



**Pars Ab Tadbir
Engineers Co.**

**شرکت مهندسی
پارس آب تدبیر**



Company Introduction

Pars AB Tadbir Consultant Engineering Company (PAT) commenced its activities for providing specialized consulting services in the field of water industry and environment in the year 2001. Meanwhile with proper management and planning as well as hard works of its managers and experts during the past years, it has been able to be qualified as a first-tier consultant in the field of water and wastewater network and treatment plants, and has obtained ISO9001, ISO10002, ISO10004, and ISO10006 certificates, and also has been registered as a consultant with the Islamic Development Bank (IDB). PAT has also expanded its activities in other specialized fields from offshore seawater intake facilities and desalination plants, Environmental Impact Assessment (EIA) and Social Impact Assessment (SIA), retrofitting, structure, project management, surveying, GIS, as well as irrigation and drainage network, etc. Since 2013, the company has established itself in the field of implementation by expanding its activities, being qualified for contracting in the field of water, operation and maintenance of sewer networks, water facilities and treatment plants and receiving ISO14001, OHSAS18001, HSE certifications. Accordingly, it has succeeded in receiving the rank 1 in the subspecialty of non-industrial Engineering, Procurement and Construction (EPC). Currently, the managers and experts of PAT, using their experiences and up-to-date knowledge, and within the framework of national and international codes and standards, try to promote the efficiency of investments and to satisfy its employers by performing the required engineering services for the relevant projects. Relying on nearly two decades of valuable experience and superior technical and engineering capacity and having high specialized knowledge, we hope to be able to play an effective role in this field, and to take action for developing our country's infrastructure by implementing efficient projects

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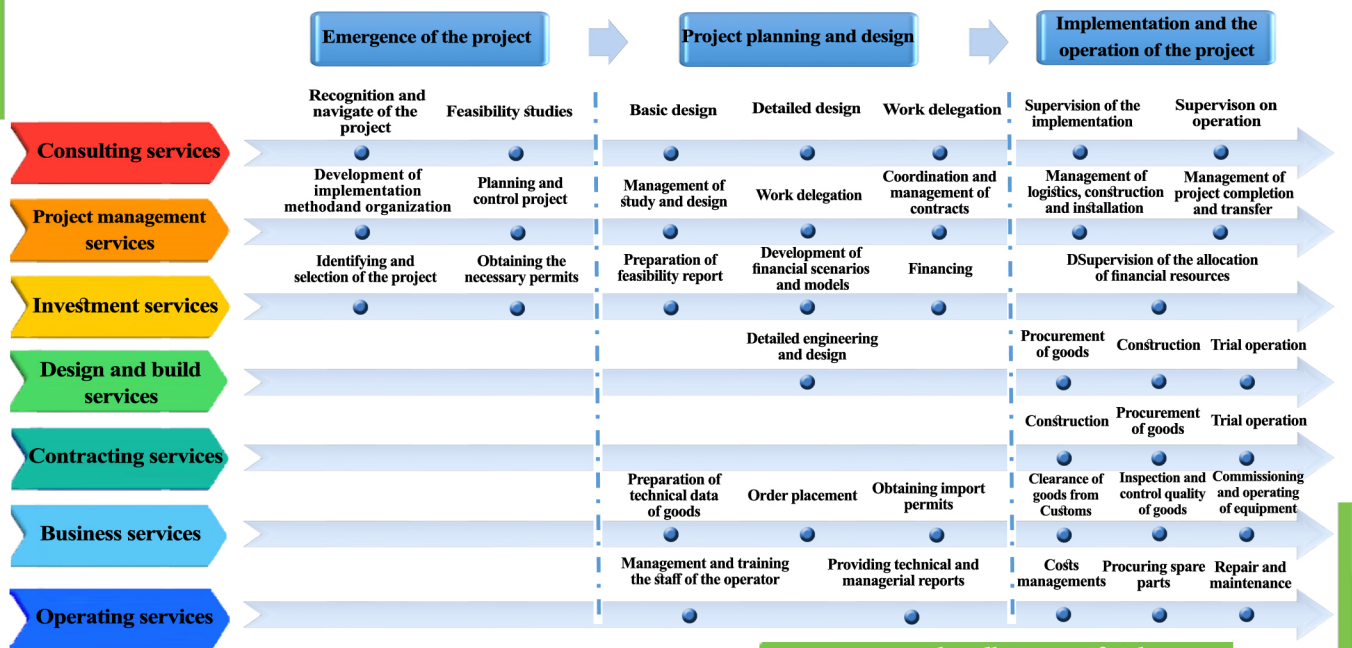
Core values

- Participate in the sustainable development of the country and upgrade infrastructure
- Improving the quality of services with innovation in services, Continuous improvement
- Strengthen appropriate relationships with employers and customers with Commitment to the Charter of Professional Ethics
- Commitment to the optimal use of national resources and the preservation of the environment Biology using modern world sciences

Join forums



Company's Services



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Fields of Activity

Water Facilities

Treatment plants, water intakes and desalination plants, pumping stations, transmission lines, land and aerial tanks, distribution network, management of use and sources of water and their quality.

Wastewater facilities

Collection and transmission networks, urban, rural and industrial wastewater treatment plants, effluent reuse, surface water collection networks

Environment

Environmental and social impacts assessment, monitoring of infrastructure, industrial, oil, gas projects, preparation of action plans for management of industrial effluent, dealing with incidents, etc.

Buildings and structures

Analysis, design and preparation of executive drawings along with seismic design of the structures of the buildings, non-buildings and installations, design of access road, landscaping and canals, etc.

Retrofitting

Evaluation of load-bearing and providing seismic improvement solutions for all structures, calculations and evaluation of improvement plans, preparation of executive instructions along with cost estimation .

Surveying

Preparation of topographic maps in urban, cadastral and regional formats, surveying and mapping operations of various projects of facilities and preparation of maps.

Geographic spatial information

Data management and online display of information (WEBGIS), preparation and design of geographic databases, design and production of localized software in water industry .

River engineering

Rehabilitation and organization of rivers, stabilization of the route, protection of the river wall and bank, flood control, determination of the bed limit, re-naturalization, etc.

Irrigation and Drainage

Investigation of the status quo of drainage and land improvement, design of water diversion and intake facilities, irrigation and drainage network, design of irrigation and drainage network of farms and land leveling.

