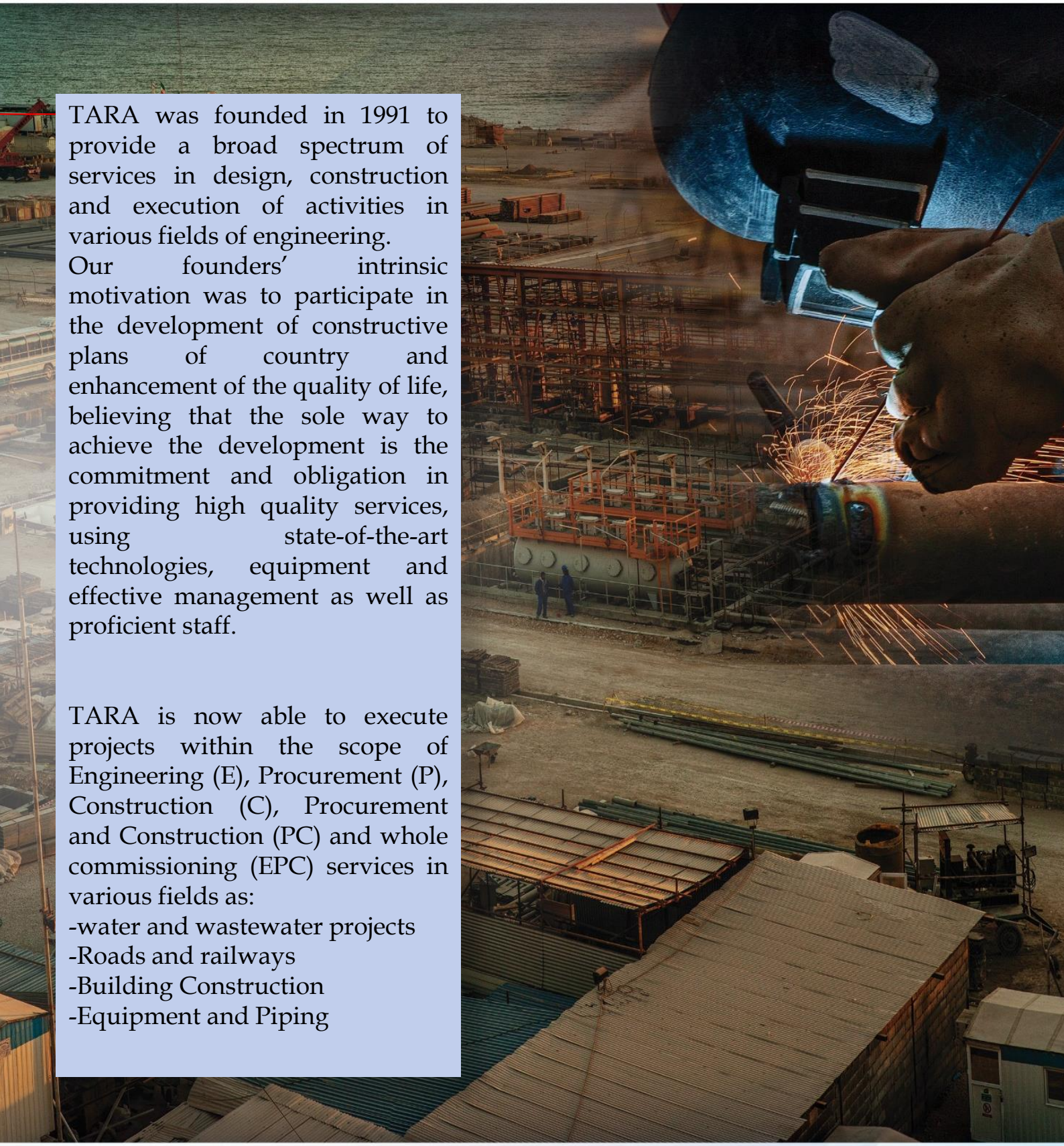
tara engineering co.

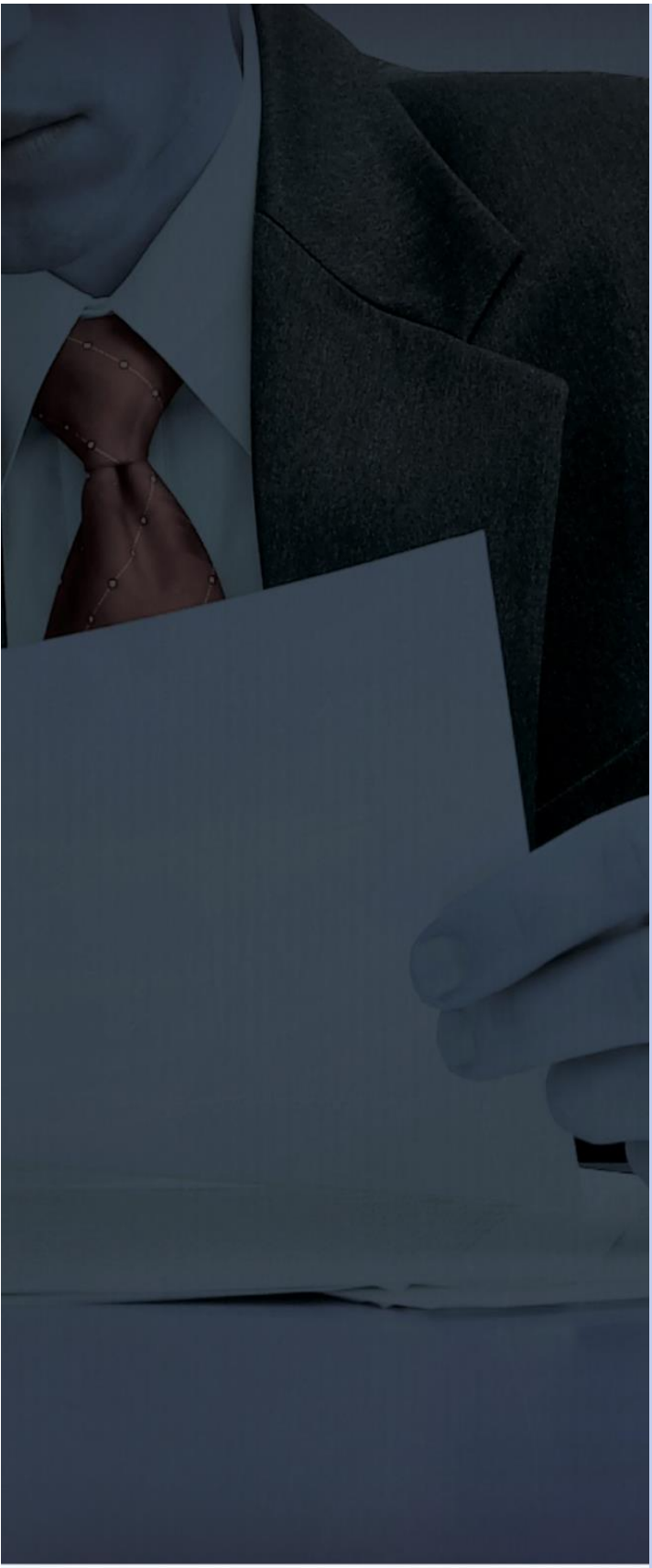
شرکت مهندسی تارا



TARA was founded in 1991 to provide a broad spectrum of services in design, construction and execution of activities in various fields of engineering.
Our founders' intrinsic motivation was to participate in the development of constructive plans of country and enhancement of the quality of life, believing that the sole way to achieve the development is the commitment and obligation in providing high quality services, using state-of-the-art technologies, equipment and effective management as well as proficient staff.

