راهبرد انرژی
Rahbord Energy

www.rahbordeng.com info@rahbordeng.com

COMPANY PROFILE

Rahbord Energy Design & Development Engineering Co.



WHO WE ARE

Rahbord Energy was established with Ex-IOOC specialists and very well-experienced personnel in 2000 (officially 2006). We are experts in the field of engineering for the offshore oil and gas industry. We are highly experienced in creating innovative and cost-effective solutions for the most challenging environments, including harsh environments and remote locations.

Rahbord Energy offers a broad scope of services in oil & gas industries, both onshore and offshore .With a team of skilled engineers and experts in various disciplines having experience in different branches of oil and gas industry, we can provide its clients with extensive services in process engineering, as well as undertaking other engineering discipline in green & brown filed development projects.

The ultimate objective of Rahbord Energy is promoting and facilitating greater utilization of the local resources in implementation of oil and gas projects by promoting cooperation with foreign companies interested in Iranian oil and gas industry and offering best services to meet the requirements of Iranian petroleum industry.

VISION

To be the preferred regional Oil & Gas Consultant, delivering the most challenging projects and achieving utmost levels of satisfaction for our Clients as well as other stakeholders

MISSION

To deliver quality Engineering & Project Management Consultancy Services to the Oil & Gas and Allied Industries, in a manner that is reliable, competitive, sustainable and customized to Client needs, promoting long-term business relationships & achieving utmost levels of Client satisfaction.

OUR CORE VALUES

- ✓ **Client Satisfaction**

At Rahbord Energy, the satisfaction of our valued Clients is the cornerstone around which we appraise the success of every project. We stand out with our tailored skills and depth of understanding of our Clients' needs.

- ✓ **Employee Satisfaction**

At Rahbord Energy, not only do we provide a career, but also we strive to continuously contribute to the wellbeing and self-develop-ment of our people. We believe that our growth is pivoted on the growth of our people.

- ✓ **Integrity**

Our fervent commitment to high ethical standards on every assignment we undertake has earned us unrivaled rep-utation. Legacy of past projects has ensured continuous success while opening door for future opportunities.

- ✓ **Innovation & Excellence**

At Rahbord Energy, we see every new assign-ment as an opportunity to innovate through our broad-based understanding of the industry. Our innovation is tied with our strong commitment to excellence in everything we do; resulting in delivering unmatched service to our valued Clients.

OUR COMMITMENT

We pride ourselves on our awareness and application of the Integrated Management System (IMS) based on integrating the requirements of:

- **ISO 9001:2015** (Quality Management)
- **ISO 14001:2015** (Environmental Management)
- **ISO 45001:2018** (Occupational Health and Safety)

Our certified Integrated Management System is designed to ensure:

- Effective planning within the organization
- Adequate operation and control of processes
- Excellent service delivery to our clients in a healthy, safe, and environmentally friendly manner.

Quality Management System(ISO 9001:2015)

In compliance with **ISO 9001:2015** requirements, our IMS ensures that we are consistently able to provide the quality service that meets our clients' requirements and is in conformance with statutory rules and regulations. The effective application of our IMS ensures the continual improvement of our processes and practices, which results in improving the quality of our service and consequently enhancing the satisfaction of our clients.

Environmental Management System (ISO 14001:2015)

In compliance with ISO 14001:2015 requirements, processes are put in place to ensure that all related environmental aspects are identified and effective protection of the environment is achieved. Our Integrated Management System (IMS) ensures that the company's activities comply with applicable environmental rules and regulations and guarantees that environmental targets are better achieved through the continual improvement of related processes.

ISO 45001:2018

In compliance with **ISO 45001:2018**, our Integrated Management System (IMS) provides a framework that ensures the continuous identification and control of occupational health and safety risks, the reduction of accident potential, and the improvement of the working environment in compliance with applicable occupational health and safety rules and regulations.

WHAT WE DO

Rahbord Energy's services include all phases of EPC project development. Its principal efforts include feasibility studies, engineering design and project management. A feasibility study is a recommendation, based on engineering analysis, for the best method of development of an industrial project. Evaluations include capital and operational (CAPEX and OPEX) analysis, potential operational problems, and probable economic return for a new venture. Such studies are recommended prior to the initiation of engineering design.

Engineering design comprises all the technical data required for the enablement of purchase and installation of equipment as well as the construction of the facilities. Data includes basic and detailed engineering documents and drawings, specifications, bid documents, contractual obligations and equipment list. Project management extends project design to encompass material and equipment procurement, expediting, inspection, transportation and handling at site. It further includes assistance to the client in locating, evaluating, and selecting construction contractors, contract negotiations, supervision on construction, pre-commissioning and commissioning activities, operator training and plant start-up/hand-over.

For each Engineering and Technical Discipline, **Rahbord Energy** has in-house departments including:

- Project Management
- Project Control
- Safety Engineering
- Electrical / Telecom. Engineering
- Instrumentation / Control Engineering
- Carbon Management Services
- QHSE
- Process Engineering
- Mechanical Engineering
- Civil Engineering
- Drafting & Design

Field of services



OUR Services



PROJECT MANAGEMENT CONSULTANCY (PMC)

When we offer our Project Management Consultancy package to our clients, they know that their project is in safe hands. From tender preparation and administration to final commissioning and handover, our project team closely supervises every aspect of the project, ensuring that our clients' interests are best protected. In other words, when we say "Client Representative," we truly mean it. Our Project Management Consultancy service spans the entire project execution phase, including but not limited to the following:

- **Tender Package Preparation and Administration**
- **Contract and Procurement Management**
- **Project Execution Planning and Control**
- **Construction Management and Supervision**
- **Quality Management**
- **Project HSE Management**
- **Risk Management and Cost Control**
- **Consultancy Management**
- **Project Pre-commissioning and Commissioning Assistance**
- **FEED Engineering**
- **Detail Engineering**
- **Brown Filed Renovation & Optimization**
- **Procurement Engineering**
- **Construction Management &Supervision**
- **Construction Supervision**

SPECIALIZED ENGINEERING STUDIES

In addition to complete engineering solutions, our team of specialized and experienced engineers is ready to provide specific Specialized Engineering Studies that may be requested by any of the project stakeholders at any stage of the project. The scope of this service covers, but is not limited to, the following:

- **Computational Fluid Dynamics**
- **Stress Analysis**
- **Surge Analysis**
- **Heat Radiation Calculations**
- **Final Element Analysis**
- **Design Integrity Studies and Residual Engineering**
- **Production Optimization & Process Selection**
- **Conceptual Design**
- **Production Optimization & Process Selection**
- **Feasibility &Techno-economic Studies**
- **Cost Estimation and Control**
- **Procurement Engineering**
- **Training**

SAFETY & ENVIRONMENTAL ENGINEERING

Considering the high importance of safety and environmental aspects in any project, we have a dedicated team of experts who provide a range of Safety & Environmental Engineering studies. Whether related to project design, project surroundings, or the environment, our team ensures that all relevant safety and environmental aspects are adequately addressed. Where applicable, protective measures and safeguards are implemented. Our scope of service covers, but is not limited to, the following:

- **Hazard & Operability (HAZOP) Study**
- **Hazard Identification (HAZID) Study**
- **Quantitative Risk Assessment (QRA)**
- **Formal Safety Assessment (FSA)**
- **Design of Active & Passive Fire Protection Systems**
- **Environmental Impact Assessment (EIA)**

OUR SOFTWARE

PROCESS: ASPEN HYSYS PRO-II PROMAX ASPEN FLARE NET ASPEN B.JAC PIPESIM OLGA	 HTRI AFT IMPULSE FLOWNET DISTIL PHAST PIPEPHASE INSTRUCALC HTFS	**Civil & Structure** SAP2000 ETABS SAFE CIVIL 3D MATHCAD SACS
MECHANIC PV ELITE TANK NOZZLE PRO	 ANSYS AMETANK	**Electrical** ETAP DIALUX CALCULUX Win Size (SAFT) AVEVA Instrumentation & Electrical
Piping AUTO PLANT AVEVA PDMS Cad Worx Plant & PID	 CAESAR II Plant WAVE	**Control Project** Primavera P6 MS-Project

Carbon Management Services

Within the Clean Development (CDM) market, **Rahbord Energy** is offering consulting and advisory services, and bringing together demand and supply of CO_2 Certificates. In this regard, **Rahbord Energy** will provide following services to Iranian Clients:

- Capacity Building and Training
- Assistance with preparation of the Project Idea Note (PIN) and Project Design Document (PDD)
- Determination of Baseline Emissions, Project GHG Emissions and Project Emission Reductions
- Support during Host Country Approval process, Validation, Emission Reductions Purchase Agreement (ERPA) negotiations, CDM Registration , Verification, Certification and Contractual arrangements
- Preparation of Annual Monitoring Reports
- Training
- Carbon Management Strategy &Planning
- Carbon Credit Procurement
- Commercial Advisory







The CDM Project Cycle

Integrated Management System Policy (IMS)



Rahbord Energy Development Engineering Company is one of the active companies in providing design and engineering services aimed at continuously improving the quality of safety, health, and the environment. The company has adopted ISO 9001:2015, ISO 29001:2020, ISO 14001:2015, ISO 45001:2018, ISO 21502:2020, and IMS (Integrated Management System) standards and the HSE-MS guideline as its model, and declares its "Integrated Management System Policy" to become a reputable company in the execution of oil, gas, and petrochemical projects as follows:

- Participation in the design and implementation of development projects in the oil, gas, and petrochemical industries and environmental fields within the defined costs and time frames, aiming to achieve the economic goals of investments made, while relying on internal capacities and capabilities as well as foreign partners, and respecting social and environmental commitments.
- Organizing specialized core teams within the company to develop and expand technical capabilities.
- Fully ensuring customer and stakeholder satisfaction by meeting their requirements and needs in projects.
- Striving to reduce pollution and prevent environmental degradation in the workplace
- Optimally utilizing all available resources and conserving resources and energy to maintain a green environment.
- Working to minimize occupational hazards to create a safe working environment for all personnel, stakeholders, and equipment.
- Complying with all laws and regulations related to environmental, safety, and occupational health issues.
- Developing and promoting human resource quality through employee satisfaction and continuous training.
- Emphasizing a project-oriented approach in structuring the company and continuously improving activities through the implementation of the integrated project management system.
- Increasing capabilities and skills through the experiences gained in previous projects, encouraging active participation from members, and focusing on the creative ideas of employees to enhance and strengthen the organization.
- Assisting and strengthening service suppliers as an influencing factor on the quality of the product provided to customers.

I am committed to the principles of quality management, dedicating myself to an annual review of these principles to ensure continuous improvement and the effectiveness of the quality management system. I will strive to engage all colleagues in enhancing service quality and expect all esteemed colleagues to believe in the principle of everyone's participation in quality improvement at all levels, aiding this organization in achieving its goals.

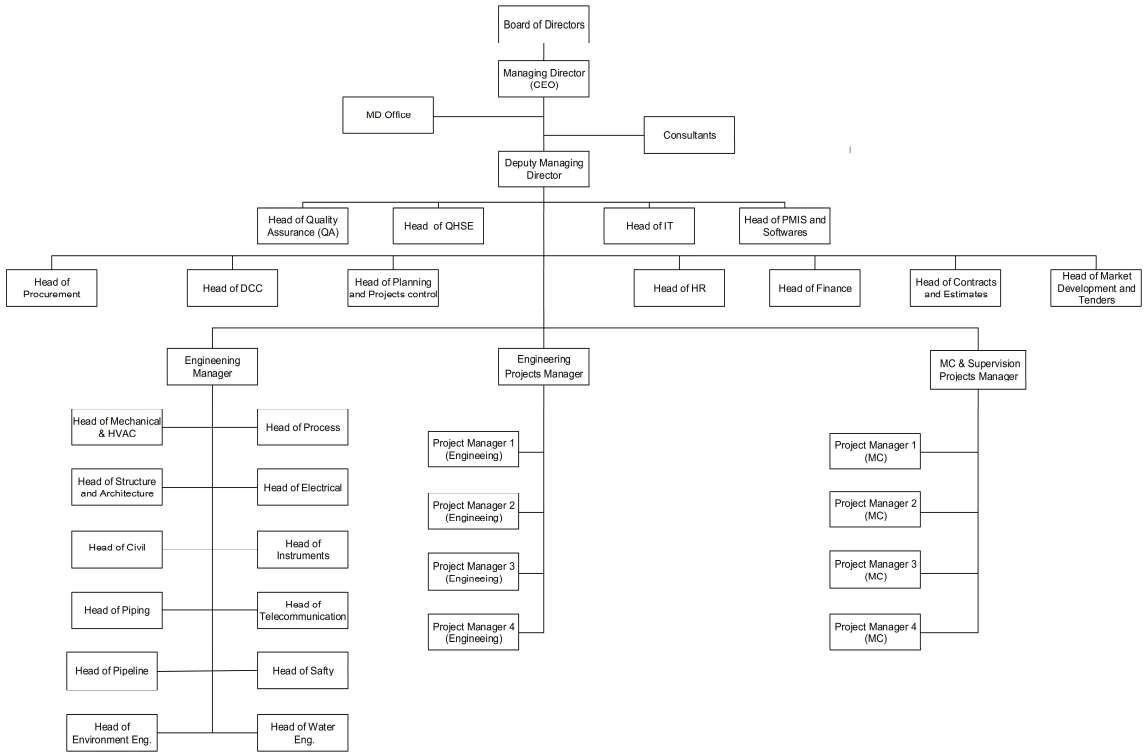
DOC CODE: IM-PO-01
Version: 06
Date: 2024-10-01

