



# about **Omrab**

- Omrab at a Glance
- Vision, Values & Mission
- Code of Ethics
- Quality Policy



**OMRAB** Eng. Co.



OMRAB Eng. Co.

## Omraab at a Glance

**Omraab Engineering Company** is a multi-disciplinary engineering & construction firm, offering a broad range of engineering services to clients in domestic and foreign markets. Omraab provides a full range of project services tailored to suit customer needs, from process design through to equipment procurement, plant construction, commissioning and operator training. Established in 1988, Omraab's experienced and accredited professionals have successfully completed projects within its areas of practice.

Our fields of specialization include:

- Water & Wastewater Treatment
- Sewage Treatment
- Water Transmission Pipe Line
- Pumping Station
- Oil and Gas
- Petrochemical Utilities
- Telemetry and Control
- Construction

**Omraab Expertise is provided in:**

- Process engineering, environmental engineering, hydraulics, hydrology, structural, electrical, mechanical, instrumentation, and SCADA.

**Omraab** is ranked as the top firm in the country in terms of EPC contracting in the:

- Mechanical & utility equipment
- Water Works

Omraab has recently launched a major effort to expand its business beyond its initial scope and into the oil and gas industry based on the long-term strategic plan.

Omraab has a manufacturing plant, which has been ISO 9001 certified for many years.



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## Vision, Values & Mission

### Vision

Our vision, built on and innovation, is working together to be recognized as the very best team of professionals in our industry and the most valuable business partner to our clients all over the world.

### Values

These are our core values that guide us in working effectively to provide a better place to work and a better service to our clients.

#### ■ Integrity

We are honest, reliable, ethical and trustworthy in our work and relationships.

#### ■ Accountability

We are each personally accountable for the highest standards of behavior, including honesty and fairness in all aspects of our work.

#### ■ Sustainability

We provide a responsible design that balances economic, social and environmental values.

#### ■ Creativity

We seek new ideas, innovative approaches, and cutting-edge technologies, and strive for continual improvement.

#### ■ Teamwork

We succeed as a team. We share our knowledge and experience, and treat each other with trust and respect.

#### ■ Responsiveness

We respond to the changing needs of clients and markets.

#### ■ Safety

We believe a safe work environment is an essential element of the quality of work.

### Mission

Our mission is to remain a leading company by building permanent relationship with clients all over the world through providing innovative solutions, world-class services, the best quality of product, the greatest efficiency, premium technical expertise, and the maximum value for their investment.





## Code of Ethics

It is the Policy of Omrab Engineering Company To maintain the highest standard of ethics in the conduct of its business and in its relations with whomever it does business or is associated- its employees, directors, shareholders, customers, associates and suppliers, as well as with governments, the media and the public. The company's integrity and reputation for ethical practices are among its most valued assets and are essential elements in its continued quest for sustained profitability. Such integrity and reputation ultimately depend upon the individual actions of its employees, officers and directors, representatives, agents and consultants all over the world. Each employee is therefore personally responsible and accountable for compliance with this code. Its provisions are mandatory and full compliance is expected of all employees as a condition of employment.

This Code is applicable to employees in all parts of Omrab Engineering Company Including its subsidiaries and associated companies in Iran and around the world.

It is recognized that social values, laws and customs may differ in different parts of the world, so that detailed interpretation/of some of the code's provisions may vary from country to country. Nevertheless, the Omrab Engineering Company Firmly believes that the code's underlying principles and basic rules are sound, relevant and applicable everywhere, and in keeping with the customs and statutes of other jurisdictions. Omrab Engineering Company is committed to increasing its value to customers, employees and shareholders by profitably providing useful products and services to worldwide markets. Omrab Engineering Company will fulfill this commitment while upholding the highest level of ethical conduct and meeting its responsibilities as a good corporate citizen.

### **Relation with suppliers, partners and customers**

Omrab will conduct its business in such a way that partners, suppliers and customers can have trust in the group.

We expect our suppliers and partners to share our ethical values. Our suppliers must have ethical guidelines in their own enterprises which are consistent with omrab's ethical values.

### **Fair Competition**

Omrab will compete in a fair& ethically justifiable manner within the framework of the competition rules in the markets in which we operate. this applies in relation to competitors as well as to customers and suppliers.



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## Quality Policy

We are committed to meet all needs and expectations of our clients, configured by our professional and social responsibilities.

We have considered the continuous improvement on the top of our activities. Omrab's quality objectives, defined to all organization levels, well demonstrate our commitment to quality issues.

These are among Omrab's quality main objectives:

- Exceeding client's needs and expectations
- Decrement of re-work in design, procurement, and construction
- Doing the work ahead of schedule ensuring quality and scope

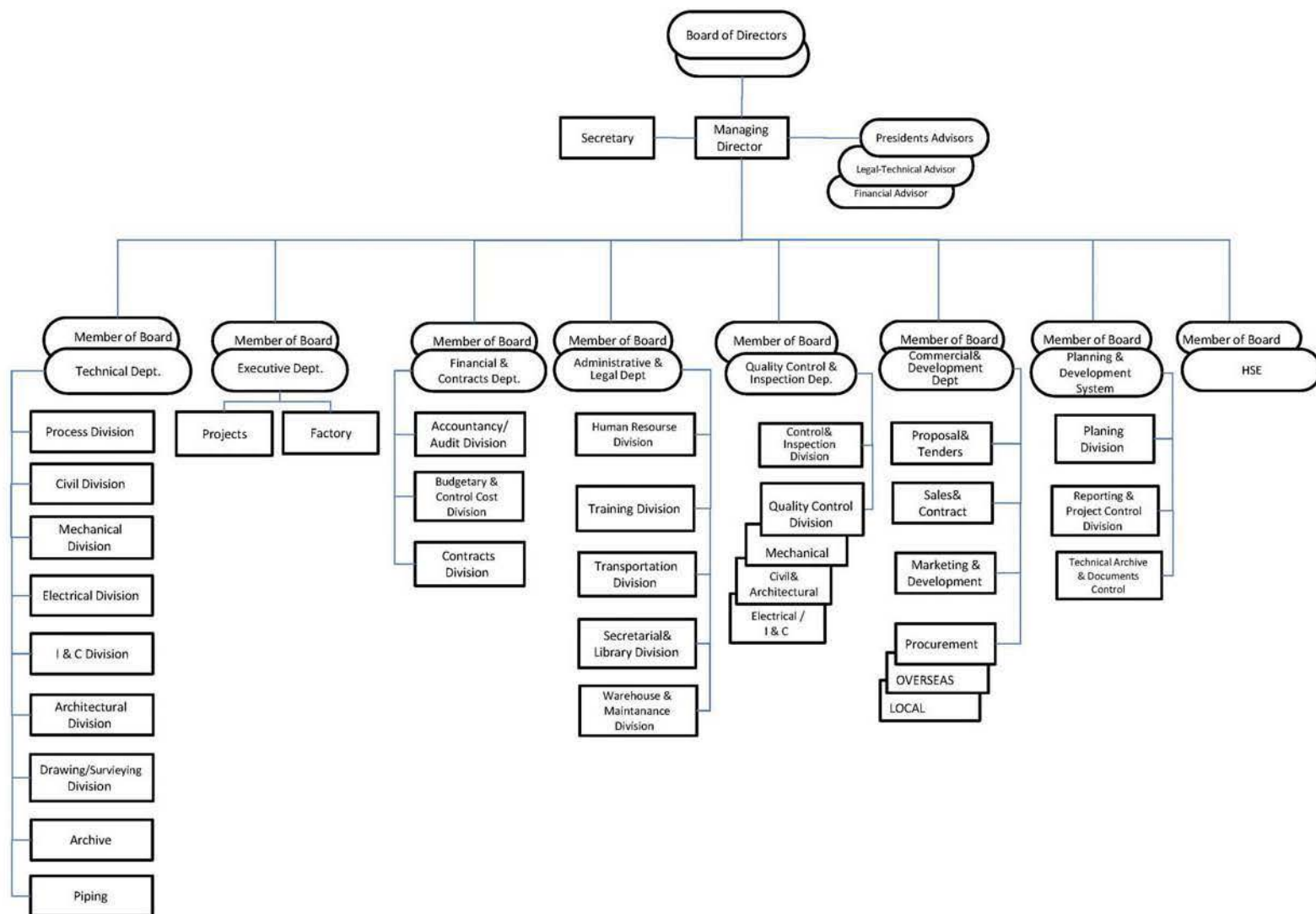
Quality Policy

# Organization and Structure

- Organization Chart
- Board of Directors
- Human Resources



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# Organization Chart



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## Board of Directors



**F. Mahdyar**  
Managing Director &  
Member of the board  
[f.mahdyar@omrab.com](mailto:f.mahdyar@omrab.com)



**M. Salehi**  
Chairman  
of the Board  
[salehi@omrab.com](mailto:salehi@omrab.com)



**B. Karimi**  
Vice Chairman  
of the Board  
[karimi@omrab.com](mailto:karimi@omrab.com)



**F. Farahmand**  
Member  
of the Board  
[farahmand@omrab.com](mailto:farahmand@omrab.com)



**A. Mahdyar**  
Member  
of the Board  
[a.mahdyar@omrab.com](mailto:a.mahdyar@omrab.com)

Board of Directors





## Human Resources

### Human Resources committee

The Human Resources Committee shall be composed entirely of Directors who are "independent" (as this word is defined in the text on Board Composition). The appointment of the chairman of Committee shall be reconsidered every three (3) years and shall be recommended by the Governance Committee and appointed by the Board of Directors.

### Terms Of Reference

The duties and responsibilities of the Committee shall include the following:

- (a) Periodically review personnel policies for recruiting, developing and motivating the personnel of the Corporation and its subsidiaries;
- (b) Review the total compensation practices of the Corporation and its subsidiaries and, at its March meeting, review the compensation section of the Corporation's Management Proxy Circular;
- (c) Annually review the list of objectives for the ensuing year, assess the performance and the management development for all members of the Office of the President and any other officers as may be required by the Committee and seek the Board's approval for their total compensation;
- (d) Ensure, in consultation with Board of directors, that succession plans are in place at senior executive levels and review such plans at regular intervals;
- (e) Review recommendations regarding any other topics related to the major aspects of management of human resources, including organizational arrangements, within the Corporation and its subsidiaries;
- (f) Monitor the management development programs of the Corporation and its subsidiaries;
- (g) Review and report to the full Board, in conjunction with the Governance Committee, with recommendations, prior to each annual shareholder's meeting, with respect to the following:
  - The ethical standards of the Corporation to ensure that management has identified the values that determine acceptable behavior in the Corporation and has put in place a process that ensures these values are reflected in actions that are taken within the Corporation;
  - The periodic review of the Corporation's Code of Ethics and Business Conduct; and Issues regarding:
    - Corporate values and ethics;
    - Corporate ethical conduct domestically and internationally;
- (h) As required during the year, at the discretion of the Chairman of the Committee, report to the Board of Directors with respect to the above-mentioned activities during the year with such recommendations as are deemed desirable in the circumstances.

### Organization and Procedures

- The Committee shall meet regularly, not less than four(4) times per year, and at such other times as may be requested by the Chairman of the Committee.
- The Chairman of the Board and the Chairman of the Committee shall, in consultation with the Vice-President, Corporate Human Resources, set the agenda, which shall then be circulated among the Committee members and all other Board members.
- The Committee will annually review its own terms of reference to ensure they continue to be appropriate, assess its own performance establish its forward agenda (a copy of which shall be provided to all Board members) and make recommendations to the Governance Committee as required.



