



Building as Literature...
EXIST. SIDE PATH (LOCATION APPROX.)

**AL-TAFAWEQ Co. LTD
(ATCO)**

Our Presence

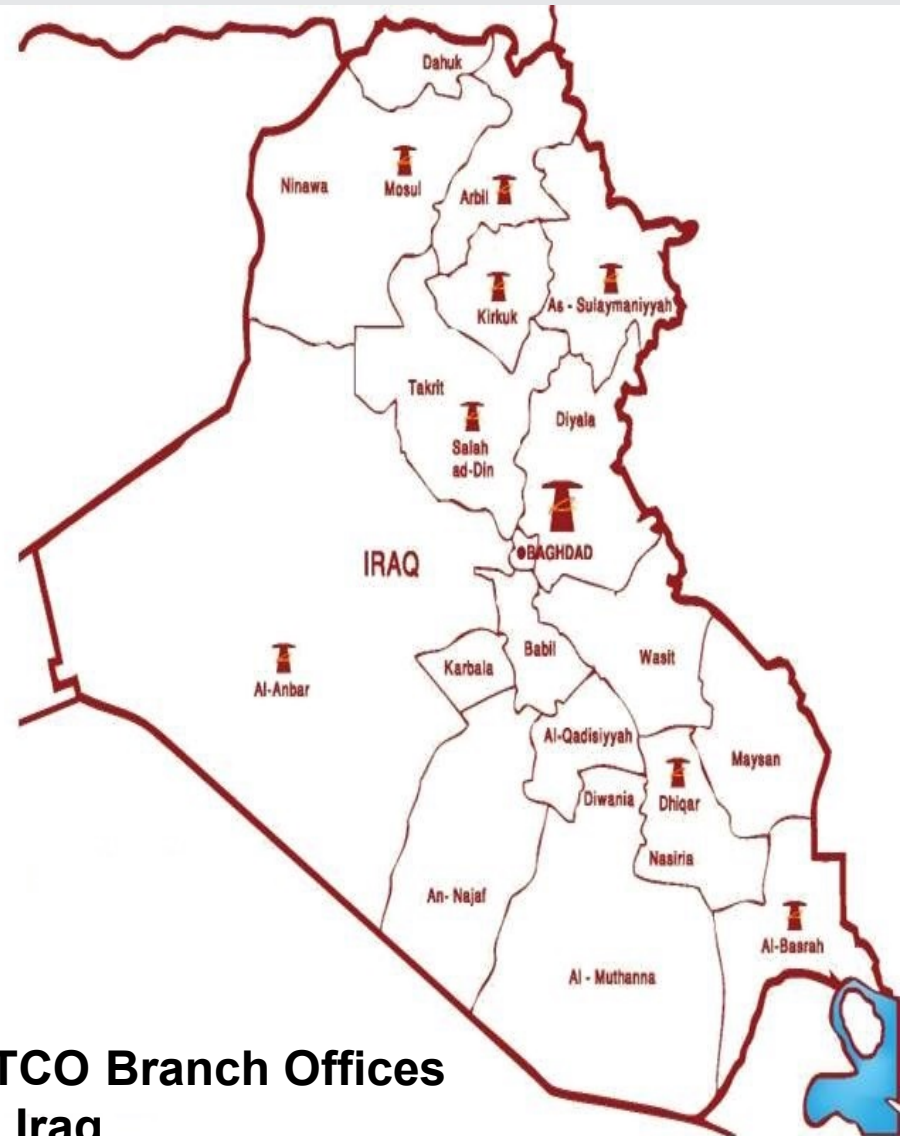
Main Registered Office:

Ameerat Street,
Al Mansour,
Baghdad Iraq

Tel +964 7705 381761

www.altafaweq.com

E mail: info@altafaweq.com



**ATCO Branch Offices
in Iraq**

Our Contact Persons in Iraq and Overseas

Sr. No.	Office Location	Person In Charge	Designation	Contact Details
1	Garraf, Thi-qar, Iraq	Rafea Mahmood Abbo	Director Projects	+964 770 3967662 +964 750 3610034 rafeabbo@altafaweq.com
2	Al-Mansoor, Baghdad, Iraq.	Emad Fouad Mohammed	Public Relation Officer	+964 770 4283538 +964 790 2555732 emad.fouad@altafaweq.com
3	Basra, Iraq	Ahmed Majid	Public Relation Officer	+964 782 8074291 ahmed.majed@altafaweq.com
4	Kurdistan Region (KRG) Iraq	Khalil Ziad Qadir	Office Engineer	+964 750 4150194 khalil.eng@altafaweq.com
5	Dubai, United Arab Emirates	Ahmed Nadeem Mohsin	Deputy General Manager	Dubai: +971 50 6351300 nadeem.ahmed@altafaweq.com

Brief Company Profile

ATCO was established in 2002.

ATCO : Construction of civil, mechanical, piping, pipeline and E&I works and EPCC Projects.

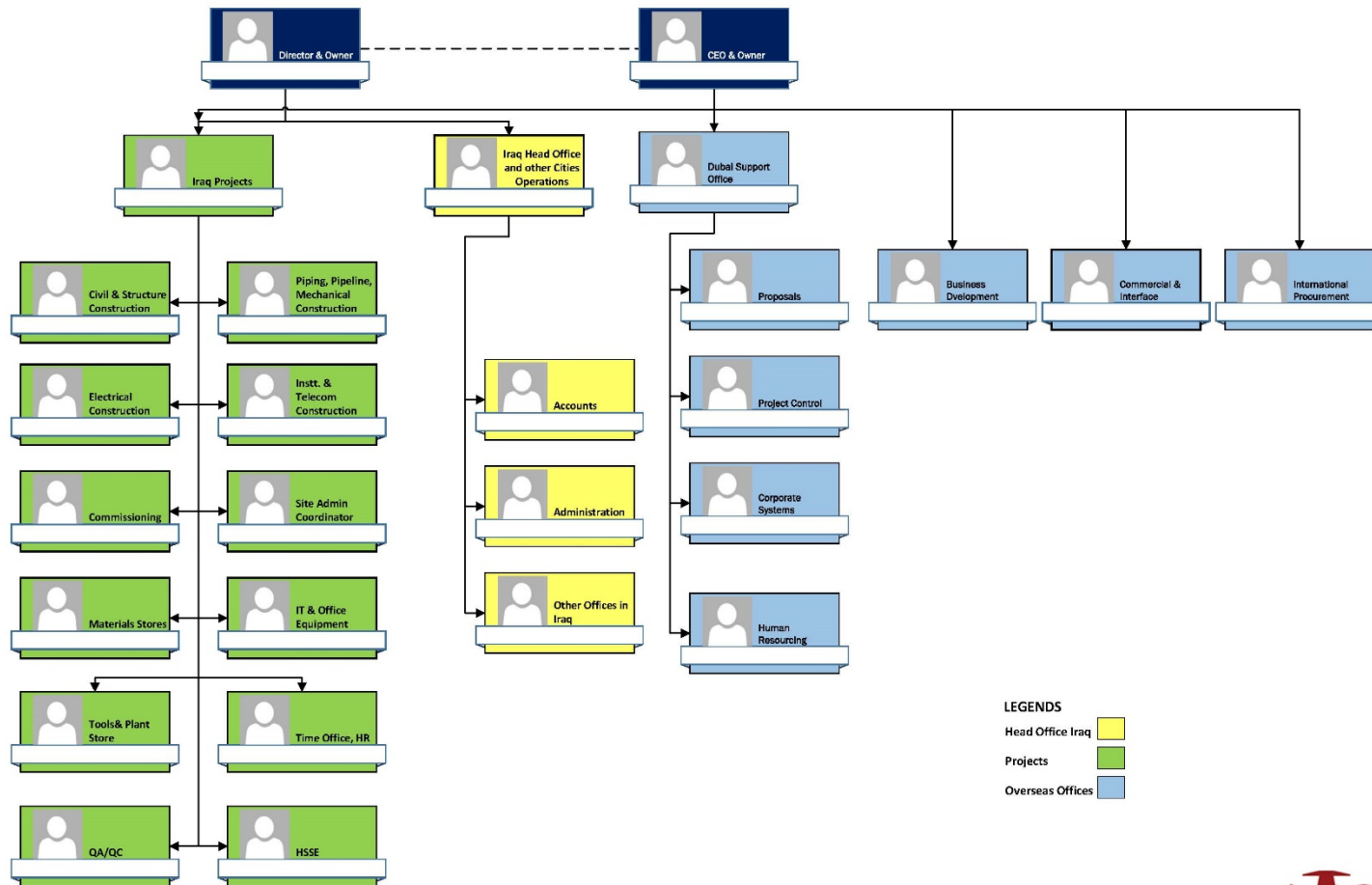
Working in Infrastructure, Oil & Gas, Power Generation, Water Treatment, Community Services' Buildings.

