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1-Introduction

Electric industry as an underlying and primary one has an important role in economical developing and welfare of society. Increasing the use of electric power and the need of transferring and speeding the process of information has changed the electrical engineering to the most important and popular fields of engineering and industry. Niroo-Resan Engineering & Construction group is an engineering, designing, providing, installing, and running, maintenance and training company. This group established with the effort of board and a team of experts in electrical engineering industry field and with the purpose of presence in civil projects, industrial projects, power plant projects, refinery projects as EP, PC, EPC, EPCF, and with the purpose of participating in prosperity and development of the country. The group has found its position between competitors by means of efficient manpower, attraction and promotion of technical knowledge and its capacity. After some time, Vala Electrical and Electronic Company with approved grade from Plan and Budget Organization added to this work set and running the production unit of cable lug, earth and lightening equipment, wire and cable included in working plan as production part. Niroo-Resan factory with high ability is producing different kinds of copper cable lug, bimetal, full bimetal, aluminum, different kinds of earthing and protection against lightening, secondary protection, and copper and galvanized earth wire. Due to the high sensitivity of manufactures and connections including cable lug this company always attempts to provide all of the raw materials with purity of 99.99%. The entire cables lugs produced by this company can compete with domestic and foreign productions and passed successfully all the stages of required standards and quality control and received ISO certifications, 14001, 9001 10004,10002,45001 from IAS American company. This company is one of the approved producers in ministry of power and ministry of oil lists.

We are honored to be accountable to your orders and requests in all production fields.

(1) 2-Social responsibility

Economic activity and making profit is just one of the aspects of the Group while according to ISO – 26000, as an important reference and guidance of social responsibility of the group that is designated by the agents of different businesses of countries, this group requires to observe the mentioned principles and standards that includes accountability in the effects of economic action, clarity of general policy, respect to beneficiaries, observing the laws, respecting human dignity and the national and international laws. The prospect and policy of this company is reservation the right of shareholders and gaining customer's satisfaction for sustainable development of society and achieving the long term prospect of the country. This company aims to domesticate the science and technology, training experts, creating jobs and developing this industry.





(1) 3-Activity fields

3-1-Technical and engineering services

Today as a result of technology development in different fields especially in electrical engineering industry, the value-added engineering services and the need to preliminary estimate have great importance. Niroo-Resan (Vala) Engineering & Construction Group as a designer in civil, industrial, power plant and refinery projects presents the projects of technical and engineering services by using the technical knowledge of managers and experts according to the needs of electric industry, international standards, observing the internal requirements and by enjoying of special software.



This company is ready to do below services in the form of engineering projects:

- feasibility and needs assessment.
- examination and field visit and collecting the necessary information.
- giving the primary technical and financial suggestion.
- changing, modification, and completing the technical and financial suggestion and cooperation with respectable employers.
- presenting the final design, phasing, and providing the bidding document.
- consulting about the desirable bidding and the process of performance of work.
- nivestigation of document of winner of bidding.
- supervision the project in standard form.
- delivering and designing the bidding document of maintenance.





(1) 3-2-Installation and running

Niroo-Resan (Vala) Group is able to do the projects with high quality by enjoying of managers and experienced experts.

- Lightening and earthing system and secondary protection in all areas.
- Electrical installation of industrial projects, refinery projects, oil and gas projects and etc.
- Cathodic system.
- LV-MV panels.
- Protection relays of brands VAMP, AREVA, SCHNEDER, ABB, SIMENS.
- Industrial automation (PLC) and control systems.



- Network systems (Active, Passive).
- Power transmission lines.
- Instrumentation and fire alarm system and fire station and etc.