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# Projects

- Water Treatment plants
- Wastewater Treatment Plants
- Pumping Station & Pipe line
- Oil & Gas , Utility
- Telemetry & Control
- Overseas Projects

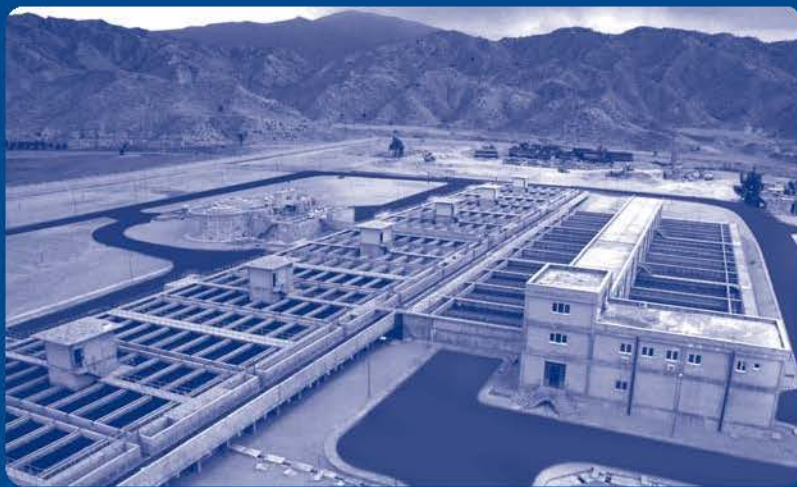


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# Water Treatment Plants





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## 7th Tehran City Water Treatment Plant

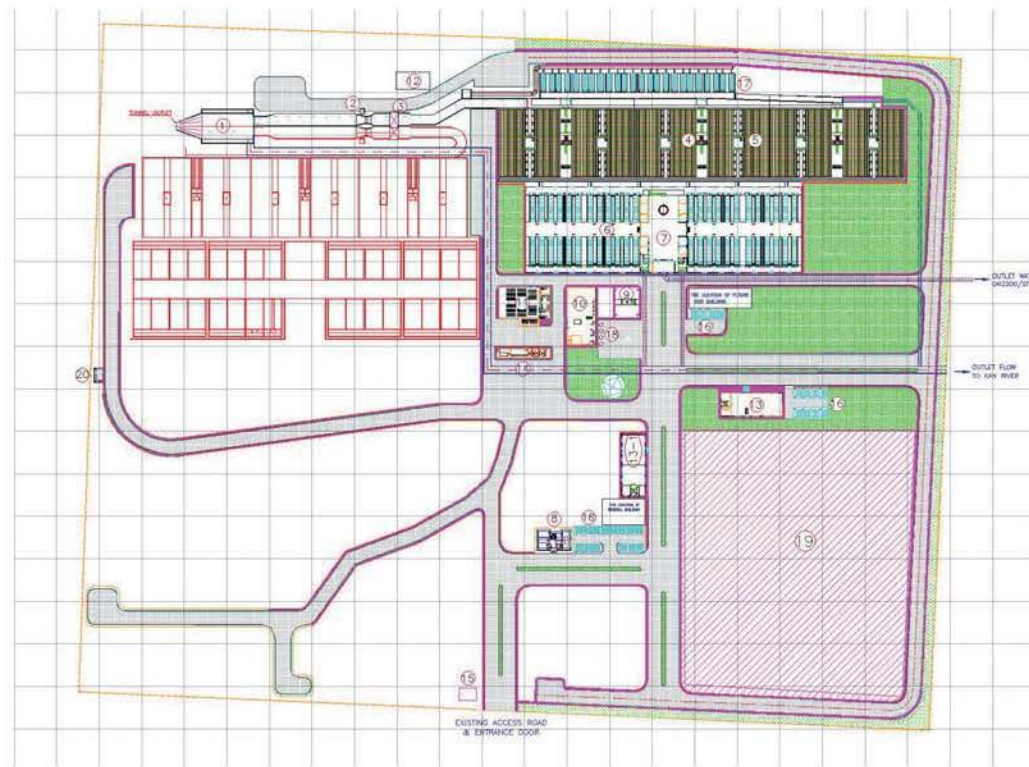


<b>Project Name:</b>	7Th Tehran City Water Treatment Plant
<b>Client:</b>	Tehran City Water and Wastewater Company
<b>Consulting Company:</b>	Iranab Consulting Eng. Co.
<b>Commencement Date:</b>	2010
<b>Contract Period:</b>	24 month (under Construction )
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction )
<b>Capacity:</b>	216`000 m3 /day
<b>Project description:</b>	Design & Engineering, Procurement, Installation & and Construction of Mechanical, Electrical & Instrumentation Equipments of Water Treatment plant
<b>The treatment Process:</b>	Conventional Treatment Including : Flash Mixing Unit, Flocculation & Sedimentation (lamella), Gravity Filter (Dual Media), Chlorination System, Control System
<b>Location:</b>	Tehran city – Tehran Province - Iran



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## 6Th Tehran City Water Treatment Plant



**Project Name:**

6Th Tehran City Water Treatment Plant

**Client:**

Tehran Regional Water Company

**Consulting Company:**

Moshanir

**Commencement Date:**

2009

**Contract Period:**

42 month (under Construction)

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

648`000 m3/day

**Project description:**

Design & Engineering, Procurement, Installation & and Construction of Mechanical, Electrical & Instrumentation Equipments of water Treatment plant.

**The treatment Process:**

Conventional Treatment including: Flash mixing unit, Flocculation & Sedimentation (Pulsator unit), Gravity Sand filter, chlorination System, Control System.

**Location:**

Tehran city – Tehran Province - Iran





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## Marand City Water Treatment Plant



<b>Project Name:</b>	Marand City water Treatment Plant
<b>Client:</b>	East Azarbayjan Regional water Authority
<b>Consulting Company:</b>	Abran
<b>Commencement Date:</b>	2009
<b>Contract Period:</b>	36 month (under construction)
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction)
<b>Capacity:</b>	86'400 m3/day
<b>Project description:</b>	Design & Engineering, Procurement, Installation & of Mechanical, Electrical & Instrumentation Equipments & Construction of water Treatment plant.
<b>The treatment Process:</b>	Conventional Treatment Including: pre- Clarification unit flocculation & sedimentation (Pulsator unit), Gravity sand filter, Gas chlorination System.
<b>Location:</b>	Marand city – East Azarbayjan Province- Iran





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## Ghouchan City Water Treatment Plant



**Project Name:**

Ghouchan city Water Treatment Plant

**Client:**

Khorasan Regional water Authority Company

**Consulting Company:**

Sarv Aab.

**Commencement Date:**

2004

**Contract Period:**

17 month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

54'432 m3/day

**Project description:**

Design & Engineering, Procurement, Installation & Erection of Mechanical, Electrical & Instrumentation Equipments & Construction of water Treatment plant.

**The treatment Process:**

Conventional Treatment including: Flash mixing unit, Flocculation & Sedimentation (Pulsator unit), Gravity Sand filter, Gas Chlorination System, Control System.

**Location:**

Ghouchan City – Tehran Province- Iran

**Main suppliers & Partners:**

Pump: Pumpiran, Berkeh (Iran), Lowara (Italy)

Valves: Mirab, LMI, Farab (Iran)

Blower: desser Robuschi (Italy)

Vacuum Pump: Deraedt (Belgium)

Dosing Pump: Alldos (Germany)

Chlorination sys: Alldos (Germany)

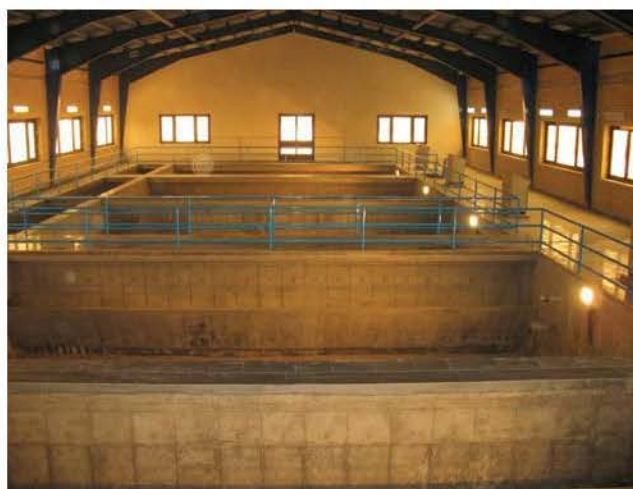
Instrument: Endress+Hauser, Siemens (Germany)

Compressor: Airmec (Italy)



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## Karaj City Water Treatment Plant



**Project Name:**

Karaj city water treatment Plant

**Client:**

West Tehran Regional Water Company

**Consulting Company:**

Ray Aab

**Commencement Date:**

2004

**Contract Period:**

22 month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

43'200 m3/day

**Project description:**

Design & Engineering, Procurement, Installation & Erecting of Mechanical, Electrical & Instrumentation Equipments & Construction of water Treatment plant.

**The treatment Process:**

Conventional Treatment Including: Flash mixing, Flocculation & Sedimentation (Pulsator unit), gravity sand filter, Gas chlorination System.

**Location:**

Karaj city – Tehran Province - Iran

**Main suppliers & Partners:**

Pump: Pumpiran, Berkeh (Iran), Lowara (Italy)

Valves: EBRO (Austria), Mirab, LMI, Farab (Iran)

Blower: Dresser (U.K.)

Vacuum Pump: Deraedt (Belgium)

Dosing Pump: Alldos (Germany)

Chlorination sys: Alldos (Germany)

Instrument: Endress+Hauser (Germany)

Electromotor: ABB (Germany)

Compressor: Airmec (Italy)

PLC: Siemens (Germany)





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## Persian Gulf

# Coastal Cities Water Treatment Plant (main plant + extension)



**Project Name:**

Persian Gulf Coastal Cities Water Treatment Plant  
(main plant+ extension)

**Client:**

Fars Regional water Company

**Consulting Company:**

Mahab Ghods

**Commencement Date:**

(2003, 2005)

**Contract Period:**

(24 month, 12 month)

**Type of Contract:**

PC (Procurement, Construction)

**Capacity:**

388'800 m3/day

**Project description:**

Design & Engineering, Procurement, Installation of Mechanical, Electrical & Instrumentation Control Equipments of water Treatment plant.

**The treatment Process:**

Conventional Treatment including: Flash mixing unit, Flocculation & Sedimentation ( Pulsator unit ), Gravity sand filter, Gas chlorination System.

**Location:**

Behbahan city – Khozestan province- Iran

**Main Suppliers & Partners:**

Blower: Robuchi (Italy)

Vacuum Pump: Deraedt (Belgium)

Valves: Belgicast (Spain), ERHARD (Germany)

Dosing pumps: Sera (Germany)

Chlorination system: Aldos (Germany)

Gear box: Aldos (Germany)

Electrical panels: Siemens (Germany)

Mimic: Mauell (Germany)

Instrumentation: Endress + Hauser (Germany), Siemens (Germany)

PLC: Siemens (Germany)



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## Rehabilitation Work of Shiraz City Water Treatment Plant



<b>Project Name:</b>	Rehabilitation Work of Shiraz City Water Treatment Plant
<b>Client:</b>	Fars Regional water Company
<b>Consulting Company:</b>	Tehran Boston
<b>Commencement Date:</b>	(2003, 2004)
<b>Contract Period:</b>	36 month
<b>Type of Contract:</b>	PC (Procurement, Construction)
<b>Capacity:</b>	172`800 m3/day
<b>Project description:</b>	Procurement, Installation& Complementary Construction work of water treatment plant.
<b>The presses treatment:</b>	conventional treatment including: flash and slow mixing unit, chemical unit, lamella Sedimentation, gas chlorination unit.
<b>Location:</b>	Shiraz city – Fars province – Iran
<b>Main suppliers &amp; Partners:</b>	Sludge Pump: Navid sahand (Iran) Blower: Dresser (UK) Chlorination System: Aldose (Germany) Instrumentation: Endress + Hauser (Germany) Electromotor: Siemens (Germany) Mimic: Mauell (Germany) Gear box: Nord (Germany)





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## Bandar Abbas City Water taste & odor Removal



<b>Project Name:</b>	Bandar Abbas City Water taste & odor Removal
<b>Client:</b>	Hormozgan Regional Water Company
<b>Consulting Company:</b>	Mahab Ghods
<b>Commencement Date:</b>	2003
<b>Contract Period:</b>	36 month
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction)
<b>Capacity:</b>	224'640( m3/day)
<b>Project description:</b>	Removal of taste& Odour from Bandar Abbas potable water by injection of Ozone gas
<b>Treatment Process:</b>	including 4×10 (kg/hr) Ozone generators, drying air system, Compressed air generator& H2O2 dosing system.
<b>Location:</b>	Bandar Abbas City– Hormozgan province- Iran
<b>Main suppliers &amp; Partners:</b>	Compressor: Atlas Copco (UK) Ozone Generation: Trailgaz (France) Mimic: Mauell (Germany) H2O2 Dosing System: Sera (Germany) Electrical Panels: Siemens (Germany) Transformer: Iran Transfo (Iran)



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## Sirjan City Water Treatment Plant