Extensive experience in establishing site camps for residential purposes as well as fully working offices for our Clients.

Being a local Company gave us an edge over our competitors by managing the site facilities and issues related to the local communities.

Our Corporate Structure

AL TAFEWEQ COMPANY FOR GENERAL CONTRACTS LTD. CORPORATE ORGANIZATION STRUCTURE



Our Mission

- Adhering to the Highest Standards of Ethics.
- Completing the Job within Time and Continually Striving to Improve the Performance.
- Achieving the Challenging Targets without Lost Time Injuries.

Our Vision

- Whatever Good Things We Build, End Up Building Us.
- Be Responsive, Reasonable, Reliable, Responsible.
- Anticipate Clients' Needs, Deliver on Time & Honor the Commitment.
- Be an Integral Part to Clients' Success.

Our Values

- | | |
|--|--|
| <input type="checkbox"/> Safety: | Zero Accidents are Our Unwavering Goal |
| <input type="checkbox"/> Ethics: | Honesty and Fairness. |
| <input type="checkbox"/> Mutual Respect : | Encourage Openness |
| <input type="checkbox"/> Excellence: | Set High Standards |
| <input type="checkbox"/> Sustainability: | We Plan and Build for the Future |

Our Policies

ATCO have established and implemented its own QHSE polices: HSE Polices : QA/QC Polices

Al-Farooq Co. LTD. STOP WORK POLICY

CONSTRUCTION is a complex job to do. It's full of risks and demands. The Construction should always be safe and healthy. It's a complex job to do. It's full of risks and demands. The Construction should always be safe and healthy.

STOP WORK POLICY is a policy that allows the employees to stop work if they see a safety hazard or a quality issue. It's a policy that allows the employees to stop work if they see a safety hazard or a quality issue.

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Al-Farooq Co. LTD. DRUG AND ALCOHOL POLICY

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Al-Farooq Co. LTD. INDUSTRIAL RELATIONS POLICY

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AIMS AND OBJECTIVES

- Provide a safe and harmonious working environment which is conducive to keeping our workers secure and achieving our operational goals.
- Comply with all applicable industrial laws, regulations, statutory obligations, award, agreements and National and State codes of practice and guidelines.
- Monitor industrial relations performance and activities of subcontractors and suppliers and maintain effective communication with them, while respecting their rights to have their own industrial relations policies and arrangements.
- Identify and improve the skills of workers to enable them to work efficiently in a constantly changing environment and to access to reach their maximum potential.
- Accept that the property held interest of our clients always prevails, and that accordingly it is the client who will ultimately determine what industrial relations arrangements.

Al-Farooq Co. LTD. QUALITY POLICY, OBJECTIVE AND COMMITMENT

QUALITY POLICY, OBJECTIVE AND COMMITMENT is a policy that outlines the company's commitment to quality. It's a policy that outlines the company's commitment to quality.

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Al-Farooq Co. LTD. ENVIRONMENTAL OBJECTIVE

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Al-Farooq Co. LTD. HEALTH, SAFETY AND ENVIRONMENT POLICY

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RESOURCES

- Human Resources
- Financial Resources
- Material Resources
- Information Resources
- Technological Resources
- Environmental Resources
- Community Resources
- Government Resources
- Industry Resources
- Academic Resources
- Professional Resources
- Media Resources
- Public Resources
- Non-Profit Resources
- Voluntary Resources
- Unions Resources
- Suppliers Resources
- Customers Resources
- Competitors Resources
- Regulatory Resources
- Research Resources
- Development Resources
- Innovation Resources
- Entrepreneur Resources
- Investor Resources
- Lender Resources
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- Investor Resources
- Lender Resources

Al-Farooq Co. LTD. RESPONSIBILITIES

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Signature:

Position: Chief Executive Officer

Date: 25 February 2015

Al-Farooq Co. LTD. Contact Information:

Al-Farooq Co. LTD. | Al-Farooq Building, Block 2
 Tower 1, Office 414, 10th Floor
 10th Floor, Block 2, Al-Farooq Building, Block 2
 10th Floor, Block 2, Al-Farooq Building, Block 2
 10th Floor, Block 2, Al-Farooq Building, Block 2

WWW.altafaweq.com

Al-Farooq Co. LTD. QUALITY POLICY, OBJECTIVE AND COMMITMENT

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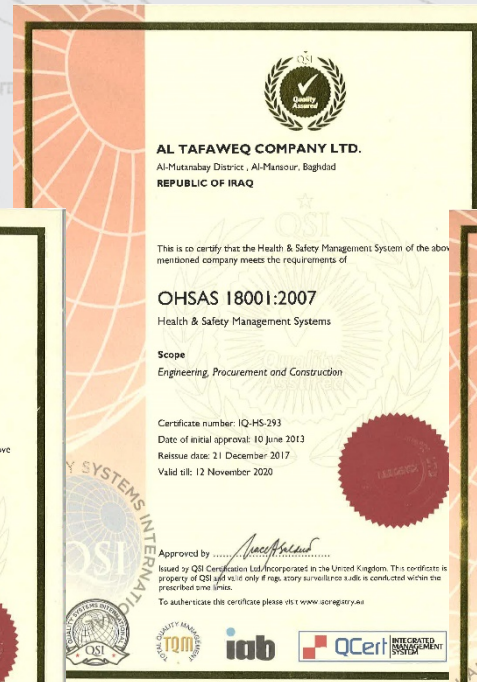
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Professional Certifications

ATCO is one of the first local Iraqi Contractors to have achieved the ISO certifications 9001:2015, 14001:2004, 18001:2007, 22301:2012



Business Areas we focus on

Oil & Gas

**Water
Treatment and
Distribution**

**Power
Generation &
Med. Voltage
Distribution**

**Waste Water
Treatment**

**Roads /
Infrastructure**

Our Capabilities

Engineering



Procurement



Construction



Commissioning



Operation & Maintenance



Transportation



Logistics

Our Capabilities Civil:

Site Clearance

Site Surveys / Topography / Soil Investigations

Earth Works, RCC Foundations

Road works, Construction A-Z

Buildings Construction, Land Scaping

Establishing and ONM of Site Facilities

Demining and UXO Removals

Our Capabilities Mechanical:

Fabrication / Erection of Piping (Steel, FRP, HDPE)

Fabrication / Laying of Pipe Line (Steel, HDPE)

Fabrication / Erection of Storage Tanks

Fabrication / Erection of Steel Structure

Equipment Erection

Our Capabilities Electrical & Instrumentation :

Erection of Panels, Control & Instrumentation Packages, Electrical Equipment, Field Instruments

