



SanSia

**Empowering Your Electrical Needs
and Energy Solutions**



**A team of committed Specialists
and engineers under one roof**



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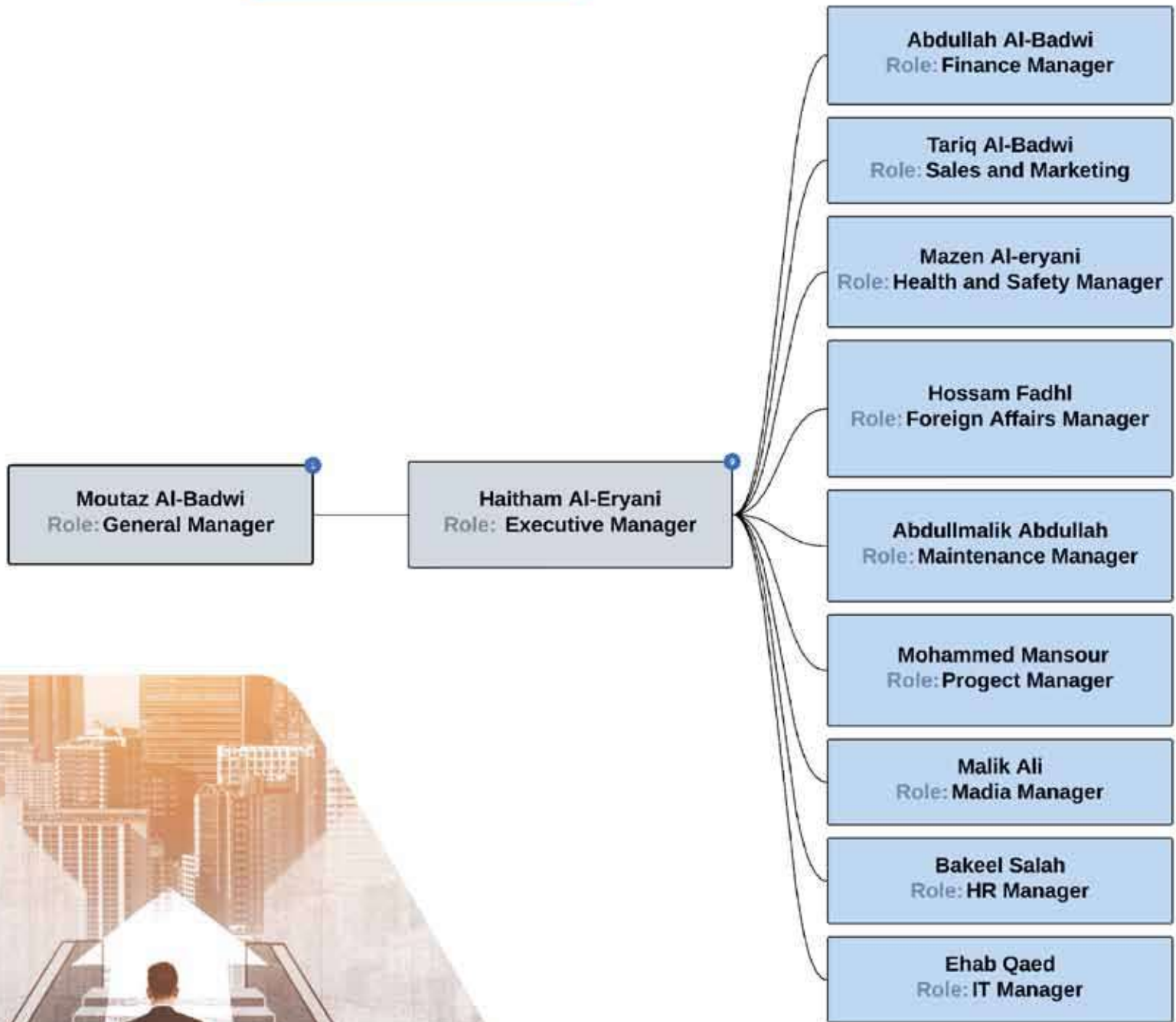
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Introduction :

SanSia Company is a leading provider of electrical services and innovative energy solutions. We are committed to provide our customers with the highest quality of service, from small residential projects to large commercial and industrial installations. Our team of experienced electricians is up-to-date on the latest innovations, and we use the highest quality materials.