TARA is now able to execute projects within the scope of Engineering (E), Procurement (P), Construction (C), Procurement and Construction (PC) and whole commissioning (EPC) services in various fields as:

-water and wastewater projects
-Roads and railways
-Building Construction
-Equipment and Piping



Mission

Tara is a contracting company with extensive knowledge of advanced technologies following environmental standards and takes advantage of the systems approach, Financial Services, Engineering, Procurement and Construction which has offered services to Governmental and private companies and attracted the satisfaction of clients, Employers , employees and shareholders by presenting high quality of services.

Vision

TARA's ambition is to become one of the top ten leading Iranian General Contractors and one of the top ten leading companies in the Middle East.

Values

In support of our vision, the following values guide our behaviors and decision-making.
Excellence – we will surpass industry benchmarks by excelling in health and safety, environmental sustainability, learning and development.
Collaboration – we will foster a collaborative, yet decentralized approach, which encourages dialogue, freedom, flexibility and autonomy, creating a culture of shared success.
Innovation – we will challenge the way we work by instilling a culture of innovation, knowledge sharing and support of entrepreneurial behavior.
Integrity – we will value and respect our work colleagues and business partners and abide by our Code of Ethics.

Certificates


ریاست جمهوری
سازمان برنامه و بودجه کشور

شماره: ۲۷۶۶۶
تاریخ: ۱۳۹۷/۰۶/۰۱
پیوست:

گواهینامه صلاحیت پیمانکاری

جناب آقای ابرج طهرانی زاده جبه
مدیر عامل محترم شرکت مهندسی تارا
شماره ثبت ۸۸٦٤٦
شناسه ملی ۱۰۱۰۱۳۳۰۳٤٤

با استناد به مصوبه شماره ۴۸۰۱۰۳/ت۳۳۵۸۰هـ مورخ ۱۳۸۱/۱۲/۱۱ هیأت محترم وزیران و با توجه به احراز شرایط لازم و تأیید صلاحیت آن شرکت در سامانه جامع تشخیص صلاحیت عوامل نظام فنی اجرایی، به این وسیله صلاحیت آن شرکت برای انجام امور پیمانکاری به شرح زیر اعلام می گردد.

پایه ۱	رشته آب	با تعداد ۴ کار مجاز
پایه ۱	رشته راه و ترابری	با تعداد ۴ کار مجاز
پایه ۱	رشته تاسیسات و تجهیزات	با تعداد ۴ کار مجاز
پایه ۲	رشته ساختمان و ابنیه	با تعداد ۴ کار مجاز
پایه ۵	رشته نیرو	با تعداد ۳ کار مجاز
پایه ۵	رشته نفت و گاز	با تعداد ۳ کار مجاز

رعایت قانون برگزاری مناقصات به شماره ۱۳۰۸۹۰ مورخ ۱۳۸۳/۰۱/۱۷ آیین نامه های اجرایی مربوطه و ظرفیت کاری مجاز در زمان ارجاع کار توسط آن شرکت ضروری است.

پایه یک رشته «آب» این شرکت در زیررشته «خطوط انتقال آب و شبکه های آب و فاضلاب» است و این شرکت مجاز است در زیررشته های دیگر رشته «آب» پایه های پایین تر فعالیت کند.

این شرکت با شرکت «اندیشه ساز نظم» دارای سهم‌مدار و هیئت مدیره مشترک است.

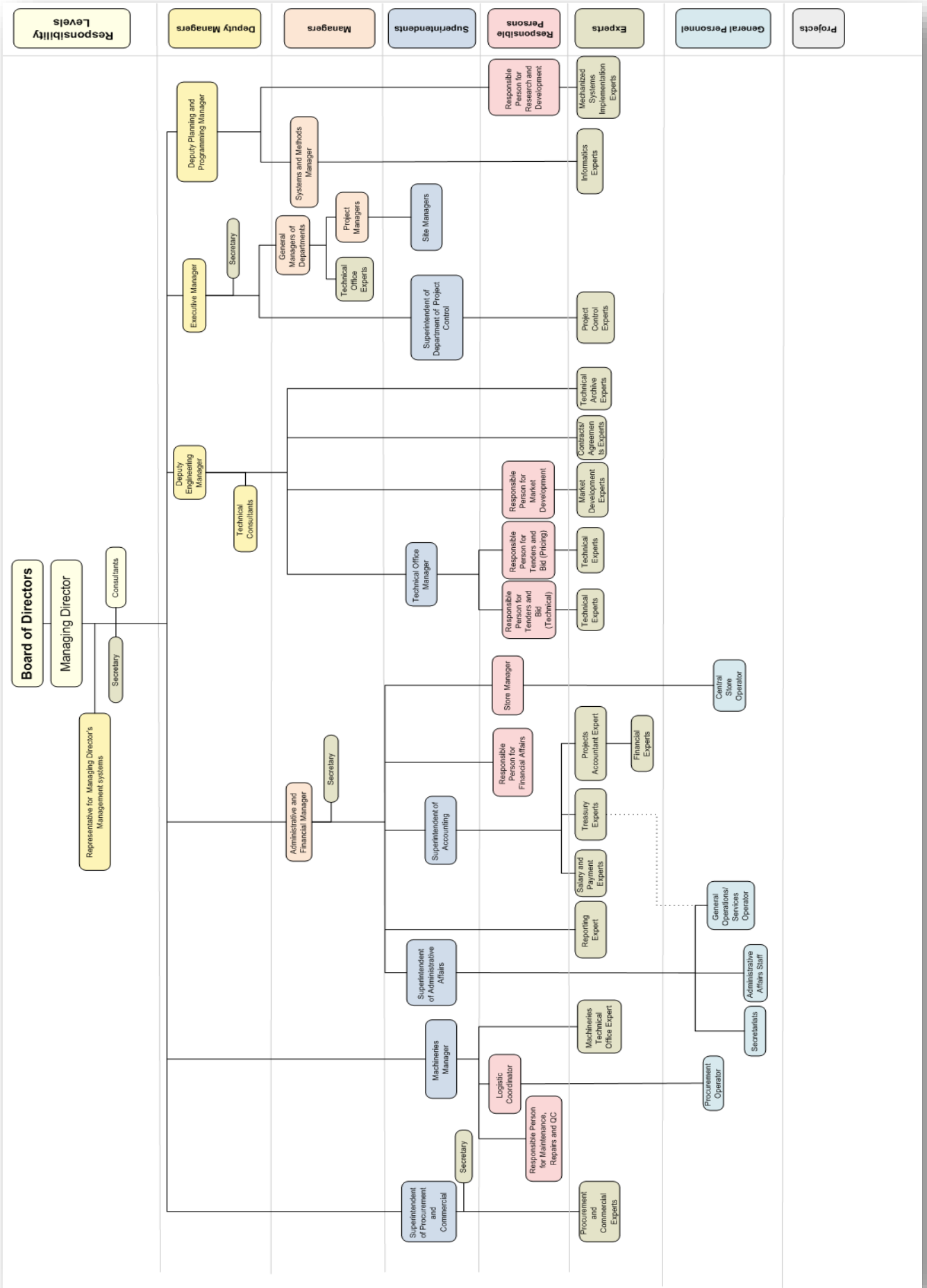
سیدجواد فاتح فر
رییس امور نظام فنی و اجرایی

این گواهینامه از تاریخ صدور تا پایان دوره ارزشیابی و حداکثر تا تاریخ ۱۴۰۱/۰۵/۲۸ معتبر می باشد.