Power Substations: HV, MV and LV

Control Room, DCS, SIS, CIS, PLC

Installation of Overhead Transmission Lines

Power and Control Cable Laying

FOC Laying

Tubing

Resources – Human Resources (Permanent)

Engineers: 17

Supervisors: 12

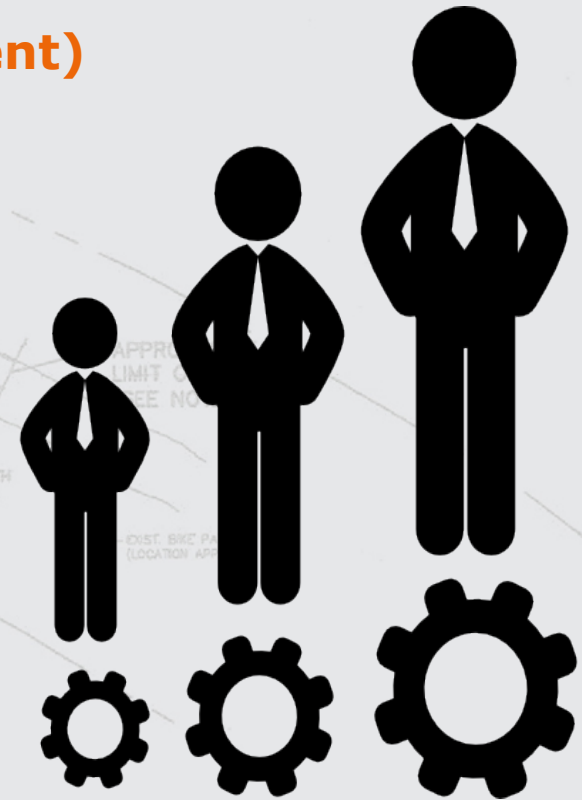
Support Staff: 12

Skilled Staff: 62

Semi Skilled: 75

Unskilled Staff : 33

Total: 211



Note : In addition to above, Project based hiring is done as and when required

Resources – Construction Equipment, Tools and Plant

Sr #	Equipment	Quantity	Sr #	Equipment	Quantity
1	Asphalt Plant with Production Capacity (120 ton/hr)	1	19	Open Warehouse	3000 M ²
2	Mix Center Batch Plant with Production Capacity (80 m ³ /hr)	1	20	Closed Warehouse	1500 M ²
3	Bulldozer D9 Caterpillar	1	21	Electrical Welding Machines(Dab)	6
4	Front Wheel Loader Kawasaki	4	22	Diesel Generator Set Perkins 250 KVA	3
5	Grader Caterpillar G12	2	23	Diesel Generator Set Volvo 150 KVA	2
6	Excavator Hitachi 08	3	24	Horizontal Boring Machine (Casagrandi)	1
7	Dump Truck Mercedes Benz	8	25	Skid pipe Bending Machine	2
8	Compactor Sheep Feet Sakai	2	26	X-Ray Device	1
9	Compactors Steel Roller Sakai	2	27	Ultra Sound Device	1
10	Compactors Tire Roller Sakai	2	28	Tractor(Ferguson)	5
11	Asphalt Pavement Machine (finishers) Hose	1	29	Fuel Tanker(Volvo)	2
12	Crane Tadano with (30 ton) Capacity	1	30	High Pressure Pump (Atlas)	2
13	Winch Lift with 1 ton Capacity	1	31	Air Compressor(Atlas Copco)	5
14	Loader Trailer with 50 ton Capacity	2	32	Construct Steel Tanks Tools	3
15	Services Car as a Pickup and Minibus	10	33	Hydraulic Clamps 24"+16"+10"	12
16	Side boom Caterpillar D8	4	34	Steel Containers	10
17	Mobile Crane Tadano 20 Ton	2	35	Mobile Caravans	10
18	Diesel Welding Machines (Lincoln)	10	36	Dewatering Well Point System	4

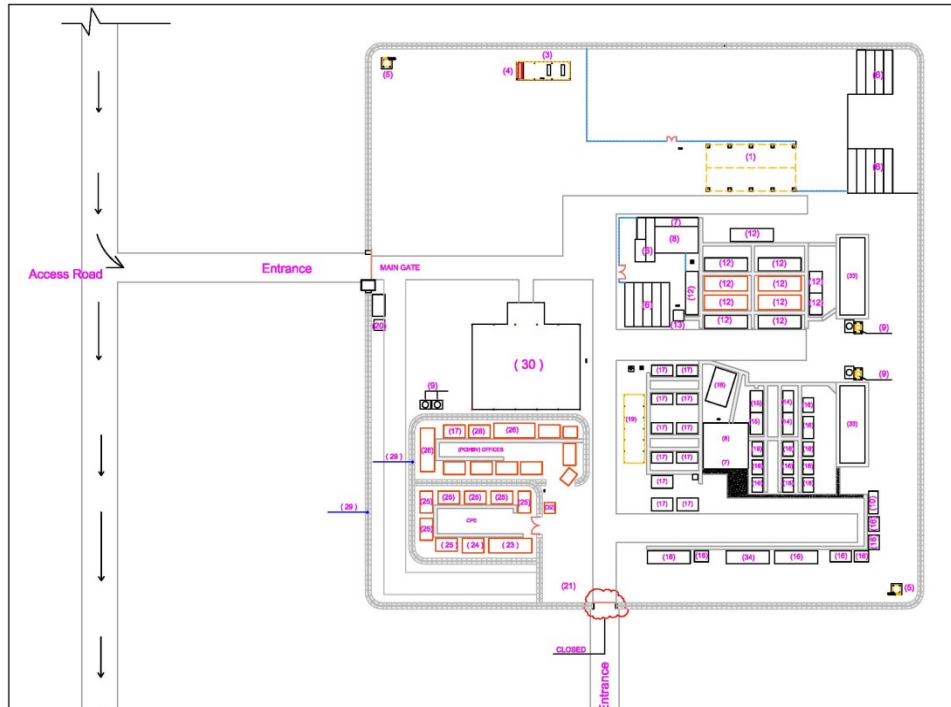
Note : In addition to owned equipment and tools ATCO can arrange on very short notice other tools and plants utilizing local resources

Resources – Site Office and Camp in Garraf



Resources – Site Office and Camp in Garraf



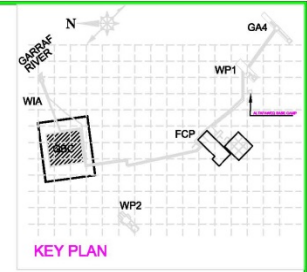


NOTES:-

- 1- ALL DIMENSIONS ARE IN METERS
- 2- FOR LOCATION, REFER TO KEY PLAN

LEGENDS:

- 1- WORKSHOP
- 2- DIRT CONTAINER
- 3- GENERATORS
- 4- FUEL TANKS
- 5- GUARD TOWER
- 6- WAREHOUSES
- 7- KITCHEN
- 8- DEFAC.
- 9- WATER TANK
- 10- TOILETS
- 11- BATH ROOMS
- 12- LABOR BED ROOMS
- 13- MEDICAL TREATMENT FACILITY
- 14- PROJECT MANAGER BED ROOM
- 15- ACCOUNTS SECTION
- 16- ENGINEER'S BED ROOMS
- 17- OFFICES
- 18- MOSQUE
- 19- STAFF GARAGE
- 20- GUARD HOUSE



KEY PLAN



Achievements

1 - Achievement of **6,000,000 safe man-hours**:

ATCO successfully achieved 6,000,000 safe-man hours at Garraf Operations as of June-2018.

2 - Best Local Contractor

ATCO successfully was awarded Best Local Contractor Certificate from PCIHBV, over the past years.



Achievements

3 - First Oil –in at Garraf Oil Filed:

ATCO completed the EPCC Project for PCIHBV to achieve First Oil –in at Garraf Oil Filed .