Organization Chart :



ABOUT US

SanSia Group For Trading, Construction & General Services is one of the top-growing companies in Yemen, Established in 2019 in Sana'a. The company license was registered in 2023 in Sana'a.

Legal Form: Service company With a registration number: 2/55610.

SanSia provides the best Comprehensive solution to all business fields. The company employees are highly skilled and experienced whom are graduated from international universities and supported with good administration that coordinate and work to achieve the company goal and customer satisfaction. We specialize in designing, installing, and maintaining electrical systems for residential, commercial, and industrial clients. Our goal is to deliver reliable, efficient, and cost-effective solutions tailored to our clients' unique requirements.



Company Capabilities :



1 In Electrical field :

- **Electrical Installations:** We offer full-service electrical installations, including wiring, lighting, panel upgrades, and electrical system design. Our certified electricians ensure compliance with safety regulations and industry standards, providing you with a safe and functional electrical infrastructure.
- **Electrical Repairs and Maintenance:** Our experienced technicians are skilled in diagnosing and repairing electrical issues promptly. We offer scheduled maintenance services to optimize the performance and longevity of your electrical systems, minimizing downtime and potential risks.
- **Energy Audits and Efficiency Solutions:** We conduct thorough energy audits to assess your energy consumption patterns and identify opportunities for improvement. Our experts then develop customized energy efficiency solutions that can significantly reduce your energy costs and environmental footprint.
- **Renewable Energy Solutions:** As advocates for sustainable energy, we specialize in the design and installation of renewable energy systems, such as solar panels, wind turbines, and energy storage solutions. By harnessing clean energy sources, we help our clients reduce reliance on traditional power grids and contribute to a greener future.
- **Electrical Consultation and Design:** Our team of electrical engineers and consultants provides expert guidance on electrical system design, power distribution, and energy management strategies. We work closely with clients to understand their objectives and deliver tailored solutions that optimize efficiency, safety, and performance.



2 In Water pumps field :



- Water pump services refer to the maintenance, repair, and services installation provided for these devices using solar system. Some common services offered by Sansia includes:
- Installation: installation of new water pumps. Our team have expertise and the knowledge to ensure that the pump is correctly fitted, connected to the power source, and ready to operate.
- Maintenance: Regular maintenance is essential to ensure that water pumps function efficiently and smoothly. routine inspections, clean or replace filters, lubricate moving parts, check and for any leaks or damages. This helps prevent breakdowns and extends the lifespan of the pump.
- Repair: Water can pumps encounter issues such as motor failure, clogged impellers, damaged seals, or electrical problems. Our team can diagnose and repair these issues, including replacing faulty components or conducting motor rewinding if required.
- Troubleshooting: Our team have expertise the to identify and resolve any problems that may arise with the pump. They can troubleshoot issues related to low water pressure, excessive noise, improper water flow, or other performance-related problems.
- Maintenance: Regular maintenance is essential to ensure that water pumps function efficiently and smoothly. routine inspections, clean or replace filters, lubricate moving parts, check and for any leaks or damages. This helps prevent breakdowns and extends the lifespan of the pump.



