



AL BILAL GROUP OVERVIEW PRESENTATION



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***“Local Content,
International Standards”***



Al Bilal Group for General Contracts Co. Ltd.



Operating in Iraq since 1993
with over

150+ projects
executed to date

Headquarters:

Baghdad & Basra

Global Offices:

Dubai, Amman, Alexandria,
London

100% owned and
98% operated by Iraqis

500+ core staff and
5,000+ manpower



Major Achievements



**1ST IRAQI COMPANY TO UNDERTAKE MAJOR BROWNFIELD PROJECT
(MODIFICATION 3X DEGASSING STATIONS/ ZUBAIR OILFIELD)**



**1ST IRAQI COMPANY TO BE AWARDED WORK PACKAGES
IN KARBALA REFINERY AND RECENTLY RECEIVED “BEST SUB-CONTRACTOR”
AWARD ON-SITE**



**1ST CONTRACTOR TO ENTER INTO A 3X YEAR FRAMEWORK AGREEMENT FOR
ALL CONSTRUCTION DISCIPLINES (C,M,E,I,P)**



**Albilal signed 2X YEAR MASTER SERVICE AGREEMENT (MSA) WITH
GE OIL & GAS FOR MANPOWER SUPPLY**





Major Achievements

**SUCCESSFULLY COMPLETION OF EPC FRESH WATER SYSTEM FOR BADRA OIL FIELD
CONTRACT FOR WATER SUPPLY SYSTEM FROM FRESH WATER WELLS TO CENTRAL
PROCESSING FACILITY (CPF)**



**ENTERED INTO CALL OFF CONTRACT
CIVIL / STRUCTURAL AND PIPING CONSTRUCTION WORKS FOR DAMMAM WATER
INJECTION SYSTEM & OIL WELLS HOOK UPS WORKS**



**SUCCESSFULLY COMPLETION OF SUBSTATION BUILDING WORK FOR ZUBAIR NORTH
NEW DEGASSING STATION.**



**SUCCESSFULLY COMPLETION OF MECHANICAL ACTIVITIES FOR NCS2 PLANT
UPGRADATION NORTH RUMAILA CS2 STATION**



Certifications



ISO 9001



ISO 14001



OHSAS 18001

Al Bilal Group has evolved into a prominent local company operating with international QHSE standards



