

Lumara

COMPANY PROFILE





INTRODUCTION

Lumara Electromechanical Works (LEW) was founded in 2012 as a contracting firm and swiftly gained recognition in its operational domain. The company successfully completed numerous projects across different sectors within Qatar's market.

LEW is affiliated with Lumara Group, an esteemed business established in Sudan in 1998. Lumara Group's engineering teams have accomplished numerous Electro-Mechanical projects in Sudan, UAE, and Qatar.

OUR MISSION

Our mission is to deliver exceptional solutions and high-quality services that exceed client expectations. We stay up to date with the latest technological advancements and integrate innovative approaches to provide lasting value to our customers.

OUR VISION

To achieve complete customer satisfaction by delivering excellence across all areas of our business. We strive to be a trusted industry leader known for quality, reliability, and innovation.

LUMARA GROUP OF COMPANIES



COMPANY STRENGTH

- A robust market standing and favorable reputation
- Proficient sales and service engineers specializing in air-conditioning, possessing international expertise with renowned business groups.
- A well-established network of branch offices.
- A formidable financial position complemented by extensive and well-established local and international banking relationships.



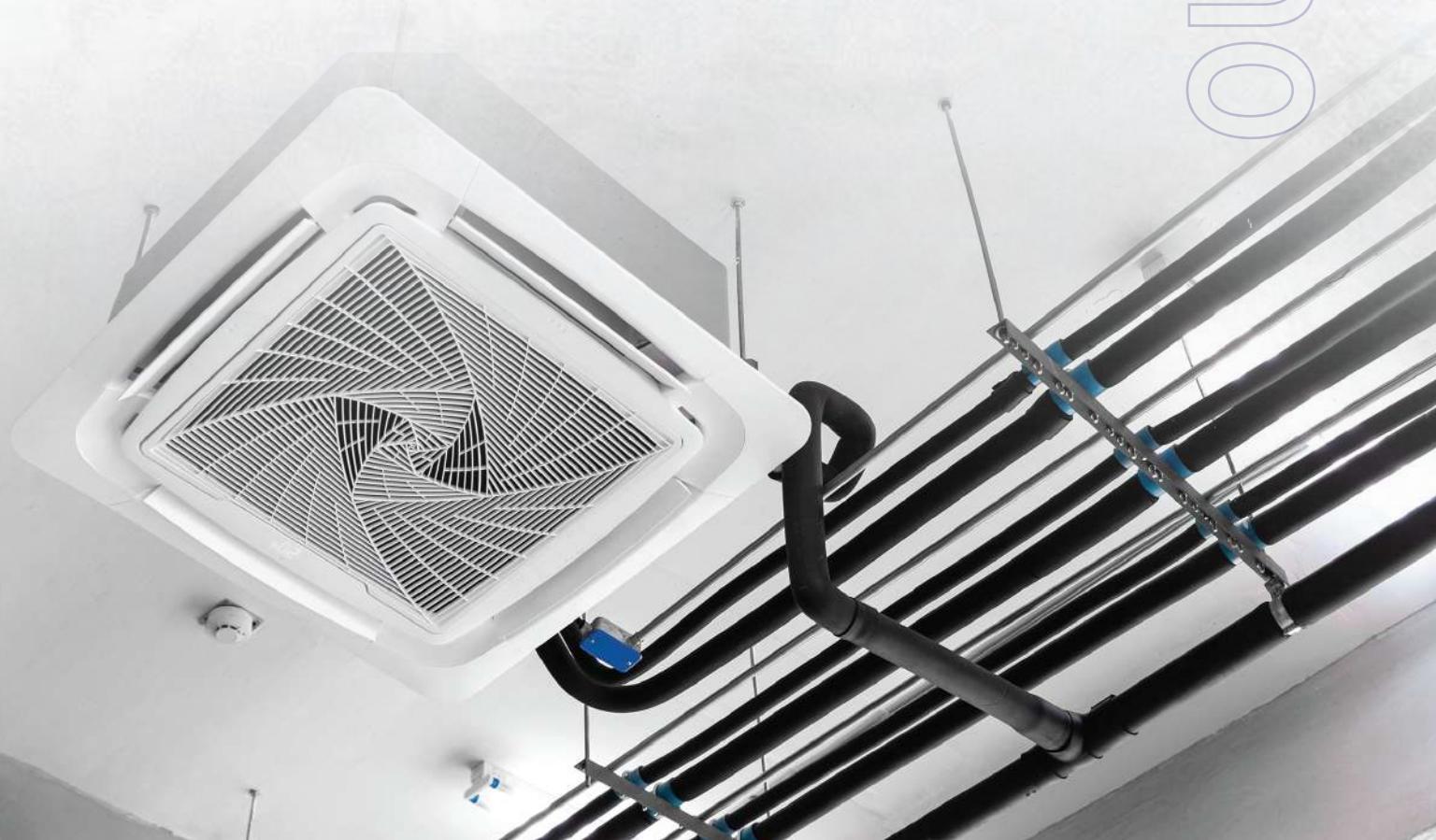
DESIGN AND ENGINEERING

The design team at **Lumara Electromechanical Works** is committed to developing HVAC solutions that meet the highest standards of performance, efficiency, and reliability. Our approach focuses on delivering optimized designs tailored to each project's unique requirements, ensuring comfort, sustainability, and compliance.