Economic studies and financing

Identifying and attracting financial resources and investors, determining the most appropriate methods of financing, financial analysis, obtaining permits and monitoring the financial performance of projects.

Ranks obtained by the Company

1 Design and Build

1 Water Facilities Consultation

1 Wastewater Facilities Consultation

1 Water Field Contracting

1 Maintenance and operation of wastewater treatment plant

1 Project management for water and wastewater facilities

2 Land surveying

2 Environment

2 GIS

3 Retrofitting

3 Irrigation and Drainage Consultation

3 Structural Consultation

4 Operation and maintenance of desalination plant

3 Maintenance and operation of sewerage network

3 Maintenance and operation of drinking water facilities

5 Contracting in the field of facilities and equipment

5 Contracting in the field of buildings and structures

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Certificates received from



National Planning and Budget Organization



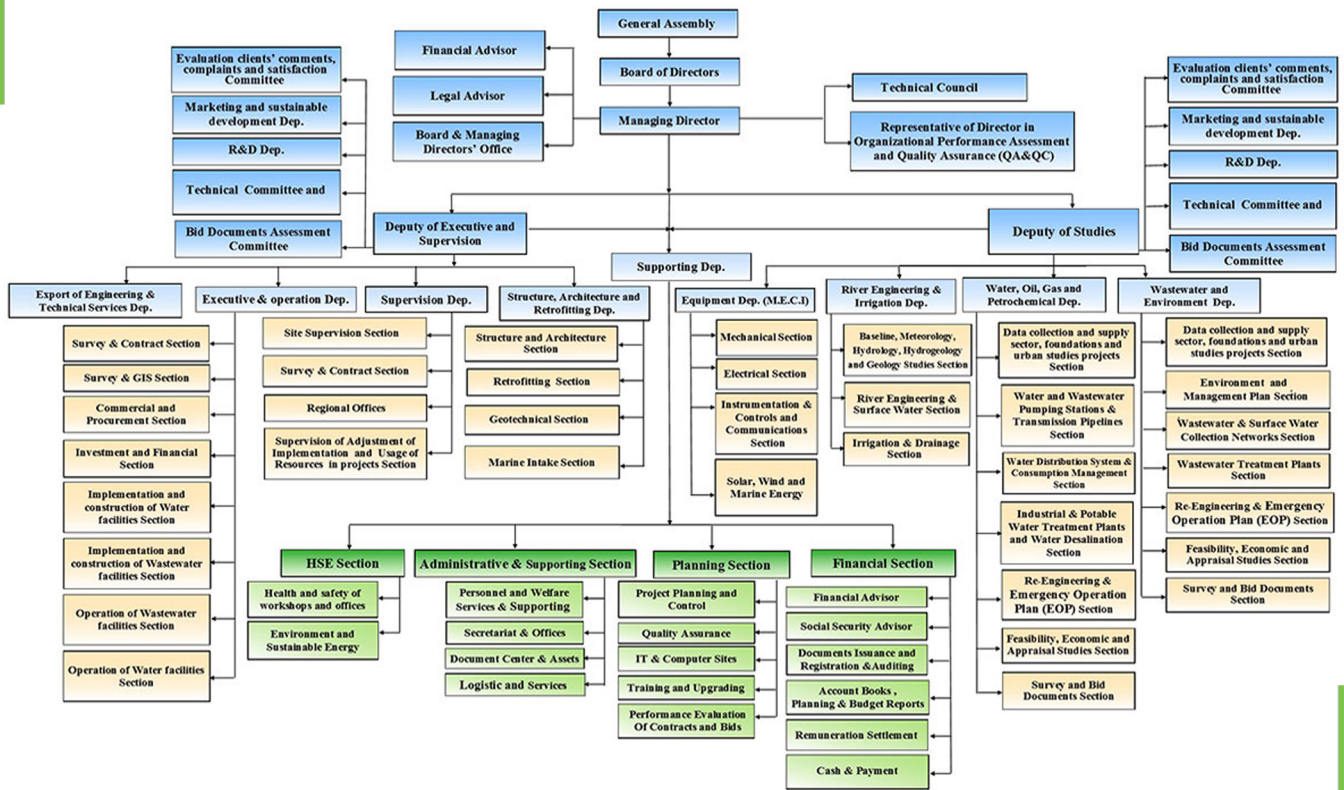
National Water and Wastewater Engineering Company



Islamic Republic of Iran
Ministry of Cooperatives,
Labor and Social Welfare



Company organizational chart

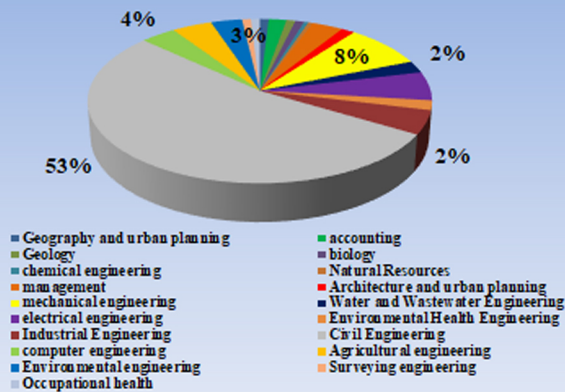


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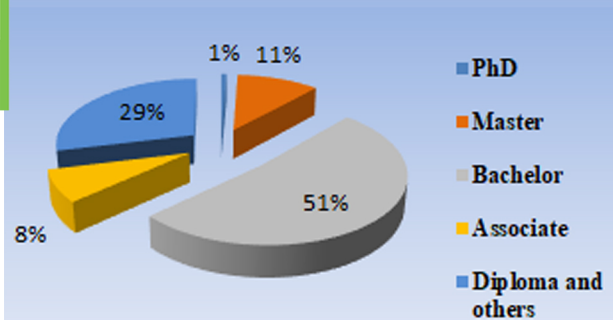
Some of Colleagues