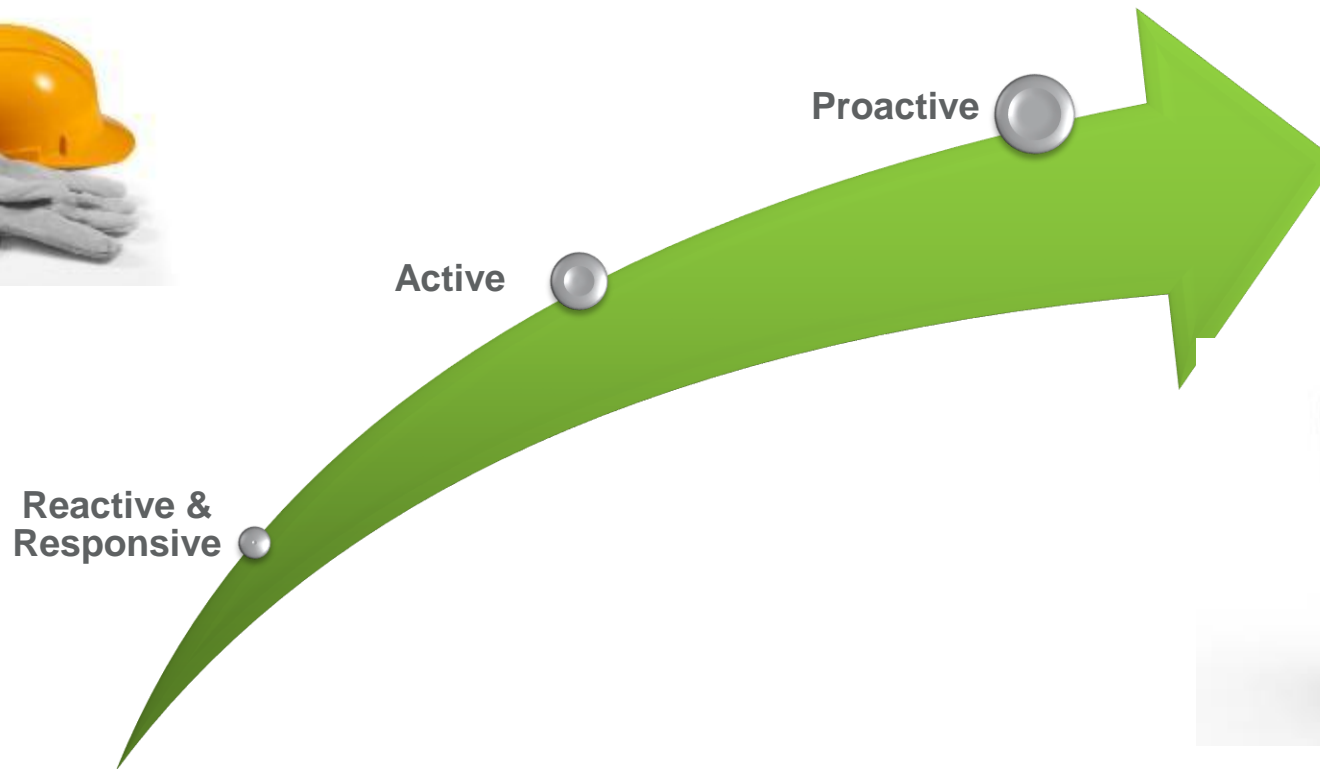
WPS/ PQR Qualified

Al Bilal Group possesses several types of WPS/PQR qualified by internationally renowned labs under the supervision of 3rd Party Inspectors (BV + TUV) , and have carried successfully for moderate temperature carbon steel , low temp carbon steel, stainless steel , as well as HDPE pipes for STX of Korea , ENI of Italy , Shell/ BGC in mid and South Iraq mainly for Oil and Gas Plants.

WPS to cover all welding activities from high thickness CS as per last revision of ASME B31.3 and to dissimilar material CS to SS also covers ASME and API standards.



Evolution of Safety Management



“No leak, no injury is our company motto”

Safety Overview

Exceeded **15+ million** manhour with **ZERO LTI** – BGC Projects & **25+ million** manhour - Overall projects



SAFETY TRAINING & HEALTH CENTER



SAFETY AWARDS



Highest Safety Performance Award received for Project completion LTI –free

Business Portfolio



Power



Oil & Gas



Water



Civil/Infrastructure





Amara 500 MW GTPP



Power Capabilities

Since our inception, Al Bilal Group has been highly active in the power sector to help the country address the chronic power shortage. We have been involved in developing 1+ Gigawatt of power, constructed 65+ substations , and performed nationwide O&M.

EPC	Generation
	Transmission
	Distribution
	Communication
	SCADA
Other Services	Operation & Maintenance
	Manpower Supply
	Equipment Rental
	Logistics & Transportation

Some of Our Partners





Flagship Project

Client	STX
End User	Ministry of Electricity
Location	Missan
Name	Amara 500 MW GTPP
Scope	<ul style="list-style-type: none">— Site Preparation— Temporary Facilities— Civil Works— Mechanical Works— Electrical Works— Testing & Commissioning
Start Date	February 2013
Finish Date	November 2015



Flagship Project



Client	Ministry of Electricity (MoE)
End User	MoE
Location	Missan
Name	Buzurgan 120 MW GTPP
Scope	EPC (Turn-key)
Start Date	July 2011
Finish Date	February 2014



Flagship Project



Client	Ministry of Electricity (MoE)
End User	MoE
Location	Najaf
Name	Najaf 55.3 MW GTPP
Scope	Construction , Testing and Commissioning
Start Date	Sep 2011
Finish Date	Jan 2013



Flagship Project



Client	STX HI
End User	MoE
Location	Maysan
Name	Maysan 200 MW DG Power Plant
Scope	Construction ,Testing and Commissioning of 4 MW X 48 Unit Diesel engine set
Start Date	Nov 2011
Finish Date	June 2012



Flagship Project



Client	Siemens
End User	US Army Corps & Engineers
Location	Baiji
Name	Baiji Gas Power Plant Upgrade
Scope	Civil, Electrical & Mechanical services of two V94.3 Siemens turbines & completion of residual Civil Works
Start Date	
Finish Date	March 2005

**ODEBRECHT-AUSTIN JOINT VENTURE – CONTRACT
CENTCOM W912ER-04-D-0006 SUBCONTRACT CLOSE-OUT
FORM # OAJ-CEN-FRM-GEN-000**

**NOTICE OF SUBCONTRACT COMPLETION
UNDER ODEBRECHT-AUSTIN JOINT VENTURE
("OAJV")**

Date of Substantial Completion:

Unit #3: 23 March 2005

Unit #4: 23 March 2005

Owner: U.S. Army Corps of Engineers

Prime Contract #: W912ER-04-D-0006

Task Order #: TO 0002

Subcontractor Scope of Work:

Final erection and welding services of the mechanical systems of two V94.3 Siemens turbines and completion of residual civil works.

Project Title:

Baiji Gas power
Plant Maintenance
Upgrade

**Subcontract
No.:**

T01-SCT-BIL-0001

**Subcontract
Date:**

April 02, 2004

Subcontractor:

Albilal Construction
Company LTD
Al-Mansoor, 14th of
Ramadan St
Area No. 609 –
Street No. 18 –
House No. 45
Baghdad, Iraq

The Subcontract Work performed under the Subcontract Agreement has been inspected by authorized representatives of OAJV and Owner, and Subcontractor's scope of work is hereby accepted by OAJV and Owner, and declared to be substantially completed on the above date.

Pending items: Warranty and other obligations that survive substantial completion and final payment. Warranty period shall start on dates above written and last for 12 months after. This warranty is for new equipment that was supplied by the subcontractor (Albilal company), and be in accordance with Prime Contract and Subcontract Agreement terms and conditions.