Our Design and Engineering Scope Includes

- Preparation of HVAC design drawings, heat load calculations, and equipment selection.
- Design of chilled water, DX, and VRF/VRV air conditioning systems.
- Development of ventilation and exhaust systems for domestic and Civil defense requirements.
- Preparation of detailed shop drawings and coordination with other building services.
- Ensuring compliance with project specifications, **Qatar Construction Standards (QCS)**, and **Qatar Civil Defense (QCD)** requirements.
- Applying value engineering principles to achieve cost-effective and energy-efficient designs.

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SUPPLY AND PROCUREMENT

We maintain efficient procurement processes to ensure all HVAC materials and equipment meet superior quality and performance standards. Strong partnerships with trusted suppliers enable us to deliver on time and in full compliance with project requirements. Our supply and procurement activities include.

- Supplying all HVAC equipment and accessories, including **chillers, AHUs, FCUs, package units, split units, VRF/VRV systems, exhaust fans, and jet fans.**
- Procuring materials and components that meet approved project specifications and international standards.
- Preparing and submitting **technical submittals** for consultant and client approval.
- Coordinating with vendors and suppliers to ensure **on-time delivery** and proper logistics management.
- Conducting **quality checks and inspections** to verify compliance with design and performance requirements.

OUR SERVICES



INSTALLATION WORKS

We execute HVAC installation works with precision and adherence to international standards, ensuring efficient system performance, safety, and reliability. Our skilled team implements every stage of installation in full compliance with project specifications and Qatar Civil Defense (QCD) regulations.

- Installation of central chilled water systems, VRF/VRV systems, and DX units.
- Fabrication and installation of GI, FR, and PI ducts in accordance with SMACNA standards and QCD requirements.
- Installation of refrigerant piping, chilled water piping, and drainage systems.
- Installation of air distribution components, including grilles, diffusers, louvers, and dampers.
- Application of thermal insulation and acoustic treatment for ducts and piping systems.
- Implementation of smoke exhaust and staircase pressurization systems in compliance with QCD standards.

OUR SERVICE





TESTING, COMMISSIONING, AND BALANCING (AC SYSTEMS)

We perform systematic testing and commissioning for all air conditioning systems to ensure reliable operation, energy efficiency, and compliance with design and safety standards. Our qualified technicians verify that every component functions optimally before system handover.

Our AC testing and commissioning activities include:

- Pressure and leakage testing of refrigerant circuits and piping.
- Functional testing of chillers, VRF/VRV units, AHUs, FCUs, and split units.
- Airflow and temperature balancing for uniform air distribution.
- Calibration of thermostats, sensors, and control panels
- Verification of safety controls, interlocks, and shutdown sequences
- Integration and testing of control systems with BMS where applicable.
- Preparation of final performance reports and commissioning certificates.

QATAR CIVIL DEFENSE (QCDD) HANDOVER

At Lumara Electromechanical Works, we ensure that all HVAC and ventilation systems comply fully with Qatar Civil Defense (QCD) regulations. Our team manages every stage of the handover process, guaranteeing smooth approvals and official certification for operational safety.

Our QCDD handover activities include

- Preparation and submission of all required technical documents, test reports, and compliance certificates.
- Coordination with consultants and authorities for inspections and approvals
- On-site testing and demonstration of smoke exhaust, ventilation, and pressurization systems for QCD officials.
- Verification that all systems meet fire safety and operational requirements.
- Submission of as-built drawings, operation & maintenance manuals, and test certificates.
- Securing final QCD approval and handover certification to the client.

This structured approach ensures that all installations are fully compliant with Civil Defense standards, providing safe, efficient, and reliable building operations.

OUR
SERVICES



MAINTENANCE WORKS

We provide reliable maintenance services designed to ensure continuous system performance, reduce downtime, and extend the lifespan of HVAC installations. Our maintenance team is equipped with the expertise and tools necessary to handle both preventive and corrective maintenance activities efficiently and effectively.