3-3-Providing supplies and equipment

This company is honored to take a constructive role as a supplier and acts as a bridge between producers and consumers of equipment in different fields of electric industry. At this point interaction with domestic producers is a priority to this company. Business unit consists of experts in identification of domestic and foreign suppliers, familiar with international trading regulations, letter of credits, customs, banking and relevant standards. The company experts, according to honorable employer's orders, not only have interaction with producers but also they provide equipment with reasonable price as soon as possible. They test and deliver them to the employers or workshop sites and all these happen according to related and valid standards. The company

policy in relation to provide equipment is according to confirmation and relevant standards in electrical engineering industry field.

Engineering services in selling goods and equipment includes:

- All sorts of electrical installation equipment.
- All sorts of telecommunication and connection equipment.
- All sorts of instrumentation and protection and security system include fire alarm and
- CCTV camera and etc.

 All sorts of equipment of low and medium voltage panels.
- All sorts of control and industrial automation PLC.
- All sorts of equipment of lightening, earthing, secondary and cathody protection.
- All sorts of network (Active, Passive).
- All sorts of equipment of power transmission and distribution lines HV MV LV.





Metal Works:

Turning

Tapping

Surfacing

Ream

Taper turning

Horizontal Boring Machine

Grooving

Pressing

Facing

CNC works

Threading

Laser works

Knurling