Flagship Project



Client	CMS ENERJI A.S/ GE
End User	MOE
Location	Al- Diwaniyah, Iraq
Name	Diwaniyah 4 x GE Frame 9E
Scope	HFO Treatment Plant for Al-Diwaniyah Power Plant
Start Date	
Finish Date	Jan 2017





Power Distribution Capabilities

- ❑ Turnkey EPC offering for substations 33, 132, 400 KV and OHTL
- ❑ Fully qualified engineering staff trained by OEMs
- ❑ Experienced with AIS and GIS systems
- ❑ Full range of services :
 - Civil
 - Erection
 - Installation
 - Testing
 - Commissioning
 - Troubleshooting
 - Maintenance services

- ❑ **Constructed 72 substations during the last (10) years**
- ❑ Commissioning and testing equipment calibrated updated
- ❑ Tower assembly , construction , erection
- ❑ Construction, project management for underground cables



Power Distribution Experience



- ❑ **BWN 400/132/11 KV GIS Substation , Civil, Electro Mechanical for Baghdad West North – Alstom for MoE Dec 2015**
- ❑ **Al-Hamza, AFAK, AL-ROMAYTHAH, ALKHEDER , 132 KV /33KV GIS Substation (67NT) Hyosung/ MoE March 2014**
- ❑ **Al FAO 400/132/11 KV GIS Civil, Mech. Elec. Test and Commission , Basra , Alstom/ MoE Feb 2014**
- ❑ **West Qurna Field 2nd Phase Project Site Acceptance Test Work , 2013, Samsung**
- ❑ **Dabooni 132 kV AIS Substation Rehabilitation and extension. design, supply of equipment, civil works, installations, testing and commissioning. 2010 USACE , Wasit**
- ❑ **Farabi & Jamila 2 x 132 kV GIS Substations erection, installing, testing and Commissioning Baghdad 2010 Symbion**
- ❑ **Chamchamal 132 kV AIS Substation Construction including Civil works Sulaymaniyah 2008 MGI**
- ❑ **Basrah 5 x 132 kV AIS Substations Testing & Commissioning for 5 x 132 kV AIS Substations: 1- Qurna 2- Toba 3- Harbour 4- Garma 5- Hammar 2007 Symbion**
- ❑ **South Iraq 13 x 33/11 kV Substations Construction including Civil, erection, installation, testing & Commissioning at: 1- Al Mutanabi 2- Al Shamiya 3- Al Kheer 4- Al Rafae 5- Al Zuite 6- Al Missan Plastic 7- Al Sanaia 8- Al Ammara 9- Al Fajer 10- Al Aslah 11- Al Shatra 12- Al Majed 13- Al Romitha 5) Provinces Southern Iraq 2007 PCO-SGE**
- ❑ **Basrah CPS II 4 x 132 kV Substations Construction including Civil, erection, installation, testing & commission. Basrah Rumaila Oil Fields 2007 Siemens**
- ❑ **Al Musharah 33/11 kV Substation Construction including civil, erection, installation, testing & commissioning Omarah 2007 Firstar**
- ❑ **Diyala 400 kV GIS Substation Rehabilitation including Civil works, installing electrical equipment, testing and commissioning**
- ❑ **Electro-Mechanical Work for Nassariyah Drainage Pump Station Erection & Installation of 33/11 kV Substation and all the Electro-Mechanical works , 2007 WII / B&V**



