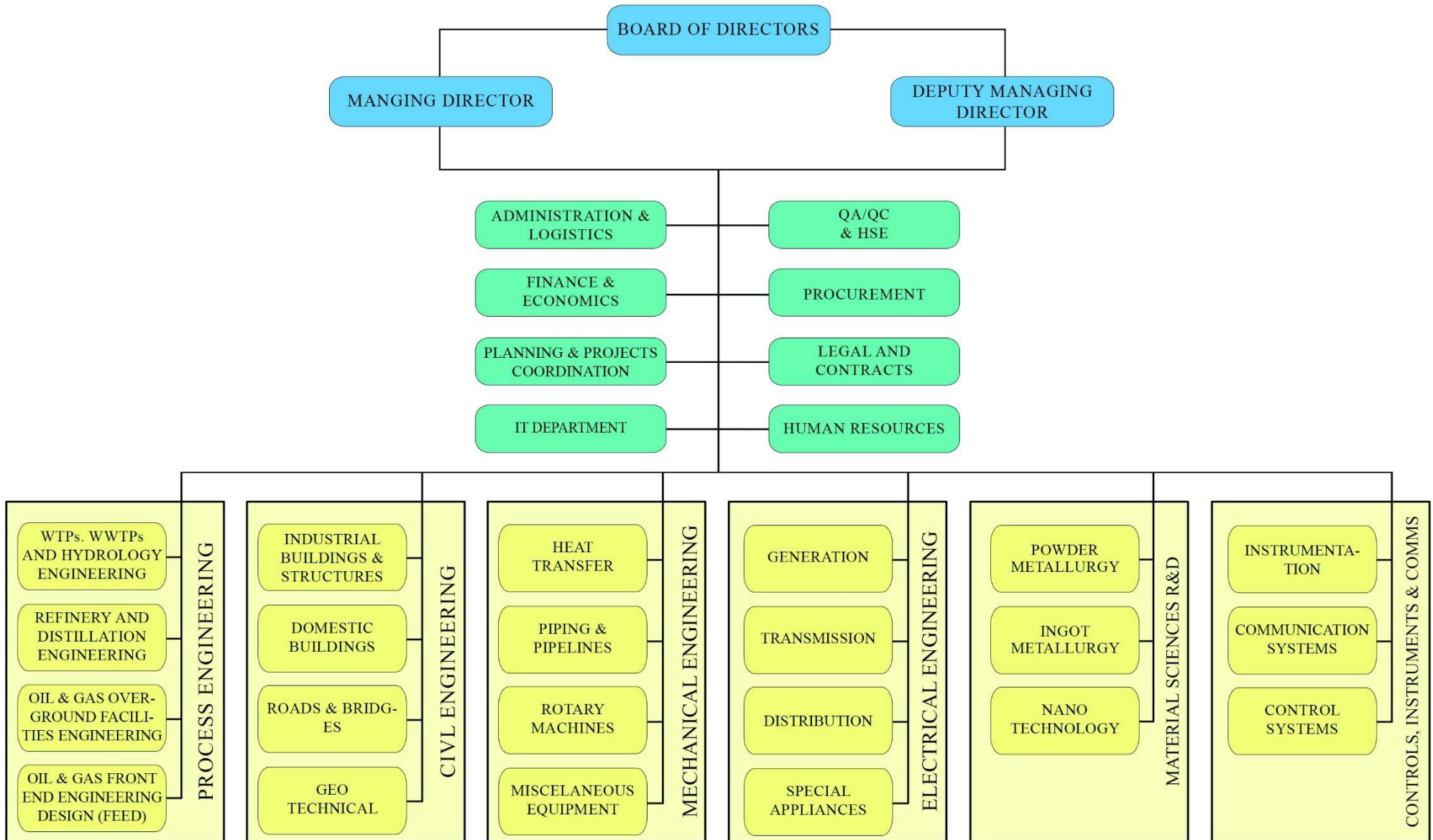
** Involvement on new projects usually raises the figure –project based increase*

WE TAKE PRIDE IN BEING A ONE STATION ENGINEERING SOLUTION





ARD ALSHARQA ENGINEERING COMPANY LTD.