- هرگونه تغییر در ارکان و سهام شرکت و اطلاعات متقاضی، هیأت مدیره و کارکنان امتیازآور، باید حداکثر ظرف سه ماه در سامانه سجات (http://sajat.mporg.ir) ثبت شود.
- هر قرارداد جدید حداکثر ظرف سه ماه پس از انعقاد قرارداد و صورت وضعیت های جدید پس از تأیید کارفرما باید در سامانه سجات ثبت شود، تا امتیاز آنها هنگام تشخیص صلاحیت دوره بعد و ارزشیابی ظرفیت منظور شود.

در صورت مغایرت مطالب این گواهینامه با اطلاعات موجود در پایگاه ۳۰ http://sajat.mporg.ir، اطلاعات پایگاه اصالت دارد.

Organization Chart



Machineries and Equipment's

Item	Description	Quantity
1	Loaders, different types and brands	12
2	Bulldozers, different types and brands	5
3	Road Graders, different types and brands	5
4	Mechanical Excavators, different types and brands	10
5	Big Road Rollers, different types and brands	6
6	Trucks, different types and brands	35
7	Cranes with capacities between of 5 - 25 tons	6
8	Tower Crane	8
9	Water Spray Tank Trucks	4
10	Trenchers	5
11	Trailers	4
12	Batching and Mixing Plants	6
13	Truck Mixers	8
14	Stone Breakers	4
15	Diesel Generators	30
16	Tractors	10
17	Small Road Rollers, Pavers, Compactors	15
18	Compressors	12
19	Cutters	10
20	Concrete Pumps	4
21	Rectifiers	30
22	Polyethylene Pipe Welder Sets	10
23	Vans	20
24	Cars	20
25	Concrete Forms(and its relevant appurtenants)	30000 m^2
26	Other Piping Equipment	

Management & Information Systems:

Tara Engineering Company's Management System have designed on the basis of business process.
In Planning processes & systems, the best practice has been chosen according to ISO 9001:2008, PMBOK: 2008 standards. Significant portions of system which consist of processes and information have been already set up as: mentioned below.

Mechanized systems based on development plans IT (ICT Master Plan) include:
Office automation, MIS mechanism between projects, head office, warehouse, financial, personnel, maintenance and machinery management, and project control.

- Quality assurance(QA) system.
- Quality control (QA) system in construction projects.
- Health , safety , and environmental(HSE).
- Project qualitative evaluation and audit system.
- Defines and plans processes of project management system.
- Final cost management system in accordance with the WBS.
- Planning system, control project and resource planning.
- Supplier management system and contractors.
- Designing system for projects and project quality plan.
- Project budgeting system.
- Human resource management systems and motivational systems.
- Evaluation & assessment system for productivity.

And the remaining portion is ongoing and expected to be completed in the near ture
Management strategy and targeting management,
Definition and business planning processes,

The support systems include:
Purchase and purchase planning, checking products, warehouses and machinery, and personnel and organization management.

Acknowledgments of Executed Projects:

بسمه تعالی

لوح تقدیر

شرکت محترم مهندسی تارا

پیمانکار اجرای کلکتور اصلی شبکه جمع آوری فاضلاب ملایر

با سلام،

روند توسعه مطلوب صنعت آب و فاضلاب کشور نیازمند اندیشه ای روشن و بازوانی توانمند است که بخشی از این مهم با عزم و همت والای شما در پیشبرد و اجرای طرح کلکتور اصلی شبکه فاضلاب ملایر به اثبات رسید .

قطعاً وجود سه عامل تجربه، تخصص و تعهد که خود ملاک پیشبرد هر هدف و آرمانی است در مجموعه آن شرکت دلیل موفقیت کامل شما در اجرای پروژه مذکور می باشد.

بدین وسیله مراتب تقدیر و تشکر خویش را از مدیر عامل و پرسنل زحمت کش آن شرکت در اجرای دقیق و توام با آرامش کاری پروژه مذکور اعلام نموده و از خداوند متعال برای کلیه عزیزان دست اندر کار، آرزوی سعادت و نیکبختی دارم.

محمود شعبانی

رئیس هیئت مدیره و مدیر عامل شرکت آب و فاضلاب استان همدان

بسمه تعالی

شرکت آب و فاضلاب استان بوشهر

جناب آقای مهندس طهرانی زاده

مدیریت عامل محترم شرکت مهندسی تارا

سلام علیکم؛

اینک که پروژه مخزن ۱۵۰۰۰ مترمکعبی شهر برازجان و ساختمانهای تلمبه خانه، اداری، نگهبانی و محوطه سازی به همراه تاسیسات مکانیکی و برق و ابزار دقیق به مرحله بهره برداری رسیده جای بسی خرسندی است که اتمام این پروژه را که تجلی اراده و توانمندی متخصصان این مرز و بوم بویژه کارشناسان و مدیران آن شرکت محترم می باشد را تبریک گوئیم.

سر بلندی و موفقیت روزافزون مدیران و پرسنل آن شرکت در راستای آبادانی هر چه بیشتر کشور عزیزمان را خواهانم.

عضو هیئت مدیره و معاون مهندسی و توسعه شرکت آب و فاضلاب استان بوشهر

شرکت آب و فاضلاب استان بوشهر

بسمه تعالی

جناب آقای مهندس طهرانی زاده

مدیریت عامل محترم شرکت مهندسی تارا

صنعت فولاد کشور که با اندیشه، توان و همت متخصصین و مدیران ارزشمند به قله اوج و افتخار نایل شده موجب مسرت و امید و اعتماد به نفس شده است. نقش مدیریت و پرسنل آن شرکت در اجرا و راه اندازی پروژه خط انتقال آبرسانی از سد آب بند به تصفیه خانه فیزیکی و احداث راه ارتباطی در راستای تکمیل طرح توسعه کارخانه ذوب آهن (طرح توازن) بیانگر همین اعتماد و تخصص می باشد.

اینجانب ضمن تشکر و سپاس از تمامی دست اندکاران و ارکان محترم این کار بزرگ از خداوند سبحان، سعادت و سربلندی برای همه خدمتگزاران مسئلت دارم.