3 In solar System field: Electrical system services encompass a wide range of activities such as :

- **Installation:** This involves physically implementing the electrical system according to the design plans. It includes tasks such as mounting equipment, running cables or wires, connecting components, and ensuring proper grounding.
- **Maintenance:** Regular maintenance is essential to ensure the safe and efficient operation of an electrical system. Maintenance activities include inspecting equipment for signs of wear or damage, cleaning components to prevent dust or debris buildup, testing circuits for proper functioning, and replacing faulty or outdated parts.
- **Repair:** In case of malfunctions or breakdowns in an electrical system, repair services are required to restore functionality. Our Electricians diagnose the problem using specialized tools and techniques such as circuit testing, thermal imaging, or voltage measurements.
- **Upgrades:** Over time, electrical systems may require upgrades to accommodate increased power demands or incorporate new technologies.
- **Safety:** Safety is a paramount concern in electrical systems. Proper installation, maintenance, and repair practices are essential to prevent electrical hazards such as electric shocks, fires, or equipment failures. Compliance with safety codes and regulations is crucial to protect both individuals and property from potential risks associated with electricity.



4 : In The Field of Generator Electricity

Electrical services provided for generators encompass a range of tasks and activities aimed at ensuring the proper functioning, safety, and efficiency of generator systems. Here are some common electrical services associated with generators

Installation: Professionals specializing in generator services who can handle the installation of generators in residential, commercial, or industrial settings. We assess the power requirements, select an appropriately sized generator, and connect it to the electrical system. This involves wiring the generator to the main electrical panel, installing transfer switches or automatic transfer switches (ATS), and ensuring compliance with electrical codes and regula-

Maintenance: In the event of a generator malfunction. Our professionals can diagnose and repair the electrical components of the system. They troubleshoot issues such as faulty wiring, damaged circuit breakers, malfunctioning voltage regulators, or problems with the control panel. Repairs may also involve addressing issues with the automatic transfer switch or other electrical connections.

Generator Repairs: Regular maintenance is crucial for the reliable operation of generators. Our professionals can perform routine maintenance tasks such as inspecting and cleaning generator components, checking fluid levels, replacing filters and spark plugs, and conducting load bank testing to verify the generator's performance under simulated conditions.

Load Testing: Load testing is a critical service that verifies the generator's capacity to handle the required electrical load. Our professionals can conduct load bank testing to simulate real-world operating conditions and ensure that the generator can provide the expected power output without any issues.

Safety Inspections: Regular safety inspections are essential to identify potential electrical hazards associated with generators. Our professionals can inspect the generator system, including wiring, grounding, and protective devices, to ensure compliance with safety standards. They can also check for proper ventilation and exhaust systems to minimize the risk of carbon monoxide poisoning.



5 :In Computer Networks fields

Encompass a range of tasks and activities aimed at establishing, maintaining, and optimizing computer networks within an organization. These services ensure that the network infrastructure functions smoothly, securely, and efficiently

Here are some common computer network services provided:

Network Design and Installation: Professionals specializing in network services whom can design and install computer networks tailored to the specific needs of an organization. This involves planning the network architecture, selecting appropriate hardware and software components, configuring routers, switches, and other networking devices, and establishing network connectivity.

Network Configuration and Optimization: Once the network is installed, our professionals assist in configuring and optimizing network settings to ensure optimal performance. This includes setting up IP addressing, subnetting, VLANs (Virtual Local Area Networks), Quality of Service (QoS) parameters, and other network protocols. They also fine-tune the network to improve bandwidth utilization, reduce latency, and enhance overall network efficiency.

Network Security: Our professionals play a crucial role in implementing and maintaining network security measures. This includes setting up firewalls, intrusion detection and prevention systems (IDPS), virtual private networks (VPNs), and other security technologies to protect the network from unauthorized access, data breaches, malware, and other threats. They also conduct security audits and vulnerability assessments to identify and address potential weaknesses in the network infrastructure.

Network Monitoring and Management: Continuous monitoring and management of the network are essential for identifying and resolving issues promptly. Our professionals utilize network monitoring tools to monitor network performance, track network traffic.

Network Upgrades and Expansion: As organizations grow and technology evolves, our professionals assist in upgrading and expanding the existing network infrastructure. This may involve replacing outdated networking equipment, scaling up network capacity, integrating new technologies or services, and ensuring seamless integration with existing systems.