Power Transmission Experience

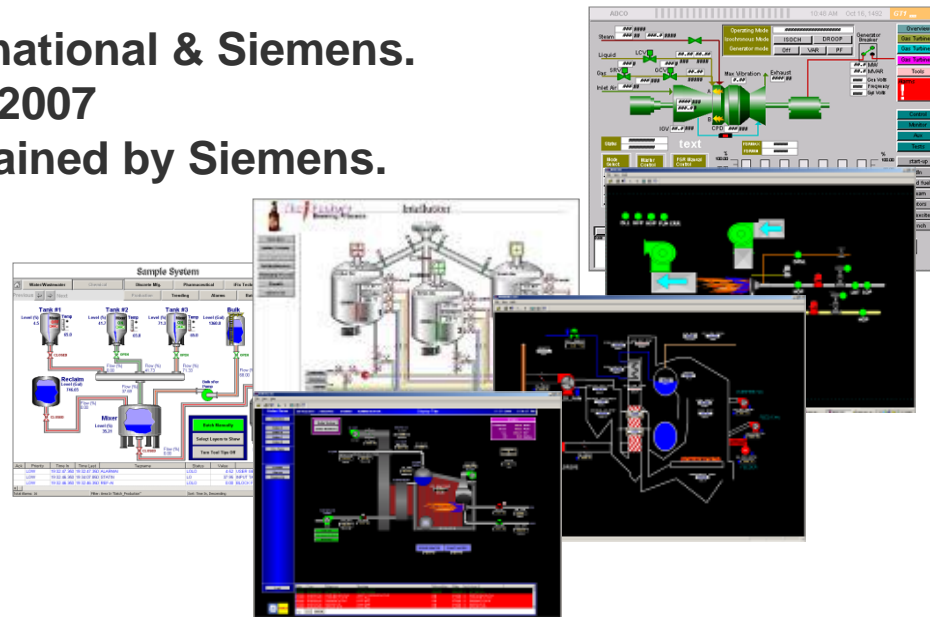
- ☐ **Babil – Karbala 132 kV Double Circuit Over Head Line Constructions including civil foundations, assemble, erection of towers and ASCR cable stringing. 2008 PCO/ USG**
- ☐ **Al Samawa 132 kV Over Line Engineering & design for 132 kV Towers. 2006 BWSC**
- ☐ **Wassit / Diyala 33 kV Under Ground Feeders Supply of cables , installation, testing and commissioning of feeders to (9) substations 2007 WII**
- ☐ **Al Basrokiyah 11 kV Over Head Line Replacement of electrical feeder overhead line between Al- Basrokiyah and Al Kut South including civil foundations, assemble, erection of towers, ASCR cable stringing, supply of poles and cables Wassit 2006 USACE- GRS**
- ☐ **Al Yabaniyah 11 kV Over Head Line Replacement electrical feeder overhead line between Al- Yabaniyah and Al Amarah Rd. including civil foundations, assemble, erection of towers, ASCR cable stringing, supply of poles and cables Wassit 2006 USACE- GRS**
- ☐ **Al Meegasis 11 kV Overhead Line Replacement electrical feeder overhead line 11 kV between Al Kut South and Al Meegasis civil foundations, assemble, erection of poles, ASCR cable stringing, supply of poles and cables Wassit 2006 USACE- GRS**
- ☐ **Al Ahrar 33 kV Over Head Line Constructions including design, civil foundations, assemble, erection of towers, ASCR cable stringing and supply of towers and cables Wassit 2006 WII**
- ☐ **El Ezza 33 kV Under Ground Feeder Supply of Cable, installation, testing and commissioning of Al-Ezza 2 x 33 kV Under Ground Feeders from Kut 132/33/11 kV SS to Al Izza 33/11 kV SS. Wassit 2005 JCC**
- ☐ **Al Basrah Canal 33 kV Overhead Line Assessment Basrah 2005 WII**
- ☐ **Abu Disheer 11 kV Under Ground Feeder Supply of Cable, install and test JCCI) / US Gov**



Communication and SCADA Capability

- ❑ **Siemens SCADA: NRCC / NDC Installation , Testing and Commissioning for SCADA Systems for North Region Control Center (NRCC) and SRCC National Dispatch Centers (NDC). North and Center of Iraq Apr 2007 WII**

- ❑ **Implemented the SCADA project for connecting 121 power plants and substations together including testing and commissioning**
 - All power plants and substations were connected to the national dispatch center.
 - Client: Washington International & Siemens.
 - Project completed April, 2007
 - AlBilal engineers were trained by Siemens.







Oil & Gas Capabilities

We entered into the O&G sector in 2012, and since then have undertaken and completed numerous strategic projects with internationally renowned clients.

Greenfield/ Brownfield EPC

Pipelines/ Flowlines

Pumping Stations

Gas Compression Stations

Processing Plants

Water Injection

Produced Water Treatment

Tank Farms

Temporary Facilities

Some of Our Partners



Independent NDT Services

Radiographic Test (RT)

Magnetic Test (MT)

Ultrasonic Test (UT)

Penetrant Test (PT)



Other Services

Operation & Maintenance

Commissioning

Manpower Supply

Equipment Rental

Logistics & Transportation

Flagship Project



Client	STX
End User	Eni
Oilfield	Zubair
Classification	Brownfield
Name	Modification of 3x Degassing Stations
Scope	— Site Preparation
	— Temporary Facilities
	— Civil Works
	— Mechanical Works
	— Piping works
	— Electrical Works
	— Instrumentation Works
	— Commissioning
Start Date	October 2012
Finish Date	May 2014





Degassing Modification Project



Constructed temporary facility



Fabrication of water storage tanks



Installation of dehydrators / desalters



Installation of metering skid



Produced Water Vessel Installation



Constructed export metering guard



Flagship Project

Client	Basra Gas Company (BGC)
End User	BGC
Oilfield	Zubair
Classification	Brownfield
Name	Zubair Temporary Compression Station
Scope	<ul style="list-style-type: none">— Site Preparation— Civil Works— Mechanical Works— Piping works— Electrical Works— Instrumentation Works
Start Date	May 2014
Finish Date	February 2015



Zubair Temporary Compression Project



Project team meeting



Cooler Erection



Off-plot pipe laying



Alignment and Leveling



Skid Installation



Pipe welding

Flagship Project



Client	Basra Gas Company (BGC)
End User	BGC
Oilfield	Qurainat
Classification	Greenfield / Brownfield
Name	Qurainat Temporary Compression Station
Scope	<ul style="list-style-type: none">— Site Preparation— Civil Works— Mechanical Works— Piping works— Electrical Works— Instrumentation Works
Start Date	Feb 2015
Finish Date	Dec 2015