مدیر پروژه تاسیسات جانبی طرح توازن

سید محمدرضا توفیقی

مدیریت ارشد توسعه ذوب آهن اصفهان

جمهوری اسلامی ایران
وزارت نیرو

بسم‌الله الرحمن الرحیم

شرکت آب و فاضلاب استان مرکزی

به منظور قدردانی از فعالیت‌های گسترده و همه جانبه مدیران و کارکنان آن شرکت که با کوشش و مشارکت قابل تحسین، در ارزیابی رشد عملکرد سال ۱۳۷۹، رتبه سوم را در بین شرکت‌های آب و فاضلاب احراز نموده‌اند این لوح تقدیر اهداء می گردد.

امید است با اتکال به الطاف الهی و سعی مجدانه همکاران سخت‌کوش آن شرکت، این موفقیت‌ها استمرار یابد.

حبیب الله بیطرف
وزیر نیرو

بسمه تعالی

شرکت محترم مهندسی تارا

رجاء واثق دارد اجرای صحیح ، بموقع و مطابق ضوابط فنی پروژه ها ، توسط آن شرکت محترم سهم بسزائی در احراز این موفقیت داشته است .

سید مهدی موسوی
رئیس هیئت مدیره و مدیر عامل

بسمه تعالی

شرکت محترم مهندسی تارا

پیمانکار اجرای طرح شبکه جمع آوری فاضلاب شهر اسدآباد

روند توسعه مطلوب صنعت آب و فاضلاب کشور نیازمند اندیشه ای روشن و بازوانی توانمند است که بخشی از این مهم با عزم و همت والای شما در پیشبرد و اجرای طرح شبکه جمع آوری فاضلاب شهر اسدآباد به اثبات رسید.

قطعاً وجود سه عامل تجربه، تخصص و تعهد که خود ملاک پیشبرد هر هدف و آرمانی است در مجموعه آن شرکت دلیل موفقیت کامل شما در اجرای پروژه مذکور می باشد .

بدین وسیله مراتب تقدیر و تشکر خویش را از مدیر عامل و پرسنل زحمت کش آن شرکت در اجرای دقیق و توام با آرامش پروژه مذکور اعلام نموده و از خداوند متعال برای کلیه عزیزان دست اندر کار ، آرزوی سعادت و نیکبختی دارم .

حمید رضا نیکداد

معاونت مهندسی و توسعه آب و فاضلاب استان همدان

تام ایران خودرو

گـواهینامـه

ارزیابی سیستم مدیریت کیفیت سازندگان/پیمانکاران

جناب آقای مهندس تهرانی‌زاده

مدیرعامل محترم شرکت مهندسی تارا

با سلام

براساس ارزیابی انجام شده در تاریخ ۸۷/۰۸/۱۲ از شرکت مهندسی تارا با شماره ثبت ۸۸۶۴۶ توسط تیم ارزیابی سیستم مدیریت کیفیت سازندگان/پیمانکاران شرکت تام ایران خودرو، آن شرکت امتیاز ۶۷.۶ از ۱۰۰ و گرید B در زمینه تاسیسات را اخذ نموده است.

مدت اعتبار این گواهینامه از تاریخ ارزیابی یک سال می‌باشد.

با آرزوی توفیق

کوروش وثیق مهر

مدیر ارتباطات صنعتی

شماره: ۸۷۰۳۱

Projects

Pumping station, pipeline and water distribution network Projects		
Row	**Project Topic**	**Status**
1	Execution of water supply, pumping stations and its relevant installations for the west regions of Tehran (Incl. Shahryar, Qods & Tehransar towns)	Performed
2	Water distribution network and Tlayyh town Pagan	Performed
3	Development and rehabilitation of water transmission of Varamin water and waste water Company ,Southeastern regoin of Tehran City	Performed
4	Water transmission pipe line, D= 500 mm of ductile pipes - Southeastern of water and waste water Company	Performed
5	Development and rehabilitation of water transmission pipelines and network of Tehran ancient areas (Tehran Zones No. 2)	Performed
6	Development and rehabilitation of water transmission pipelines and network of Tehran ancient areas (Tehran Zones No. 4)	Performed
7	Development and rehabilitation of water transmission pipelines and network of Tehran ancient areas (Tehran Zones No. 5)	Performed
8	Execution of water transmission pipelines for Mahalat, Arak and Ashtian cities.	Performed
9	Execution of the water treatment plant-to-dam transmission pipeline in Esfahan Steel Company in Esfahan province	Performed
10	Execution of water transmission, installations, pipelines, pumping station ,and electrical and instrumentation and irrigation of Khuzestan steel company in Khuzestan province.	Performed
11	Procurement and execution of water supply installations, pumping station, and electrical and instrumentation of tanks, intake structure and quay of Imam Khomeini port	Performed
12	Engineering, Procurement, Construction, installation and commissioning of Saravan City Pumping Station	Performed
13	Integrated rural water supply scheme of korooslu	Performed
14	Dezaful District NO3 and Siyah Mansoor Steel PipeLine	Ongoing
15	Namin and Anbaran Water Pipeline and PumpStations	Ongoing
16	Design, Procurement and Construction of Javeh Pump Station	Ongoing

Construction, installation and industrial Project		
Row	**Project Topic**	**Status**
1	Execution of mechanical, electrical and installations of SAIPA car-manufacturing hall in the city of Kashan	Performed
2	Construction of steel structures plant, parts of steel Safadasht structures associated with the metal industries of Darya Saze Co. , including the construction of civil works and electrical and mechanical installations	Performed
3	Construction of central warehouse of water & wastewater, Tehran (Varamin)	Performed
4	Construction of ranch home ,in tire building structure, office, residential and mechanical, electrical, instrumentation	Performed
5	Participation in the construction of residential buildings No . 3808	Performed
6	Participation in the construction of residential buildings No . 220	Performed
7	Participation in the construction of residential buildings No . 2352	Performed

Projects

Road and Pavement Project		
Row	**Project Topic**	**Status**
1	Road construction; Shahryar-Eshtehard-Bouyin Zahra	Performed
2	Preparation of streets , parts , office buildings and utilities electricity, water, gas and sewage system in the town of Nashtaroud	Performed
3	Execution of asphalt paving from Kerend road to Sarpol-e- Zahab	Performed
4	Construction of bypass in Kerend and Sarpol-e- Zahab	Performed
5	Construction of asphalt paving in Khosravi border terminal .	Performed
6	Construction of asphalt paving in the city of Kerend.	Performed
7	Construction of asphalt base and rural roads asphalt Dalaho,	Performed
8	Landscaping and infrastructure of Bandar Abbas (1st phase)	Performed
9	Pavement of Gilan-Gharb to Sumar road	Ongoing