Network Troubleshooting and Support: When network issues arise, our professionals offer troubleshooting and support services. They diagnose network problems, identify the root causes, and implement appropriate solutions to restore network functionality. This may involve resolving connectivity issues, addressing hardware or software failures, or troubleshooting network performance problems.



6 :In CCTV System and Fingerprint fields

CCTV systems are designed to capture record and video footage which, can be monitored in real-time or reviewed later security for purposes

Our CCTV services involve the following :

Installation: our professionals install surveillance cameras in strategic locations to ensure coverage of the premises. This includes mounting the cameras setting, up the recording equipment, and connecting to them a network for remote.

Maintenance: Regular maintenance ensures that CCTV systems are functioning correctly. This includes cleaning lenses, updating software, checking connections, and replacing any faulty equipment to ensure uninterrupted surveillance.

Upgrades and expansions: As technology evolves, our team offer upgrades and expansions to existing systems, allowing clients to take advantage of advanced features such as facial recognition, video analytics or, cloud storage.

Our Fingerprint systems services involve the following:

Installation: our team provide Fingerprints installation services in professional way to ensure

Maintenance: Regular maintenance ensures that fingerprint systems are functioning correctly.

Upgrades and expansions: our team offer upgrades and expansions to existing systems, allowing clients to take advantage of advanced features.



Why Choose Us :

Expertise and Experience: With a team of licensed electricians and energy professionals, we bring extensive knowledge and experience to every project.

Our commitment to ongoing training and staying up-to-date with industry trends ensures that we deliver cutting-edge solutions.

Quality and Safety: We prioritize quality workmanship and adhere to the highest safety standards. Our rigorous quality control processes and attention to detail guarantee that all our projects are completed to the highest level of excellence.

Customer Satisfaction: We value our clients and strive to build long-term relationships based on trust, transparency, and exceptional customer service. Your satisfaction is our priority, and we go the extra mile to exceed your expectations.

Sustainability: We are dedicated to promoting sustainable practices and helping our clients reduce their environmental impact. Our energy efficiency solutions and renewable energy technologies enable you to embrace eco-friendly alternatives while reducing costs.



Company commitment :

**1**

Ethical Business Practices: One of the key aspects is adhering to ethical business practices. This involves conducting business in a fair, transparent, and responsible manner.

2

Social Responsibility: Company commitment also extends to social responsibility. This involves actively contributing to the well-being of society and addressing social issues

3

Employee Well-being: A strong commitment to employee well-being is essential for creating a positive work environment and fostering employee satisfaction.

4

Customer Satisfaction: Our Company committed to providing exceptional customer experiences prioritize customer satisfaction. We strive to understand and meet customer needs, deliver high-quality products or services, and provide excellent customer support.



I. Our Projects and achievements :

Electrical Project

Project name: Qulais medical center

Project location: Sana'a

Project type: Electrical project



We focused on planning, organizing the cabling process to facilitate the access to them

II. Our Projects and achievements :

Network Project

Project name: Borg Al-Fouad medical center

Project location: Sana'a

Project type: Network project



We used newest equipment's to operate the CCTV, Fingerprints and systems.

Health and Safety Environment :

Sansia is fully committed to ensure safety, health and well-being for its employees, customers and end users.

Health and safety environment procedures are essential for maintaining a safe and healthy working environment. These procedures aim to prevent accidents, injuries, and illnesses in the workplace by identifying potential hazards, implementing control measures, and promoting a culture of safety among employees. In this section we will discuss the health and safety environment procedures taken by us.