Flagship Project



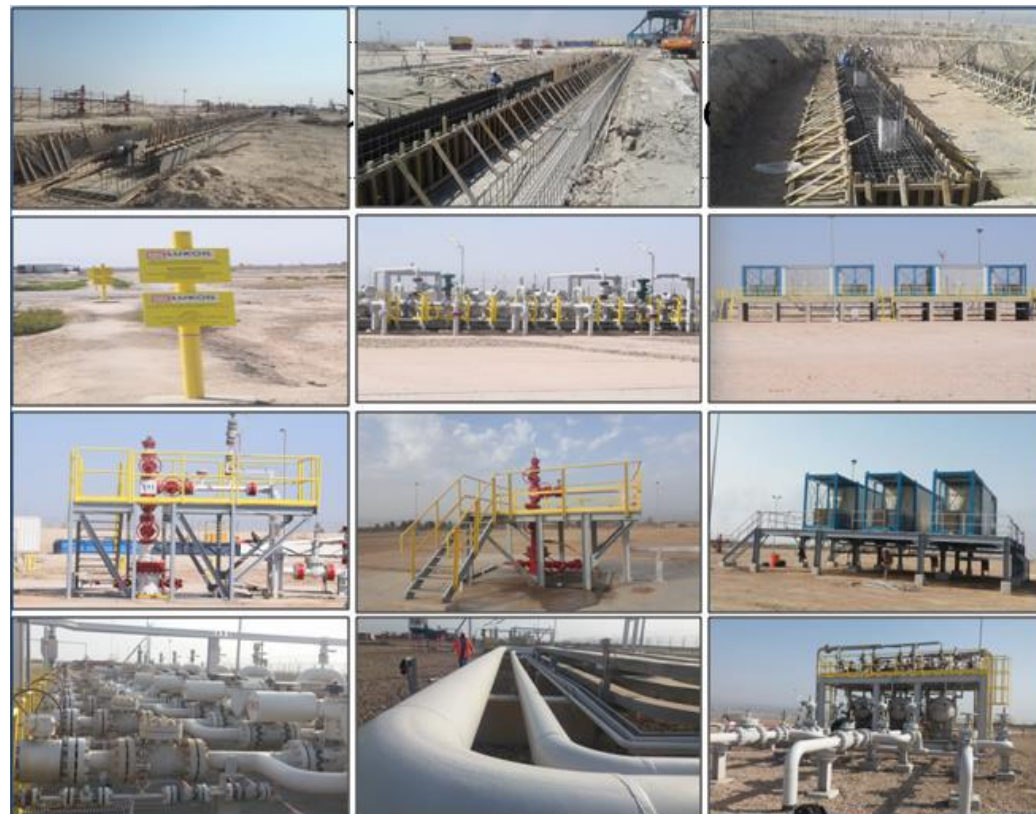
Client	Gazprom Neft Badra B.V
End User	Midland Oil Company
Oilfield	Badra, Wassit
Classification	Greenfield
Name	Engineering, Procurement and Construction (EPC) contract for Water Supply System from Fresh Water Wells to Central Processing Facility (CPF)
Scope	<ul style="list-style-type: none">— Detailed Engineering— Procurement— Construction of Civil, Structural, Mechanical, Piping, HDPE Pipeline, Electrical & Instrumentation Works.— Pre-Commissioning and Commissioning works
Start Date	29 May 2016
Finish Date	December 2017



Flagship Project



Client	Lukoil Middle East
End User	BOC (Basra Oil Company)
Oilfield	West Qurna – Phase 2
Classification	Brownfield
Name	Zubair North New Degassing Station Project
Scope	Construction Works For Damam Water Injection System a Follows:
	<ul style="list-style-type: none"> — Civil Works — Structural Works — Piping Fabrication & Erection — Electrical & Control System Installation — Oil Wells Hookups — Pre-Commissioning — Start-up & Operational Support
Start Date	August 2016
Finish Date	December 2018



Flagship Project



Client	SAMSUNG ENGINEERING
End User	Eni/Oxy/ Missan / Kogas
Oilfield	Zubair, Basrah, Iraq
Classification	Greenfield
Name	Zubair North New Degassing Station Project

Scope	— Substation Building Works including Civil, HVAC, Fire fighting, E&I Works
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Start Date	August 2015
Finish Date	Final Hand over Process is going on





Flagship Project

Client	Hyundai
End User	MOO
Location	Karbala
Name	Karbala Refinery Project
Scope	Civil Works (Inclusive of SGT 800 foundations)
Start Date	April 2015
Finish Date	Ongoing