Hydraulic Structures Project (Dam, Storage, Treatment Plan)		
Row	**Project Topic**	**Status**
1	Construction of 15000-m3 concrete reservoir, pumping station, administration, guard houses and landscaping for Borazjan city.	Performed
2	Steel Elevated Tanks Azadshahr- Qods .Tehran	Performed
3	Steel Elevated Tanks – Varamin	Performed
4	Construction of Omran Abad water treatment plant in Ardebil city	Performed
5	Construction of Baba Ahmad earth dam in the West Azerbaijan province	Performed
6	Construction of Azna city water treatment plant	Performed
7	Construction of sanitary, oily and neutralization packages for south pars phase 19 . Asaluyeh	Performed
8	Construction of the second module of Sari wastewater treatment plant	Ongoing
9	Construction of a group cities water treatment plant of Mazandaran province (including cities of babol,AmirKala,Babolsar,fereydoonkenar)	Ongoing
10	Review the engineering document, Supply, Transportation And Installation The Equipment, Construction, Pre Commissioning And Commissioning The Barekat Pharmaceutical Industrial City Waste Water Treatment	Ongoing
11	RO Plant of Mokaran district of Chabehar and 5000 m^3 Reservior	Ongoing
12	RO Plant of Rural Complex of Rey city	Performed

Projects

Wastewater collection system and transmission lines projects		
Row	**Project Topic**	**Status**
1	Execution of wastewater transmission pipeline and all the concrete ducts for Karaj subway (Karaj city)	Performed
2	Execution of 1200 mm waste water transmission line in Tond goyan superhighway, Tehran	Performed
3	Construction of wastewater collection network for Masoudiyeh town , Tehran	Performed
4	Execution of the main collectors of wastewater collection network in Malayer	Performed
5	Construction of wastewater collection network for Khomein city	Performed
6	Construction of wastewater collection network for Asadabad city	Performed
7	Construction of wastewater transmission pipelines and collection network for Arak city	Performed
8	Channel of Sorkhehesar stream	Performed
9	Execution of surface water collection network, Arvand Industrial free zone (part 1)	Performed
10	Construction of wastewater collection network of District No-3 of tehran	Ongoing
11	Design, build and operate (DBO) of Wastewater collection and treatment systems for South – West of Iran, Zone 3	Ongoing
12	Construction of wastewater collection network for Shazand City-Zone 13	Ongoing
13	Construction of wastewater collection network for Shazand City-Zone 14	Ongoing
14	Construction of wastewater collection network for Astaneh City-Zone 16	Ongoing

Irrigation &drainage Projects		
Row	**Project Topic**	**Status**
1	Execution of pumping station and irrigation network of Gavoshan B4 / Kermanshah	Performed
2	Construction of irrigation and drainage network of F4-Gilan	Performed
3	Construction of irrigation and drainage network of Shafarood-Gilan,	Performed
4	Execution of drainage system of Rad-Kosar farms of Khuzistan Province	Performed
5	Drainage of 6500 hectares lands in Golestan Province	Ongoing

Engineering, Procurement, Construction, Installation and Commissioning of South Pars Phase 19 Waste Water Treatment

PROJECT	Waste water treatment plant of Assaluye (19th phase)
Client's name	Petro Pars Co.
Year	2011
Status	Completed
Project Duration	16 Month

Project specification:

Engineering, Procurement, Construction, Installation and Commissioning of Sanitary Water Package 129-U-101
Neutralization Package 129-U-102
Oily Water Treatment 129-U-103
Storm Basin
Project includes:

- All civil works
- Piping AG/UG
- Equipment installation
- Electrical & instrumentation

Execution of mechanical and electrical installations of SAIPA car-manufacturing hall/ Kashan

PROJECT SPECIFICATION:
Project is divided into six executive zones, each zone includes performing a variety of carbon steel piping, fire fighting, air channels, installation, Cabling and Installation of lighting and sound system.

PROJECT	Execution of mechanical and electrical installations of SAIPA car-manufacturing hall/ Kashan
Client's name	SEECO Co.
Year	2008
Status	Completed
Project Duration	5 Months

Water pipeline Infrastructure, Sea water intake pump station, and potable water pump station of Imam Khomeini Port

PROJECT	**Water pipeline Infrastructure, Sea water intake pump station, and potable water pump station of Imam Khomeini Port**
Client's name	Iran ports and maritime organization/Khuzestan
Year	2008-2011
Status	Completed
Project Duration	24 Months

Project Specification:
The project mainly included :
Execution of potable water distribution network and relevant pump station with a total length of 40 km from poly ethylene, (PN10), DN 75 -400 mm and relevant valves and valve pits. About 100 meters of pipe jacking.
Execution of firefighting loop and relevant hydrants with a total length of 35 km PE pipe (PN16), DN 75-400 mm and relevant hydrants and valve pits. About 220 meters of pipe jacking.

Design, build and procurement of sea water intake and relevant pump station.
Execution of GRP 500 mm Pipes in the CS 600 Pipe .
Rehabilitation of old potable water storage basins:
Revamping of two old potable water basins with 1200 cubic meter capacity, execution of HDPE geomembrane in the internal side of basins.
Execution of about 20 km of electrical PVC sleeve pipes.

First phase of infrastructural and pavement of Imam Khalij-e Fars Port

PROJECT	First phase of infrastructural and pavement of Imam Khalij-e Fars Port
Client's name	Iran Ports and Maritime Organization
Year	2008-2011
Status	Completed
Project Duration	24 Months

Construction of Omran Abad water treatment plant / Ardebil

Project specification:

Earthworks : 45,000 cubic meters
Shuttering: 6,000 square meters
Reinforcement meter: 400 tons
Concrete: 5,000 cubic meters

PROJECT	Construction of Omran Abad water treatment plant/ Ardebil
Client's name	Ardebil Rural Regional Water Authority
Year	2008
Status	Completed
Project Duration	12 Months

Execution of water transmission line and Pump station of Khouzestan Steel Company green belt.

PROJECT	**Execution of water transmission line and Pump station of Khouzestan Steel Company green belt.**
Client's name	Iranian Mines & Mining Industries Development & Renovation (IMIDRO), Khouzestan steel company
Year	2007-2008
Status	Completed
Project Duration	12 Month

Project Description:
Execution of water transmission line and Pump station of Khouzestan Steel Company green area.
The project is composed of the following sub projects:
Pump station:
Execution of pump house, supply of all mechanical and electrical equipment and bulk materials and execution of all civil and electromechanical works. provision of transformers and switch gears and crane.

The water transmission line:
Execution of about 10 km poly ethylene pipes DN= 630mm and relevant valves and construction of relevant valve pits.

Construction of suction basin:
Concrete suction basin and execution of relevant collector with 24" CS pipes for roughly 250 m l.

Execution of power transmission line:
Power transmission line and relevant sleeves and concrete boxes and manholes.

Execution of 10 km road and paving.

AZNA water treatment plant

PROJECT	Construction of Azna city water treatment plant
Client's name	Lorestan Regional Water Company
Year	2011
Status	Ongoing
Project Duration	36 Months

Project specification:
Procurement and construction of AZNA city water treatment plant. The total capacity is 44,000 m^3/day.
The project is primarily consisted of:
Execution of main process unit structures.
Execution of ancillary buildings and relevant installations.
Supply of all equipment and bulk materials.
Execution of permanent plant external fence and plant pavement.
Supply of all consumption chemicals .
Pre-commissioning, commissioning and provisional operation for 12 months.