<b>Project Name:</b>	Sirjan City Water Treatment Plant
<b>Client:</b>	Kerman Regional water Company
<b>Consulting Company:</b>	Mahab Ghods
<b>Commencement Date:</b>	2001
<b>Contract Period:</b>	45 month
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction)
<b>Capacity:</b>	70'160 (m3/day)
<b>Project description:</b>	Detail Design, Procurement, Installation & Commissioning of Mechanical, Electrical & Instrumentation Equipments & Construction of water Treatment plant.
<b>The Treatment Process:</b>	Conventional Treatment Including: Flash mixing unit, flocculation & Sedimentation (Pulsator unit), Gravity Sand Filter, Gas Chlorination System.
<b>Location:</b>	Sirjan City – Kerman Province - Iran
<b>Main suppliers &amp; Partners:</b>	Mimic Panel: Mauell (Germany) Pulsator fan: De-Raedt( Belgium) Blowers: Robuschi (Italy) Pumps: Pumpiran (Iran) Electromotor: Siemens (Germany) Control panel: Siemens (Germany) PLC: Siemens (Germany) Valve: Mirab (Iran)





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## Pars Abad City Water Treatment Plant



<b>Project Name:</b>	Pars Abad City Water Treatment Plant
<b>Client:</b>	East Azarbayjan Regional water Company
<b>Consulting Company:</b>	Abran
<b>Commencement Date:</b>	1998
<b>Contract Period:</b>	36 month
<b>Type of Contract:</b>	EPC (Procurement, Construction)
<b>Capacity:</b>	50'000 m3/day
<b>Project description:</b>	Procurement & Installation of Mechanical, Electrical, Instrumentation & Control Equipments & Construction of water Treatment plant.
<b>The treatment Process:</b>	Conventional Treatment Including: Flash mixing unit, Flocculation unit, Sedimentation unit, Gravity Rapid sand filter, Gas chlorination System, Control System.
<b>Location:</b>	Moghan city – East Azarbayjan Province- Iran
<b>Main suppliers and Partners:</b>	Blower: Hilon (France) Instrumentation: Endress + Hauser (Germany) Electrical panels: Siemens (Germany) Electrical Motor: Siemens (Germany) Mimic: Mauell (Germany) Gas chlorination: Alldos (Germany)



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## Sugar Cane Factory Water Treatment Plant



**Project Name:**

Sugar cane Factory water treatment plant

**Client:**

Sugar cane Developing Company

**Commencement Date:**

1997

**Contract Period:**

24 month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

44'000(m3/day)

**Project description:**

Design & Engineering, Procurement, Installation & Commissioning of Mechanical, Electrical & Instrumentation Equipments & Construction of water Treatment plant .

**The treatment Process:**

**Conventional Treatment**

**Including:**

pre- Sedimentation unit, Clariflocculation unit, pressure sand filter, Gas chlorination System.

**Location:**

Shoushtar city – Khuzestan Province - Iran

**Main suppliers & Partners:**

Blower: Hibon (France)

Instrument: Endress + Hauser (Germany)

Electrical panels: Siemens (Germany)

Electrical Motor: Siemens (Germany)

Chlorination system: Aldos (Germany)





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## Germi City Water Treatment Plant

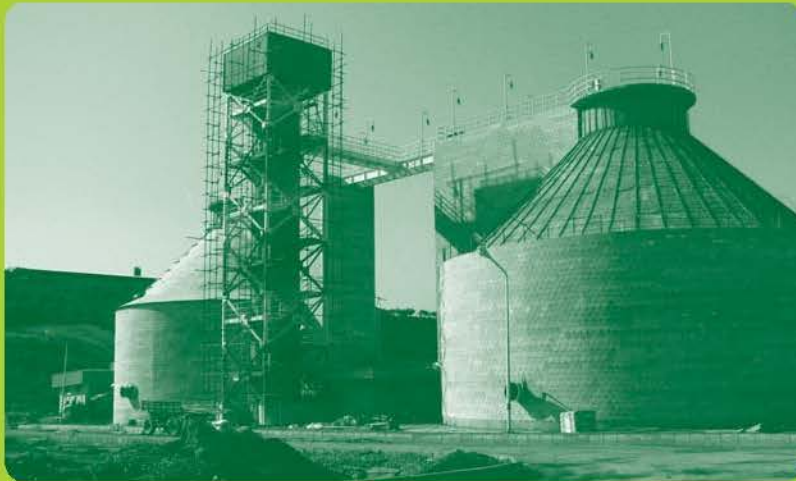


<b>Project Name:</b>	Germi City Water Treatment Plant
<b>Client:</b>	East Azarbayjan Regional water Authority.
<b>Consulting Company:</b>	Ashnab
<b>Commencement Date:</b>	1990
<b>Contract Period:</b>	24 month
<b>Type of Contract:</b>	EPC (Procurement, Construction)
<b>Capacity:</b>	25`920 m3/day
<b>Project description:</b>	Procurement & Installation of Mechanical, Electrical, Instrumentation & Control Equipments & Construction of water Treatment plant.
<b>The treatment Process:</b>	Conventional Treatment including: Flash mixing unit, Flocculation unit, Sedimentation unit, Gravity Rapid sand filter, Gas chlorination System, Control System.
<b>Location:</b>	Germi city – East Azarbayjan Province- Iran
<b>Main suppliers &amp; Partners:</b>	Blower: Hibon (France) Instrumentation: Endress + Hauser (Germany) Electrical panels: Siemens (Germany) Electrical Motor: Siemens (Germany) Mimic: Mouell (Germany) Gas chlorination: Alldos (Germany)



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# Wastewater Treatment Plants







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## Sanandaj City Wastewater Treatment Plant-Sludge Treatment



<b>Project Name:</b>	Sanandaj City Wastewater Treatment Plant – Sludge treatment
<b>Client:</b>	Kordestan Water & Wastewater Company
<b>Consulting Company:</b>	Sakhtab
<b>Commencement Date:</b>	2004
<b>Contract Period:</b>	24 month
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction)
<b>Capacity:</b>	216'000( m3/day)
<b>Project description:</b>	Design& Engineering, Procurement, Installation& Construction of Sludge Part of wast water Treatment Plant.
<b>Process Units:</b>	Anearobic Sludge Digestion, Sludge Gravity Thickening unit, Sludge dewatering unit (Belt filter Press & drying bed), UV disinfection unit, Gas holder unit.
<b>Location:</b>	Sanandaj city – Kordestan Province –Iran
<b>Main suppliers &amp; Partners:</b>	UV: Trojan (Canada) Sludge Dewatering: EMO (France) Digester Mixer: sterling (Germany) PLC: Siemens (Germany) Gas holder system: Omrab (Iran) Burner, Boiler: Combustion (Spain) Gas Safety system: Protegue(Germany) Pumps: Netsch mono (Germany)



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## Alborz Industrial City Wastewater Treatment Plant



<b>Project Name:</b>	Alborz Industrial City Wastewater treatment plant
<b>Consulting Company:</b>	Iran Aab
<b>Commencement Date:</b>	1998
<b>Contract Period:</b>	24 month
<b>Capacity:</b>	95`100 m3/day
<b>Project description:</b>	Installation and Commissioning of all Mechanical, & Instrumentation Equipments
<b>The treatment process:</b>	Treatment of wastewater in the aerobic way (Activated sludge - Extended Aeration) is containing of: Aerated Mechanical grit chamber with travelling bridge, primary sedimentation (with rotational half bridge).Surface aeration, secondary sedimentation ( with rotational bridge ) ,pumping station of excess & return activated sludge, Aerobic digester, sludge drying bed, disinfecting the treated effluent by gas chlorination, Diesel Alternator ,transformator.
<b>Location:</b>	Ghazvin Industrial zone.





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## Khoy City Wastewater Treatment Plant



<b>Project Name:</b>	Khoy City Wastewater Treatment plant
<b>Client:</b>	East Azarbayjan water and Wastewater Company
<b>Commencement Date:</b>	1995
<b>Contract Period:</b>	24 month
<b>Type of Contract:</b>	PC (Procurement, Construction)
<b>Capacity:</b>	51`840 (m3 /day)
<b>Project description:</b>	Procurement, Installation and Commissioning of Mechanical, Electrical and Installation Equipments of Wastewater Treatment plant. Screening unit, Aerated Lagoon with Surface aerator, Settling lagoon, disinfection by gas Chlorination system.
<b>The Treatment Process:</b>	
<b>Location:</b>	Khoy City –East Azarbayjan Province - Iran
<b>Main suppliers &amp; Partners:</b>	Aerator: Omrab (Iran) Gear box: Rossi (Italy) Screening system: Omrab (Iran)



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## Chamran

### Residential Complex Sanitary Wastewater Treatment Plant



<b>Project Name:</b>	Chamran Residential Complex Sanitary Wastewater Treatment Plant
<b>Client:</b>	SASAD
<b>Consulting Company:</b>	Engineering office of (SASAD)
<b>Commencement Date:</b>	1990
<b>Contract Period:</b>	12 month
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction)
<b>Capacity:</b>	2'000 (m3/day)
<b>Project description:</b>	Engineering, Procurement, Installation of Mechanical, Electrical Instrumentation & Control Equipments & Construction of Wastewater treatment plant.
<b>Process Units:</b>	Course and fine Screen- Grit Chamber (Pista Type) – Aeration unit – Sedimentation unit – Disinfection unit (Gas Chlorination System)
<b>Location:</b>	Tehran



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## Mashad City 5<sup>th</sup> Wastewater Treatment Plant



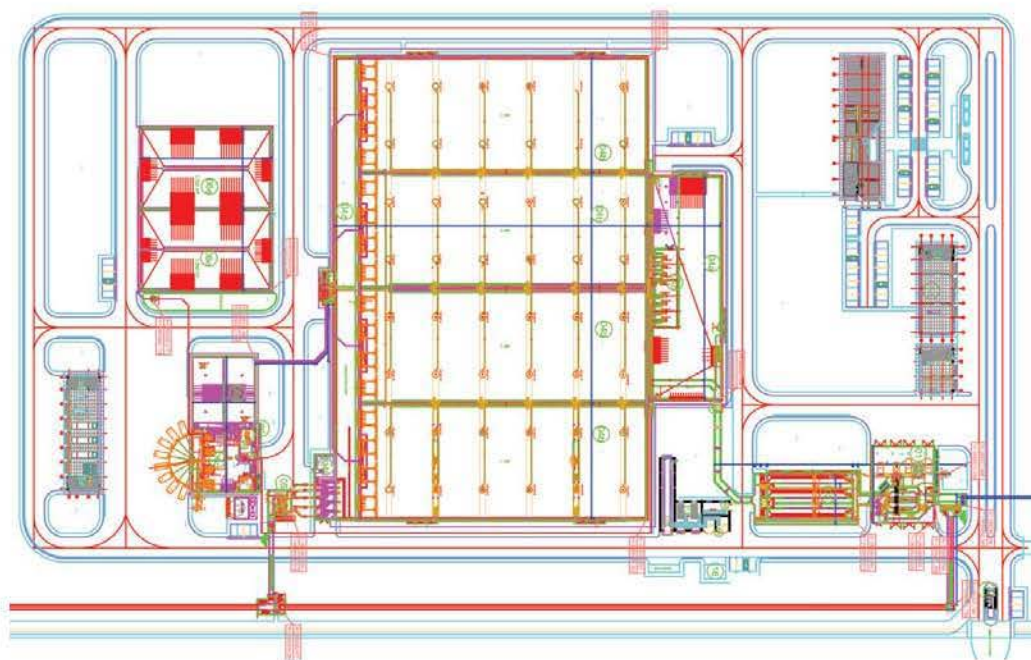
<b>Project Name:</b>	Mashad City 5 <sup>th</sup> Wastewater Treatment Plant
<b>Client:</b>	Mashhad water & Wastewater Company
<b>Consulting Company:</b>	Pars Ab Tadbir Consulting Engineers
<b>Commencement Date:</b>	2010
<b>Contract Period:</b>	48 month
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction)
<b>Capacity:</b>	83'000 (m3/day)
<b>Project description:</b>	Design & Engineering, Procurement, Installation & Construction of Wastewater Treatment plant.
<b>The Treatment Process:</b>	Khin Arab Wastewater Treatment Plant including: Intermittent Cycle Extended aeration System (SBR System), disinfection by Chlorination System & Sludge digeter.
<b>Location:</b>	Mashhad city – Khorasan Razavi Province – Iran





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## Ahwaz City Eastern Wastewater Treatment Plant



<b>Project Name:</b>	Ahwaz City Eastern Wastewater Treatment Plant
<b>Client:</b>	Ahwaz water & Wastewater Company
<b>Consulting Company:</b>	P2m Berlin
<b>Commencement Date:</b>	2009
<b>Contract Period:</b>	36 month
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction)
<b>Capacity:</b>	112'000 (m3/day)
<b>Project description:</b>	Design & Engineering, Procurement, Installation & Construction of Wastewater Treatment plant.
<b>The Treatment Process:</b>	Ahwaz municipal Wastewater Treatment Plant including: biological activated Sludge (SBR System), disinfection by Gas Chlorination System.
<b>Location:</b>	Ahwaz city – Khuzestan Province – Iran





# Pumping Station & Pipe Line





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## Bandar Abbas City Pumping Station



**Project Name:**

Bandar Abbas City Pumping Station

**Client:**

Hormozgan water & waste water Company

**Consulting Company:**

Ray Aab

**Commencement Date:**

2009

**Contract Period:**

12 month (under Construction)

**Type of Contract:**

PC (Procurement, Construction)

**Project description:**

Procurement, Installation and Furnishing 2 Pump station:

Phase 1: 6 Double Suction Split Case pumps (Capacity: 830 m<sup>3</sup>/hr, Head: 68 m)

Phase 2: 9 Double Suction Split Case Pumps (Capacity: 1800 m<sup>3</sup>/hr, Head: 95 m)

Control System, Transformer.