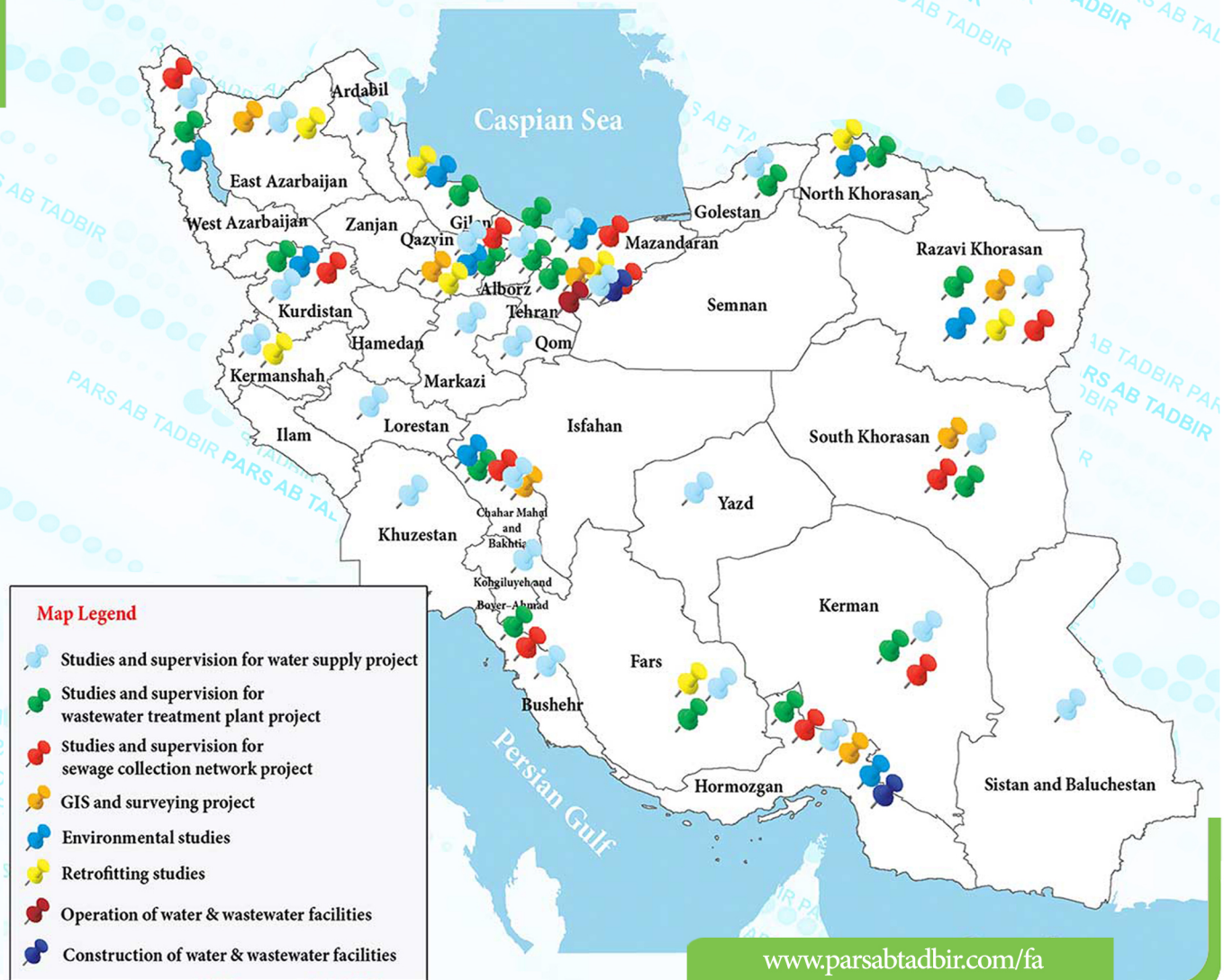
Distribution of study of the personnel



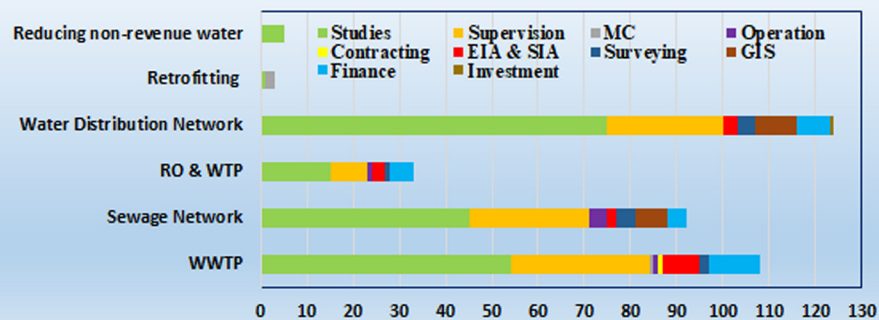
Distribution of qualifications of personnel



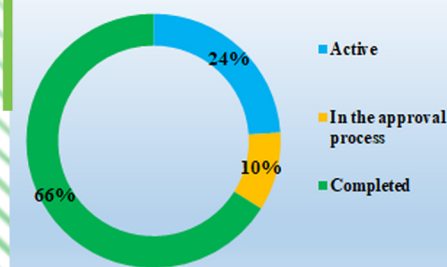
Dispersion of projects



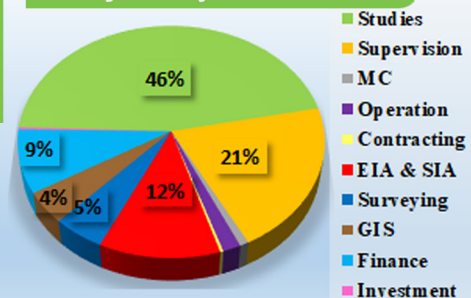
projects - type of plans and services



Separation of project status



Projects by service area



Selected Projects of the Company

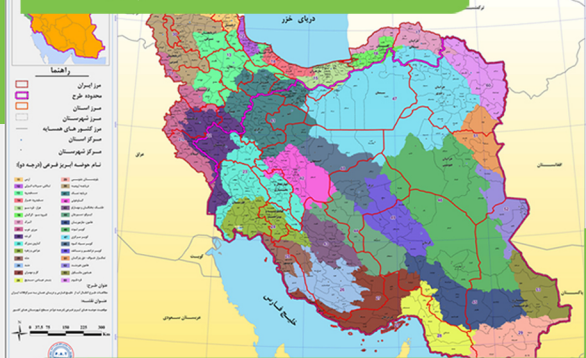
Water Projects

- ☒ Studies of water supply project from the Persian Gulf and the Sea of Oman to the center of the Iranian plateau in 17 provinces with a covered population of 48.5 million people.
- ☒ Master plan to evaluate the use of saline and brackish water in the southern coastal strip of the country, with the capacity of desalination plants of 1020 million cubic meters per year.
- ☒ First, second and third phase studies of water desalination plants in Bandar Abbas with a capacity of 100,000 cubic meters.
- ☒ Improvement and development of Tehran water distribution network project with an altitude difference of about 600 meters.
- ☒ Comprehensive water supply plan to Sistan and Baluchestan with a capacity of 228 million cubic meters and an altitude difference of 2,000 meters.