Masoud Moshtaghian
Director Manager

Organization Structure

Following chart illustrates the structure of the **Rahbord Energy** Company:

Ver:01	**Rahbord Energy Design & Development Co** **Organizational Top Chart -2025**	راهبرد انرژی Rahbord Energy



LICENSES & CERTIFICATES

Accreditation And Licenses

- Grade 1 Certificate of Competency for Engineering Consultancy of Oil, Gas and Petrochemical Refineries
- Grade 1 Certificate of Competency for Engineering Consultancy of Oil and Gas Pipelines
- Grade 1 Certificate of Competency for Engineering Consultancy of Oil and Gas Surface Facilities
- Grade 2 Certificate of Competency for Engineering Consultancy of Environmental
- Grade 1 Certificate of Management Contracting (MC)
- Contractors Safety Accreditation Certificate

Management Certificate

- DIN EN ISO 9001:2015
- DIN EN ISO 14001:2015
- DIN ISO 45001:2018
- ISO 21502:2020
- ISO 29001:2020
- ISO 10006:2017
- HSE-MS
- IMS

معاونت تولیدی، فنی و زیربنایی
امور پیمانکاران و مشاوران

ریاست جمهوری
سازمان برنامه و بودجه کشور

شماره: ۶۲۶۳۶۱
تاریخ: ۱۴۰۴/۱۱/۲۶

گواهینامه صلاحیت خدمات مشاوره

جناب آقای مسعود مشتاقیان
مدیرعامل محترم شرکت مهندسی طرح و توسعه راهبرد انرژی
شناسه ملی ۱۰۱۰۳۲۷۱۲۵۵

به استناد تصویب نامه شماره ۲۰۶۳۷/ت۳۸۴۳۷هـ مورخ۱۳۸۳/۴/۲۳هیأت محترم وزیران و اصلاحات بعدی، با توجه به احراز شرایط لازم و تأیید صلاحیت در سامانه جامع تشخیص صلاحیت عوامل نظام فنی و اجرایی، بدین وسیله صلاحیت آن شرکت برای انجام امور مشاوره به شرح زیر اعلام می گردد.

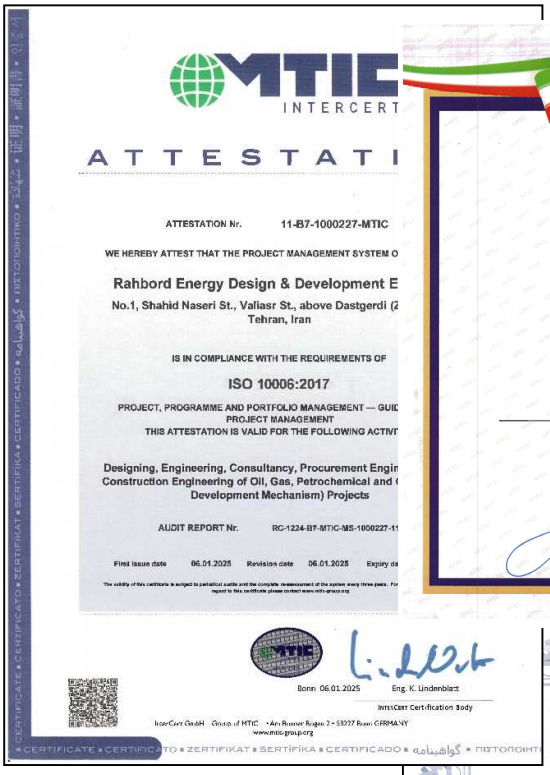
پایه	تخصص	ظرفیت
۲	محیط زیست	تعداد ۵ کار مجاز
۱	تاسیسات بالادستی و رو زمینی	تعداد ۶ کار مجاز
۱	خطوط انتقال نفت و گاز	تعداد ۶ کار مجاز
۱	پالایشگاه و پتروشیمی	تعداد ۶ کار مجاز
۱	پالایشگاه و پتروشیمی (مدیریت طرح)	تعداد ۱ کار مجاز
۱	تاسیسات بالادستی و رو زمینی (مدیریت طرح)	تعداد ۱ کار مجاز
۱	خطوط انتقال نفت و گاز (مدیریت طرح)	تعداد ۱ کار مجاز
۲	محیط زیست (مدیریت طرح)	تعداد ۱ کار مجاز

این گواهینامه تا پایان دوره ارزشیابی و حداکثر تا تاریخ ۱۴۰۸/۱۱/۲۵ معتبر بوده و همواره ملاک اعتبار آن، اطلاعات مندرج در سامانه sajar.mporg.ir است.

ارائه خدمات مدیریت طرح در تخصص های «پالایشگاه و پتروشیمی» با پایه ۱ «تاسیسات بالادستی و رو زمینی» با پایه ۱ «خطوط انتقال نفت و گاز» با پایه ۱ «محیط زیست» با پایه ۲ توسط دارنده این گواهینامه مجاز است.


INTERCERT
CERTIFICATE
CERTIFICATE Nr. 18-E-1002742-MTIC
WE HEREBY CERTIFY THAT THE ENVIRONMENT MANAGEMENT SYSTEM OPERATED BY
Rahbord Energy Design & Development Eng. Co.
No.1, Shahid Naseri St., Valiasr St., above Dastgerdi (Zafar) St.,
Tehran, Iran
IS IN COMPLIANCE WITH THE REQUIREMENTS OF
DIN EN ISO 14001:2015
THIS CERTIFICATE IS VALID FOR THE FOLLOWING ACTIVITIES
Designing, Engineering, Consultancy, Procurement Engineering and Construction Engineering of Oil, Gas, Petrochemical and CDM (Clean Development Mechanism) Projects
AUDIT REPORT Nr. RC-1224-QEO-MTIC-MS-1002742-18
First Issue date 06.01.2025 Revision date 06.01.2025 Expiry date 05.01.2028
Bonn 06.01.2025
Eng. K. Lindenblatt
InterCert Certification Body
InterCert GmbH – Group of MTIC – • Am Bonner Bogen 2 • 53227 Bonn GERMANY
www.mtic-group.org
IAF
DAkkS
CERTIFICATE • CERTIFICATO • ZERTIFIKAT • SERTİFİKA • CERTIFICADO • گواهینامه • ΠΙΣΤΟΠΟΙΗΤ