**Location:**

Bandar Abbas City – Hormozgan Province- Iran

**Main suppliers & Partners:**

Pumps: KSB (Germany)

Electromotor: VEG

Valves: Mirab (Iran)

Electrical panel: Siemens (Germany)

Instrumentation: Endress+ Hauser (Germany)

Transformer: Iran Transfo (Germany)



OMRAB Eng. Co.

## Persian Golf Coastal Cities Water Supply (Pumping Station)



**Project Name:**

Persian Golf Coastal Cities Water Supply

**Client:**

Fars Regional water Authority

**Consulting Company:**

Mahab Ghods

**Commencement Date:**

2006

**Contract Period:**

12 month

**Capacity:**

74'650 (m3/day)

**Type of Contract:**

PC (Procurement, Construction)

**Project description:**

Procurement, Installation & Furnishing Pump Station by 4 Splitcase Pumps with Total Capacity of 74'650 m3/day, Control System, Transformer and control panel.

**Location:**

Fars Province - Iran

**Main suppliers & Partners:**

Pumps: KSB (Germany)

Electromotor: Siemens (Germany)

Panel device: Siemens (Germany)

Chlorination: Alldos (Germany)

Valves: Erhard (Germany)

Mimic: Mauell(Germany)





OMRAB Eng. Co.

## Kermanshah City Water Supply



**Project Name:**

Kermanshah City Water Supply

**Client:**

West Regional water Company

**Consulting Company:**

Mahab Ghods

**Commencement Date:**

2004

**Contract Period:**

12 Month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

172'800 (m3/day)

**Project description:**

Design, Installation & Furnishing pump station by 24 high pressure multi stage centrifugal pumps with total Capacity of 172'800 (m3/day) with surge protection System, Telemetry & Control system.

**Location:**

Mlandarband – Kermanshah City – Kermanshah Province- Iran

**Main suppliers & Partners:**

Pumps: Pumpiran (Iran)

Electromotor: Siemens (Germany)

Telemetry system: Siemens and Motorella (Germany)

Electrical Panels: Siemens (Germany)

PLC: Siemens (Germany)

Instrumentation: Endress+Hauser (Germany)



OMRAB Eng. Co.

## Doosti Dam to Mashhad City Water Transmission Pipeline



<b>Project Name:</b>	Doosti Dam to Mashhad City Water Transmission Pipeline
<b>Client:</b>	Khorasan Regional water Company
<b>Consulting Company:</b>	Toos Aab
<b>Commencement Date:</b>	2003
<b>Contract Period:</b>	20 month
<b>Type of Contract:</b>	C (Construction)
<b>Project description:</b>	60 km water Transmission Pipeline (DN 2000), 150 unit Valve chamber, 3 Storage tank with Capacity of 15'000m <sup>3</sup> and 1 storage tank with Capacity of 10'000m <sup>3</sup> , tunnel (length: 900m, Diameter: 6.7m)
<b>Location:</b>	Doosti dam– Mashad city – khorasan Province – Iran





OMRAB Eng. Co.

## Meymeh City Pumping Station



<b>Project Name:</b>	Meymeh City Pumping Station
<b>Client:</b>	Esfahan Regional water Authority
<b>Consulting Company:</b>	Ray Aab
<b>Commencement Date:</b>	2003
<b>Contract Period:</b>	16 month
<b>Type of Contract:</b>	PC (Procurement, Construction)
<b>Capacity:</b>	129'600(m3/day)
<b>Project description:</b>	Procurement, Installation & Furnishing Pump station by 4 Split Case Pumps with total Capacity of 129'600 m3/day, Surge Protection System.
<b>Location:</b>	Meymeh City – Kashan Province - Iran
<b>Main suppliers &amp; Partners:</b>	Siemens (Germany) Instruments: Endress + Hauser (Germany)





OMRAB Eng. Co.

## Semnan City Water Supply



**Project Name:**

Semnan City Water Supply

**Client:**

Tehran Regional water Company

**Consulting Company:**

Mahab Ghods

**Commencement Date:**

2002

**Contract Period:**

18 month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

56'160 m3/day

**Project description:**

Design & Engineering, Procurement, Furnishing & Installation of 3 pump station including 25 multi stage horizontal centrifugal pumps with total capacity of 56'160 m3/day, Chlorination system (2 Station) ,Control & SCADA System.

**Location:**

Semnan City – Tehran Province – Iran

**Main suppliers & Partners:**

SCADA System: SIMATIC

Pumps: Pumpiran (Iran)

Electromotor: (Siemens)

Mimic: Mauell

Valves: Mirab, LMI (Iran)

Compressor: Alup (Germany)

PLC: Siemens (Germany)

Crane: Sadad Machine (Iran)



OMRAB Eng. Co.

## Pars 1 Pumping Station & Transmission Pipeline



**Project Name:**

Pars 1 Pumping Station & Transmission Pipeline

**Client:**

Pars National Agro- Industry& Animal Husbandry Company

**Consulting Company:**

Moshaver Yekom

**Commencement Date:**

2001

**Contract Period:**

11 month

**Capacity:**

19'000 m3/day

**Type of Contract:**

PC (Procurement, Construction)

**Project description:**

Procurement, Installation, Commissioning& Construction of 3km water transmission Pipeline (DN: 1400) Furnishing Pump station by 14 multistage high Pressure Pumps with total Capacity of 19'000 m3/day

**Location:**

Moghan City – Ardabil Province – Iran

**Main suppliers & Partners:**

Pipe: Sadid (Iran)

Pumps: Pumpiran (Iran)

Clorination System: Jesco(Iran)

Valve: Mechanic Aab (Iran)

Transformer: Iran Transfo(Iran)



OMRAB Eng. Co.

## Karvan Pumping Station



**Project Name:**

Karvan Pumping Station

**Client:**

Esfahan Regional water Company

**Commencement Date:**

2001

**Contract Period:**

24 month

**Type of Contract:**

PC (Procurement, Construction)

**Project description:**

Construction, Installation & Furnishing Pump station by 4 Split case Centrifugal pumps, surge Protection System, Control System, Transformation system.

**Capacity:**

34`560 (m3/day)

**Location:**

karvan city – Esfahan Province – Iran

**Main suppliers & Partners:**

Valves: Mirab, LMI (Iran)

Compressor: Alup (Germany)

PLC: Siemens (Germany)

Crane: Sadad Machine (Iran)





OMRAB Eng. Co.

## Yazd City Water Supply



**Project Name:**

Yazd City Water Supply

**Client:**

Yazd Regional water Authority

**Consulting Company:**

Mahab Ghods

**Commencement Date:**

1999

**Contract Period:**

18 month

**Type of Contract:**

PC (Procurement, Construction)

**Capacity:**

259'200 (m3/day)

**Project description:**

4xWater pump station, 16 split case pumps,

\* Pump station No.1: Including (4x1400 kW) electromotor + 4 double suction splitcase pumps (1.05 m3/sec, 82 m head)

\* Pump station No. 2&4: Including 4x1400 kW electromotor + 4 double suction splitcase pumps (1m3/sec + 140 m head)

\* Pump station No. 3: Including 4x2200 kW electromotor + 4 double suction splitcase pumps (1m3/sec + 145 m head)

**Location:**

Yazd City – Yazd Province - Iran

**Main suppliers & Partners:**

Pumps: EBARA (Japan)

Electromotor: Siemens (Germany)

Valves: Mirab (Iran)

Actuators: Auma (Germany)

Compressor: Boge (Germany)



OMRAB Eng. Co.

## Gordian Pumping Station



**Project Name:**

Gordian Pumping Station

**Client:**

Agricultural Lands Promotion & Development Company  
(affiliated to ministry of agricultural)

**Consulting Company:**

Faraz Aab.

**Commencement Date:**

1997

**Contract Period:**

24 month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

120'000(m3/day)

**Project description:**

Design & Engineering Installation and Furnishing Pump station by  
18 multistage Centrifugal pumps with total Capacity of 120'000  
(m3/day), Surge protection System, Telemetry & Control System.

**Location:**

Jolfa City – East Azarbayjan Province - Iran

**Main suppliers & Partners:**

Pumps: Pumpiran (Iran)

Valves: Mirab, LMI (Iran)

Electromotor: (Siemens)

Mimic: Mauell (Germany)





OMRAB Eng. Co.

## Ardebil City Water Supply



<b>Project Name:</b>	Ardebil City Water Supply
<b>Client:</b>	Azərbaycan Regional Water Company
<b>Consulting Company:</b>	Omran Mohit-e Zist
<b>Commencement Date:</b>	1993
<b>Contract Period:</b>	12 month
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction)
<b>Capacity:</b>	60'480 m3/day
<b>Project description:</b>	Design& Engineering, Procurement& Installation of 17 borehole Pumps and Furnishing 3 Pump Station by with 12 Centrifugal end Suction Pumps with total Capacity of 60'480 m3/day, Surge Protection System, Control System.
<b>Location:</b>	Ardabil city – Ardabil province -Iran
<b>Main suppliers &amp; Partners:</b>	Valves: Erhard (Germany) Main Pumps: Pumpiran (Iran) Chlorination System: Alldos (Germany) Electrical Panels: Siemens (Germany) Instrumentation: Endress+Hauser (Germany)





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# Oil & Gas and Utility





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## Abadan Refinery Water Treatment Plant & Cooling Water System & Auxiliaries



<b>Project Name:</b>	Abadan Refinery Water Treatment Plant & Cooling water System & Auxiliaries
<b>Client:</b>	Abadan Oil Refinery Company.
<b>Commencement Date:</b>	2008
<b>Contract Period:</b>	24 month
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction)
<b>Project description:</b>	Design & Engineering, Procurement, Installation & Construction Of two
<b>Different Sections:</b>	I : WTP (5'000m <sup>3</sup> /hr)& Ro. System unit (input: 1'450m <sup>3</sup> /hr, output: 728m <sup>3</sup> /hr) which Generating Clarified & polishing water for supplying cooling towers water & Generating dematerialized water for refinery boilers . II :cooling system (36'000m <sup>3</sup> /hr) including: tower, cooling circulating turbine& electrical pumps.
<b>Location:</b>	Abadan city – Khouzestan province - Iran
<b>Main suppliers &amp; Partners:</b>	Joint Venture Partner: Sadid jahan Sanat Cooling pumps: Hyosung Ebara (Korea) Turbine: shinko (Japan) Cooling tower: spig (Italy) Ultra filtration: Inge (Germany) R.O. System: Hyosung Ebara (Korea) Clarifier equipment: Omrab (Iran) Bioss-treat (Bio-filter): Evonik (Germany) Dematerialized system: Omrab (Iran) Valve : DVC Int. Denmark Instruments : E&H , INDUMART Pumps : KSB





OMRAB Eng. Co.

## Iran – Armenia Bordery Gas Metering Station



<b>Project Name:</b>	Iran – Armenia Bordery Gas Metering Station
<b>Client:</b>	Iran International Gas Company
<b>Consulting Company:</b>	Pars Consulting Company
<b>Commencement Date:</b>	2006
<b>Contract Period:</b>	12 month
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction)
<b>Capacity:</b>	10 Millions SCMD
<b>Project Description:</b>	metering and analyzing system including: Filtration unit, Metering System, Control system power Generator unit, ups unit, plc unit
<b>Location:</b>	Iran – Armenia Bordery Line
<b>Main suppliers &amp; Partners:</b>	Instrumentation: ABB (Germany), Jerhuson(USA), Ashcroft(USA), Penberthy(USA), Analyzer House: Norsk Analyses (Sweden) Gas Chromatograph: Siemens (Germany) H2s Analyzer: Ametek(UK) Water Dew Point Analyzer: Michell instruments (UK) Oxygen Analyzer: Systech Instruments (UK) Control Panel: Rittal (Norway) Valve: MVT(UK) Activator: Rotoru(Italy)



OMRAB Eng. Co.

