Founded in 1990, Roshd Sanat Group offers a wide range of industrial products & services through her resourceful & professional daughter companies - Roshd Sanat, Roshd Sanat Niroo & Tamm Locomotive Arya, in Iran and neighboring countries.

Roshd Sanat is a leading EPCC company with proven track record in variety of industrial projects such as power plants, oil, gas, petrochemical, mine & metal plants. The company provides innovative approaches for all major services from Engineering to Procurement, Construction & Commissioning. It is involved in operation and maintenance of power plants as well.

Roshd Sanat Niroo Co., a member of Roshd Sanat Group, is a prominent supplier, manufacturer and rebuilders of heavy electrical machinery and their parts in Iran. Roshd Sanat Niroo enjoying trained and qualified staff has experience of manufacturing / repairing of a few thousands of electromotor and generators over the last two decades.

Taam Locomotive Arya Co., a member of Roshd Sanat Group, provides a wide range of services in Rolling Stock Industry both in railway and underground sector such as locomotive renovation, railway fleet maintenance, manufacturing of mechanical & electrical locomotive components including electric machines. It also supplies different assemblies used in rail vehicles.
Since its establishment in 1990 as a privately owned company, **Roshd Sanat** has played a major role in development and construction of a string of infrastructural projects in power, energy, mine & metal sectors. We determine to keep our position of prominence at the energy and power sector forefront.

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**Roshd Sanat's** competitive advantage roots into its commitment to below strategies:

- To follow resource-based approach as a core policy in any and all activities
- To apply an ongoing quality enhancement process in day-to-day exercises
- To rely on capable management team
- To enjoy Experienced innovative technical staff
- To employ cutting edge technology by keeping access to reliable global players
- To apply highest authentic international codes & standards
Roshd Sanat areas of activities & services:

Small & Medium Hydro Electric Power Plants (HEPP):

Over last two decades, Roshd Sanat has been a prominent player in hydroelectric power plant industry. As an installation contractor of large power plants in late 90’s, Roshd Sanat expanded its presence to a general contractor by providing full EPCC solutions for turn-key medium & small Hydro Electric Power Plants projects.

Roshd Sanat’s bias and commitment to renewable energy was driving force behind investing in developing technological know-how in green energy. Extensive achievements were flourished by attracting engineering talent and forging partnerships with top tier international players. All those enabled Roshd Sanat to take giant leaps forward and complete a series of small & medium HEPP projects.
Roshd Sanat has successfully conducted Engineering, Procurement, Construction & Commissioning of a series of Hydroelectric Power plants during last decade. Every plant was custom designed based on required specification and local restriction by keeping up with latest technological standards. Roshd Sanat designed and manufactured different types of turbines such as Francis, Kaplan & Pelton, some of them for the first time in the country.

**Piran HEPP Project:**
- **Site Location:** Kermanshah
- **Capacity (MW):** $2 \times 1.5 = 3$
- **Annual energy (GWh):** 40
- **Turbines:** Horizontal Pelton
- **Gross Head (m):** 318

**Tarik HEPP Project:**
- **Site Location:** Rasht
- **Capacity (MW):** $2 \times 1.5 = 3$
- **Annual energy (GWh):** 40
- **Turbines:** Horizontal Kaplan (Pit type)
- **Gross Head (m):** 8.45
Roshd Sanat areas of activities & services:

**Thermal & Gas power Plants**

Roshd Sanat has been active in power sector since its foundation. Currently, Roshd Sanat is one of the most distinguished players in thermal power plant construction industry because of its extensive experience and commitment to excellence.

*Roshd Sanat* has expertise in all aspects of thermal, gas & combined cycle power plants accentuating Balance of Plant (BOP) equipment, from design to supply and erection. The company's position has been bolstered by commitment to excellence in engineering and project management.
Roshd Sanat participated in construction of several TPP since early 90’s:

- **Tabas TPP Project:**
  - Plant Type: Coal-fired thermal power plant
  - Site Location: Tabas
  - Capacity (MW): 650
    \[2 \times 325\]

- **Tarik HEPP Project:**
  - Site Location: Rasht
  - Capacity (MW): \(2 \times 1.5 = 3\)
  - Annual energy (GWh): 40
  - Turbines: Horizontal Kaplan (Pit type)
  - Gross Head (m): 8.45
Roshd Sanat areas of activities & services:

Oil, Gas & petrochemical industries:

**Roshd Sanat** provides complete solutions in Oil, Gas & Petrochemical projects as an EPC contractor. Our project managers and technical staff are well trained and proficient in latest technologic achievements of industry and follow highest international standards and guidelines during execution of projects.

**Roshd Sanat** services extend to every particulars of Oil; Gas & Petrochemical plants included detail design, supply of material, construction and management.
Multi-discipline quality services offered by **Roshd Sanat** empowered the company to successfully undertake and fulfill a wide range of important projects in this industry over the past decades.

- **Shiraz Storage Tanks Project:**
  - Site Location: Shiraz
  - Owner: NIORDC
  - Capacity of 10 Tanks: 168,000 m³
  - No. of Storage Tanks: 12

- **NGL 900 & 1,000 Project:**
  - Site Location: Gachsaran
  - Owner: NISOC
  - No. of Heat Exchangers: 4
Roshd Sanat areas of activities & services:

Mine, Metal & industrial projects:

Roshd Sanat's reliable technical backbone and well-organized resourceful team enabled the company to participate a large number of mine, metal and other industrial projects. There are a remarkable records of plants such as Steel, Aluminum, Cement, etc. which are either completed or under construction by our company.

- Tehran Cement
  Factory Project:
  Site Location: Tehran
  Scope of works:
  Replacement Plan of Unit 8 of Factory

- Mirza Kochak Khan
  Suger Factory Project:
  Site Location: Khoramshahr
  Scope of works: Installation & Commissioning of Package 2 & 3
Certificates & Citations:
What We do:
Hydro Electric Power Plants
Thermal Power Plants
Oil, Gas & Petrochemical Plants
Industrial Plants

Roshd Sanat Co.

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