INTERCERT
CERTIFICATE
CERTIFICATE Nr. 18-Q-1002742-MTIC
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY
Rahbord Energy Design & Development Eng. Co.
No.1, Shahid Naseri St., Valiasr St., above Dastgerdi (Zafar) St.,
Tehran, Iran
IS IN COMPLIANCE WITH THE REQUIREMENTS OF STANDARD
DIN EN ISO 9001:2015
THIS CERTIFICATE IS VALID FOR THE FOLLOWING ACTIVITIES
Designing, Engineering, Consultancy, Procurement Engineering and Construction Engineering of Oil, Gas, Petrochemical and CDM (Clean Development Mechanism) Projects
AUDIT REPORT Nr. RC-1224-QEO-MTIC-MS-1002742-18
First Issue date 06.01.2025 Revision date 06.01.2025 Expiry date 05.01.2028
Bonn 06.01.2025
Eng. K. Lindenblatt
InterCert Certification Body
InterCert GmbH – Group of MTIC – • Am Bonner Bogen 2 • 53227 Bonn GERMANY
www.mtic-group.org
IAF
DAkkS
CERTIFICATE • CERTIFICATO • ZERTIFIKAT • SERTİFİKA • CERTIFICADO • گواهینامه • ΠΙΣΤΟΠΟΙΗΤ



MTIC INTERCERT

ATTESTATI

ATTESTATION Nr. 11-B7-1000227-MTIC

WE HEREBY ATTEST THAT THE PROJECT MANAGEMENT SYSTEM O

Rahbord Energy Design & Development E

No.1, Shahid Naseri St., Valiasr St., above Dastgerdi (2
Tehran, Iran

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

ISO 10006:2017

PROJECT, PROGRAMME AND PORTFOLIO MANAGEMENT — GUID
PROJECT MANAGEMENT
THIS ATTESTATION IS VALID FOR THE FOLLOWING ACTIVI

Designing, Engineering, Consultancy, Procurement Engin
Construction Engineering of Oil, Gas, Petrochemical and
Development Mechanism) Projects

AUDIT REPORT Nr. RC-1224-B7-MTIC-MS-1000227-1

First issue date 06.01.2025 Revision date 06.01.2025 Expiry da

Bonn 06.01.2025 Eng. K. Lindenblatt
InterCert Certification Body



APEC

ASSOCIATION OF PETROLEUM INDUSTRY
ENGINEERING AND CONSTRUCTION COMPANIES

Registered at Ministry of C.L.S. : Number 32-3/2-216 , Dated: Dec, 11,2000 - Registered at ICCIMA : Number 320 Dated May, 04 , 2012

Membership Ceritficate

Rahbord Energy

Registration No.289962.Membership NO 97355.Member Since MAR.2018.Issued on March 2024.valid up to.March 2025

Mohamad Halvaei
CHAIRMAN

Alireza Rashidi
TREASURER
Member of the Board

www.irapec.com



باشگاه اندیشه ورزان نفت و نیروی ایرانیان
Iranian Petroleum and Energy Club (IPEC)

CERTIFICATE OF LEGAL MEMBERSHIP

گواهی عضویت حقوقی

This is certified that

Rahbord Energy Design & Develop

Has been accepted as a Legal member of thi



گواهینامه صلاحیت ایمنی پیمانکاران

Your job is as safe as you want

ویژه اشخاص حقوقی و حقیقی

شماره ثبت :
تاریخ صدور : ۱۴۰۳/۹/۱۴

در اجرای تبصره ماده ۲ آیین نامه ایمنی امور پیمانکاری ، مصوب ۱۳۸۸/۱۲/۰۳ شورای عالی حفاظت فنی ، صلاحیت ایمنی

به : شرکت مهندسی طرح وتوسعه راهبردانرژی

به مدیریت : جناب آقای مسعود مشتاقیان با کد ملی : ۰۰۴۰۸۴۲۲۹۰

به نشانی : تهران، بلوار نلسون ماندلا، بالاتر از خیابان دستگردی، کوچه شهید سعید ناصری، پلاک ۱ کد پستی : ۱۹۶۸۶۴۵۷۸۳

تلفن ثابت : ۰۲۱۸۸۶۵۱۴۹۱ تلفن همراه : ۰۹۱۲۱۲۰۷۰۷۵

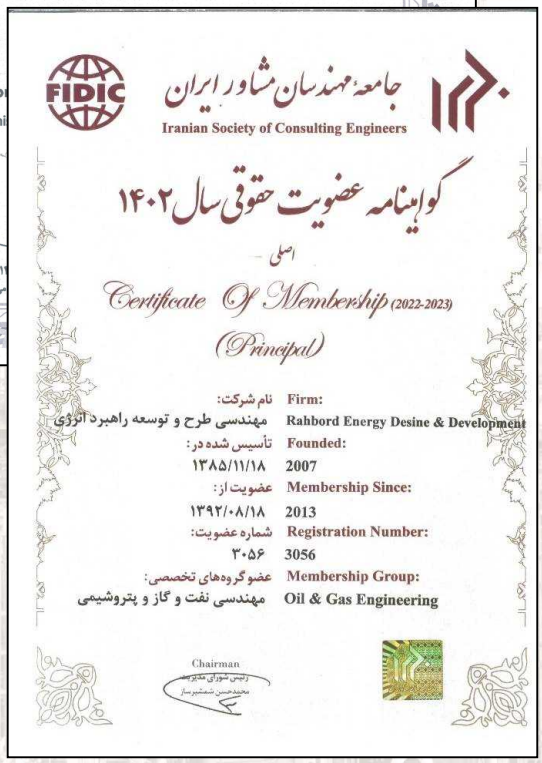
و با شماره ثبت : ۲۸۹۹۶۲ تاریخ ثبت : ۱۳۸۵/۱۱/۱۸ شناسه ملی : ۱۰۱۰۳۲۷۱۲۵۵

با موضوع فعالیت در زمینه زیر : مطابق با موضوع گواهینامه صلاحیت پیمانکاری

در کمیته تشخیص صلاحیت ایمنی استان مورد تأیید قرار گرفت. این گواهینامه با رعایت شرایط ابطال و تعلیق در آیین نامه (مفاد مندرج در ظهر گواهینامه) به مدت ۲ سال از تاریخ صدور اعتبار دارد و این گواهینامه قابل واگذاری نمی باشد.

حامد ویس کرمی
مدیرکل تعاون، کار و رفاه اجتماعی استان تهران

اداره کل تعاون، کار و رفاه اجتماعی استان تهران



FIDIC

جامعه مهندسان مشاور ایران
Iranian Society of Consulting Engineers

گواهینامه عضویت حقوقی سال ۱۴۰۲

اصلی

Certificate Of Membership (2022-2023)

(Principal)

نام شرکت:	Firm:
مهندسی طرح و توسعه راهبرد انرژی	Rahbord Energy Desine & Development
تأسیس شده در:	Founded:
۱۳۸۵/۱۱/۱۸	2007
عضویت از:	Membership Since:
۱۳۹۲/۰۸/۱۸	2013
شماره عضویت:	Registration Number:
۳۰۵۶	3056
عضو گروه‌های تخصصی:	Membership Group:
مهندسی نفت و گاز و پتروشیمی	Oil & Gas Engineering