- 1. Risk Assessment:** It involves identifying potential hazards in the workplace, evaluating the level of risk associated with each hazard, and implementing control measures to eliminate or minimize the risks
- 2. Policies and Procedures:** Establishing clear policies and procedures for effective health and safety management. These outline the organization's commitment to providing a safe working environment and define the responsibilities of both employers and employees in maintaining health and safety standards.
- 3. Training and Education:** Proper training and education are vital components of health and safety environment procedures. All employees receive adequate training on how to identify hazards, use equipment safely, follow established procedures, and respond to emergencies.
- 4. Incident Reporting and Investigation:** Establishing a robust incident reporting system for identifying trends, investigating root causes, and implementing corrective actions. Incidents, organizations can continuously improve their health and safety procedures.
- 5. Monitoring and Review:** Regular monitoring and review of health and safety procedures are essential to ensure their ongoing effectiveness. This involves conducting inspections, audits, and assessments to identify any gaps or areas for improvement.



Partner ship

Batteries



Cabling



Electrical Equipment



Home Appliances



Inverter Devices



IT and Security equipment



Lighting and Lamp



Solar Panels





Vision



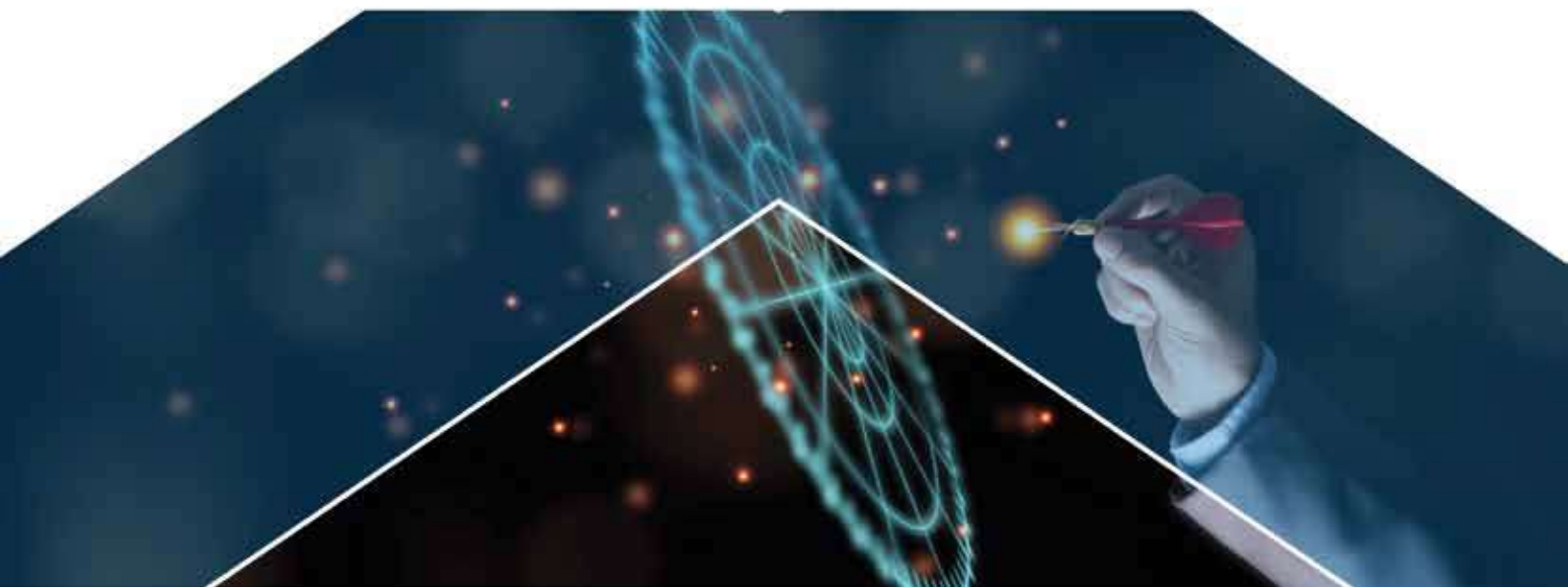
To be one of the top leading companies locally and compete internationally



Mission



To be the top leading supplier and professional service provider to all organizations and companies in Yemen.



SanSia Group

New Vision For a Better Future





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