Our Maintenance Services Include

Remedial Maintenance

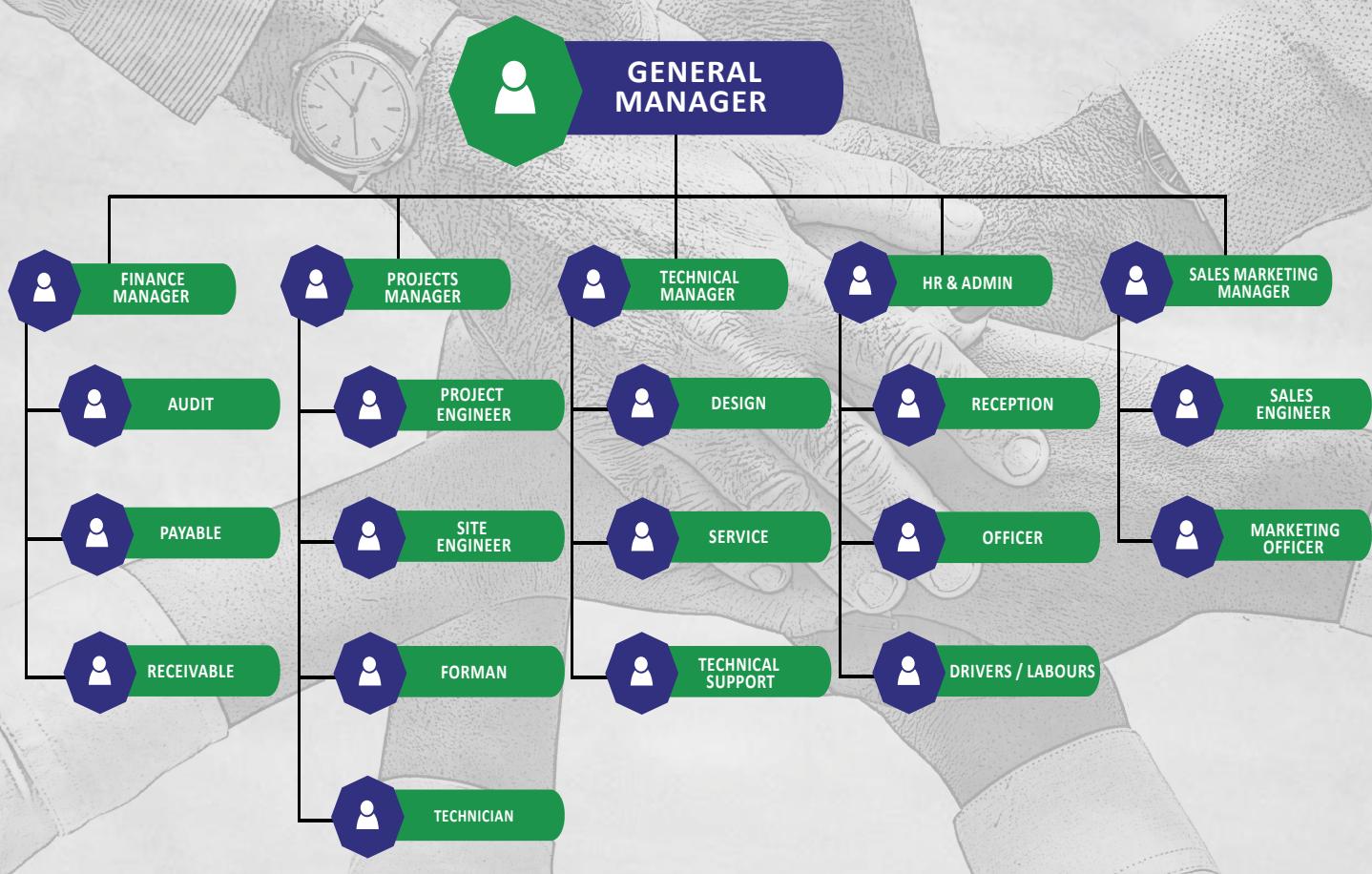
- Rapid response service initiated within 24 hours of receiving a complaint.
- Fully equipped mobile workshops enabling on-site troubleshooting and repairs
- Skilled technical teams addressing service calls promptly to minimize equipment downtime.

Annual Maintenance Contracts (AMC)

- Comprehensive maintenance solutions for commercial, industrial, and select residential clients.
- Standard service options include on-site attendance within 4 hours of complaint receipt.
- Customizable AMC packages available, including 24/7 operation and maintenance coverage.
- Regular preventive maintenance to ensure optimal system performance and energy efficiency.



ORGANIZATION CHART



KEY PERSONNEL



TARIG KHAIRI
CEO & CO-FOUNDER



ALWALEED ALMAHI
SALES MANAGER



JEFFRY CONGSON
TECHNICAL MANAGER



AMIN ASIM
PROJECT MANAGER



MERLEY DELA CRUZ
ADMINISTRATION

LUMARA POLICIES

HEALTH, SAFETY & ENVIRONMENT (HSE)

Lumara is committed to safeguarding the health and safety of its employees, clients, and the community while protecting the environment in all operations. Our Environmental Management System aligns with ISO 14001 standards and emphasizes compliance with legal and international requirements.



QUALITY POLICY

Lumara is committed to safeguarding the health and safety of its employees, clients, and the community while protecting the environment in all operations. Our Environmental Management System aligns with ISO 14001 standards and emphasizes compliance with legal and international requirements.

We aim to identify and control risks, use environmentally responsible technologies, and maintain safe and reliable equipment. Through continuous training, active participation, and strong management support, Lumara ensures a safe, healthy, and sustainable working environment for everyone.

KEY CLIENTS, CONSULTANTS & PARTNERS



Lumara

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