Chairman

MTIC GROUP

DIN EN ISO 9001:2015
DIN EN ISO 14001:2015
DIN ISO 45001:2018
ISO 21502:2020
ISO 29001:2020
ISO 10006:2017
HSE-MS
IMS

Refrence list

№	Project	Client
1	The Provision of Master Engineering Services for Shadegan Oil Field	MA VOSTOK
2	Basic Engineering Design and Front End Engineering Design (FEED) for Kupal Oil Field (Asmari Reservoir)	"Sojuzchimexport"
3	Engineering Works-DC1: Shadegan CPF, Power Generation Plant Conceptual Study/pre-FEED, Engineering Survey, FEED of Shadegan In-field Facilities, Accommodation Camp	MA VOSTOK
4	Services on Supervising for Construction of fuel oil desulfurization unit in the form of EPC Lavan Island,	Lavan Oil Refinery Company
5	Supervision of National metering and dispatching plan (Construction of accurate automatic measurement systems for oil exchange points)	(PEDEC)
6	Final Invoice and Insurance Services	I.G.E.D.C.
7	Engineering & Site Supervision for Arvandan Oil Gas company	Arvandan Oil & Gas Company
8	Supervision of Gas Storage Development Project in Khangiran Field, Shurijeh "D" Reservoir	I.G.E.D.C.
9	Basic engineering of Construction of quantitative and qualitative measurement stations (Astara/Ghalejigh/Sarakhs/Noordooz/Jolfa) & phase 1&2 south pars gas refinery Complex	I.G.E.D.C.
10	Basic engineering for 24 inch gas pipe line (Mianrahan to Kamyaran) and Maryam Negar GPRS	I.G.E.D.C.
11	Engineering and Supervising for engineering, procurement and construction at Cheshmeh-Khosh, Dalpari and East Paydar Oil Fields	ZN Vostok
12	SEPEHR-JUFAIR Field Development and Production Operations- EPC Project	PEDEC
13	Gurreh-Jask Pump Station No.5 (EPC)	PEDEC
14	Supervision Services For EPC contract, Supply Contracts for CMK Project	ZN Vostok
15	1-Hengam Gas Treatment Plant (Feed-Basic-Detailed Design- Interconnecting Piperacks)	IOOC
16	Conceptual Study, FEED and EPC Tender Packages of Aghar Gas Field Development Project	ICOFC
17	Conceptual Study, FEED and EPC Tender Packages of Eram&Pazan Gas Field Development Project Fars Province, Iran	ICOFC
18	Conceptual Study, FEED and EPC Tender Packages of Madar Gas Field Development Project	ICOFC
19	Basic engineering of deoxygenation, substation and power transmission line, ancillary services and preparation of tender Packages - Water supply plan for injection into Karun oil fields	PEDEC
20	MC & Site Supervision of South Yaran Oil Field Development Project	PEDEC
21	Three Gas Compressor Stations Project on IGAT VI (Ahwaz- Hosseynieh- Koohdasht) and (Khoramshahr) Metering & PCS Stations (EPC)	I.G.E.D.C.
22	Two Gas Compressor Stations Project on Arsanjan / Kheyrgoo (EPC)	I.G.E.D.C.
23	Dorahan Gas Compressor Station on IGAT X (EPC)	I.G.E.D.C.

№	Project	Client
24	Sa'adat Abad Oil Field Development Project-Fars Province	ICOFC
25	Two Gas Compressor Stations Project on IGAT VIII (Khonj/Jahrom) – (EPC)	I.G.E.D.C.
26	Aghajari Gas Injection Compressor Station Debottlenecking Project	NISOC
27	Technical Management Services For NIOC Project	NIOC
28	Qeshm Oil Production Unit Extension & 20" Oil Pipeline (30km) Project	IOOC
29	Nowrooz Offshore Oil Field Development (Offshore Project)	IOOC
30	Cheshmeh-Khosh, Dalpari and East Paydar Oil Field Development	ZN Vostok
31	West Paydar Production Unit,Gas Gat hering & Gas Injection Unit	ICOFC
32	IGAT VI (Khoramshahr) Metering & PCS Stations	I.G.E.D.C.
33	Early Production of Band-e-Karkhe Oil Field	PEDEC
34	Qeshm Oil Production Unit Extension & 20" Oil Pipeline (30km) Project	IOOC
35	Top Side Jetty, Propane BOG System and Seawater Intake and Outfall (Offshore Project)	IOOC
36	SALMAN Offshore Complex Firewater System Renovation Project (Offshore Project)	IOOC
37	Aboozar & Bahregansar Tie-in EPC Project (Khark Island) (Offshore Project)	IOOC
38	Foroozan Renovation &Reconstruction (Offshore Project)	IOOC
39	Qeshm Oil Production Unit New Oil Strippers Project	IOOC
40	Qeshm Oil Production Unit LLP Flare System Project	IOOC
41	Hendijan Wellhead Platforms EPC Project	IOOC
42	Piran & Tarik HPPCDM-EIA Project	IWPCo.
43	Bakhtiari HPP CDM-EIA Project	IWPCo
44	Namarestagh 1&2HPPCDM-EIA Project	IWPCo
45	Zayandeh Rood HPP CDM-EIA Project	IWPCo
46	KAHAK Wind Farm –EIA Project	MAPNA.
47	Kuhin Wind Farm CDM-EIA Project	MAPNA
48	Development of Khazar Oil Fields	NINOC

OUR PROJECTS

Petrochemical and Refinery



Project	**Services on Supervising for Construction of fuel oil desulfurization unit in the form of EPC**
Client	Lavan Oil Refinery Company
Project Location	Lavan Island, Persian Gulf
Services Performed	Supervising for engineering, procurement and construction
Project Status	Ongoing
Project Start	2024 (1403)





Project	**Hengam Gas Treatment Plant (Detailed Design)**
Client	IOOC
Engineering Subcontractor	APS Italy / Rahbord Energy
Project Location	Persian Gulf
Services Performed	Detail and Procurement Engineering & As-built Drawings of Gas Treatment Plant
Project Status	Finished
Project Start	2011 (1390)

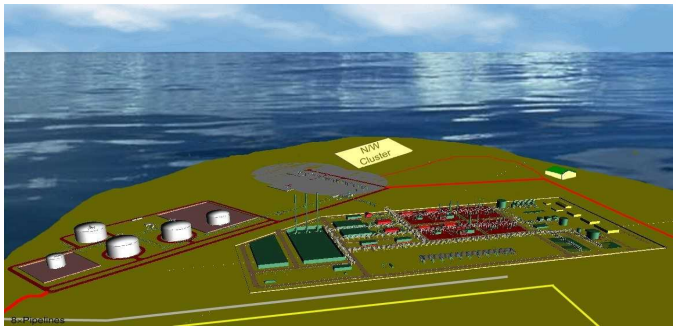
Project	**Hengam Gas Refinery Offsite Piperack**
Client	IOOC
Project Location	Qeshm Island
Services Performed	Detailed and Procurement Engineering & As-built Drawings
Project Status	Finished