Achievements

4 – Part of Team which achieved **10 Million LTI Free Man Hours**

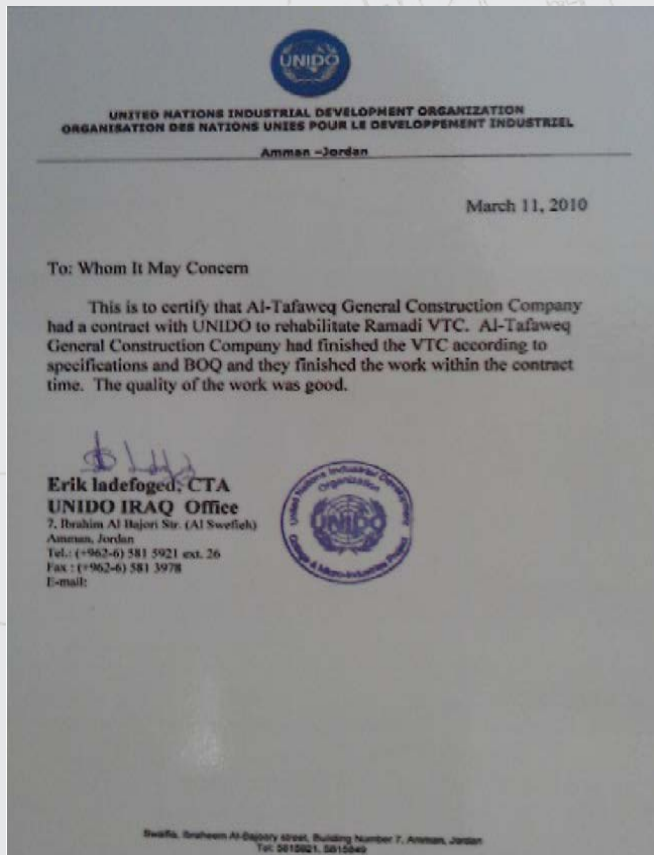
ATCO achieved Award in November 2014 for Contributing in 10,000,000 LTI Free Man Hours at PCIH BV Garraf Field.



Client Appreciations

**UNIDO
Work Completion
Certificate 2010**

**Parsons
Good Performance
Certificate from 2011**



Client Appreciations

**Saipem 0847675 - West Qurna -
Civil Works
Certificate of Achievement HSE**

**Saipem Sajer West Qurna
Civil Works
Certificate of Best Safety and Quality**



Client Appreciations

UNDP Supply of Transformers 2017 Certificate of Compliance with Standard and Delivery



PCIHBV Best Performing Contractor Certificate



Community Services and Awareness Campaigns

Safe Driving Awareness on various dates:

ATCO Conducted with the full support of PCIHBV HSE Team & Management, the Safe Driving Awareness Sessions to enhance drivers awareness and maintain there safety and well being.



Community Services and Awareness Campaigns

Educating Kids for Safety awareness:

ATCO held with the support of PCIHBV. HSE Awareness to educate school children about the hazards of construction sites near their schools and houses.



Community Services and Awareness Campaigns

Environmental day (Earth Green Day)

ATCO conducts Earth Day Awareness on April 20-26 every year to educate people and share best practices to conserve our Environment.



Become The Difference You Want To See

Become The Difference You Want To See

Community Services and Awareness Campaigns

Contribution to local community football team:

ATCO supported Al Bo Ali Village Football team to promote healthy competition among locals.



ATCO is entrusted with the Confidence of:



The background of the slide is a faded architectural drawing of a road or bridge structure. It shows various lines, curves, and hatched areas representing different materials or sections. Text labels like 'PROP. COLL. CONC. WALL', 'PROP. BOLLARDS (SEE SHEET 3 FOR DETAIL)', 'OF PAVEMENT', 'PROP. EDGE CURB CONCRETE (SEE OTHERS SHEET)', 'SMALL (NON APPROX.)', 'PROP. EDGE PAVEMENT', and 'PROP. CONC.' are visible in the drawing.

**Following slides are for the Major Completed and On
Going Projects.**

**For complete list of the Projects and further details,
please go to our website:**

www.altafaweq.com

Our Track Record: List of Major Projects in Oil & Gas (2010-2017)

SR.#	Company	Project Description & Scope of Work	Client	Country	Value (in US Dollars)
1	Al Tafaweq	Engineering, Procurement, Construction and Commissioning of Base Camp with all facilities to accommodate 100 persons	Petronas Carigali Iraq B.V	IRAQ	2,000,000
2	Al Tafaweq	Provision of Engineering, procurement , Construction for alternate road via GA5 to FCP/WP2, Iraq.	Petronas Carigali Iraq B.V	IRAQ	1,960,000
3	Al Tafaweq & SPEC	Engineering, Procurement, Construction and Commissioning of FCP Offsite Well Cluster 1 Facilities.	Petronas Carigali Iraq B.V	IRAQ	18,760,911
4	Al Tafaweq	Provision for Supply and Installation Security Cabins and Operations and Maintenance for	Petronas Carigali Iraq B.V	IRAQ	655,000
	Notes:-	For more detail please visit our site and find the projects completed in at this link : http://www.altafaweq.com			

Our Track Record: List of Major Projects in Oil & Gas (2010-2017)

SR.#	Company	Project Description & Scope of Work	Client	Country	Value (in US Dollars)
7	Al Tafaweq & CPE	Provision of Engineering, Procurement, Construction And Completion (EPC) of Early Civil Works Phase 1 For Petronas Carigali Iraq Holding B.V., Garraf Operations	Petronas Carigali Iraq B.V	IRAQ	65,700,662
8	Al Tafaweq & CPE	Provision of Engineering, Procurement, Construction And Commissioning (EPCC) for Expansion of Offsite 1 (GA-1, GA-4) & Offsite 2 (WP-B)	Petronas Carigali Iraq B.V	IRAQ	17,456,012
9	Al Tafaweq	Provision Of Civil works for ISBL contract.	Saipem (Sajer Iraq)	Iraq	2,236,146
10	Al Tafaweq & CPE	Provision of Engineering, Procurement, Construction And Completion (EPC) of Early Civil Works Phase 1 For Petronas Carigali Iraq Holding B.V., Garraf Operations	Petronas Carigali Iraq B.V	IRAQ	16,161,924
	Notes:-	For more detail please visit our site and find the projects completed in at this link : http://www.altafaweq.com			

Our Track Record: List of Major Projects in Oil & Gas (2010-2017)

SR.#	Company	Project Description & Scope of Work	Client	Country	Value (in US Dollars)
11	Al Tafaweq	Provision of Fabrication, Installation, Execution and Commissioning of Well tie ins and other Construction Services for Petronas Carigali Iraq Holding B.V, Garraf Operations	Petronas Carigali Iraq B.V	IRAQ	Service Contract
12	Al Tafaweq	Provision Of Engineering, Procurement, Construction And Commissioning (EPCC) Of Garraf Central Control Building (GCCB) for Petronas Carigali Iraq Holding B.V.	Petronas Carigali Iraq B.V	IRAQ	10,250,000
13	Al Tafaweq	Civil Construction of EPCC Project of Oil Gathering Facilities (PCIHBV OGF-3) for HBP	HBP	IRAQ	9,010,000
14	Al Tafaweq	Mechanical & Piping Construction of EPCC Project of Oil Gathering Facilities (PCIHBV OGF-3) for HBP	HBP	IRAQ	5,100,000
15	Al Tafaweq EPPM	EPCC OF OIL GATHERING PHASE 4	PCIHBV	IRAQ	68,720,000
	Note:	For more details & complete list of Projects, please visit our site : http://www.altafaweq.com			