## Power Station for Mobilization of Roudbar Lorestan Dam



**Project Name:**

**Client:**

**Consulting Company:**

**Commencement Date:**

**Contract Period:**

**Type of Contract:**

**Project description:**

Power Station for Mobilization of Roudbar Lorestan Dam

Iran water & Power Resources Development Company.

Ghods niroo

2005

22 month

PC (Procurement, Construction)

Procurement, Installation & Construction of Diesel Power Plant ( 5 MW ) Including: Diesel Generator, Full automatic Control System, main Electrical Panel, Transformation System, 20kv Electrical Transmission line (20km), water Pump Station (610m<sup>3</sup>/day), 25km water transmission Pipeline (poly Ethylene DN200, PN=25), Surge Protection System.

**Location:**

**Main suppliers & Partners:**

Ali Goudarz city – Lorestan Province- Iran

Pumps: Pumpiran (Iran)

Electrical Panel: Cummins (UK)

Generator System: Cummins (UK)

Control System: Cummins (UK)

PLC: Cummins (UK)

HV: Jabon (Iran)

Transformer: Iran transfo (Iran)





OMRAB Eng. Co.

## Kermanshah

### Petrochemical Complex Water Supply



**Project Name:**

Kermanshah petrochemical complex water Supply

**Client:**

Kermanshah Petrochemical Complex Company

**Consulting Company:**

Namvaran

**Commencement Date:**

2004

**Contract Period:**

16 month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

16'800 m3/day

**Project Description:**

Design, Supply, Installation& Furnishing Pump Station by 6 Vertical turbine Pumps, Surge Protection System, with total Capacity of 16'800 (m3/day ) and 5.5 km pipeline transmission for water supplying of Kermanshah petrochemical Complex.

**Location:**

Kermanshah city – Kermanshah province- Iran

**Main Suppliers & Partners:**

Pump: Nijhuis (Netherlands)

Valves: Erhard (Germany), LMI, Mirab

PLC: Siemens (Germany)

Electromotor: ABB (Germany)

Instrument ation: Endress+Hauser (Germany)





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## Tabriz Power Plant Demineralization unit

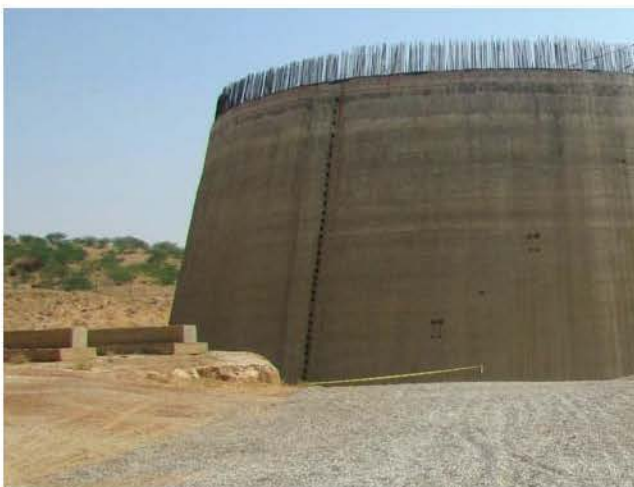


<b>Project Name:</b>	Tabriz Power plant – demineralization unit
<b>Client:</b>	Azərbayjan electricity Regional Authority Company.
<b>Consulting Company:</b>	Mona
<b>Commencement Date:</b>	2003
<b>Contract Period:</b>	24 month
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction
<b>Capacity:</b>	720(m3/day)
<b>Project description:</b>	Producing dematerialized water with Conductivity of 2 ?s.
<b>Treatment unit Including:</b>	Cation and anion and mixed bed exchange column
<b>Location:</b>	Tabriz city – East Azarbayjan province – Iran
<b>Main suppliers &amp; Partners:</b>	Ion exchange resin: Prolite (Italy) Valves: G+F (Switzerland) Pumps: Ebara (Japan) PLC: Siemens (Germany) Instrument: Endress+ Hauser (Germany)



OMRAB Eng. Co.

## Umidieh Crude Oil Concrete Storage Tanks



**Project Name:**

Crude Oil Storage Tanks-Umidieh Concrete Storage Tanks Project

**Client:**

Oil Engineering and Development Company (P.E.D.E.C.)

**Consulting Company:**

Setiran Co.

**Commencement Date:**

2010

**Contract Period:**

30 month

**Type of Contract:**

PC (Procurement, Construction )

**Capacity:**

-

**Project description:**

Procurement, Installation Operating & Commissioning of Mechanical, Electrical, Control & Instrument equipment & Construction of 2\*500,000 bbl concrete storage tank

**The Treatment Process:**

Process pumps, Fire fighting pumps oily water pumps, Foam pumps, Safety, Nitrogen supply, System, Mixer, Air assisted flare, Oily water, Separation system, Striper, Power transformer, LV8MV system, Emergency Diesel Generator, Telecomm system, Cathodic protection & construction 2\*500,000 bbl concrete storage tank.

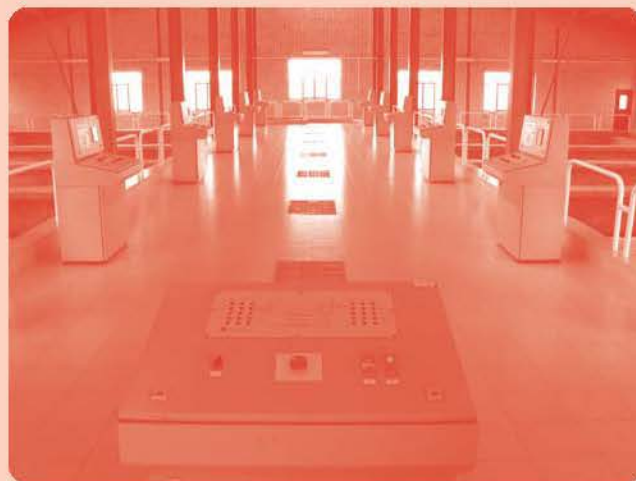
**Location:**

Ahwaz City – Khuzestan Province –Iran



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# Telemetry & Control

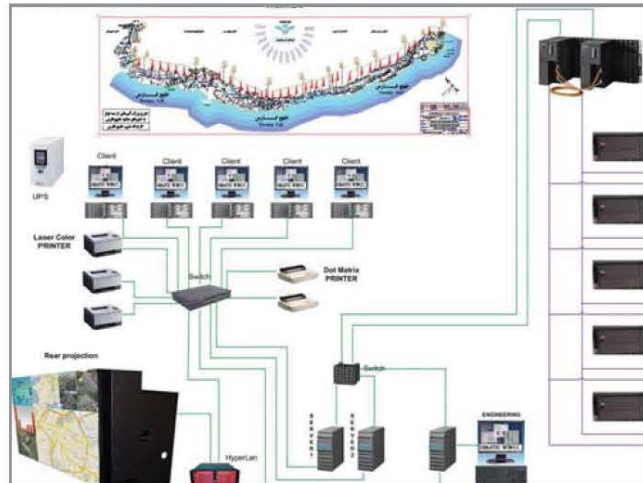






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## Persian Gulf Coastal Cities Telemetry Project



**Project Name:**

Persian Gulf Coastal Cities Telemetry Project

**Client:**

Fars Regional water Authority

**Consulting Company:**

Mahab Ghods

**Commencement Date:**

2009

**Contract Period:**

15 month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Project description:**

Design & Engineering, Procurement, Installation & Construction of 32 Valve Chamber Equipped including Instrumentation and measuring devices, 5 Control room and Telemetry System.

**Location:**

Khouzestan Province, Kohkilooyeh & Boyer Ahmad Province, Boushehr Province, Hormozgan Province, Fars Province

**Main suppliers & Partners:**

Valves: VEG (Germany)

Instrumentation: Endress & Hauser (Germany)

PLC: Siemens (Germany)

Rear Projection: Eyevis (Germany)



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Semnan

## Water Supply Telemetry & Control



**Project Name:**

Semnan water supply

**Client:**

Tehran Regional water Company

**Consulting Company:**

Mahab Ghods

**Commencement Date:**

2002

**Contract Period:**

18 month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

56`160 m3/day

**Project description:**

Design & Engineering, Procurement, Furnishing & Installation of 3 pump station including 25 multi stage horizontal centrifugal pumps with total capacity of 56`160 m3/day, Control & SCADA System.

**Location:**

Semnan City – Tehran Province – Iran

**Main suppliers & Partners:**

SCADA System: SIMATIC

Pumps: Pumpiran (Iran)

Electromotor: (Siemens)

Mimic: Mauell

Valves: Mirab, LMI (Iran)

Compressor: Alup (Germany)

PLC: Siemens (Germany)

Crane: Sadad Machine (Iran)



OMRAB Eng. Co.

## Kermanshah Miandarband Telemetry & Control



**Project Name:**

Kermanshah Water Supply

**Client:**

West Regional water Company

**Consulting Company:**

Mahab Ghods

**Commencement Date:**

2004

**Contract Period:**

12 Month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

172'800 (m3/day)

**Project description:**

Design, Installation& Furnishing pump station by 24 high pressure multi stage centrifugal pumps with total Capacity of 172'800(m3/day) with surge protection System, Telemetry & Control system.

**Location:**

Miandarband – Kermanshah City – Kermanshah Province- Iran

**Main suppliers & Partners:**

Pumps: Pumpiran (Iran)

Electromotor: Siemens (Germany)

Telemetry system: Siemens and Motorella(Germany)

Electrical Panels: Siemens (Germany)

PLC: Siemens (Germany)

Instrument ation: Endress+Hauser (Germany)





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# Overseas Projects





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## Jebel Awlia City Water Treatment plant



**Project Name:**

Jebel Awlia City Water Treatment Plant

**Client:**

Khartoum State Water Corporation (KSWC) - Sudan

**Consulting Company:**

SANES Consulting Company

**Commencement Date:**

2005

**Contract Period:**

30 month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

68'000 m3/day

**Project description:**

Design, Engineering, Procurement and Installation of Mechanical, Electrical, Instrument Equipments and Control system

**The treatment Process:**

Conventional Treatment including:

Intake Pump station unit, Flash mixing unit, Flocculation & Sedimentation (Pulsator unit), Gravity Sand filter, Gas Chlorination, Chemical, Final Pump Station and Control System.

**Location:**

Jebel Awlia - Sudan

**Main suppliers & Partners:**

Pumps: Bombas Ideal (Spain)

Dosing System: Alldos (Germany)

Instrument: Endress + Hauser (Germany)

Electromotor: Siemens (Germany)

PLC: Siemens (Germany)

Electrical: Siemens (Germany)

Chlorination System: Alldos (Germany)

Pulsator fan: De-Raedt (Belgium)

Valve & Actuator: Ebro (Germany)





OMRAB Eng. Co.

## Mary City Water Treatment Plant



**Project Name:**

Mary City Water Treatment Plant

**Client:**

Ministry of Macro – Economic of Republic of Turkmenistan

**Commencement Date:**

1997

**Contract Period:**

9 month

**Type of Contract:**

EPC (Engineering, Procurement, Construction)

**Capacity:**

103'680( m3/day)

**Project description:**

Design & Engineering, Procurement, Installation of Mechanical, Electrical & Instrumentation & Control Equipments & Construction of water Treatment plant.

**The treatment Process:**

**Conventional Treatment**

**Including:**

Intake Unit, Pre sedimentation unit, Flash mixing unit, Flocculation & Sedimentation (Pulsator unit), Gravity Sand filter, Gas Chlorination System, Treated water pump station unit, Control System.