Major Shutdown Experiences



Major Shutdown Experiences

No.	Client	Project Name	Scope of Work	Status	Schedule
1	Eni	Zubair Mishrif	11x tie-ins (crude oil)	Complete	On-time
2	Eni	Hammar Mishrif	11x tie-ins (crude oil)	Complete	On-time
3	Eni	22x Well Guard Filters	44x tie-ins (water injection)	Complete	On-time
4	Eni	3x Satellite Skids	6x tie-ins (water injection)	Complete	On-time
5	Basra Gas Co.	Zubair Temporary Compression	20x tie-ins (gas)	Complete	Extended by 2x days due to client modification request
6	Basra Gas Co.	North Rumaila Inlet Booster Compressor Station	11x tie-ins (gas) including connection to metering skids	Complete	Completed in 9 days\ BGC schedule 12 days
7	Basra Gas Co.	Zubair Mishrif Degassing Station ZM.S	5x tie-ins (gas)	Complete	On-time\one day as per BGC schedule
8	Basra Gas Co.	Degassing Station 3	4x tie-ins (H2S gas)	Complete	On-time\two days as per BGC schedule
9	Basra Gas Co.	Compressor Station 3	Replace 3x PSVs + flange management	Complete	On-time\two days less than BGC schedule one day
10	Basra Gas Co.	Qurainat Temporary Compressor	4x tie-ins (gas)	Complete	On-time\ two days less than BGC schedule one day
11	Basra Gas Co.	North Rumaila NGL	Replace 2x spools for cooler (H2S)	Scheduled for Dec. 10 th , 2015	On-time \three days BGC requested add one day for new modification
12	Basra Gas Co.	Qurainat Degassing Station	Replace PSVs + valves, flange management, rehab all instrument tubes**	Scheduled for Dec. 10 th , 2015	On-time\two days as per BGC schedule
13	Basra Gas Co.	South Gas Company	Inlet and outlet metering, 2x tie-ins (gas) 10 meters above ground	Scheduled for Dec. 12 th , 2015	On time
14	Basra Gas Co.	7x locations inside of ROO (i.e. Rafidiva, Qurainat, Markaziya, DS 2, CS 2)			Completed on time



Water Capabilities

AlBilal Group is currently positioned to undertake major Sanitary & Storm water projects that require the application of high-tech construction method and equipment such as Horizontal Directional Boring (HDD), Pipe Jacking, and micro tunneling.

Major Water Projects Completed:

- Nassariyah Drainage Pump Station
- Euphrates East Drain (EED)
- Musaib Water Treatment Plant
- Water Treatment Plants for 3 Hospitals in Baghdad
- Kut-Butaira Reclamation Project



Flagship Project

AlBilal Group was the civil sub- contractor (foundations, pump station, industrial service water building, etc) to Washington Group International for construction of the Nassiriyah Drainage Pump Station, the largest drainage pump station in the Middle East with a peak capacity of 200 m³/per second.





Civil/ Infrastructure Capabilities

Being at the forefront of Iraq's reconstruction efforts, we have developed the capacity to take on medium to large scale civil projects both locally and internationally.

Industrial Facilities

Commercial Buildings

Hotels & Resorts

5 Star Radisson Blu Hotel (250 guest rooms) in Alexandria, Egypt

Residential Complexes

Police Stations

Temporary Facilities

Flagship Project



Solar Power Project Capabilities



RENEWABLE ENERGY POWER PROJECT (SOLAR IPP), ARENA – 20MW IN BENBAN, EGYPT (ALBILAL's SPV in EGYPT)





Workshops

Al Bilal Group currently owns and operates 2x workshops strategically located in the South of Iraq to support IOC activities:

- 1x workshop is located in Zubair (10,000 m²)
- 1x newly built workshop in North Rumaila / Artawi capable of undertaking major works (25,000 m²)

15,000 sq meter for lay down area

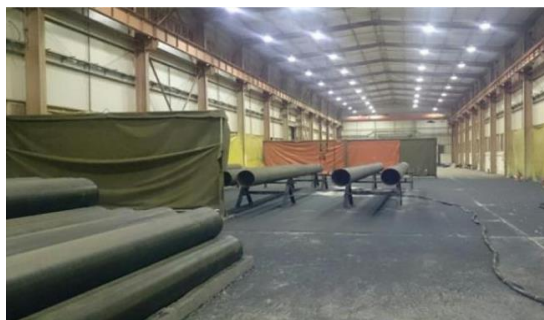
Accommodation and life support for 180 persons (expandable to 420)

Fabrication yard (Indoor work shop of 125 meter x 18 meter)

Offices, conference rooms and meeting facilities

Fully equipped workshops established to support ongoing in-country projects

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Workshop Capabilities

Our workshops are capable of prefabrication , welding , assembly and storage yards

Below highlights some of the functions conducted inside our facilities:

Major pipe fabrication including 60 inch diameter	Full welding capabilities	Skid assembly	Fabricating steel plates for tanks
Plasma cutting machine for pipeline construction	Beveling machines	Equipment Maintenance operation	Large laydown area for subcontractor use
Structural Steel Fabrication	Sandblasting, Primer & Painting Facilities		