Project	**Hengam Gas Refinery (Front End Engineering Design-FEED)**
Client	IOOC
Project Location	Persian Gulf
Services Performed	Basic Engineering of Gas Treatment Plant, Detail Engineering of industrial & non-industrial buildings
Project Status	Finished
Project Start	2010 (1389)

Project	**Top Side Jetty, Propane BOG System and Seawater Intake and Outfall (Detailed Eng.)(NGL Khark Island)**
Client	IOOC
Project Location	Persian Gulf
Services Performed	Detailed Engineering (All Disciplines), Procurement Engineering.
Project Status	Finished
Project Start	2010 (1389)





Project	**650# Steam Interconnecting Line Project**
Client	Tehran Oil Refining Company
Project Location	Tehran
Technical Category	Oil Refinery- Utility
Services Performed	Basic Design and EPC Package
Project Status	Finished

OUR PROJECTS

- Oil and gas Field Development
- Offshore
- Oil Production Plants
- PIPE LINE



Project	**Engineering Works-DC1) Shadegan Oil Field Development**
Client	MA Vostok (Russia
Project Location	Khozestan, Province
Services Performed	Shadegan CPF & Power Generation Plant Conceptual Study/pre-FEED, Engineering Survey, FEED of Shadegan In-field Facilities, Accommodation Camp
Project Status	Ongoing
Project Start	2025 (1404)





Project	**The Provision of Master Engineering Services for Shadegan Oil Field**
Client	MA Vostok (Russia)
Project Location	Khozestan, Province
Services Performed	Feasibility Studies- Concept Development- FEED- Detailed Design- Preparation of EPC tender packages
Project Status	Ongoing
Project Start	2025 (1404)

Project	**Basic Engineering Design (BED) and Front End Engineering Design (FEED) for Kupal Oil Field (Asmari Reservoir)"**
Client	SOJUZCHIMEXPORT
Project Location	Khuzestan Province
Services Performed	-Basic engineering -FEED
Project Status	Ongoing
Project Start	2025 (1404)





Project	**SEPEHR-JUFAIR Field Development and Production Operations (EPC)**
Client	PEDEC
Project Location	Khozestan
Services Performed	Basic Endorsement, Detailed Engineering, Procurement Engineering, Site Engineering & As-built Drawings
Project Status	Finished
Project Start	2021 (1400)

Project	**Cheshmeh-Khosh, Dalpari and East Paydar Oil Fields Development**
Client	ZN Vostok (Russia)
Project Location	ILAM Province
Services Performed	Service for the examination of technical documentation
Project Status	Finish
Project Start	2023 (1401)





Project	**Cheshmeh-Khosh, Dalpari and East Paydar Oil Field Development**
Client	ZN Vostok (Russia)
Project Location	Ilam
Services Performed	Supervising Services for EPC-contracts, Supply contracts and other contracts for CMK Project
Project Status	Finished
Project Start	2022 (1401)

Project	**Cheshmeh-Khosh, Dalpari and East Paydar Oil Field Development**
Client	ZN Vostok (Russia)
Project Location	Ilam
Services Performed	Supervising for engineering, procurement and construction
Project Status	Finished
Project Start	2021 (1400)





Project	**FEED Study of Madar Gas Field Development Project**
Client	ICOFC
Project Location	Hormozgan
Services Performed	Conceptual Study, FEED, EPC Tender Packages
Project Status	Finished
Project Start	2022 (1401)

Project	**FEED Study of Eram & Pazan Gas Fields Development Project**
Client	ICOFC
Project Location	Fars
Services Performed	Conceptual Study, FEED, EPC Tender Packages
Project Status	Finished
Project Start	2023 (1401)





Project	**FEED Study of Aghar Gas Field Development Project**
Client	ICOFC
Project Location	Fars
Services Performed	Conceptual Study, FEED, EPC Tender Packages
Project Status	Finished
Project Start	2023 (1402)

Project	**MC & Site Supervision of South Yaran Oil Field Development Project**
Client	Petroleum Engineering & Development Company (PEDEC)
EPC Contractor	Pars Keyhan / Soroush Energy Poya
Project Location	Khozestan
Services Performed	Management Consultancy & Site Supervision
Project Status	Finished
Project Start	2019 (1398)





Project	**Sa'adat Abad Oil Field Development Project**
Client	Iranian Central Oil Fields Company (ICOFC)
Project Location	90 km far from South-East of Shiraz
Services Performed	Detail Engineering, Procurement Eng. and Site Engineering
Project Status	Finished
Years of Work	2019 (1397)

Project	**Early Production of Band-e-Karkhe Oil Field**
Client	PEDEC
Project Location	Khouzestan/Ahwaz
Services Performed	Detail and Procurement Engineering & As-built Drawing
Project Status	Finished
Project Start	2013 (1392)

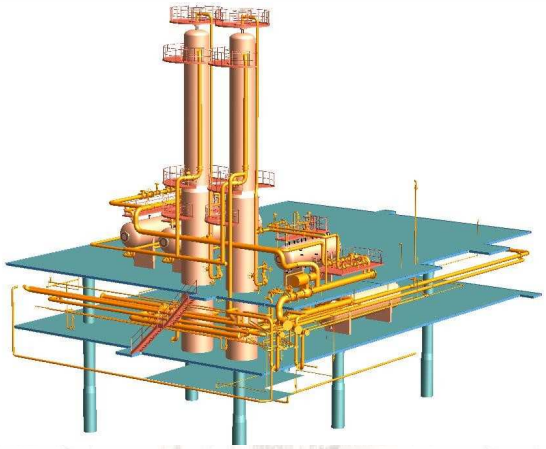




Project	**Front End Engineering Design (FEED) of Nowrooz Offshore Oil Field Development (Offshore Project)**
Client	IOOC
Project Location	North-western part of The Persian Gulf
Services Performed	- Basic Design (FEED) Studies - Preparation of EPC Documents
Project Status	Finished
Project Start	2012 (1391)

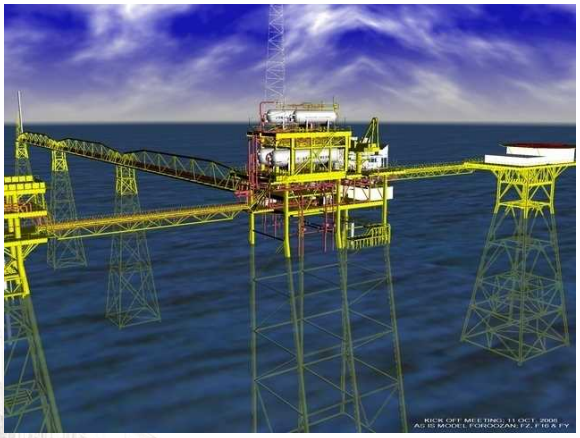
Project	**SALMAN Offshore Complex Firewater System Renovation Project (Lavan Island)**
Client	IOOC
Project Location	Persian Gulf
Services Performed	Basic & Detailed Engineering, Site Engineering - As-built Drawings
Project Status	Finished
Project Start	2010 (1389)