**Location:**

Mary City - Turkmenistan

**Main suppliers & Partners:**

Raw water Pump: EMU (Germany)

Dosing Pump: Dosapro (France)

Instrument: Endress + Hauser (Germany)

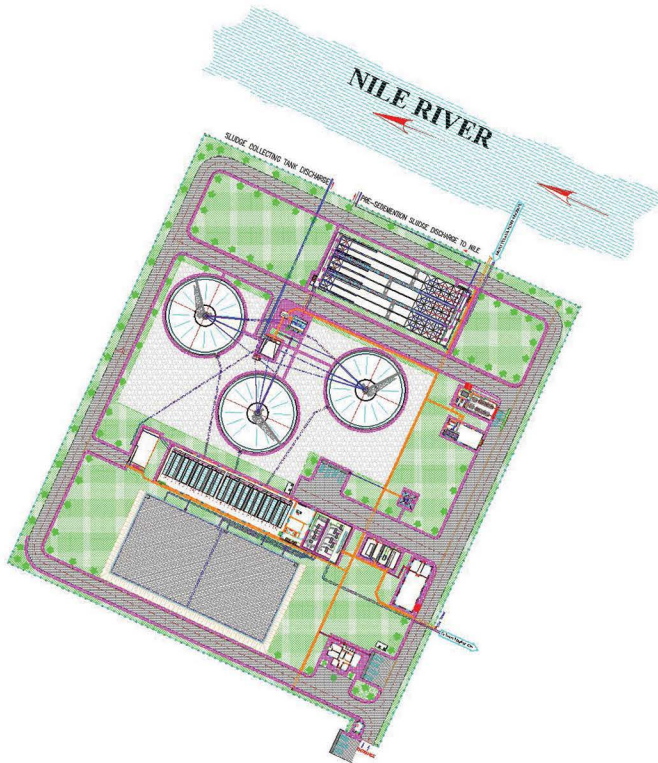
Electromotor: Siemens (Germany)

Mimic: Mauell (Germany)

Pulsator fan: De -Raedt (Belgium)



## UMM MAGHAT CITY Water Treatment Plant



<b>Project name:</b>	UMM MAGHAT City Water Treatment Plant
<b>Client:</b>	Republic of Sudan-Ministry of Finance and National Economy (MDF)
<b>Commencement Date:</b>	2012
<b>Contract Period:</b>	30 Months (Under Construction)
<b>Type of Contract:</b>	EPCF (Engineering, Procurement, Construction and Finance)
<b>Capacity:</b>	75,000 M <sup>3</sup> /day
<b>Project Description:</b>	Basic and Detail Design, Procurement, Installation and Fabrication, Construction of Mechanical, Electrical and Instrumentation Equipments of Water Treatment Plant.
<b>The Treatment Process:</b>	Conventional Treatment Including: Intake Pump Station, Pre sedimentation, Flash Mixing Unit, Clariflocculator, Gravity Sand Filter Recovery, Chlorination, Chemical and Control System.
<b>Location:</b>	Africa, Sudan, UMM MAGHAD City





## Atbara City Water Treatment Plant

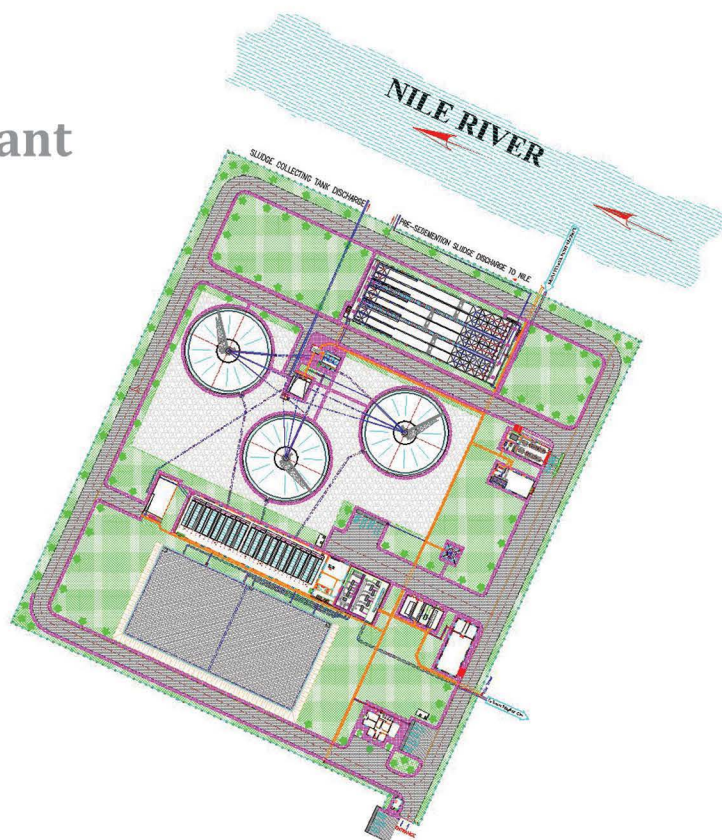


<b>Project name:</b>	Atbara City Water Treatment Plant - Sudan
<b>Client:</b>	Public Water Corporation (PWC)
<b>Commencement Date:</b>	2006
<b>Contract Period:</b>	30 month
<b>Type of Contract:</b>	EPC (Engineering, Procurement, Construction)
<b>Capacity:</b>	50`000 m3/day
<b>Project Description:</b>	Design, Engineering, Procurement and Installation of Mechanical, Electrical, Instrument Equipments and Control system
<b>The Treatment Process:</b>	Conventional Treatment including: Intake Pump station unit, Flash mixing unit, Flocculation & Sedimentation, Gravity Sand filter, Gas Chlorination, Chemical, Final Pump Station and Control System.
<b>Location:</b>	ATBARA
<b>Main suppliers &amp; Partners:</b>	Pumps: Pump IRAN (IRAN) Dosing System: Alldos (Germany) Instrument: Endress + Hauser (Germany) Electromotor: Siemens (Germany) PLC: Siemens (Germany) Electrical: Siemens (Germany) Chlorination System: Alldos (Germany) Mixer: Alldos (Germany) Valve & Actuator: Ebro (Germany), MIRAB (IRAN)





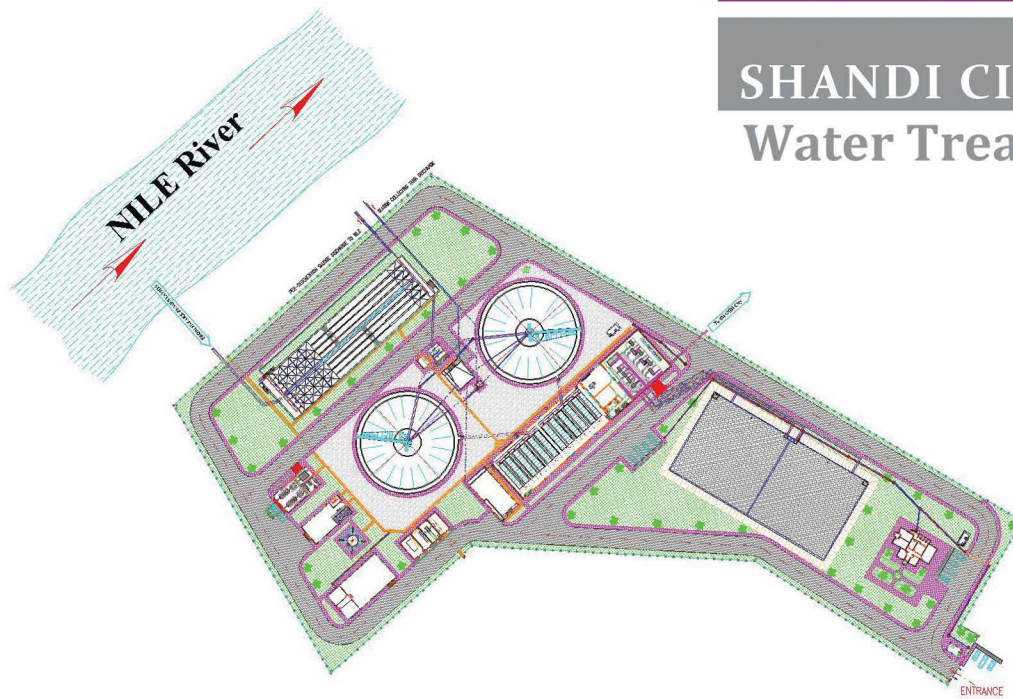
## WAD MADANI CITY Water Treatment Plant



- Project name:** WAD MADANI City Water Treatment Plant
- Client:** Republic of Sudan-Ministry of Finance and National Economy (MDF)
- Commencement Date:** 2012
- Contract Period:** 30 Months (Under Construction)
- Type of Contract:** EPCF (Engineering, Procurement, Construction and Finance)
- Capacity:** 75,000 M<sup>3</sup>/day
- Project Description:** Basic and Detail Design, Procurement, Installation and Fabrication, Construction of Mechanical, Electrical and Instrumentation Equipments of Water Treatment Plant.
- The Treatment Process:** Conventional Treatment Including: Intake Pump Station, Pre sedimentation, Flash Mixing Unit, Clariflocculator, Gravity Sand Filter Recovery, Chlorination, Chemical and Control System.
- Location:** Africa, Sudan, WAD MADANI City



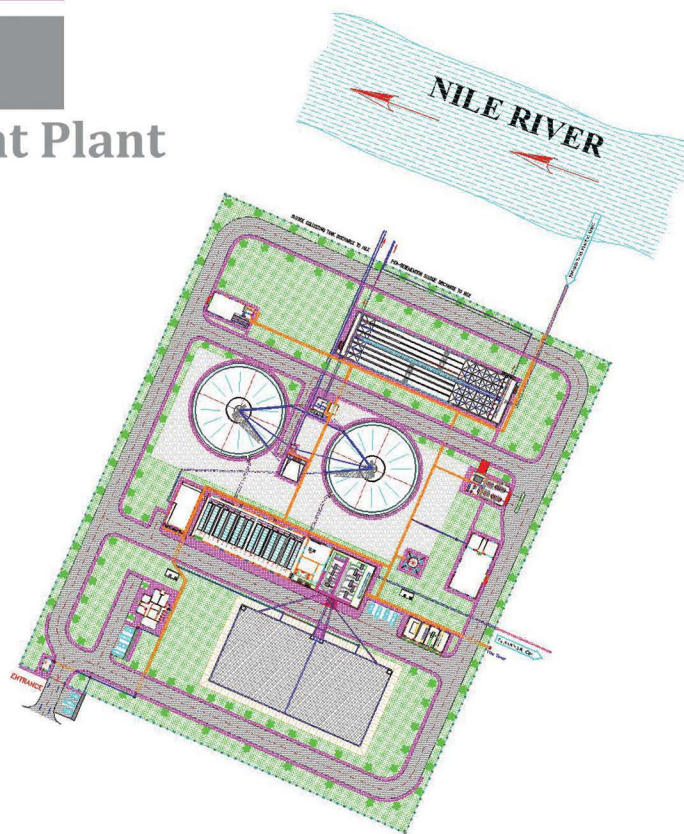
## SHANDI CITY Water Treatment Plant



- Project name:** SHANDI City Water Treatment Plant
- Client:** Republic of Sudan-Ministry of Finance and National Economy (MDF)
- Commencement Date:** 2012
- Contract Period:** 30 Months (Under Construction)
- Type of Contract:** EPCF (Engineering, Procurement, Construction and Finance)
- Capacity:** 50,000 M<sup>3</sup>/day
- Project Description:** Basic and Detail Design, Procurement, Installation and Fabrication, Construction of Mechanical, Electrical and Instrumentation Equipments of Water Treatment Plant.
- The Treatment Process:** Conventional Treatment Including: Intake Pump Station, Pre sedimentation, Flash Mixing Unit, Clariflocculator, Gravity Sand Filter Recovery, Chlorination Chemical and Control System.
- Location:** Africa, Sudan, SHANDI City