Our Track Record: Electrical Projects

SR.#	Company	Project Description & Scope of Work	Client	Country	Value (in US Dollars)
1	JV Contractor	Provision of Construction, Installation & Wiring of High Voltage Transmission Line (400kV) Baiji- Kirkuk	General Directorate for the Transfer of Electric Power - Northern Region	IRAQ	3,218,852
2	JV Contractor	Supply & Installation of Mobile Substation (33/11kV) with Capacity 25 Mega for 5 Districts in Salahuddin Province	Salahuddin Province Contracts Department	IRAQ	13,229,508
3	Al Tafaweq	Provision and supply of electrical materials for the rehabilitation and Maintenance of Fallujah, Habbaniyah, Hit Electricity and Saada-Krablah-Rummaneh	Anbar Province Technical Affairs	IRAQ	1,287,137
4	Al Tafaweq	Installation of 400/132/11kV GIS Al Ameen Substation Al Ameen - Baghdad.	ETP / MOE	IRAQ	800,000
5	Al Tafaweq	Installation of 400/132/11kV GIS Al Rasheed Substation Al Rasheed - Baghdad	Al Noor Company	IRAQ	700,000
	Note:	For more details & complete list of Projects, please visit our site : http://www.altafaweq.com			

Our Track Record: Electrical Projects

SR.#	Company	Project Description & Scope of Work	Client	Country	Value (in US Dollars)
6	Al Tafaweq	Installation of 400/132/11kV AIS Al Basrah Super Grid Substation	ATOM Company	IRAQ	3,800,000
7	Al Tafaweq	Installation, Testing and Commissioning of 132/11kV GIS Al Rusafa Substation WTP Rusafa - Baghdad	ATOM Company	IRAQ	950,000
8	Al Tafaweq	Civil Works & Equipment Installation, Testing and Commissioning of 132/33kV GIS New Bab Al Zubair Substation Saad Sq. – Basrah	ATOM Company	IRAQ	7,150,000
9	Al Tafaweq	Civil Works & Equipment Installation, Testing and Commissioning of 132/33kV GIS Al Acadimya Substation Alacadimya – Basrah	ATOM Company	IRAQ	7,450,000
Note:		For more details & complete list of Projects, please visit our site : http://www.altafaweq.com			

THANK YOU FOR TAKING THE TIME TO SEE OUR COMPANY



Construction Works For EPCC of FCP Well Cluster 1 Facilities
Client: Petronas Carigali Iraq Holding B.V.
Project: PCIG/2010/DD/022



Details of Major Projects Year 2010 onwards

Project No. 01

EPCC of FCP Offsite Well Cluster Garraf for PCIHBV

Construction and pre-commissioning of API5L trunk line of Crude Oil 18" and flow line 10"

Construction and pre-commissioning of HDPE pipe line for River Water having diameter 4" and 8" along with the intake station

Civil Works for equipment foundations, Drain channel and pit.

Equipment installation including PIG Launcher, PIG Receiver, Dosing Packages, Electrical Equipment.

Details of Major Projects Year 2010 onwards

Project No. 01

EPCC of FCP Offsite Well Cluster Garraf for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 01

EPCC of FCP Offsite Well Cluster Garraf for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 01

EPCC of FCP Offsite Well Cluster Garraf for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 01

EPCC of FCP Offsite Well Cluster Garraf for PCIHBV

THE HISTORY IN MAKING – FIRST OIL IN AT GARRAF FIELD

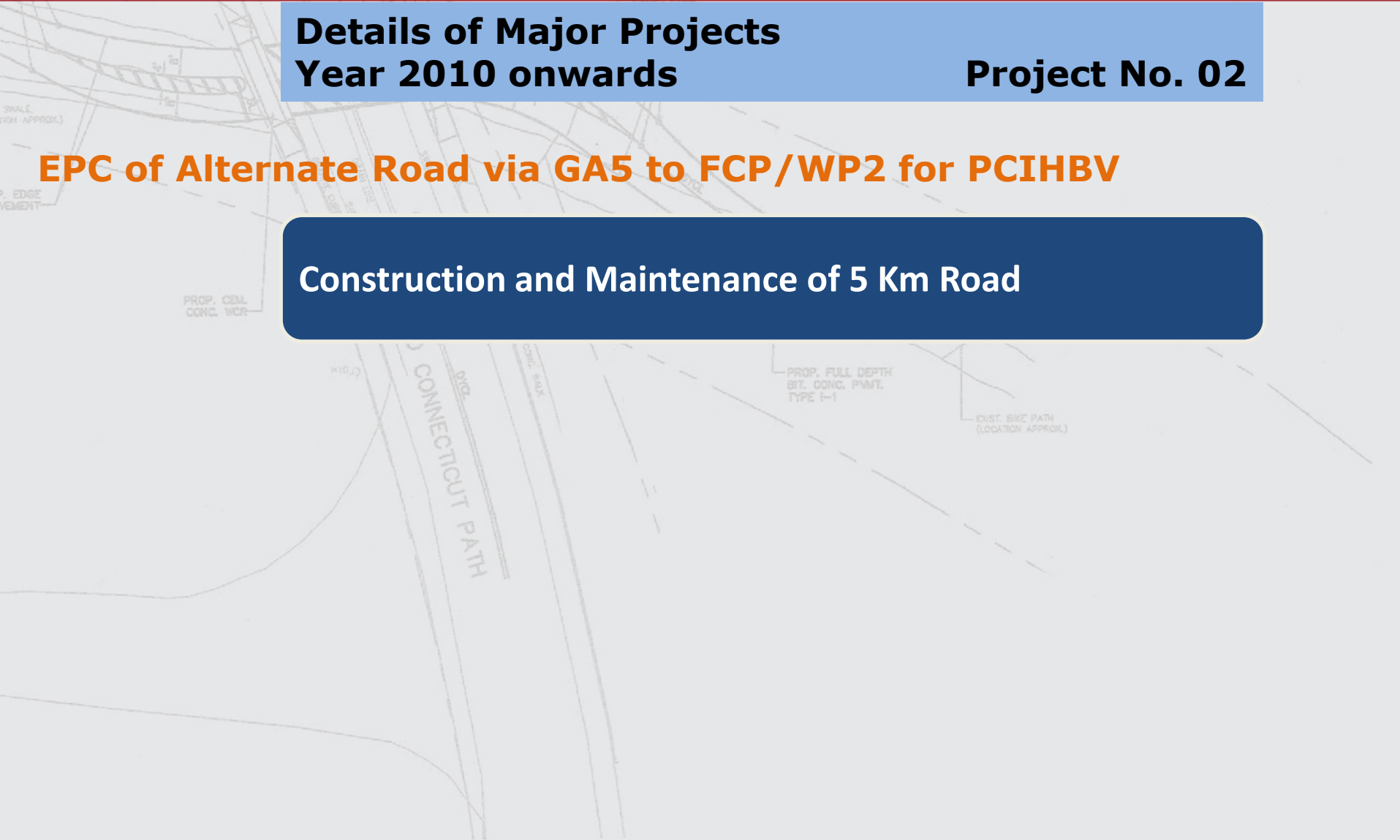


**Details of Major Projects
Year 2010 onwards**

Project No. 02

EPC of Alternate Road via GA5 to FCP/WP2 for PCIHBV

Construction and Maintenance of 5 Km Road



Details of Major Projects Year 2010 onwards

Project No. 02

EPC of Alternate Road via GA5 to FCP/WP2 for PCIHBV



**Details of Major Projects
Year 2010 onwards**

Project No. 02

EPC of Alternate Road via GA5 to FCP/WP2 for PCIHBV



**Details of Major Projects
Year 2010 onwards**

Project No. 03

ISBL Water Injection System (M095) DS-7 General Civil Works - West Qurna-I for Saipem Iraq

Excavation, Backfilling, Compaction etc. 3,500 cuM

Supply & Installation of 3,600 sqM of Geotextile

Supply & Installation of 25 ton Steel Structure and 65 Ton Rebar

Details of Major Projects Year 2010 onwards

Project No. 04

Provision of EPC and Completion (EPC) of Early Civil Works Phase 1 for PCIHBV.