Construction of Borazjan concrete 15000-m3 reservoir, pumping station, administration, guard houses and landscaping/ Borazjan

PROJECT	**Construction of Borazjan concrete 15000-m3 tank, pumping station, administration, guard houses and landscaping/ Borazjan**
Client's name	Boshehr Rural Regional Water Authority
Year	2002
Status	Completed
Project Duration	24 Months

Project specification:

60,140 cubic meters excavation.
15.000 square meter shuttering
6.000 cubic meters concrete.
Reinforcement 700 tons

Explanation:
Reservoir of this project consists of baffle walls, pumping chambers, valves, landscaping, fencing, plumbing and facilities in the area.

Irrigation Network and Pump station of B4 Gavoshan Area

PROJECT	Irrigation Network and Pump station of B4 Gavoshan Area
Client's name	Kermanshah Regional Water Company
Year	2009
Status	Completed
Project Duration	24 Months

Project specification:

Project primarily consists of the following sub projects:
Pump station:
Including 4 pumps with capacity of 460 m3/hr and 250 Kw electro motors and 3 pumps with capacity of 675 m3/hr. and 350 Kw electro motors.
The network:
Including execution of main, subsidiary, lateral pipes in Gavoshan with about 1,300 ha area of several farms.

The total lengths of executed pipes in project are as below:

Poly ethylene pipes with sizes between 50 mm to 75 mm : 400 km.
Poly ethylene pipes with sizes between 90 mm to 200 mm : 100 km.
Poly ethylene pipes with sizes between 250 mm to 355 mm : 110 km.
GRP pipes with sizes of 400 mm to 600 mm : 10 km.

Baba Ahmad Earth Dam Construction

Project specification:

Storage net volume : 1,000,000 m3
Height from sea level: 34 meter
Inlet water volume: 378 million m3
Excavation volume:150,000 m3
Embankment volume: 450,000m3

PROJECT	Baba Ahmad dam operation
Client's name	West Azarbaijan Regional Water Company
Year	2008
Status	Completed
Project Duration	24 Months

- Diversion and basin systems : In order to ensure safety during the construction of dams , water diversion pipe is predicted by using the two rows of steel tubes with a diameter of 1,200 mm.
- Weir : This weir is Ogee weir is used with a width of 5 m.

Second Module of SARI Wastewater Treatment Plant, EPC

PROJECT	Second Module of SARI Wastewater Treatment Plant, EPC
Client's name	Mazandarn Water & Wastewater Company
Year	2013
Status	Ongoing
Project Duration	30 Months

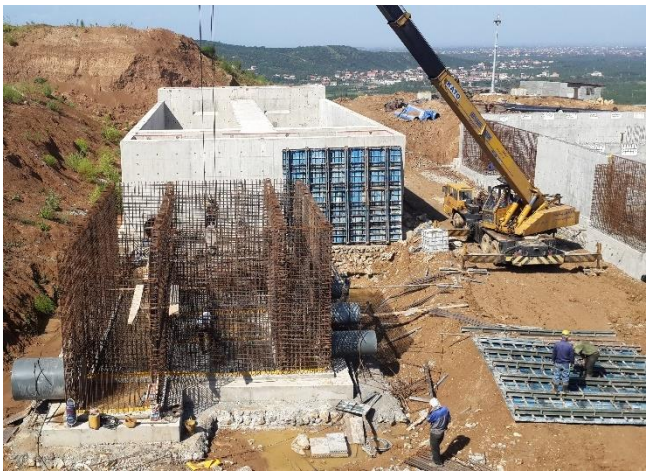
Project specification:

Design, build, construction and provision of all electrical, mechanical and instrument equipment for the second module of SARI city wastewater treatment plant.
The maximum capacity is about 50,000 m^3/day.

The total project period is 30 months , which is divided in to two main parts as below:
Eighteen months for completion of the project in all E, P & C parts.
Twelve months for provisional operation of the plant.
The project is primarily consists of:
Execution of main process unit structures.
Execution of buildings and relevant installations.
Supply of all equipment and bulk materials.
Execution of permanent plant external fence and plant pavement.
Supply of all consumption chemicals .
Provisional operation for 12 months.

Construction of A group Cities Water Treatment Plant of Mazandaran Province (including Cities of Babol, AmirKala, Babolsar, Fereydoonkenar)

PROJECT	**Construction of A group Cities Water treatment Plant of Mazandaran Province (including Cities of Babol, AmirKala, Babolsar, fereydoonkenar)**
Client's name	Mazandaran Regional Water Co.
Year	2014
Status	Ongoing
Project Duration	39 Month



A Group Cities of Mazandaran Water Treatment, which includes the cities of Babol, Amirkola, BABOLSAR and Fereydunkenar and its surroundings, is designed to treat and transfer potable water with a capacity of 260,000 m^3/day. The amount of suspended solids in the water treatment plant is considered 50 NTU.

The main process units are as follows:

• flow control valve chamber/• grit chamber/• micro strainer unit/• aeration unit

• flash mixing tank/• clarifier/• filtration unit/• water storage tanks/• sludge thickener/• sludge dewatering unit /• preparation and injection package.

Review The Engineering Document, Supply, Transportation And Installation of The Equipment, Construction, Pre Commissioning And Commissioning of The Barekat Pharmaceutical Industrial City Waste Water Treatment

PROJECT	The Barekat Pharmaceutical Industrial City Waste Water Treatment
Client's name	Barekat Pharmaceutical Industrial City
Year	2015
Status	Ongoing
Project Duration	21 Month

Project specification:

Barkat waste water Treatment Plants design to treat 12,000 m3/day industrial and municipal wastewater.

The treatment is base on A2O type, and sludge class is B.

Also The project contains:

Execution and installation of pipeline: 2,000 ID

Earth Work: 8,000 m3

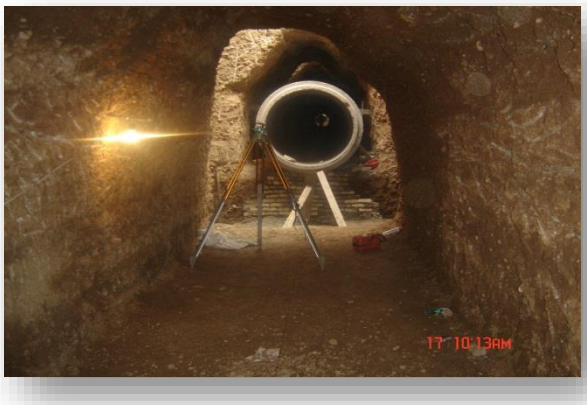
Concrete Work: 4,000 m3

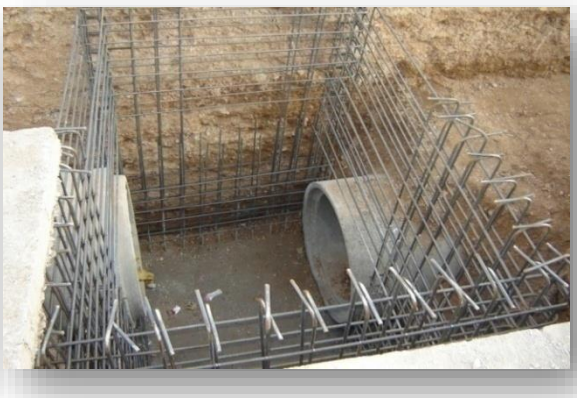
Steel Work: 300 ton

Tehran Surface Water Collection Network- The tunnel of arterial channel No. A of Sorkhe Hesar Stream

Project specification:
Collection and transmission of raining water and other sources of surface water in North East of Tehran the is main goal of this project. Since the project is located in a high traffic zone in Tehran, the only solution for possibility of execution of the project was the use of tunneling techniques instead of trenching. Execution of tunnels in depth of 8 meters (6 to 11 meters) and installation of RC pipes are the main activities of the project.
The total length of project is about 5 km and RC pipes with sizes of 1,000 mm up to 2,000 mm are installed in mentioned tunnels; accordingly the numbers of 100 manholes are executed in the stream line.