MAINSTREAM ACTIVITIES



*POWER
GENERATION &
TRANSMISSION*



*OIL &
GAS*



INFRASTRUCTURE

Power Projects



Buzrgan GTPP - Power Transformer Installation

- I-** Complete Basic and Detail designs for **BAZRGAN GTTP** (Pratt & Whitney Gas Turbines -120MW-) – 2011-2012
- II-** Design and Supervision for several 132/33 kV substation, with civil works and electromechanical erection, testing, commissioning and putting into operation.

III- Complete Basic and Detail designs for **Al-Najaf GTTP** as a subcontractor with (Alstom Gas Turbines -56 MW-) – 2011-2012.

IV- Several DPPs (Diesel Power Plants) with different capacities with multi-fuel capabilities, as EPC and PC modalities.

V- Complementary Engineering Design review proceeded by diagnostic activity for assessing the design status for a GE Frame 9E 4x125 MW **Haydariya GTTP** in Iraq. – December 2014



VI- Design review/comment and recommendations for approval of electromechanical engineering Design documents and drawings of **Hilla 1500 MW combined cycle power plant stage 1** including 400 kV –AIS substation and DCS interface – *March 2009*

VII- Design, Manufacture, Supply and Installation of **10 Mobile Substations** (132/33) kV /31.5 MVA, (132/11) kV /25 MVA with Spare Parts for Diyala & Salah Al-Din in Iraq, by the World Bank – *October 2010*



Oil & Gas Projects

- A.** Construction & later in time Rehabilitation of Desorber Process Units with capacity of 250,000 B/D in the capacity of Owner engineer. Main contractor Foster Wheeler.
- B.** Jambur/Bai Hassan oil field Design and Construction of the Degassing Station.
- C.** K1 Pump station rehabilitation (total capacity 1.4 Million B/D), and tank farm rehabilitation.
- D.** Fao exporting manifold redesign to enable exports from Fao peninsula.
- E.** IT2 pumps station (on the Iraqi-Turkish line) rehabilitation.



Development of Halfaya Oil Field, working as PMC in conjunction with a German consultancy firm for 1st stage of the development (2011-2013), Halfaya oil field proven reserves 4.1 Billion Barrels, the contract achieved the increase of the Field output from 3,000 to 100,000 B/D. Final increase of productivity of the field is planned for around 500,000 B/D.



ASHCO is engaged in procurement activities of complete electrical & mechanical systems from leading for the power and oil sector, among of which the following systems were procured:

- A.** Complete 132 KV switchyard.
- B.** Natural gas handling and feeding systems with compressors
- C.** Gas oil handling and feeding systems.
- D.** Several Complete Mobile Substations with different capacities (132/11 kV – 25 MVA and 132/33 kV – 31.5 MVA)
- E.** Heavy fuel oil treatment plants.
- F.** Butterfly valves, and related equipment
- G.** Cone valves, and related equipment
- H.** Cooling systems
- I.** Water and waste water treatment plants
- J.** Plant control systems.
- K.** Power transformers up to 200 MVA and auxiliary transformers
- L.** 132 KV circuit breakers
- M.** Firefighting equipment.
- N.** HVAC Systems.
- O.** Different systems, equipment, material and specialized apparatuses, MEMS & Nano based cooling liquids...to mention a few



VIII -

A. Performed Well pads with EXXON in west Qurna as a subcontractor

The company Exxon Mobil Company announcement for well pad project. Exxon Mobil awarded our company the well pad projects in Basra province (West Qurna - 2) under the supervision of Exxon Mobil Company. The company successfully accomplished the construction of these wells .



B. Performed a well pad pit construction and liner installation project. as a subcontractor with Lukoil awarded to our company in Basra (West Qurna - 2) under Lukoil supervision. The company successfully accomplished the construction of these wells .