## SANNAR CITY Water Treatment Plant

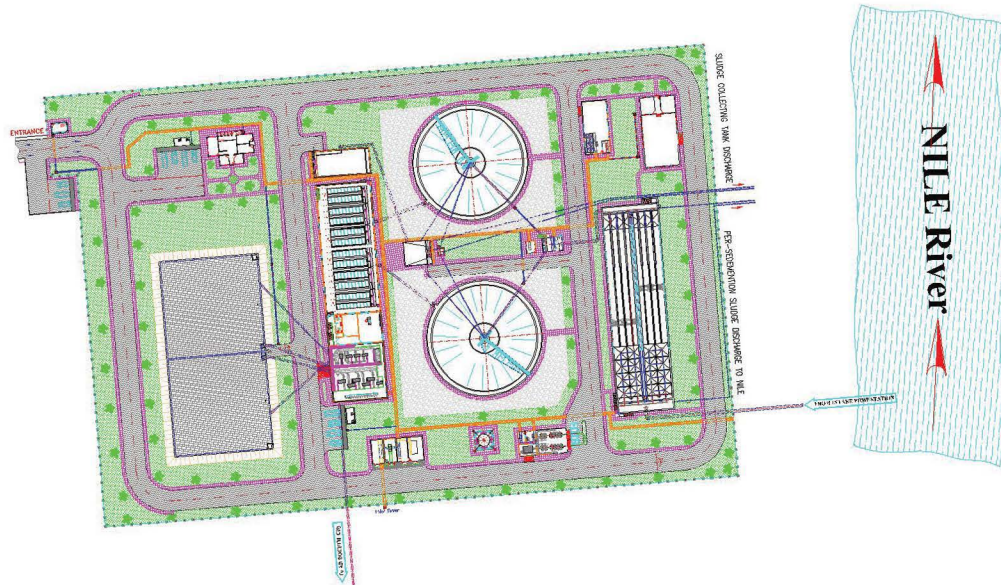


- Project name:** SANNAR City Water Treatment Plant
- Client:** Republic of Sudan-Ministry of Finance and National Economy (MDF)
- Commencement Date:** 2012
- Contract Period:** 30 Months (Under Construction)
- Type of Contract:** EPCF (Engineering, Procurement, Construction and Finance)
- Capacity:** 50,000 M<sup>3</sup>/day
- Project Description:** Basic and Detail Design, Procurement, Installation and Fabrication, Construction of Mechanical, Electrical and Instrumentation Equipments of Water Treatment Plant.
- The Treatment Process:** Conventional Treatment Including: Intake Pump Station, Pre sedimentation, Flash Mixing Unit, Clariflocculator, Gravity Sand Filter Recovery, Chlorination Chemical and Control System.
- Location:** Africa, Sudan, SANNAR City





## AD DOUEIM CITY Water Treatment Plant

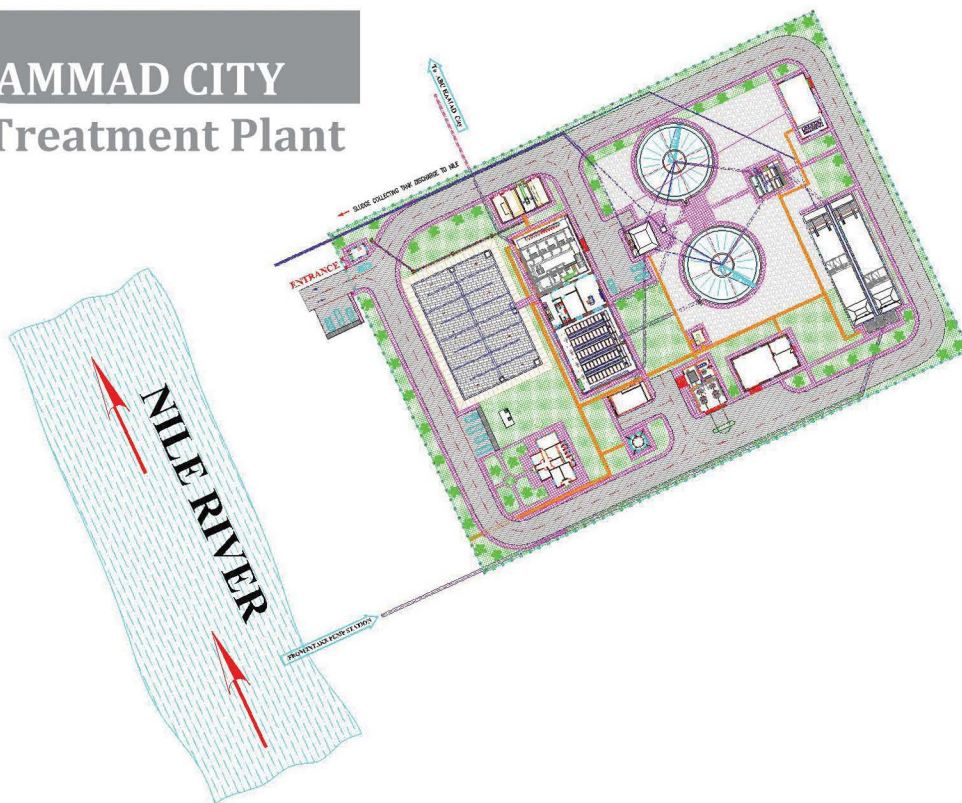


<b>Project name:</b>	AD DOUEIM City Water Treatment Plant
<b>Client:</b>	Republic of Sudan-Ministry of Finance and National Economy (MDF)
<b>Commencement Date:</b>	2012
<b>Contract Period:</b>	30 Months (Under Construction)
<b>Type of Contract:</b>	EPCF (Engineering, Procurement, Construction and Finance)
<b>Capacity:</b>	50,000 M <sup>3</sup> /day
<b>Project Description:</b>	Basic and Detail Design, Procurement, Installation and Fabrication, Construction of Mechanical, Electrical and Instrumentation Equipments of Water Treatment Plant.
<b>The Treatment Process:</b>	Conventional Treatment Including: Intake Pump Station, Pre sedimentation, Flash Mixing Unit, Clariflocculator, Gravity Sand Filter Recovery, Chlorination Chemical and Control System.
<b>Location:</b>	Africa, Sudan, AD DOUEIM City



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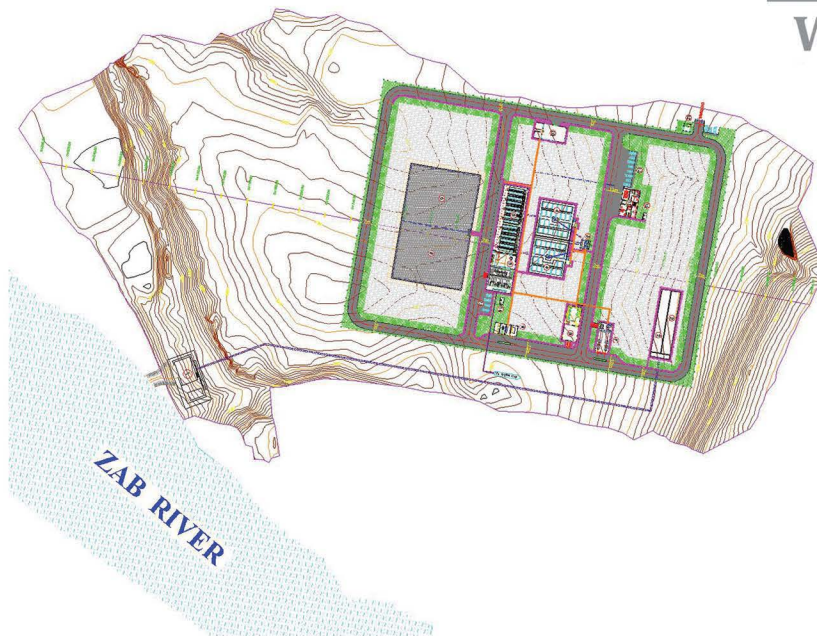
## ABU HAMMAD CITY Water Treatment Plant



- Project name:** ABU HAMMAD City Water Treatment Plant
- Client:** Republic of Sudan-Ministry of Finance and National Economy (
- Commencement Date:** 2012
- Contract Period:** 30 Months (Under Construction)
- Type of Contract:** EPCF (Engineering, Procurement, Construction and Finance)
- Capacity:** 20.000 M<sup>3</sup>/day
- Project Description:** Basic and Detail Design, Procurement, Installation and Fabrication, Construction of Mechanical, Electrical and Instrumentation Equipments of Water Treatment Plant.
- The Treatment Process:** Conventional Treatment Including: Intake Pump Station, Pre sedimentation, Flash Mixing Unit, Clariflocculator, Gravity Sand Filter Recovery, Chlorination Chemical and Control System.
- Location:** Africa, Sudan, ABU HAMMAD City



## AQRE Water Supply Project



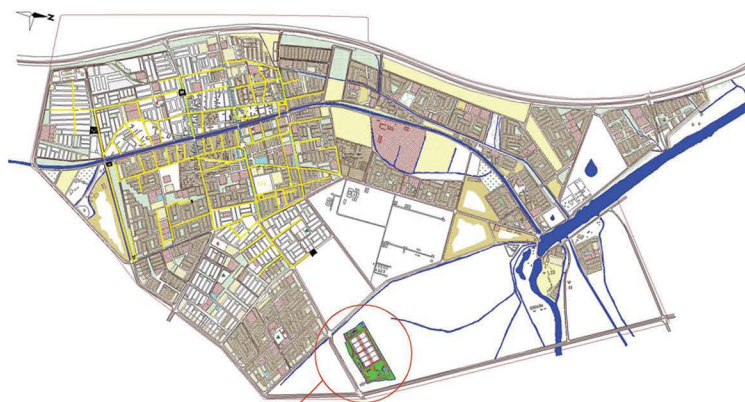
<b>Project Name:</b>	AQRE Water Supply
<b>Client:</b>	Kurdistan Regional Government (KRG) -Ministry of Municipality and Tourism
<b>Commencement Date:</b>	2012
<b>Contract Period:</b>	21 Months
<b>Type of Contract:</b>	EPC
<b>Capacity:</b>	76,000 M <sup>3</sup> /day
<b>Project Description:</b>	Design, Build and Operation of AQRE Water Supply Project
<b>Scope of Work:</b>	Intake Pump Station, Water Treatment Plant (880 lit/sec.), 3 Unit Booster Pump, 114 Km Water Transmission Line (Ductile Pipes), Power Transmission Line (45 Km, OHL 33 Kv), 20 Unit Concrete Reservoir Tanks.
<b>Location:</b>	Iraq, Kurdistan Region Government , Dohuk Governorate, AQRE City





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## Al-Shatrah City Sewerage Project



<b>Project name:</b>	Al-Shatrah City Sewerage Project (Turn - Key)
<b>Client:</b>	Republic of Iraq-Ministry of Municipality and Public Works (MMPW)
<b>Commencement Date:</b>	2012
<b>Contract Period:</b>	32 Months
<b>Type of Contract:</b>	EPC- Turn key
<b>Capacity:</b>	64,000 M <sup>3</sup> /day
<b>Project Description:</b>	Preparing Study and Design of Sewerage Project (Treatment Plant, Storm Water and Sanitary Networks, Main and Secondary Trunk lines Lifting and Forward Pump Stations) ,Including Supplying , Implementing , operating and Maintenance the First Stage of the Project (Turn- Key)
<b>Scope of Work:</b>	Sewage Treatment Plant (740 Lit/Sec.), Lifting and Forward Pump Stations, Approximately 150 Km Trunk Line and Distribution Network (UPVC, GRP, Ductile Pipes)
<b>Location:</b>	Iraq, Thi-Qar Governorate (Al-Naseryah) , Al-Shatrah City



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## HAJ OMRAN

### Design and Construction Complex



<b>Project name:</b>	HAJ OMRAN Complex.
<b>Client:</b>	Kurdistan Regional Government (KRG) -Ministry of Finance and Economy
<b>Commencement Date:</b>	2011
<b>Contract Period:</b>	12 Months (Under Construction)
<b>Type of Contract:</b>	DB (Design and Build)
<b>Project Description:</b>	Design and Construction Building and Landscaping.
<b>Scope of Work:</b>	Detail Design and Construction of 10,000 M <sup>2</sup> Buildings Including: Civil Works, Supply and Installation of Mechanical and Electrical Equipments, Sanitary and Sewage Treatment Systems.
<b>Location:</b>	Iraq, Kurdistan Region, Chooman Governorate, HAJ Omran Complex



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[www.omrab.com](http://www.omrab.com)





## Awards & Citations

**مهناز فایزی**  
 مهناز فایزی زان (اینگلیز) طوطا شایانیه مجبوریه اسلامی ایران  
 مهناز فایزی زان (اینگلیز) طوطا شایانیه مجبوریه اسلامی ایران  
 مهناز فایزی زان (اینگلیز) طوطا شایانیه مجبوریه اسلامی ایران



جمهوری اسلامی ایران  
 وزارت نیرو  
 اداره کل برق

۹۷۷۷۴۹  
 ردیف دفتر ثبت

**Mahnaz Fayazi**  
 Certified English Translator to I.R.I Jurisprudence  
 No. 145, Ghasem Gholami St., Mollasadat Blvd., Tehran - 1934  
 Tel: 00982122272222 Fax: 00982122272222 (E-mail: Translation.Office)

In the Name of God  
**Official Translation from Persian**

**Ministry of Energy**  
 Esfahan Regional Water Inc.

Date

July 31<sup>st</sup>, 2010

**OMRAB Co.**

We hereby express our appreciations for your valuable efforts in performing water transmission project from Zayandehroud to Kashan, which indicates outstanding potentials and competencies of experts of our Country.