PROJECT	Tehran city Surface Water Collection Network- The tunnel of arterial channel No. A of Sorkhe Hesar Stream
Client's name	Khakriz Ab Co.
Year	2004-2008
Status	completed
Project Duration	24 Months





Execution of Arvand free zone surface water collection network/ Arvand free zone

PROJECT	Execution of Arvand free zone surface water collection network/ Arvand free zone
Client's name	Arvand free zone organization (Abadan & Khoramshar)
Year	2007-2008
Status	Completed
Project Duration	12 Months

Project specification:

Pipe Material, Length and Size :
Total Length piping : 10180 m.

Polyethylene corrugate pipe. Sizes ranging from 315 to 600 mm

Number and type of manholes: 260 concrete manholes .

Execution of water supply, pumping stations and its relevant installations for the west regions of Tehran (Incl. Shahriar, Qods & Tehransar towns

PROJECT	**Execution of water supply, pumping stations and its relevant installations for the west regions of Tehran (Incl. Shahryar, Qods & Tehransar towns**
Client's name	Water & Waste water company of west of Tehran
Year	1998
Status	Completed
Project Duration	24 Months

Project specification:

The project includes water distribution and transmission lines and facilities, pumping stations, well head which has been. Implemented in electrical, mechanical and instrumentation part and new urban tissue and the old tissue and rural.
Length, size and type of pipe:
Splits:
- about 7000 split string worn have been collected and renewal.
- The total piping length is about 150 km
- Polyethylene pipe sizes 63 to 200 mm.
- Ductile pipe sizes 150 to 400 mm.
- Welded steel pipe sizes 150 to 300 mm.
- Asbestos pipe size between 200 and 300 mm.

Development and rehabilitation of water transmission pipelines and network of Tehran ancient areas (Tehran Zones No. 2,4,5)

PROJECT	**Development and rehabilitation of water transmission pipelines and network**
CLIENT NAME	Water & waste water company of 2^{nd},4^{th} &5^{th} zone of Tehran
YEAR	1998
STATUS	completed

Project specification:

Development and rehabilitation of water transmission pipelines and network of Tehran which includes of
Asphalt cutting, drilling and collect the old network and the new network implementation, and maintenance of drilling paths.
size and type of pipe:
Splits:
- about 10000 split string worn have been collected and renewal.
- The total piping length is over 100 km
- Polyethylene pipe sizes between 63 mm to 110 mm.
- Ductile pipe sizes from 150mm to 400 mm.

Execution of the main collectors of wastewater collection network in Malayer
Construction of wastewater collection network for Asadabad city
Construction of wastewater collection network for Khomein city

Project specification:

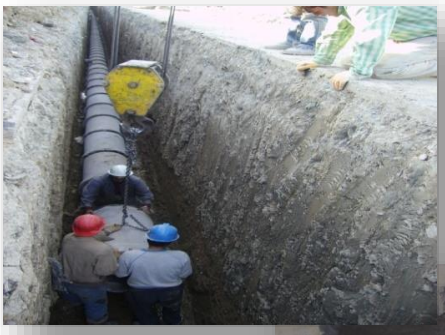
- Malayer total wastewater collector consists of 21 km pipe line with diameter up 300 mm. Also by considering the local conditions of city & traffic of different parts, the collector execution is done by trenching method in some places and drilling a traditional tunnel and installation of polyethylene pipes and concrete .
- Asad abad city has about 20 km of up to 500 mm diameter pipe line. What is note worthily that because of the historical and mountain conditions of this city, the collector execution is done by trenching method and drilling a traditional tunnel.
- Khomein wastewater collector network has about 25 km of pipe-laying with polyethylene pipe. These pipes ranging from 250 up to 500 mm and have length of 20 km. the steel and the concrete operation were exceeded by 120 ton & 2500 m3 respectively.

Size and type of piping:

The total length of the piping is approximately 65,750 m:
Polyethylene pipe sizes ranging from 315 to 400 mm
Polyethylene pipe sizes ranging from 315 to 400 mm
Reinforced concrete pipe sizes ranging from 500 to 1000 mm
Reinforced concrete pipe sizes ranging from 500 to 1000 mm

Number and type of manholes:
About 2,357 number of concrete , pre-fabricated manholes and also concrete and brick combination manholes.

PROJECT	**Execution of the main collectors of wastewater collection network in Malayer /Construction of wastewater collection network for Asadabad city /Construction of wastewater collection network for Khomein city**
Client's name	Hamedan Water & Waste Water co.- Markazi province Abfa
Year	Malayer(2001) Asad abad (2003) Khomein (2003)
Status	Completed
Project Duration	Malayer(24 month) Asad Abad (36months) Khomein (9months)



Execution of the water treatment plant-to-dam transmission pipeline in Esfahan Steel Making plant in Esfahan province

PROJECT	Execution of the water treatment plant-to-dam transmission pipeline in Esfahan steel making plant in Esfahan province
Client's name	Esfahan Steel Making co.
Year	2008
Status	Completed
Project Duration	18 months

Project specification:

- Pipe laying in rocky areas by drilling method with hydraulic hammer and 20,000 m3 approximate volume and with 13 sets of hydraulic excavator with a hammer.
- Implemented a 2 km road from Ab Band Dam to Chamgardan Square.

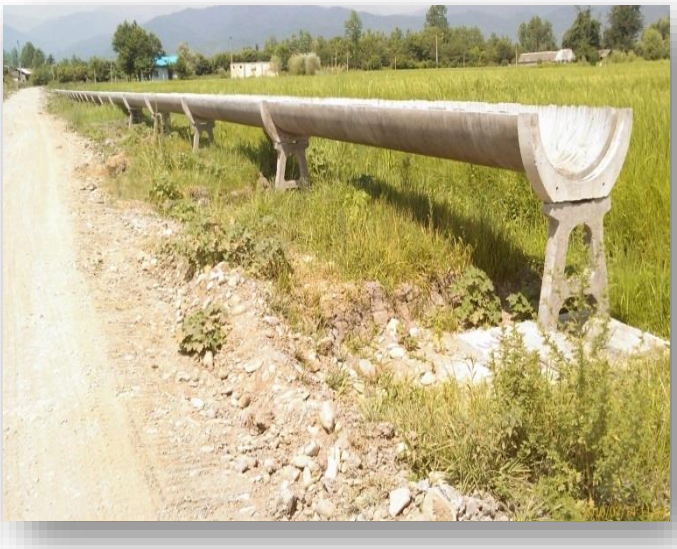
Length, size and type of pipe:

Length is about seven kilometers.