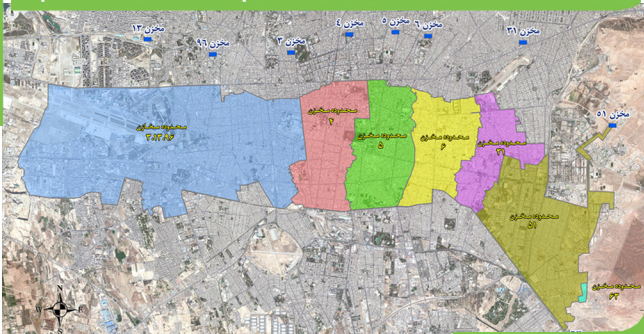
Water supply for the southern coastal areas of the country



Water supply to the center of the Iranian plateau



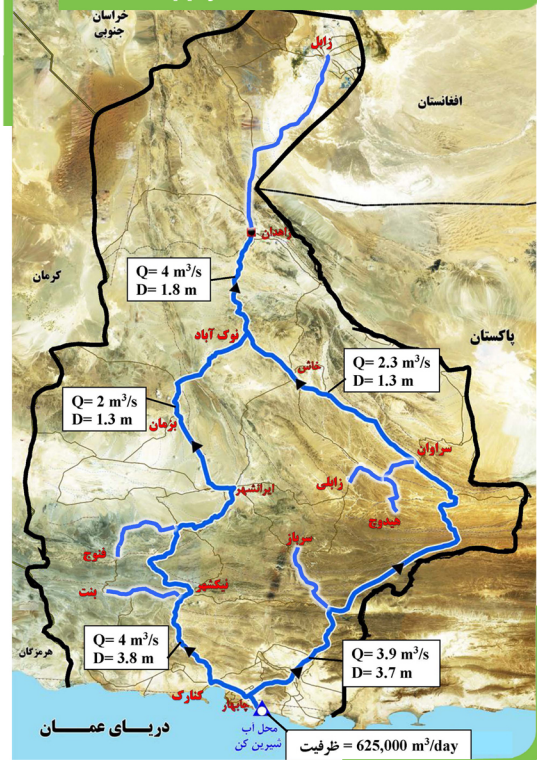
Improvement and development of Tehran water distribution network



Environment

- ☒ Social and environmental impact assessment studies of water and wastewater projects in Rasht, Anzali, Sari and Babol in order to obtain a World Bank loan.
- ☒ Environmental impact assessment studies of Shahriar wastewater treatment plant for obtaining ECO bank loan.
- ☒ Emergency Operation Plan (EOP) studies for water & wastewater facilities in Rasht and Anzali.
- ☒ Environmental impact assessment studies for Ghaemshahr, Amol, Tonekabon and Mahmoud Abad Wastewater Projects for obtaining a loan from Islamic Development Bank (IDB).

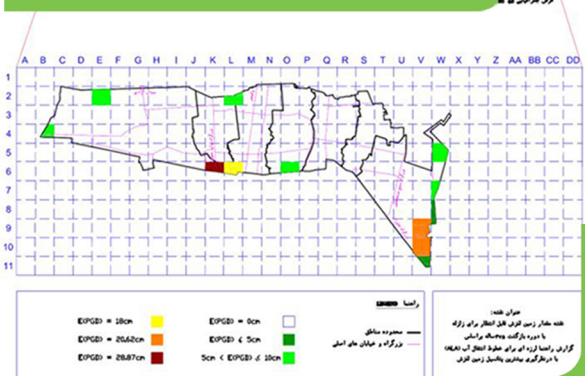
Water supply to Sistan and Baluchestan



Retrofitting

- ☒ First and second phase studies of seismic improvement of telephone centers of Shahid Ghandi, Vahdat, Vali-e-Asr, Isar and PC Modares of Urmia.
- ☒ Project management services for retrofitting projects of the country's water supply systems against earthquakes for 8 cities.
- ☒ Seismic studies of Tehran water distribution network.

Seismic studies of Tehran water distribution network



Bandar Abbas Desalination Plant



Selected Projects of the Company

Western Tehran Wastewater Treatment Plant



Wastewater Treatment Plants

- ☒ Supervising the construction of Western Tehran wastewater treatment plant with a capacity of 528,000 m³/d, financed by IDB Bank.
- ☒ Studies and supervision of the construction of treatment plants in Mashhad, Karaj, Shahriar etc.
- ☒ Detailed design of Perkandabad wastewater treatment plant, 120,000 m³/d.

Investment, financing studies

- ☒ Participation in financing for drilling and drilling 14 drinking water wells using BOT method in Mashhad.
- ☒ Conducting engineering services of technical consultant for construction of Mallard wastewater treatment plant using BOT method.
- ☒ Preparation of financial feasibility report for sewage facilities of Dargahan, Lengeh and Kang, and Khomeir port using buy back method.

Shahriar wastewater treatment plant



Alteymour wastewater treatment plant, Mashhad



Khin Arab wastewater treatment plant, Mashhad



Payabar-e-Azam wastewater treatment plant, Bandar Abbas



Malard wastewater treatment plant



Special projects in water and sewage facilities

- ☒ Supplementary services for re-engineering of Bandar Abbas sewage project.
- ☒ First phase studies of improvement, reconstruction, upgrading of the existing drinking water treatment plant in Sanandaj.
- ☒ Reduction of unaccounted water studies for Islamshahr, Varamin, Fooman etc.
- ☒ Re-engineering and improvement studies of Sari pumping station.
- ☒ Value engineering studies for Bukan wastewater treatment plant.