Your success in serving the Islamic Republic of Iran is hereby wished and prayed for.

**Signed by:**

**Mohammad Ali Torfeh**  
 Chairperson of the Board of Directors & Managing Director

---

True Translation Certified  
 Tehran - June 30<sup>th</sup>, 2010



**Mahnaz Fayazi**  
 مهناز فایزی  
 مهناز فایزی زان (اینگلیز) طوطا شایانیه مجبوریه اسلامی ایران  
 مهناز فایزی زان (اینگلیز) طوطا شایانیه مجبوریه اسلامی ایران

Secretary Certified English Translation



OMRAB Eng. Co.

## Awards & Citations

مهرنار فایزلی  
مژده حسن پور ایلی، دکترای حقوق قضایی، قوه قضائیه جمهوری اسلامی ایران  
مستند: دفتر امور حقوقی و امور مجلس، تهران - شماره: ۹۶۷۲۵۰  
تألیف: مهرنار فایزلی - شماره: ۹۶۷۲۵۰  
تألیف: مهرنار فایزلی - شماره: ۹۶۷۲۵۰

رئیس دفتر است  
کمیسیون عالی  
قوه قضائیه

Mahnaz Fayazi  
Certified English Translator to I.R.I. Judiciary  
No. 967250, Tehran, Iran  
Tel: +982122272222 / 967250 (Office)

In the Name of God  
Official Translation from Persian

Ministry of Energy  
Tehran Regional Water Inc.

Date: June 13<sup>th</sup>, 2007

OMRAB Co.

We hereby express our appreciations for your valuable efforts in performing water transmission project from Cheshmeh Boozeh to Semnan, which indicates outstanding potentials and competencies of experts of our Country.

Your success in serving the Islamic Republic of Iran is hereby wished and prayed for.

Signed by:

Rasoul Zargar  
Deputy Minister in Waters & Wastewaters

True Translation Certified  
Tehran - June 30<sup>th</sup>, 2010

Mahnaz Fayazi  
مهرنار فایزلی  
مژده حسن پور ایلی، دکترای حقوق قضایی، قوه قضائیه جمهوری اسلامی ایران  
تألیف: مهرنار فایزلی - شماره: ۹۶۷۲۵۰  
تألیف: مهرنار فایزلی - شماره: ۹۶۷۲۵۰

مهرنار فایزلی  
مژده حسن پور ایلی، دکترای حقوق قضایی، قوه قضائیه جمهوری اسلامی ایران  
مستند: دفتر امور حقوقی و امور مجلس، تهران - شماره: ۹۶۷۲۵۰  
تألیف: مهرنار فایزلی - شماره: ۹۶۷۲۵۰  
تألیف: مهرنار فایزلی - شماره: ۹۶۷۲۵۰

رئیس دفتر است  
کمیسیون عالی  
قوه قضائیه

Mahnaz Fayazi  
Certified English Translator to I.R.I. Judiciary  
No. 967250, Tehran, Iran  
Tel: +982122272222 / 967250 (Office)

In the Name of God  
Official Translation from Persian

Emblem of the Islamic Republic of Iran  
Ministry of Energy  
Minister's Office

Date: February 4<sup>th</sup>, 2009

OMRAB Eng. & Const. Co.

The great project of water transmission from Dousti Dam to Mashhad City, which was performed under the blessings of God Almighty and trusting the managerial and technical potentials and competencies of Iran, was another step towards advancement of Iran, conveying a good message of valuable services to the pilgrims of Imam Reza Shrine.

We hereby express our congratulations to the personnel of that Company for achieving such success.

Signed by:

Seyed Parviz Fatah  
Minister of Energy

True Translation Certified  
Tehran - June 30<sup>th</sup>, 2010

Mahnaz Fayazi  
مهرنار فایزلی  
مژده حسن پور ایلی، دکترای حقوق قضایی، قوه قضائیه جمهوری اسلامی ایران  
تألیف: مهرنار فایزلی - شماره: ۹۶۷۲۵۰  
تألیف: مهرنار فایزلی - شماره: ۹۶۷۲۵۰



OMRAB Eng. Co.

## Membership

شماره: ۷۲۴۳-ع  
تاریخ: ۹۰/۳/۱۸

به نام خداوند جان و خرد

### شرکت مهندسی عمراب شماره ثبت: ۷۰۰۱۲

نظر به اینکه مطابق بررسی‌های انجام شده کمیته تعیین صلاحیت و عضویت، آن شرکت به عنوان  
عضو کانون مشاوران اعتباری و سرمایه‌گذاری بانکی پذیرفته شده است.  
لذا این گواهی عضویت به آن شرکت ابدائی شود.

(شماره عضویت: ۸۶۱)

این گواهی تا تاریخ ۹۰/۳/۳۰ اعتبار دارد.

دیرکل - علی‌رضا کریم نیاپور



رئیس شورای عالی - روح‌الله صادقی

۸۸۲۵۵۰



انجمن صادرکنندگان خدمات فنی و مهندسی ایران  
International Consultants and Contractor  
Association of Iran  
Establishment 1365

It is certificated that:  
**OMRAB COMPANY**  
Since 2007/08 /22 is member of International  
Consultants and Contractors Association of Iran

Membership Number: 316

Termination date: 20/03/2012

Issuance date: 21/03/2011

گواهی می‌شود:

شرکت عمراب

از تاریخ ۸۶/۵/۳۱ به عضویت انجمن صادرکنندگان خدمات فنی و مهندسی ایران نائل آمده است.

شماره عضویت: ۳۱۶

تاریخ انقضاء: ۹۰/۱۲/۲۹

تاریخ صدور: ۹۰/۰۱/۰۱

Chairman: A.E. Ansari  
رئیس هیات مدیره  
مصدر قاعده اعتباری





OMRAB Eng. Co.

## Membership





OMRAB Eng. Co.

## Certificates



Quality Certified

# *Certificate of Registration*

**Omraab Co**

No.227, Kajoor St, Mirdamad Blvd., Tehran, Iran  
23rd St., Saveh Industrial City, Iran

The above licensee has been assessed and registered by TQCS International Pty Ltd as having the capability to control the quality of goods or services provided in accordance with the conditions of the Licence Agreement at or from the addresses shown above, under a quality management system complying with the requirements of:

## **ISO 9001:2008**

The registration covers the design, fabrication, erection and commissioning of structures and vessels for industrial facilities, including mechanical, electrical and civil engineering activities.

Exclusions: 7.3 Design and Development

**Issue Date:** 18/3/2009

**Expiry Date:** 6/3/2012

**Licence No:** IR194-QC

**Original Certification:** 18/3/2009

**President**  
TQCS International (Group) Pty Ltd

**Accreditation Manager**  
TQCS International Pty Ltd  
For and on behalf of the  
TQCSI Certification Approval Panel

This certificate is valid as long as it is supported by an electronic copy at <http://www.tqcsi.com/> and surveillance audits are satisfactorily completed.



TQCS INTERNATIONAL PTY LTD  
<http://www.tqcsi.com/>




[www.jas-anz.com.au/register](http://www.jas-anz.com.au/register)



OMRAB Eng. Co.

## Certificates

محمد تقی فرامرزى، مترجم رسمى زبان انگليسى  
تهران، خيابان شريعتى، ابتدائى خيابان ميرداماد، شماره ۳.  
طبقه همكف، تلفن: ۲۲۲۶۵۳۱۴-۱۵، فاكس: ۲۲۲۶۵۳۱۶  
M. T. Faramarzi, Official Translator to Justice Administration  
Mirdamad Translation Office, No 3, Shari'ati Ave, Mirdamad  
Junction, Tehran. Tel : [+9821] 22265314-15. Fax: 22265316  
motafaramarzi@yahoo.com



جمهوری اسلامی ایران  
توضیحات: اداره مترجمین رسمی


شماره دفتر مترجم: ۶۷۷۶۸۱  
محمد تقی فرامرزى  
Official Translator to Justice Administration

Official Translation  
The Emblem of Iran  
**President of The Republic**  
**State Management & Planning Organization**  
Consultants & Contractors' Affairs Office

No.: 515/96927  
Date: Sept. 3, 2006

To: **Mr. FARZIN MAHDYAR,**  
Esteemed Managing Director of **Omrab Company**  
Add.: No. 227, Corner of Kajour St., Mirdamad Blvd., Tehran, Iran.

**Consultancy Services Qualification Certificate**



Dear Mr. MAHDYAR,

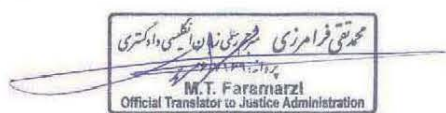
On the strength of By-Law for Qualification of Design and Build Contractors, subject of Decree No. H29857T/15117 dated June 1, 2005 issued by the esteemed Cabinet and according to its ratification, the qualification and grading of **Omrab company** with respect to performance of projects according to Design and Build Contractors method is declared as follows:

- 1- Grade 1, contracting in the field of water.
- 2- Grade 1, specialty in the field of water and wastewater utilities.
  - Grade 1, Design and Build contracting (water- water and wastewater utilities).

Furthermore in the event of jobs being assigned to you, compliance with the provisions of the By-Law on job assigned to Design and Build Contractors, subject of Decree No. H29856T/12343 dated May 23, 2005 issued by the esteemed Cabinet and other Circulars of State Management & Planning Organization shall be mandatory.

Signed by Director-General  
Date: Sept. 2, 2006  
Add.: Ladan St., Sheikh Bahaei Ave., Tehran, Iran. Tel.: 88041836, Fax: 88053074.  
Email: ccb-dta@mporg.ir      www.mporg.ir

True Translation certified.  
January 7, 2007, KA/Omrab, 7319



M.T. Faramarzi  
Official Translator to Justice Administration





OMRAB Eng. Co.

## Certificates

دار الترجمة رسمی آبادانا  
حسین رستمی: مترجم رسمی زبان انگلیسی دولتی جمهوری اسلامی ایران  
تهران، خیابان شهروندی شمالی، نبش آبادانا، پلاک ۱۶۶  
تلفن: ۸۸۷۴۰۱۳۵ - ۸۸۷۴۴۴۶۶ فاکس: ۸۸۷۶۱۱۰۳  
Hossein Rostami - Official English Translator  
Justice Administration of the Islamic Republic of Iran  
Tehran - No. 166, North Sohrevardi St.  
Tel.: 88740135 - 88744366 Fax: 88761103

شماره دفتر: ۷۲۳۳۹۹  
H.ROSTAMI  
Official Translator  
Justice Administration  
Lic.no.: 6/8659

جمهوری اسلامی ایران  
وزارت فرهنگ و ارشاد اسلامی - اداره مترجمین رسمی

Emblem of the Islamic Republic of Iran  
Office of the President  
State Organization for Management and Planning

**Certificate of Contractual Qualification**

Date : Feb. 23, 2008  
No. : 11261

To : Mr. Farzin Mahdyar  
**Respectable Managing Director of OMRAB ENGINEERING COMPANY**

By virtue of the ratification No. H23251T/48013 dated March 2, 2003 issued by the honorable Board of Ministers, the qualification of that company for performing contractual works is declared as described below :

- Base 1 in Hydraulics Field,
- Base 1 in Construction Field,
- Base 1 in Installations and Equipment Field,
- Base 3 in Electricity Field,
- Base 3 in Industry and Mine Field.

The validity of this certificate is maximum four years from the date of issue and to the end of the evaluation period.

Signed and Sealed by :

- Dept. of Technical Affairs / Deputy
- Dept. of Consultants and Contractors / General Director

True translation certified  
April 16, 2008

H.ROSTAMI  
Official Translator  
Justice Administration  
Lic.no.: 6/8659

Only the authenticity of the translation of the Official Translator is certified. This certification does not assure the accuracy of the translation or the authenticity of the translated document. Department of Official Translators' Affairs of the Judiciary of the Islamic Republic of Iran.

۱۰۰۰۰/۲/۱۵۱

۱۰۰۰۰/۲/۱۵۱

۱۰۰۰۰/۲/۱۵۱

# Certificates & Awards

- Certificates
- Membership
- Awards & Citations



OMRAB Eng. Co.



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Tehran –Iran  
Phone No. : (009821) 29780  
Fax No. : (009821) 22222874  
Email: [info@omrab.com](mailto:info@omrab.com)  
Website: [www.omrab.com](http://www.omrab.com)

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