GRP pipe size is 900 mm.

Steel pipe sizes 1,000 and 1,200 mm.

Construction of irrigation and drainage network of F4-Gilan, constructive area



PROJECT	Construction of irrigation and drainage network of F4-Gilan, constructive area
Client's name	Gilan Regional Water Company
Year	2009
Status	Completed
Project Duration	36 months

Project specification:

This project is planned for supplying the required water of F4 paddy fields in the main network. It consists of the construction of concrete lining channel with 10 km length and 5.8 cubic meter per second discharge. Also the main network consists of about 82 number of technical buildings and the sub-network with about 35 km with pre-constructed channel and related technical buildings.

- Earthworks volume: 70,000 square feet
- Reinforcement volume: 1,000 tons
- Shuttering: 70,000 sqrt
- Concrete: 40,000 m3

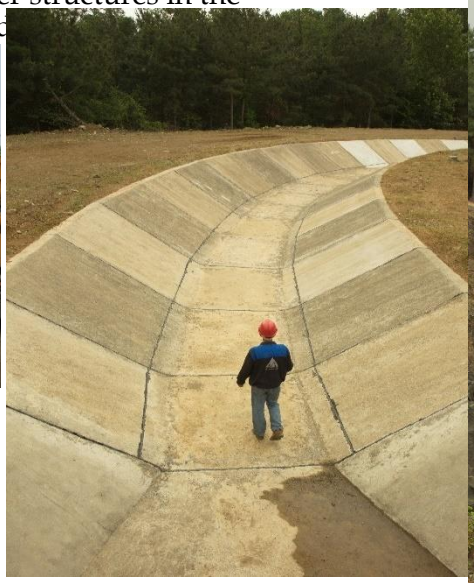
Construction of irrigation and drainage network of Shafarood-Gilan, constructive area

Project specification

This project is planned for transferring water from the Shafaroud dam to the plains of Rezvanshahr farm land in the area of the city of Shafaroud. This project includes this project includes:

- Construction of the main channel with length a rough of two km
- Construction of main pipeline with a diameter of 2,200 mm and length of about two kilometers of steel pipe
- Construction of Siphon with diameter of 2,000 mm and 1,030 m length of steel pipe
- Implementation of jacking pipe with diameter of 2,000 mm and 150 m length of steel pipe
- Implementation of water divider structures in the outlet of 3rd tunnel of Shafaroud

PROJECT	Construction of irrigation and drainage network of Shafarood-Gilan, constructive area
Client's name	Gilan Regional Water Company
Year	2009
Status	Completed
Project Duration	30 month



Project specification

- Channel Construction with a 17 km length of
- GRP Pipeline with diameters of 1000 and 1200 mm and a length of about 5 km.
- Construction of the plain inner drainage and diversion drainages with a length of about 3 km
- construction of metal bridge for pipe crossing with 40 m length weighing 150 tons
- 300 different structures along the lines
- Earthworks volume: 600,000 m3
- volume: 700 tons
- Formatting: 35,000 m2
- Concrete: 15,000 m3

Implementation of underground & surface drainage of Raad Farm

PROJECT	**Implementation of underground & surface drainage of Raad land**
Client's name	Khuzestan Agricultural Company...
Year	2009
Status	Completed
Project Duration	Raad (12 months)

Project specification:

Raad drainage consists of about 2500 ha of some part of this land , which including about 354 drainage to improve the structure of the Earth.

Laterals:

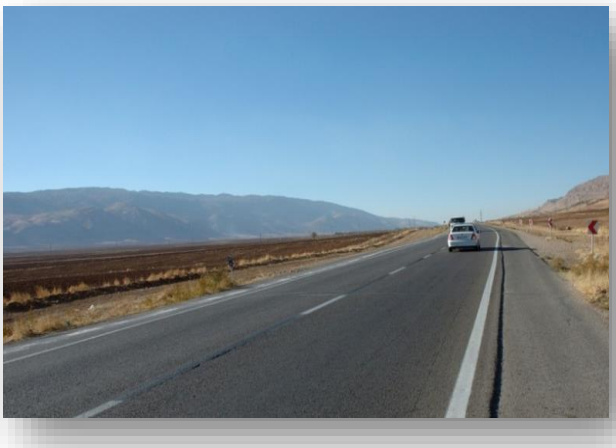
600 km pipe laying of PVC pipe in sizes of 125 and 200 mm

Collector: 50 km

Manhole : 1,008 manhole

Deepening and widening of open canals:4.5 km

Construction of bypass roads of Kerend and Sarpol-e-Zahab/ Kermanshah



PROJECT'S SPECIFICATION:

ORIGINAL VOLUME OF BODY AND PROCEDURE OF OPERATION

- 400,000 m3excavation
- 60,000 m3 stone excavation
- 8,400,000 km3. Loading and transport of soil and aggregates
- 70,000 m3 of embankment
- 60,000 m3 of base or sub base mountain material
- Preparation and execution of 80,000 tons of asphalt.

For executing of these projects the crushers and sand and salt equipment and asphalt production plant with TPH160 has been prepared.

ORIGINAL VOLUME OF TECHNICAL BUILDINGS AND BRIDGES:

- 10,200 m3 of stone building.
- 4700 m3 of concrete.
- 8,600 m3 square shuttering.
- 248 tons reinforcement.

SAFETY:

3 tons safety signs construction and 500 tons metal base construction.

PROJECT	Construction of bypass roads of Kerend and Sarpol-e-Zahab/ Kermanshah
Client's name	Kermanshah Water & Waste Water Co.
Year	2007
Status	Completed
Project Duration	18 Months

EXECUTING OF ASPHALT COATING FOR KHOSRAVI BORDER

EXECUTION OF ASPHALT COATING FROM KEREND CITY INTO SARPOL-E ZAHAB

PROJECT	**Executing of foul-up & asphalt coating for khosravi border/execution of asphalt coating from kerend city into sarpol-e zahab**
Client's name	Kermanshah Office of Transportation and Terminals Province - the municipalities
Year	2010
Status	Completed
Project Duration	1 month

tara engineering co.
شرکت مهندسی تارا

Central office:
No.:43/South Kheradmand St./
Karimkhan Zand Ave/Tehran/ 15848-43168/Iran
Tel: (+98 21) 883 484 20-1
888 134 36-7
Fax: (+98 21) 888 233 17 / 888 280 70
e-mail: tara@taragc.com

دفتر مرکزی:
تهران/خیابان کریم خان زند/
خیابان خردمند جنوبی/شماره۴۳/
کدپستی:۱۵۸۴۸-۴۳۱۶۸
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۸۸۸۱۳۴۳۶-۷
فکس: ۸۸۸۲۳۳۱۷-۸۸۸۲۸۰۷۰
ایمیل:**tara@taragc.com**

tara engineering co.
شرکت مهندسی تـــارا

www.taragc.com