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Selected Projects of the Company

Tehran Sewage Collection Network



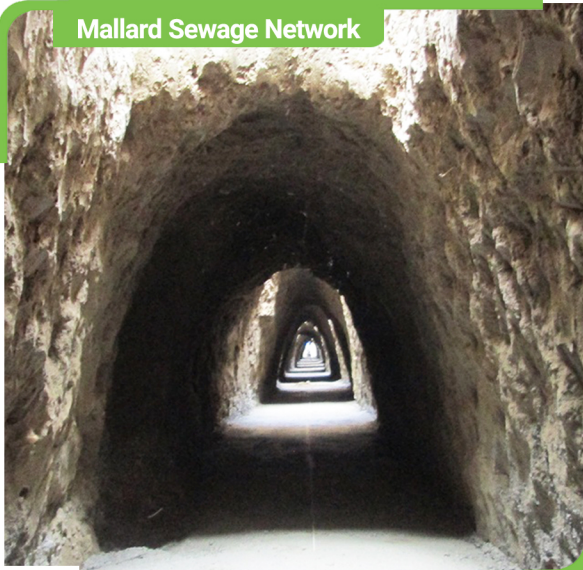
Tehran Sewage Collection Network

- ☑ Supervision of sewerage network implementation, 1,800 km, east and southwest of Tehran.
- ☑ Operation of sewerage network in 1st to 4th and 6th districts of Tehran, 1,000 km.
- ☑ First and second phase studies of sewage projects in Amol, Ghaemshahr, Varamin, Pakdasht, Shahriyar, Mallard, etc.

Ghaemshahr Sewage Project



Mallard Sewage Network



Surveying

- ☑ Performing surveying services in Shahriar and areas around Bardabad and Kohanz, about 620 hectares.
- ☑ Performing engineering services for surveying operations in Surashjan and Ardal, about 230 hectares.
- ☑ Performing surveying services in Rudan, about 900 hectares.

Land surveying of Qarchak water desalination plant



Implemented Tehran sewage network (As Built) in GIS



Geographic information System (GIS)

- ☑ Preparation of intelligent GIS maps of implemented network and sewerage connections (As Built), 14,000 km, Tehran.
- ☑ Performing GIS engineering services for water, sewage networks and subscribers in the cities of Hormozgan province.
- ☑ Preparation of GIS from information of water distribution network (about 240 km) and 62 km of transmission line, 6 aerial and ground tanks and 24 wells of Qarchak.

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Some of the Records of the Company

Title	Name of employer	<div><div><div>Feasibility studies</div><div>Detailed design</div><div>Supervision</div><div>Equipment supply/implementation</div><div>MC</div></div><div><div>Basic design</div><div>Holding the bidding</div><div>Subsidiary services</div><div>Operation</div><div>Investment</div></div></div>					
Studies and supervision of Varamin sewage project using EPC, PC and BOT methods with an area of about 3400 hectares, population of 522,000 people and A2O treatment process	Southeastern Tehran Province Water & Wastewater Company						
Studies and supervision of Pakdasht sewage project using EPC, PC and BOT methods with an area of about 3100 hectares, population of 386,000 people and A2O treatment process	Southeastern Tehran Province Water & Wastewater Company						
Studies and supervision of Ghaemshahr sewage project with covered area of about 3,000 hectares, population of 3,658,000 people and SBR treatment process	Mazandaran Province Water & Wastewater Company						
Third phase studies of Al-Teymour Wastewater Treatment Plant No. 4, Mashhad with a covered population of 472,000 people, capacity: 75,000 cubic meters per day and activated sludge treatment process with nitrogen removal using anaerobic digester (MLE)	Mashhad Water & Wastewater Company						
Technical and executive consulting services for the construction of Golbahar wastewater treatment plant using BOT method with a capacity of 30,000 cubic meters per day, covered population of 200,000 people and ASBR treatment process	Khorasan Razavi Province Water & Wastewater Company						
First and second phase studies of Salmanshahr, Abbasabad, Neshtaroud and Klarabad sewage projects with an area of about 3,000 hectares, covered population of 54,000 people and network and transmission lines about 350 km	Mazandaran Province Water & Wastewater Company						
Supplementary studies and administrative and workshop supervision on Bandar Abbas sewage project with an area of about 7,000 hectares, a population of 1,070,000 people; network and transmission lines of about 900 km and activated sludge treatment process	Hormozgan Province Water & Wastewater Company						
First, second and third phase studies of the project of implementing the first module of Eshtehard wastewater treatment plant with an area of about 1,200 hectares, population 75,000; network and transmission lines of about 200 km in length and SBR treatment process	Alborz Province Water & Wastewater Company						
Carrying out studies to upgrade the capacity of Babel wastewater treatment plant for a covered population of about 389,000 people	Mazandaran Province Water & Wastewater Company						
First and second phase studies of the sewage project for Choghadak and Alishahr cities with an area of about 1200 hectares, population of 140,600 people; 181 km network and transmission lines and UASB + Activated sludge treatment process	Bushehr Province Water & Wastewater Company						
Performing management and engineering services for the quantitative and qualitative improvement of Qazvin wastewater treatment plant using EPC method with a covered population of 171,000 people for 3 modules; capacity: 108,000 cubic meters per day per module and MLE treatment process	Qazvin Province Water & Wastewater Company						
First phase studies and holding a bidding process for the design of the septage wastewater treatment plant in Mashhad using design and build method with a capacity of 3,000 cubic meters per day	Mashhad Water & Wastewater Company						
First phase studies of the septage wastewater treatment plant in Gorgan, covered population: 450,000 people, capacity: 540 cubic meters per day and activated sludge treatment process	Golestan Province Water & Wastewater Company						
Third phase studies of Dargahan and Tula sewage projects, network length: 130 km, Tula treatment plant: package, area of Dargahan: 1,073 hectares, population of Dargahan: 37200 people	Hormozgan Province Water & Wastewater Company						
Studies of Parsian sewage collection network and treatment plant project with covered area: 952 hectares, covered population: 46400 people, length of sewage collection network: 128 km and treatment process: UASB + activated sludge	Hormozgan Province Water & Wastewater Company						
Third phase studies (administrative and workshop supervision) of Faradenbeh sewage project with an area of about 330 hectares and a population of about 22,500 people	Chaharmahal va Bakhtiari Province Water & Wastewater Company						
First, second and third phase studies and surveying of Shahriar and Mallard sewage projects and development areas with covered area: 500 hectares and a network of 99 km in length	Western Tehran Cities and Town Water & Wastewater Company						