40,000 Engineering Man Hours
and 1,900,000 Site Man Hours

06 nos. Well Pads (A, B, C, D, E & F), GSCC (1000mx200m), Water Injection, Power Plant and Flare Expansion Area, Well Pad C, D, E & F has 28 well cellars each ($28 \times 4 = 112$) with Rig Pads

Transportation, Backfilling and Compaction of 1 Million cuM Ordinary Soil & Sub Base Type C Material

Details of Major Projects Year 2010 onwards

Project No. 04

Provision of EPC and Completion (EPC) of Early Civil Works Phase 1 for PCIHBV.

Supply of 3,000 Tons Rebar, approx. 10,000 tons different types of cement and 12,000 T-Walls

25.4 kM Road and 45,720 Ton Asphalt

11.5 kM Chain Link Fence

Details of Major Projects Year 2010 onwards

Project No. 04

Provision of EPC and Completion (EPC) of Early Civil Works Phase 1 for PCIHBV.



Details of Major Projects Year 2010 onwards

Project No. 04

Provision of EPC and Completion (EPC) of Early Civil Works Phase 1 for PCIHBV.



Details of Major Projects Year 2010 onwards

Project No. 05

Provision of EPCC for Expansion of Offsite 1 GA-1, GA-4 & Offsite 2 (WP-B) for PCIHBV.

40,000 Engineering Man Hours and 1,200,000 Site Man Hours

Total 12 Well Pads

Fabrication and Installation of 15 ton Steel Structure
Installation of 35 tons of Equipment

Total 25,00 Welding Dia inch
Laying of 10 km FOC

Details of Major Projects Year 2010 onwards

Project No. 05

Provision of EPCC for Expansion of Offsite 1 GA-1, GA-4 & Offsite 2 (WP-B) for PCIHBV.



Details of Major Projects Year 2010 onwards

Project No. 05

Provision of EPCC for Expansion of Offsite 1 GA-1, GA-4 & Offsite 2 (WP-B) for PCIHBV.



Details of Major Projects Year 2010 onwards

Project No. 05

Provision of EPCC for Expansion of Offsite 1 GA-1, GA-4 & Offsite 2 (WP-B) for PCIHBV.



Details of Major Projects Year 2010 onwards

Project No. 05

Provision of EPCC for Expansion of Offsite 1 GA-1, GA-4 & Offsite 2 (WP-B) for PCIHBV.



Details of Major Projects Year 2010 onwards

Project No. 06

Provision of EPC and Completion (EPC) of Early Civil Works Phase 2 for, Garraf Operations for PCIHBV.

20,000 Engineering Mhr and 1,000,000 Site Mhr

10 nos of work areas in various places

Transportation, Backfilling and Compaction of 10 Million cuM Ordinary Soil & Sub Base Type C Material, with an average daily output of 30,000 cuM earth works

6.4 kM Asphalt Road

2.5 kM Chain Link and barbed wire

Details of Major Projects Year 2010 onwards

Project No. 06

Provision of EPC and Completion (EPC) of Early Civil Works Phase 2 for, Garraf Operations for PCIHBV.



Details of Major Projects Year 2010 onwards

Project No. 06

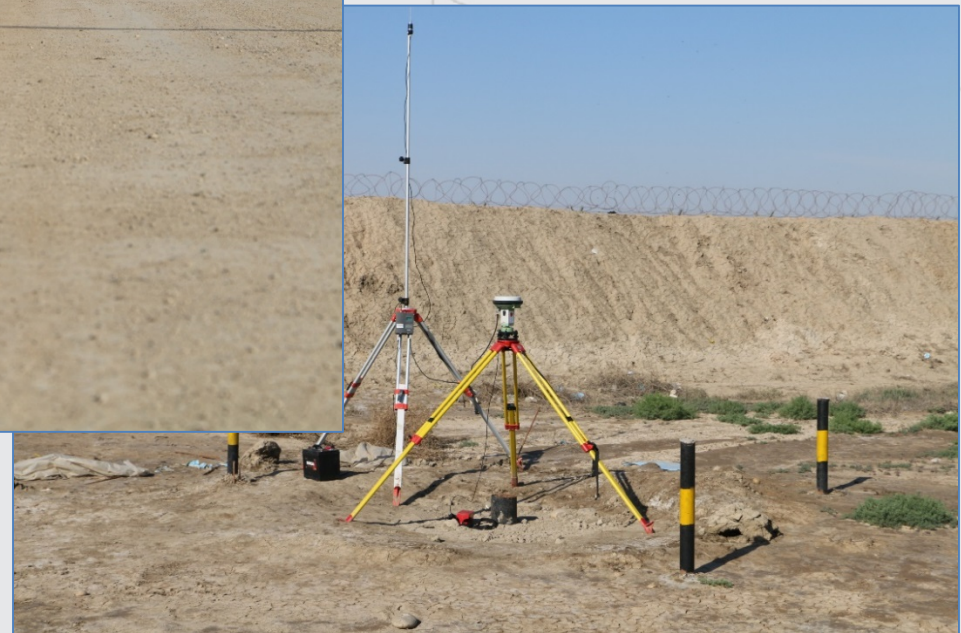
Provision of EPC and Completion (EPC) of Early Civil Works Phase 2 for, Garraf Operations for PCIHBV.



Details of Major Projects Year 2010 onwards

Project No. 06

Provision of EPC and Completion (EPC) of Early Civil Works Phase 2 for, Garraf Operations for PCIHBV.



Details of Major Projects Year 2010 onwards

Project No. 06

Provision of EPC and Completion (EPC) of Early Civil Works Phase 2 for, Garraf Operations for PCIHBV.



**Project Completed Ahead of
Schedule by One Month**



Details of Major Projects Year 2010 onwards

Project No. 07

Provision of Fabrication, Installation, Execution & Comm. of Well Tie-ins and other Const. Services for PCIHBV.

Tie-ins execution from, wellhead to last joint in sub-trench (final spool)

Tie-ins execution from wellhead to last isolation valve

Installation and testing of fire and gas devices system

Testing and commissioning and start up services at Wellpad

Provision and execution of other construction works

Provision of construction services for EPS interconnection piping and associated works

Details of Major Projects Year 2010 onwards

Project No. 07

Provision of Fabrication, Installation, Execution & Comm. of Well Tie-ins and other Const. Services for PCIHBV.



Details of Major Projects Year 2010 onwards

Project No. 07

Provision of Fabrication, Installation, Execution & Comm. of Well Tie-ins and other Const. Services for PCIHBV.



APPROXIMATE
LIMIT OF WORK
(SEE NOTE 1)

EXIST. BIKE PATH
(LOCATION APPROX.)

PROP. CONC.
CONC. WCR

HYD.

Details of Major Projects Year 2010 onwards

Project No. 07

Provision of Fabrication, Installation, Execution & Comm. of Well Tie-ins and other Const. Services for PCIHBV.



**Details of Major Projects
Year 2010 onwards**

Project No. 08

EPCC of Garraf Central Control Building GCCB for PCIHBV

30,000 Engineering Mhr and 600,000 Site Mhr

Total Plot Plan Area= 14,000 sq. m, Total covered area for building=3,552 sq. m, Total Landscaping area=5,000 sq. m, Fence & Road around the building = 500m, Storm water drainage 300m, Covered Car parking 25 nos.