Drill pipes and maintenance

a. we performed many projects with as a subcontractor we BGC under Technp in 2015



COOLING FANS REFRIGERATORS

ASHCO performed cleaning heat exchangers in KAZ Basrah Plant with BGC in 2015 as a subcontractor under Technp.



OTHER PROJECTS WITH BASRAH GOVERNORATE

#	DESCRIPTION	PROJECT COST	YEAR
1	Paving Al-Fao Road, Basra and loading piers	477,610,000	2019
2	Paving the dam in Sulaikh 2.56 km and Sulaikh Road with a length of 1 km	1,242,000,000	2019
3	Supplying and erecting GRP tank size 3000 m3	1,460,000	2007
4	Supplying and laying water network pipes in Ecstasy	390,580,000	2012
5	Paving a road in ecstasy for a length of (5-10) km	1,215,400,000	2008
6	Paving a road in ecstasy length (4045 m)	396,250,000	2007
7	Paving Al-Saffah Road - length (2.1) km	456,720,000	2007
8	Preparing of wells bases number 6 West Qurnat Al-Khad Road 86 , Drilling Company	501,930,000	2009
9	Preparing well bases ((P101-N101 West Qurna - Drilling Company	396,480,000	2007
10	Supplying and extending the Qurna water pipeline network	363,625,000	2013
11	Paving of Al-Dafi house road, the length of 11 km	1,993,500,000	2008
12	Digging a 6-km water canal with a bridge 2 in the monastery	192,750,000	2007
13	Construction of a dirt dam road, 3.5 km long, Al Muzayri'a	298,775,000	2008
14	Earthworks and Space - Qurna District Center	230,992,840	2007
15	Paving Al-Imam Al-Qa'im road, length: 625m	128,542,000	2011
16	Construction of dirt and space streets of Shatt al-Arab	2,553,348,000	2008
17	Paving road length 25 km, Shatt al-Arab District	2,396,250,000	2012
18	Constructing Al-Elwah logic road along 3 km	375,500,000	2011

HEAVY EQUIPMENT of company

ITEM	DESCRIPTION	YEAR	MODEL	ACTIVITY
1	Mobile Crane / 100 Ton	1998	Tadano	IN WORK
2	Mobile Crane / 50 Ton	2000	Kato	IN WORK
3	Dump truck	1997	Avico	IN WORK
4	Dump truck	2008	Mercedes	IN WORK
5	Bulldozer	1991	KOMATSU	IN WORK
6	Bulldozer	1982	CAT	IN WORK
7	Trailer	2007	VOLVO	IN WORK
8	Trailer	2008	ALKATROSE	IN WORK
9	Concrete pump 26 m	1998	Scania	IN WORK
10	Concrete pump 42 m	1997	Scania	IN WORK
11	Ship Compactor	1991	SAKAI	IN WORK
12	Ship Compactor	2001	SAKAI	IN WORK
13	Front and Loader	2000	Kawasaki	IN WORK
14	Front and Loader	2001	Kawasaki	IN WORK
15	Dump truck	2008	Mercedes	IN WORK
16	Bulldozer	1991	KOMATSU	IN WORK
17	Front and Loader	1996	Cat	IN WORK
18	Rubber Compactor	1998	SAKAI	IN WORK
19	Rubber Compactor	1999	SAKAI	IN WORK
20	Excavator	2009	HITACHI	IN WORK
21	Excavator	2002	HITACHI	IN WORK
22	Grader	1998	Cat.	IN WORK
23	Grader	2001	Cat.	IN WORK
24	Grader	1998	Cat.	IN WORK
25	Water Tanker	1998	Scania	IN WORK
26	Water Tanker	2001	Scania	IN WORK
27	Front and Loader	1996	Cat	IN WORK
28	Rubber Compactor	1998	SAKAI	IN WORK
29	Rubber Compactor	1999	SAKAI	IN WORK

CONTACT US



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