Some of the Records of the Company

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Basic design and administrative and workshop supervision for construction of Karaj wastewater treatment plant, covered population: about 560,000 people and treatment process: activated sludge by removal of nitrogen using anaerobic digester (MLE)	Alborz Province Water & Wastewater Company						
Administrative and workshop supervision on executive operations and water supply and distribution projects in Mahmoud Abad educational and sports complex with an area of 57 hectares	National Iranian Oil Company						
Studies of cognition, environment and the first and second stages of Tonekabon comprehensive water supply plan with a covered area of 193 hectares	Mazandaran Province Water & Wastewater Company						
Surveying, second phase studies and holding a bidding process for transmission lines and a part of water supply network of Qarchak with a covered area of 66 hectares; construction of a 20,000 cubic meter reservoir proposed in the project	Southeastern Tehran Province Water & Wastewater Company						
Cognition studies engineering services; first phase and holding of the bidding process for design of transmission lines and desalination plant of Galougah using BOO method, covered population: 36,000 people and desalination capacity: 5,450 cubic meters per day	Mazandaran Province Water & Wastewater Company						
Second and third phase studies of Sari water supply pumping station with transmission line of 2 km in length, reservoir: 25,000 cubic meters, pumping station flow rate: 330 liters per second and pumping height: 30 meters	Mazandaran Province Water & Wastewater Company						
Studies on the design of drinking and non-drinking water network of Ferdowsi University of Mashhad with a covered population of 35,000 people in the year 2035, distribution network: 25 km, covered area: 225 hectares, pipe diameter from 93mm to 300mm	Ferdowsi University of Mashhad						
Studies and basic design of comprehensive water supply plan to cities and villages of Sistan and Baluchestan province with a capacity of 228 million cubic meters per day of desalination plants and dynamic height of 400 meters	Sistan and Baluchestan Province Water & Wastewater Company						
First, second and third phase studies of the water supply project to the populated areas along the water transmission line of Mamlu Dam to Tehran with transmission lines: about 20 km, covered population in cities and residential centers: 450,000 people	Southeastern Tehran Province Water & Wastewater Company						
Performing operation of Qarchak desalination system using reverse osmosis (RO) method with a capacity of 10,000 cubic meters per day	Southeastern Tehran Province Water & Wastewater Company						
Engineering services for reviewing and updating the first and second phase studies of Sarayan water supply project with the covered network of 30 km and transmission line of 5 km in length	Southern Khorasan Province Water & Wastewater Company						
Engineering services of the second and third phases of the drinking water systems project in Tabriz and suburbs with a total length of about 1,100 km	Eastern Azarbaijan Province Water & Wastewater Company						
Studies and supervision of the collection network and transmission lines of Torbat Heydariyeh with a length of about 330 km	Khorasan Razavi Province Water & Wastewater Company						
Studies and supervision of the implementation of water transmission lines and storage tanks of water supply project from the 7th treatment plant of Tehran (Mamlu Dam) with a covered population in cities and residential centers of 450,000 people	Southeastern Tehran Province Water & Wastewater Company						
Conducting engineering services of technical consultant for construction of Mallard wastewater treatment plant using BOT method with a capacity of 800,000 cubic meters per day	Western Tehran Cities and Town Water & Wastewater Company						
Engineering services of preparation of the final feasibility report for modules 7 and 8 of the southern treatment plant and the collection network of Tehran area using DBF method to be presented to the Bank of Industry and Mines with a covered population of 1,200,000 people	Tehran Sewage Company						
Maintenance and operation of sewerage networks in areas one, four and six of ABFA in Tehran with a length of about 1000 km	Tehran Sewage Company						

Some of the Records of the Company

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Engineering services of preparation of feasibility report and holding bidding process for construction of water desalination project using BOO method in some cities of Hormozgan province, from 5,000 cubic meters to 100,000 cubic meters in volume	Hormozgan Province Water & Wastewater Company						
Engineering services of prepration of feasibility report for Souza, Garouk Bandar Charak desalination plant Charak-Bastak transmission line and Muharram to Bastak secondary line through finsing investor using BOO method, capacity: 15,000 cubic meters	Hormozgan Province Water & Wastewater Company						
Studies and supervision of Amol sewage project with covered area of about 3,600 hectares, covered population of 360,000 people and treatment process: activated sludge with nitrogen removal (MLE)	Mazandaran Province Water & Wastewater Company						
Project management services for construction and upgrade of Parkandabad wastewater treatment plant with a covered population of one million people, capacity: 200,000 cubic meters per day and treatment process: activated sludge with continuous aeration	Mashhad Water & Wastewater Company						
Performing engineering services, leading maintenance operations and performing videometric services of sewage collection networks implemented in the cities of Hormozgan province, about 30 km	Hormozgan Province Water & Wastewater Company						
Construction of the first module of Pishva wastewater treatment plant with partnership of Ab Pardazan Bahar Company, covered population: 68,000 people (first module) with a capacity of 11,145 cubic meters per day	Southeastern Tehran Province Water & Wastewater Company						
Construction of the first module of Pishva city wastewater treatment plant with the participation of Ab Pardazan Bahar Company. Population covered: 68,000 people (first module) with a capacity of 11145 cubic meters per day	Southeastern Tehran Province Water & Wastewater Company						
Construction of the first module of wastewater treatment plant in Maskan Mehr Payambar Azam town with the participation of Ab Pardazan Bahar Company with a capacity of 8100 cubic meters per day and a 1.5 km wastewater transmission line	Hormozgan Province Water & Wastewater Company						
Operation, management and maintenance of Zargandeh wastewater treatment plant in Tehran with a capacity of 9000 cubic meters per day	Tehran Sewage Company						
Operation and maintenance of wastewater treatment plants in the cities of Khavarshahr and Kahrizak with a total capacity of 6000 cubic meters per day	District No.6 of Tehran City Water & Wastewater Company						
Operation, management and maintenance services of wastewater treatment plant No. 5 in Mashhad (Khin Arab) with a capacity of 60,000 cubic meters per day	Mashhad Water & Wastewater Company						
Operation, maintenance and repair services of all facilities and equipment of Bandar Abbas water treatment plant with a capacity of 2200 liters per second	Hormozgan Province Water & Wastewater Company						