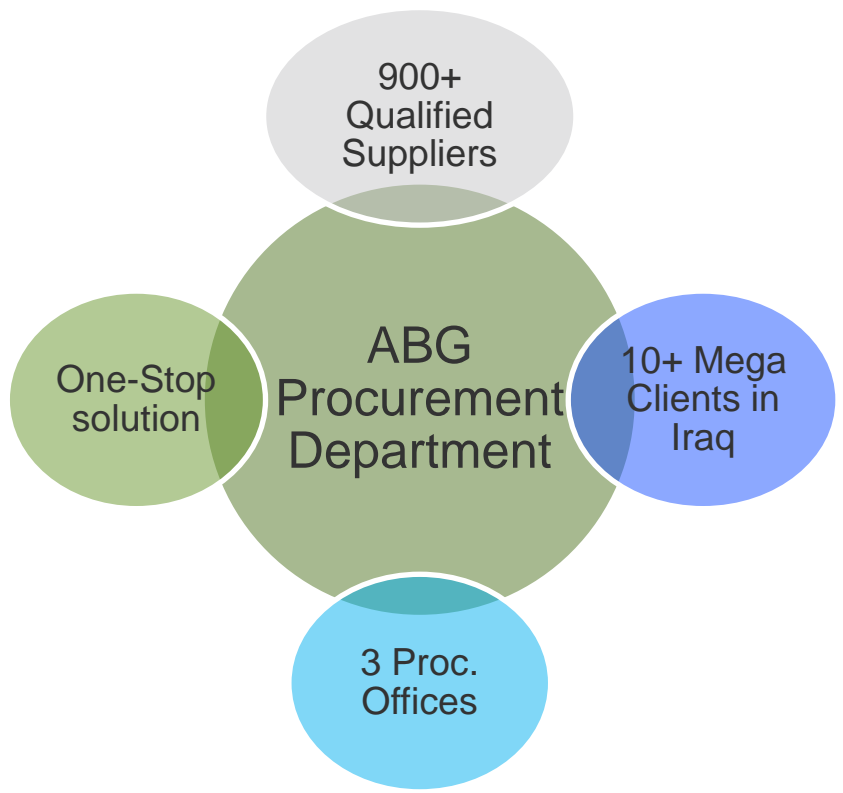




Procurement Capabilities

Goals and Objectives

Purchasing materials and services at the lowest total cost possible while ensuring the required quality levels and meeting the needs of internal and external customers through our experienced staff located in the 3 offices (Iraq, UAE and Jordan) with 900+ qualified suppliers.





Procurement Capabilities

Types of Procured Materials

Strong capabilities to procure different types of materials in the Mechanical, Electrical, Instrument & Control scopes with a wide range of suppliers across the world

Mechanical

- Gas Turbines
- Diesel Generators
- Chemical injection packages / Skids
- Water Treatment Packages
- Pumps
- Valves
- Piping and pipeline material
- Steel Structure
- Tanks (Plates)
- Firefighting & Sprinkler Systems
- Pig launcher / receiver
- Flare & Ignition System
- HVAC systems

Electrical

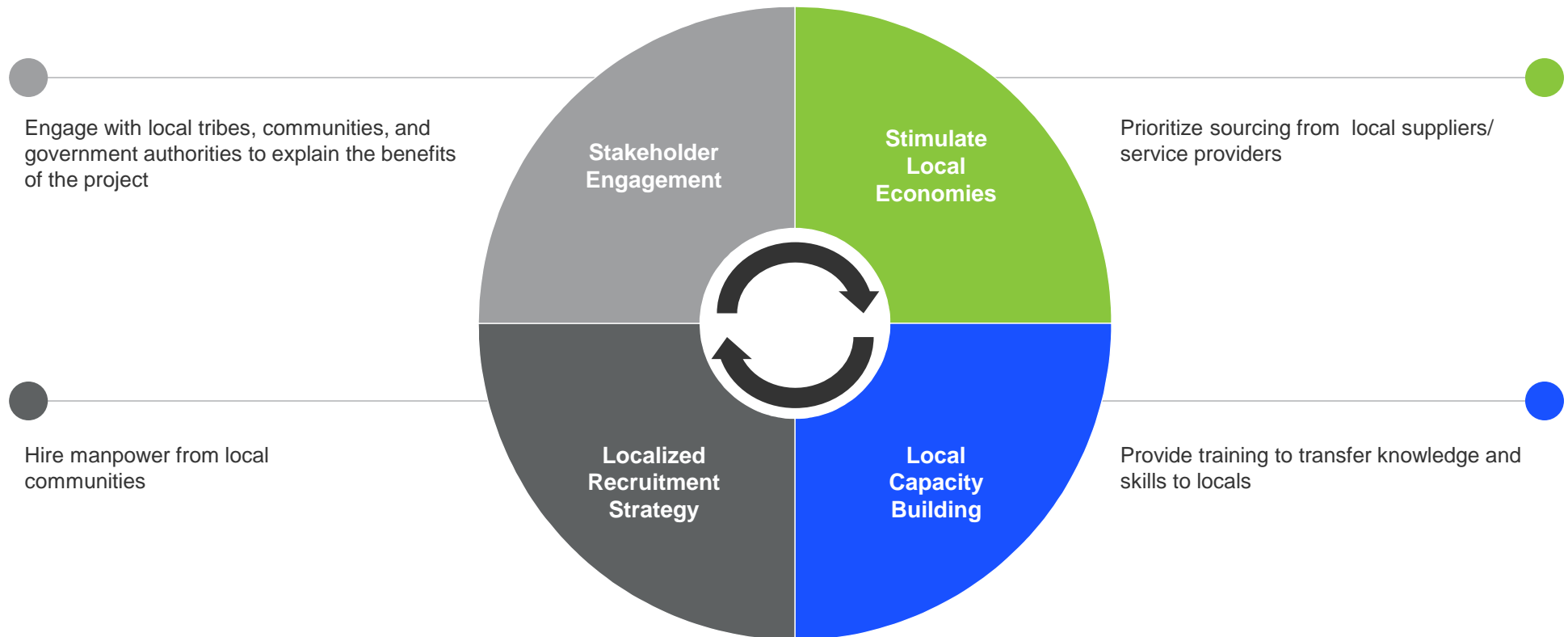
- Sub Stations
- Transformers
- GCBs
- MCC
- AC/DC UPS system
- Cables – LV, MV and HV
- OHTL
- Power Distribution Boards
- LV and MV Switchgears
- Fiber Optic Panels
- Lighting Panels & Fixtures
- Power Management System/ EMCS