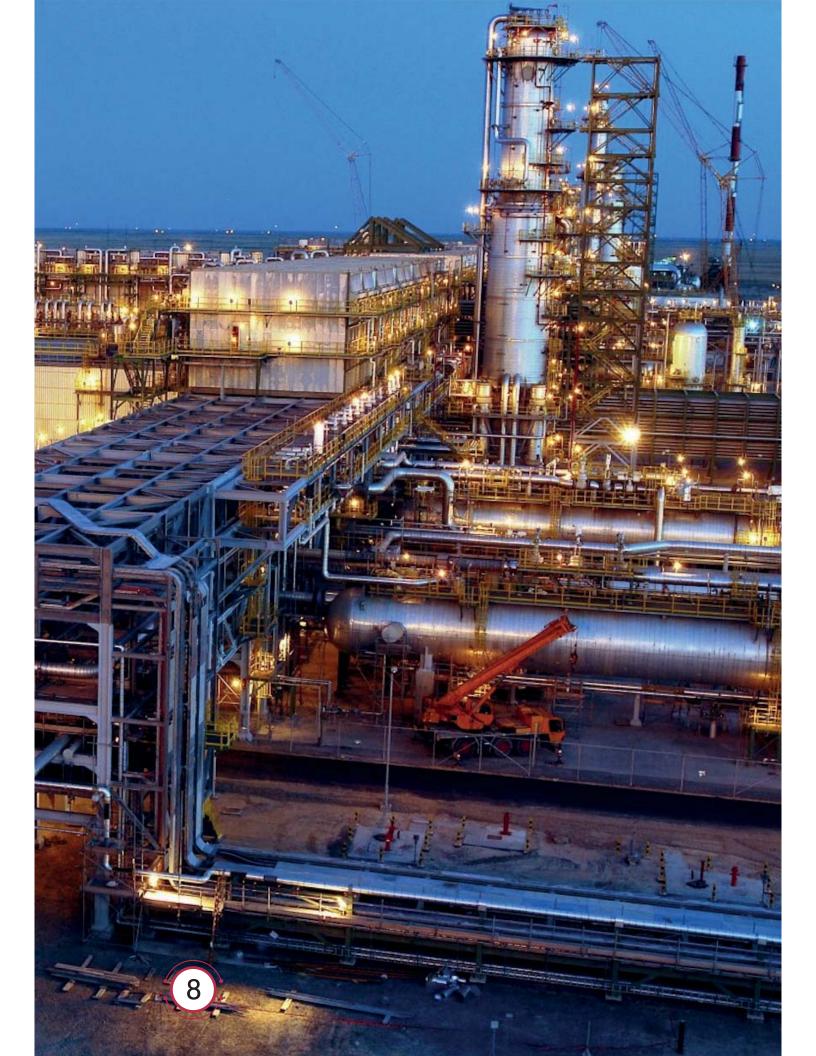
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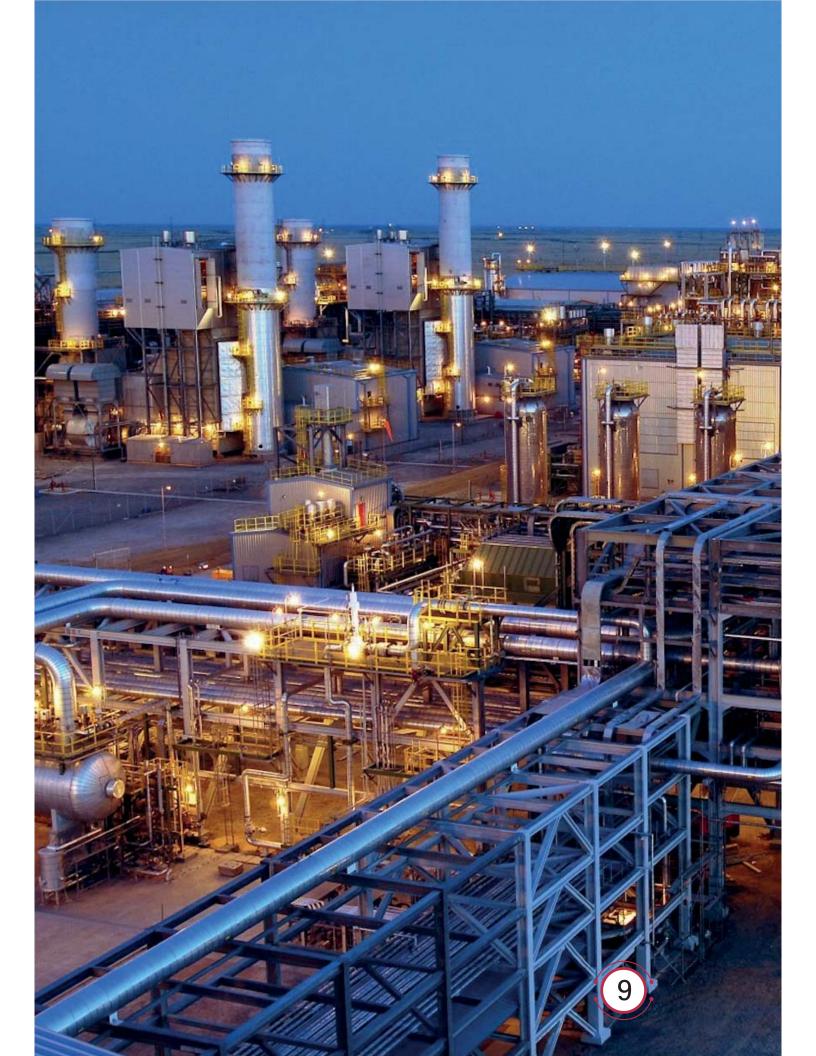
Boring

3-4-Financing

Niroo-Resan Company takes into consideration the economic condition of developing countries and their financial crises and difficulties to provide the money to do the massive projects. So choosing a suitable way for financing is so important to the company. Authorities in many projects, consider financing because of the great amount of required money, high sensitivity of projects politically, economically, security matters and unwillingness of foreigners to invest. We are ready to cooperate with state and private organizations in different industrial, power plants, refinery and civil projects through different ways to progress the mentioned goals.









(1) 3-5-Training courses

Electrical engineering studies and investigates subjects related to electronic, electromagnet, telecommunication and etc. electrical engineering has become one of the most important technical and engineering majors as the increasing use of power and electricity. The most important subjects in power, workforce safety and equipment are protection systems against lightening and earth. Niroo-Resan Company enjoys professors who are ready to hold the short and medium term courses with high quality according to authentic national and international standards. Therefore, active

electrical engineering companies or those who are interested in this field can contact this company for participating in these courses and for more information.





Organization chart





Certificates



























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NIROO RESAN