Pictures of Projects

Pishva wastewater treatment plant



Payabar-e-Azam wastewater treatment plant, Bandar Abbas



Karaj Wastewater Treatment Plant



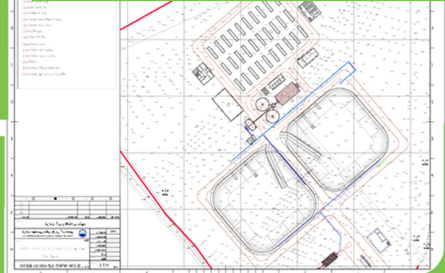
Alteymour wastewater treatment plant, Mashhad



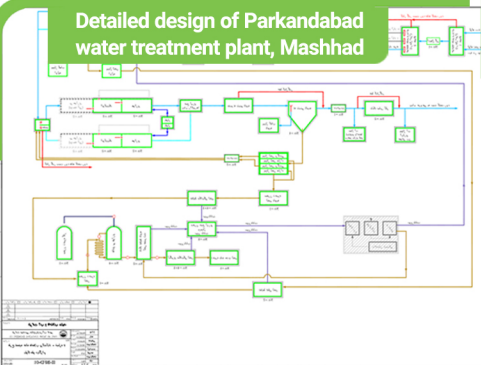
Malard wastewater treatment plant



Septage wastewater treatment plant, Mashhad



Detailed design of Parkandabad water treatment plant, Mashhad

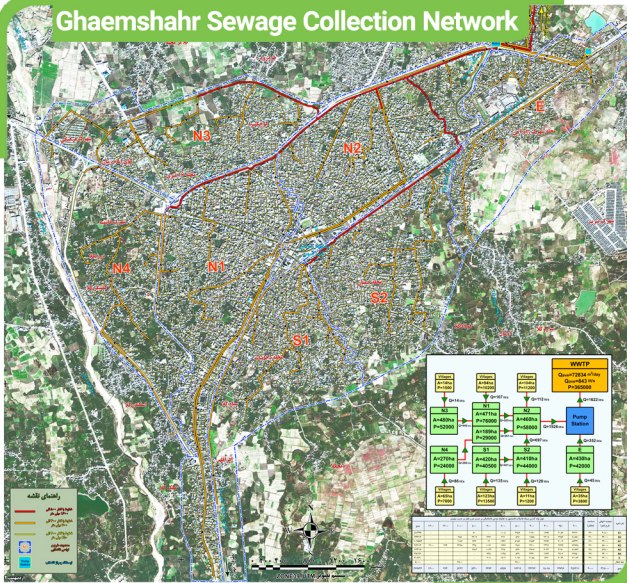


Golbahar wastewater treatment plant, Mashhad

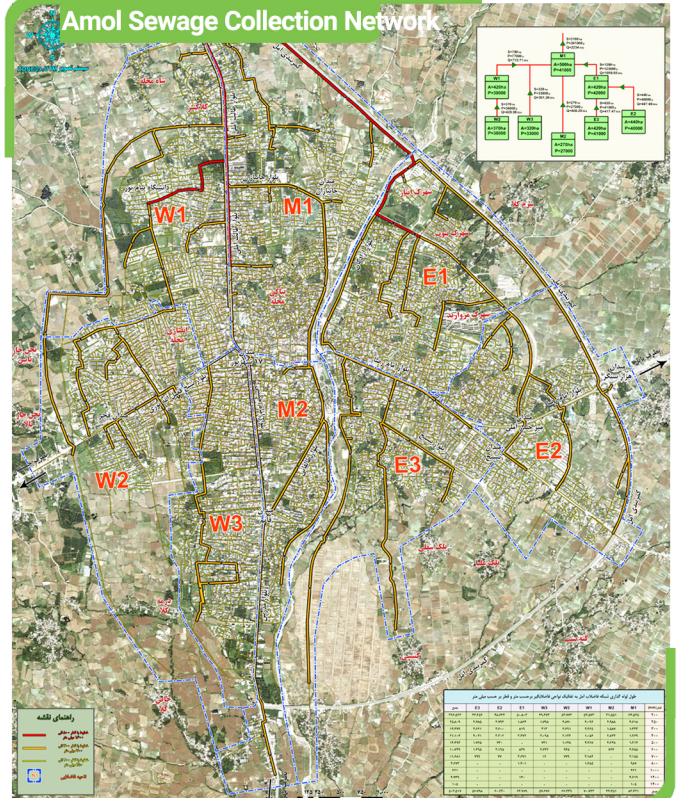


Pictures of Projects

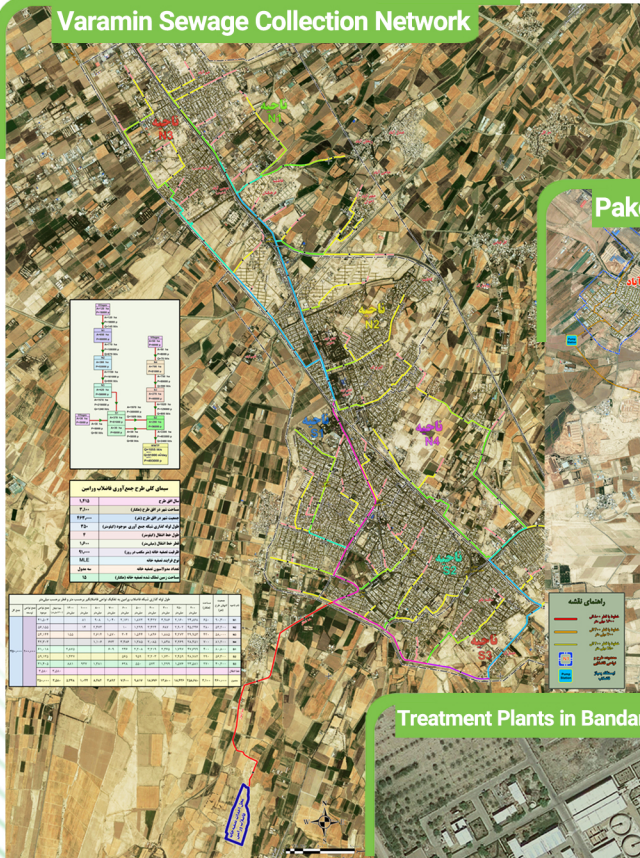
Ghaemshahr Sewage Collection Network



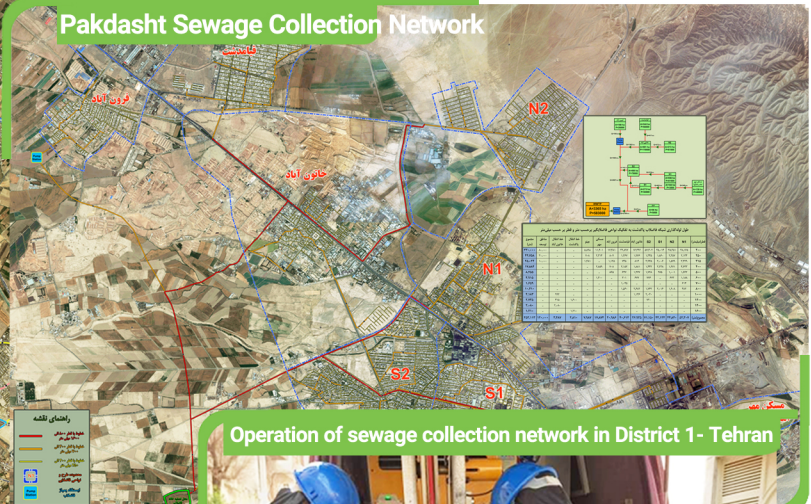