Instrument & Control

- Mobile Sub Stations
- Actuated & Control Valves
- Scada System
- Thermal & Safety Relief Valves
- Instrument Fittings & Tubing
- Field instruments, Gauges & Transmitters (pressure, temperature & flow)
- Instrument & control Cables & Accessories / Bulk Material
- Instrumentation shelter From Schneider
- Fiber optic cables
- DCS/ICCS Systems
- ACS/Security System including CCTVs, TETRA Radios etc.



Our strategy to operational success





Our Advantages

“Local execution, international performance”

Manpower Asset

Highly qualified skilled/semi skilled local manpower base

Technical staff trained by OEMs (i.e. BGC ,GE oil & Gas , GE, Alstom, Areva)

Key staff have previous employment experience in MoO, MoE, etc.



Physical Assets

Own a large inventory of construction equipment and machinery

Own a large inventory of speciality tools and equipment (i.e. NDT, Shutdowns)

Strategically positioned workshops to support project execution



Capabilities

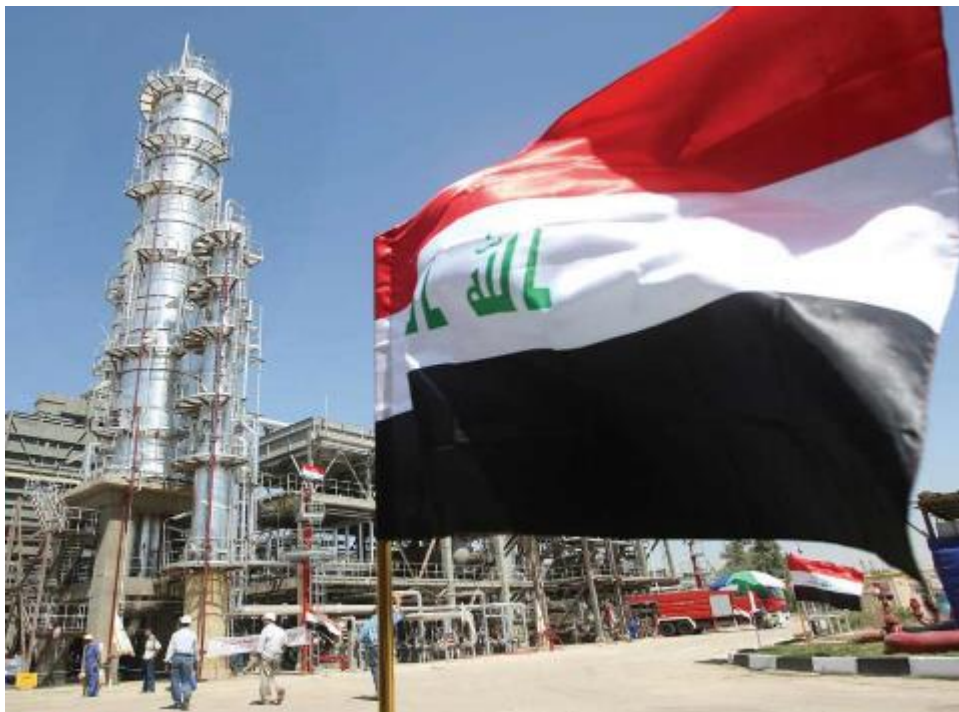
Extensive track-record and project delivery in Iraq

Working at international standards (i.e. ISO, WPS/PQR, HSE, QA/QC)

Qualified service provider to OEMs (i.e. GE oil & Gas , BGC , Alstom, Siemens)



The End



*“Working collaboratively with international partners
to help the country in its reconstruction effort”*