Honeywell DCS/SIS/FGS System (including 600 graphics, 165 I/O, 3 nos. Orion Consoles, 10 cabinets), ACS, PAGA, CCTV, VHF, Weather monitoring system and FOC

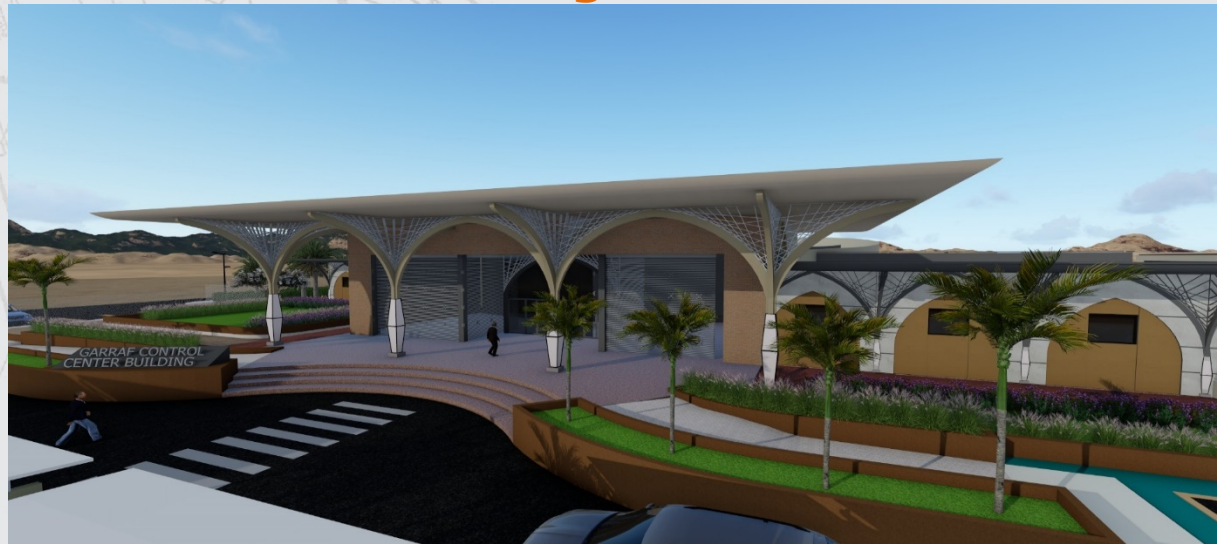
Electrical works including Substation, Switchgear, Transformer 1.6KVA, EGD 425 KVA, UPS & Accessories

Fire Detection & Alarm System, HVAC Package 150 tons.

Details of Major Projects Year 2010 onwards

Project No. 08

EPCC of Garraf Central Control Building GCCB for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 08

EPCC of Garraf Central Control Building GCCB for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 08

EPCC of Garraf Central Control Building GCCB for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 08

EPCC of Garraf Central Control Building GCCB for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 08

EPCC of Garraf Central Control Building GCCB for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 08

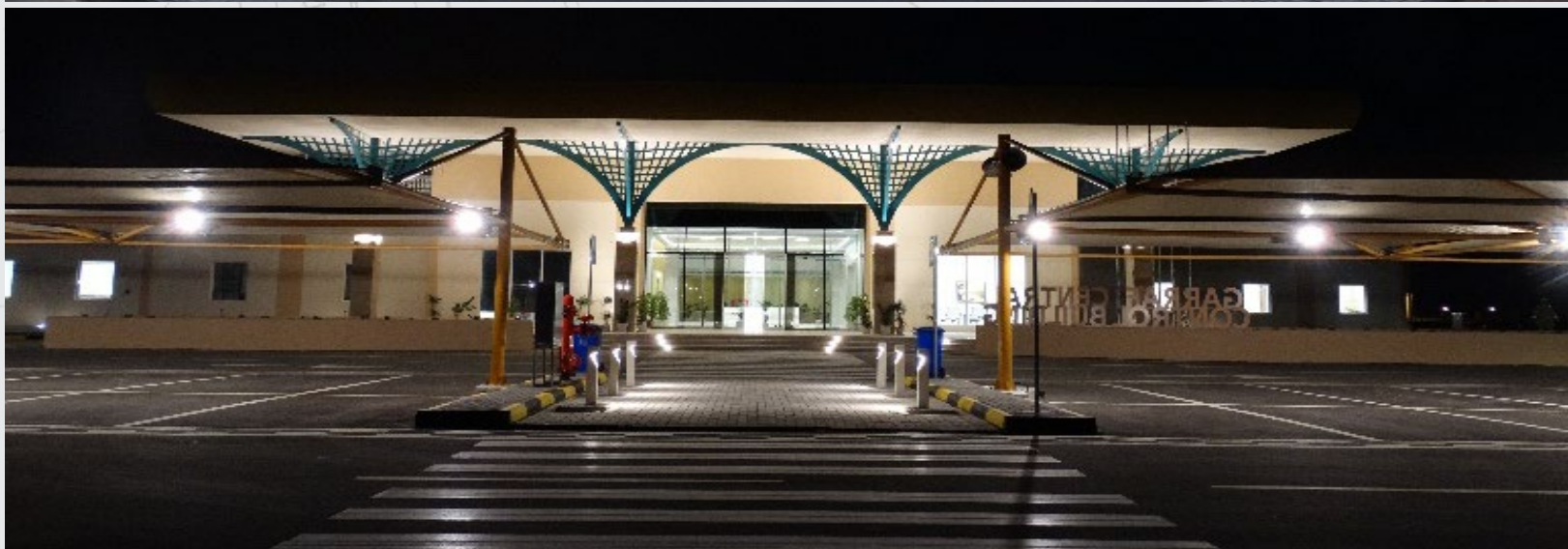
EPCC of Garraf Central Control Building GCCB for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 08

EPCC of Garraf Central Control Building GCCB for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 08

EPCC of Garraf Central Control Building GCCB for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 08

EPCC of Garraf Central Control Building GCCB for PCIHBV



Details of Major Projects Year 2010 onwards

Project No. 09

Supply & Installation of Mobile Substation (33/11kV) with Capacity 25 Mega for 5 Districts in Salahuddin Province

Provision of supply transformers & accessories (33kv/11kv) type ABB

For areas (Al-Bou A`jail, Al-Dour, Yathrib, Al-Sinia, Sharqat, & Tikrit)

ATCO Role : JV Contractor with Qaser Al Aadeer Co.

Estimated Man Hours Consumed 14400

Details of Major Projects Year 2010 onwards

Project No. 09

Supply & Installation of Mobile Substation (33/11kV) with Capacity 25 Mega for 5 Districts in Salahuddin Province



Details of Major Projects Year 2010 onwards

Project No. 10

Installation of 400/132/11kVAIS Al Basrah Super Grid Substation

Install 400/132/11KV 83MVA Single Auto Transformers 4 Sets & Shunt reactor 1set.

Install 400KV circuit breaker 18 sets & 132KV CB 24 Sets

Install 400KV Disconnectors 51 sets & 132 KV DS 68 sets.

Install 400 KV Current transformer 24 sets & 132 KV CT 26 sets.

Install 400 KV Voltage transformer 14 sets & 132 Kv VT 24 sets.

Install Steel structure about 680 tons .

Details of Major Projects Year 2010 onwards

Project No. 10

Installation of 400/132/11kVAIS Al Basrah Super Grid Substation



Details of Major Projects Year 2010 onwards

Project No. 10

Civil Works & Equipment Installation, Testing and Commissioning of 132/33kV GIS New Bab Al Zubair Substation Saad Sq. – Basrah

Excavation 8500 m³ & Backfilling 4500 m³

Reinforced Concrete about 2500 m³

Install 132/33 Kv 63 MVA Three power transformers

Install 132 KV GIS 10 Bays & 33 KV GIS 25 Bays.

Install all Out door Equipments (surge arrester ,Voltage transformers ,Wave traps,.....,etc)

Laying and termination 1*400 mm² ,Medium voltage cables about 2700 meters.
& Low voltage cables about 16000 meters.