Amol Sewage Collection Network



Varamin Sewage Collection Network



Pakdasht Sewage Collection Network



Operation of sewage collection network in District 1- Tehran



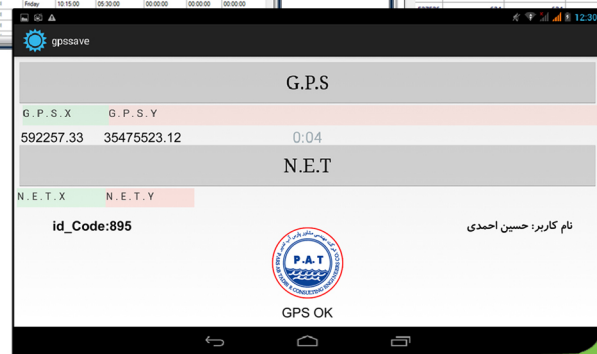
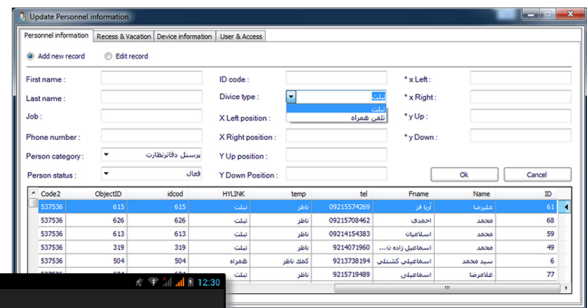
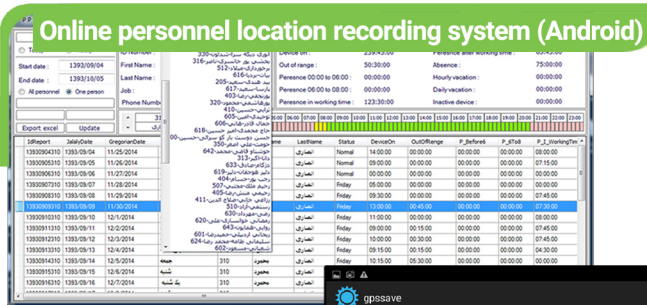
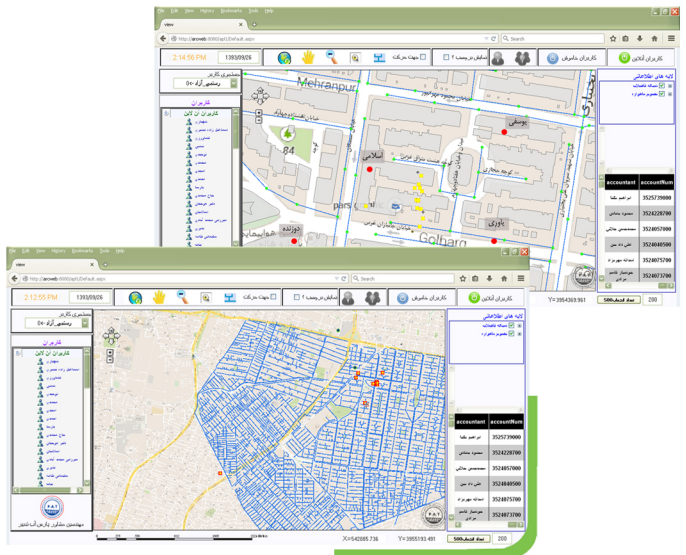
Treatment Plants in Bandar Abbas



Operation of Qarchak water desalination plant



Software products of the company



Contact Us

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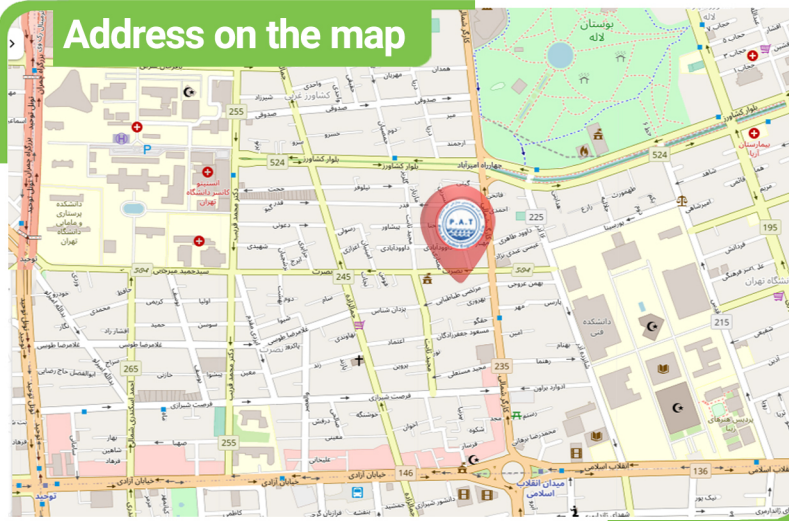
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Address on the map



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