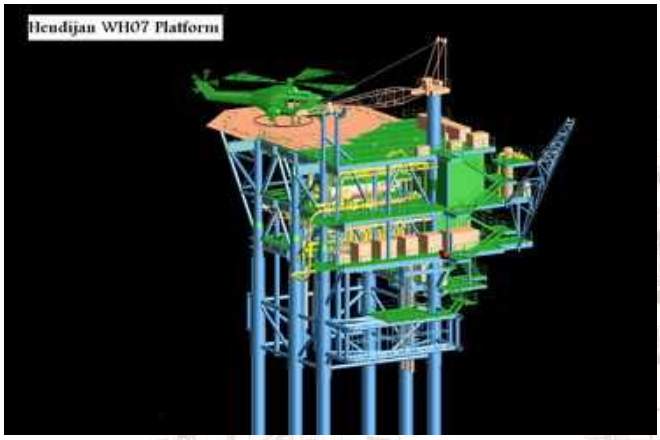




Project	**Aboozar & Bahregansar Tie-in EPC Offshore Project**
Client	IOOC
Project Location	Persian Gulf
Services Performed	Basic Design Review, Detailed Engineering, Site Engineering - As-built Drawings
Project Status	Finished
Project Start	2009 (1388)

Project	**Foroozan Renovation &Reconstruction EPC Project**
Client	IOOC
Project Location	Persian Gulf
Services Performed	Basic Design Review& Detailed Engineering (Process, Safety, Electrical &Instrument Disciplines)
Project Status	Finished
Project Start	2009 (1388)





Project	**Hendijan Wellhead Platforms EPC Project**
Client	IOOC
Project Location	Persian Gulf
Services Performed	Basic Design Review & Detailed Engineering (Safety Discipline)
Project Status	Finished
Project Start	2008 (1387)

Project	**Basic engineering of deoxygenation, substation and power transmission line, ancillary services and preparation of tender Packages - Water supply plan for injection into Karun oil fields**
Client	PEDEC
Project Location	Khozestan
Capacity	1,000.000 BPD
Services Performed	Basic engineering & EPC Tender Packages
Project Status	Ongoing
Project Start	2023 (1402)





Project	**Qeshm Oil Production Unit Extension & 20” Oil Pipeline (30km) Project (FEED & Detailed Eng.)**
Client	IOOC
Project Location	Persian Gulf, Qeshm Island
Services Performed	Basic & Detailed &,Procurement Engineering, Site Engineering &As-built Drawings
Project Status	Finished
Project Start	2011 (1390)

Project	**Qeshm Oil Production Unit New Oil Strippers Project**
Client	IOOC
Project Location	Persian Gulf, Qeshm Island
Services Performed	Detailed & Procurement Engineering, Site Engineering & As-built Drawings
Project Status	Finished
Project Start	2011 (1390)





Project	**Qeshm Oil Production Unit LLP Flare System Project**
Client	IOOC
Project Location	Persian Gulf, Qeshm Island
Capacity	LLP Flare System
Services Performed	Detailed Engineering, Procurement Engineering, Site Engineering & As-built Drawings
Project Status	Finished
Project Start	2011 (1390)

Project	**Basic engineering for 24 inch gas pipe line (Mianrahan to Kamyaran) and Maryam Negar GPRS**
Client	IGEDC
Project Location	Kermanshah
Services Performed	Pipe line Basic Design.
Project Status	Ongoing
Project Start	2026 (1404)



Project	**Development of Khazar Oil Fields (OFFSHORE PROJECT)**
Client	NINOC
Project Location	Caspian Sea (Khazar Sea)
Capacity	400,000 BPD Crude Oil
Services Performed	Conceptual Design (Process & Plant Layout)
Project Status	Finished

OUR PROJECTS

- Gas Compressor Station
- PUMPSTATION



Project	**Two Gas Compressor Stations Project on (Arsanjan / Kheyrgoo) EPC**
Client	IGEDC.
Project Location	Fars
Capacity	110 MMSCMD
Services Performed	Detail Engineering, Procurement Engineering & As-built Drawing
Project Status	Finished
Project Start	2019 (1398)



Project	**Dorahan Gas Compressor Station on IGAT X (EPC)**
Client	IGEDC
Project Location	Charmahal Va Bakhtiari
Services Performed	Basic Endorsement, Detail Design and Procurement Engineering & As-built Drawing
Project Status	Finished
Project Start	2019 (1398)

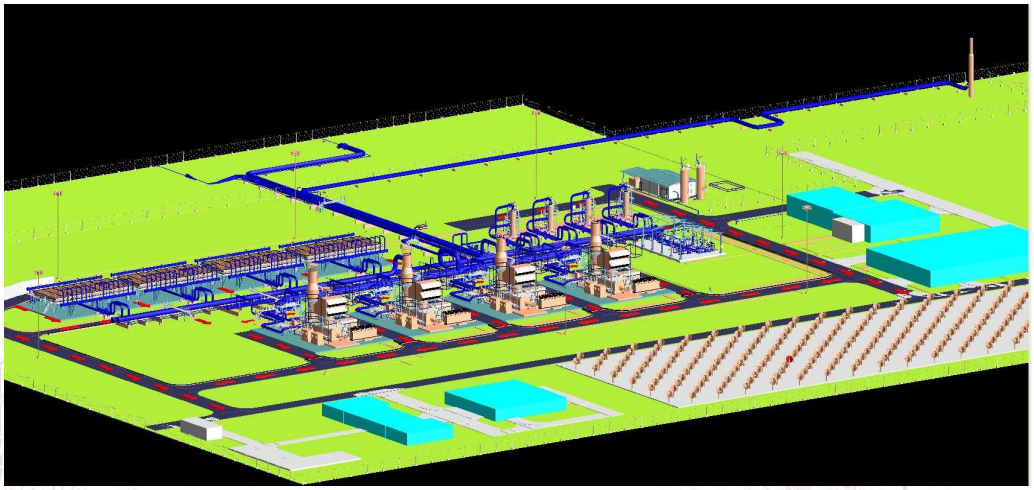
Project	**West Paydar Production Unit,Gas Gathering & Gas Injection Unit**
Client	ICOFC
Project Location	180 km of North-East of AHWAZ and 50 km far from ANDIMESHK
Services Performed	Detail Engineering, Procurement and Construction Supervision
Project Status	Finished
Project Start	2018 (1397)





Project	**Aghajari Gas Injection Compressor Station Debottlenecking Project**
Client	National Iranian South Oilfields Co. (NISOC)
Project Location	Ahwaz
Services Performed	Basic Engineering & EPC Package
Project Status	Finished
Years of Work	2017 (1395)

Project	**Three Gas Compressor Stations Project on IGAT VI (Ahwaz- Hosseynieh- Koohdasht)**
Client	IGEDC.
Project Location	Ahwaz/ Hosseynieh/ koohdasht
Services Performed	Basic Endorsement, Detail Engineering, Procurement Engineering
Project Status	Finished
Project Start	2016 (1394)