Testing & Commissioning .

Details of Major Projects Year 2010 onwards

Project No. 10

Civil Works & Equipment Installation, Testing and Commissioning of 132/33kV GIS New Bab Al Zubair Substation Saad Sq. – Basrah



Details of Major Projects Year 2010 onwards

Project No. 11

Civil Works & Equipment Installation, Testing and Commissioning of 132/33kV GIS Al Acadimya Substation Alacadimya – Basrah

Excavation 6500 m3 & Backfilling 3500 m3

Reinforced Concrete about 2380 m3

Install 132/33 Kv 63 MVA Three power transformers.

Install 132 KV GIS 10 Bays & 33 KV GIS 25 Bays.

Install all Out door Equipments (surge arrester ,Voltage transformers ,Wave traps,.....,etc)

Laying and termination 1*400 mm² ,Medium voltage cables about 2700 meters & Low voltage cables about 16000 meters.

Testing & Commissioning .

Details of Major Projects Year 2010 onwards

Project No. 11

Civil Works & Equipment Installation, Testing and Commissioning of 132/33kV GIS Al Acadimya Substation Alacadimya – Basrah



Details of Major Projects Year 2010 onwards

Project No. 12

Provision & Installation of Electrical Networks With Transformers for Low Tension in Four Districts.

Overhead aluminum Conductors and transformers for low tension

Provision and installation of 250 kv a. 400 kv a and 600 kva Transformers

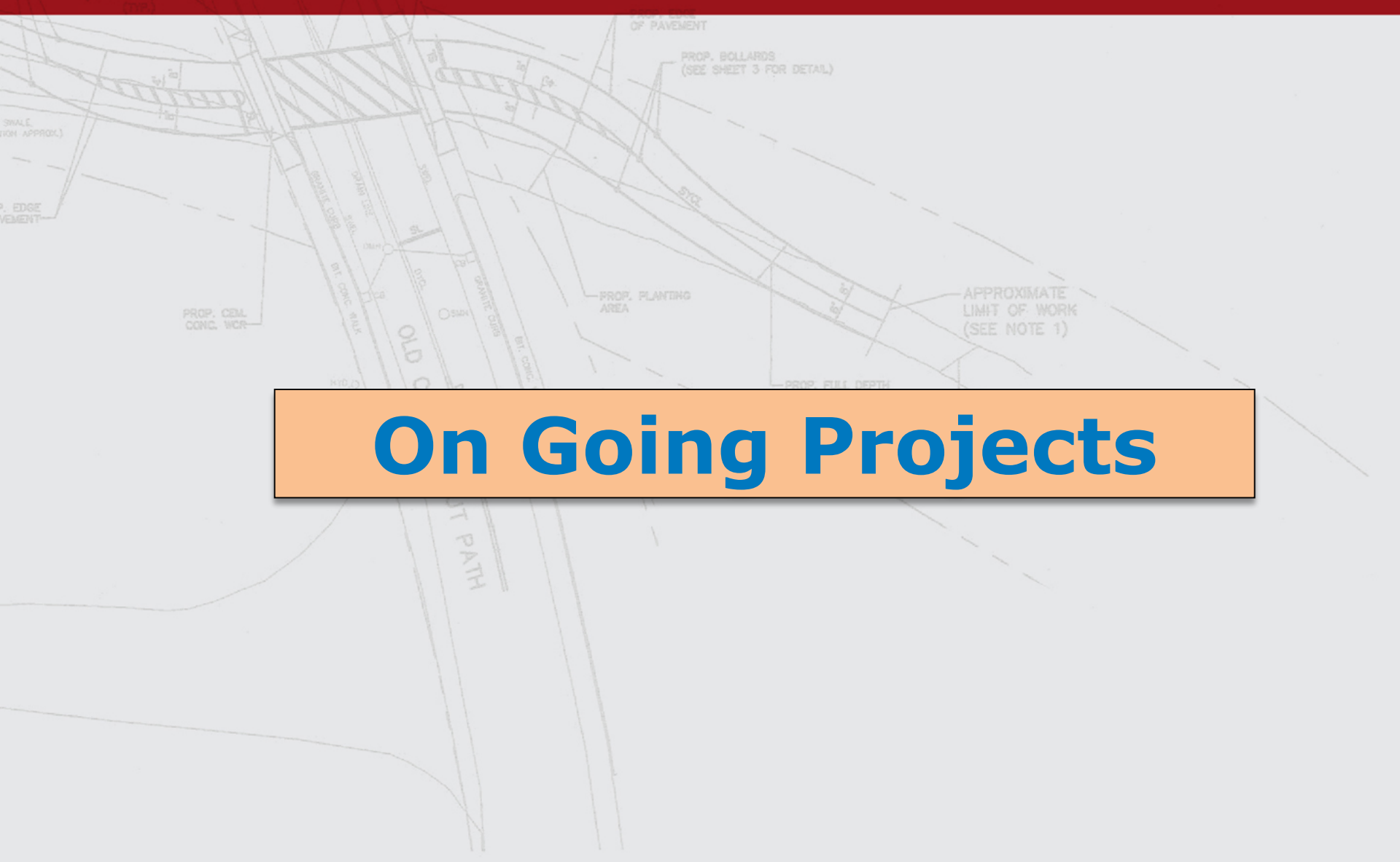
Approximately 20,000 Man-hours

Details of Major Projects Year 2010 onwards

Project No. 12

Provision & Installation of Electrical Networks With Transformers for Low Tension in Four Districts.





On Going Projects

Details of Major Projects Year 2010 onwards

Project No. 01

Civil Construction of PCIHBV OGF-3 for HBP

Asphalt Road 55,000 sq M

Buildings 3000 sq M

RCC Foundation 7500 cu M

Pipeline ROW preparation 63,000 cu M

Pipeline Crossings Open Cut 03 nos

Details of Major Projects Year 2010 onwards

Project No. 01

Civil Construction of PCIHBV OGF-3 for HBP



**Details of Major Projects
Year 2010 onwards**

Project No. 02

Mechanical, E&I Construction of PCIHBV OGF-3 for HBP

**Fabrication and laying of Pipeline 18" API5L grade 2500 M
Hot/Cold induction bends 24 nos.**

Laying of FOC 5500 M

Details of Major Projects Year 2010 onwards

Project No. 02

Mechanical, E&I Construction of PCIHBV OGF-3 for HBP



Details of Major Projects Year 2010 onwards

Project No. 02

Mechanical, E&I Construction of PCIHBV OGF-3 for HBP



**Details of Major Projects
Year 2010 onwards**

Project No. 03

EPCC OF OGF-PHASE 4 for PCIHBV

Estimated 30,000 Engineering Mhr and 700,000 Site Mhr

Tie-in for 24 Wellheads

New development and Tie-in for 25 Wellheads

Piping estimated dia inch 37000

API 5L Pipe line 24" 4.8 km and 18" 2.2 km

HDD for 24 Pipeline 01 nos

02 Substation and 02 Control Room Buildings

Installation of MPFM s, WHCP,s Closed Drain Drums

**Installation of HIPSP, Honeywell Control System, UPS, FOC,
Switchgears**

Details of Major Projects Year 2010 onwards

Project No. 03

EPCC OF OGF-PHASE 4 for PCIHBV



دمتم سالمين

Selamat Tinggal ...

安全に滞在

Stay Safe...

保持安全

maradj biztonságban

Оставайтесь в безопасности

محفوظ رہنے

AACO

شکرا جزيلا

Terima Kasih

ありがとう

Thank You

谢谢

köszönöm

спасибо

آپ کا شکریہ

Building as Literature...

"IN THE END IT'S NOT WHO WE ARE THAT MATTERS, BUT IT'S THAT WHICH WE DO STAYS LONG AFTER WE ARE GONE"