Project	**Two Gas Compressor Stations Project on IGAT VIII (Khonj/Jahrom)**
Client	IGDEC.
Project Location	Fars (Khonj-Jahrom)
Services Performed	Detail Design and Procurement Engineering & As-built Drawing
Project Status	Finished
Project Start	2014 (1393)

Project	**Gurreh-Jask Pump Station No.5 (EPC)**
Client	PEDEC
Project Location	Near Bandar Abbas, Hormozgan Province
Services Performed	Detail Engineering, Procurement Eng. and Site Engineering
Project Status	Finished
Project Start	2019 (1398)



OUR PROJECTS

- MEETERING
- GPRS



Project	**Supervision of National metering and dispatching plan (Construction of accurate automatic measurement systems for oil exchange points**)
Client	PEDEC
Project Location	Khozestan, Booshehr, Hormozgan, Kohkiluye & Boyerahmad, Markazi, ILam and Fars Province
Services Performed	Supervising for engineering, procurement and construction
Project Status	Ongoing
Project Start	2024 (1403)





Project	**Basic engineering of Construction of quantitative and qualitative measurement stations (Astara/Ghalejigh/Sarakhs/Noordooz/Jolfa) & phase 1&2 south pars gas refinery Complex**
Client	IGEDC.
Project Location	Gilan, Golestan,Azarbayejan sharghi, Khorasan razavi & Booshehr Province
Services Performed	Basic engineering/FEED & EPC Tender Packages
Project Status	Ongoing
Project Start	2024 (1402)

Project	**Basic engineering for 24 inch gas pipe line (Mianrahan to Kamyaran) and Maryam Negar GPRS**
Client	IGEDC
Project Location	Kermanshah
Services Performed	GPRS Basic Design.
Project Status	Ongoing
Project Start	2026 (1404)





Project	**IGAT VI (Khoramshahr) Metering & PCS Stations**
Client	IGEDC
Project Location	Khoramshahr
Services Performed	Detail & Procurement Eng.
Project Status	Finished
Project Start	2016 (1395)

OUR PROJECTS

❖ EIA PROJECT

Project	**Piran & Tarik HPPCDM Project**
Client	Iran Water & Power Resources Development Co.
Project Location	Kermanshah / Gilan
Services Performed	PDD Preparation, Assist in Validation, Assist in Host Country Approval, Assist in Investor Country Approval, Assist in Registration, Emission Reductions Purchase Agreement Negotiations, Monitoring of Project Activity and Selling of Certificates
Project Status	Finished (Registered in UN)





Project	**Bakhtiari HPP CDM Project**
Client	Iran Water & Power Resources Development Co.
Project Location	Khorramabad / Lorestan
Capacity	1500 MW / 3000GWh
Services Performed	PDD Preparation, Assist in Validation, Assist in Host Country Approval, Assist in Investor Country Approval, Assist in Registration, Emission Reductions Purchase Agreement Negotiations, Monitoring of Project Activity and Selling of Certificates
Project Status	Finished

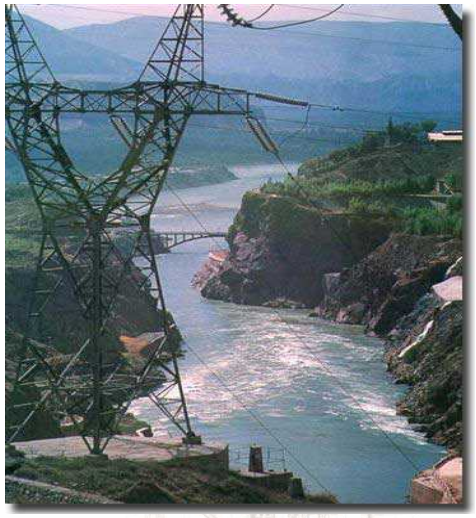
Project	**Namarestagh 1&2HPPCDM Project**
Client	Iran Water & Power Resources Development Co.
Project Location	Amol / Mazandaran
Capacity	32 MW / 98GWh
Technical Category	Hydropower Plants (Large Scale)
Services Performed	PDD Preparation, Assist in Validation, Assist in Host Country Approval, Assist in Investor Country Approval, Assist in Registration, Emission Reductions Purchase Agreement Negotiations, Monitoring of Project Activity and Selling of Certificates
Project Status	Finished



Project	**Zayandehrood HPP CDM Project**
Client	Iran Water & Power Resources Development Co.
Project Location	Esfahan
Capacity	8.5 MW / 38.7 GWh
Technical Category	Hydropower Plants (Small Scale)
Services Performed	PDD Preparation, Assist in Validation, Assist in Host Country Approval, Assist in Investor Country Approval, Assist in Registration, Emission Reductions Purchase Agreement Negotiations, Monitoring of Project Activity and Selling of Certificates
Project Status	Finished

Project	**KAHAK Wind Farm Project**
Client	MAPNA Renewable Generation Co.
Project Location	IRAN
Capacity	100 MW
Technical Category	Wind Power Plants
Services Performed	PDD Preparation, Assist in Validation, Assist in Host Country Approval, Assist in Investor Country Approval, Assist in Registration, Emission Reductions Purchase Agreement Negotiations, Monitoring of Project Activity and Selling of Certificates
Project Status	Finished (Registered in UN)





Project	**Kuhin Wind Farm CDM Project**
Client	MAPNA Renewable Energies Co.
Project Location	IRAN
Capacity	100 MW
Technical Category	Wind Power Plants
Services Performed	PDD Preparation, Assist in Validation, Assist in Host Country Approval, Assist in Investor Country Approval, Assist in Registration, Emission Reductions Purchase Agreement Negotiations, Monitoring of Project Activity and Selling of Certificates
Project Status	Finished

OUR CLIENT:

ARVANDAN OIL & GAS CO.

شرکت نفت مناطق مرکزی ایران

ICOFC

NIOC

شرکت مهندسی و توسعه نفت

PEDEC

شرکت مهندسی و توسعه گاز ایران

IGEDC

شرکت نفت فلات قاره ایران

IOOC

شرکت ملی مناطق نفتخیز جنوب

NISOC

pasargad
exploration & production

شرکت پالایش نفت لاوان

LORC

SOJUZCHIMEXPORT

MA VOSTOK

ZN VOSTOK Ltd.

راهبرد انرژی
Rahbord Energy

www.rahbordeng.com info@rahbordeng.com



راهبرد انرژی
Rahbord Energy

تهران، خیابان ولیعصر، بالاتر از نیایش ، خیابان شهید سعیدی، پلاک ۹

تلفن: ۲۶۲۱۵۷۴۹-۲۶۲۱۵۸۱۹ فکس: ۲۲۰۵۱۵۳۸

No.9, Saidi.St., Valiaser St.., Tehran, IRAN

Tel. 26215819-26215749 Fax. 22051538