



CONVERTER

— ELECTROMECHANICAL —





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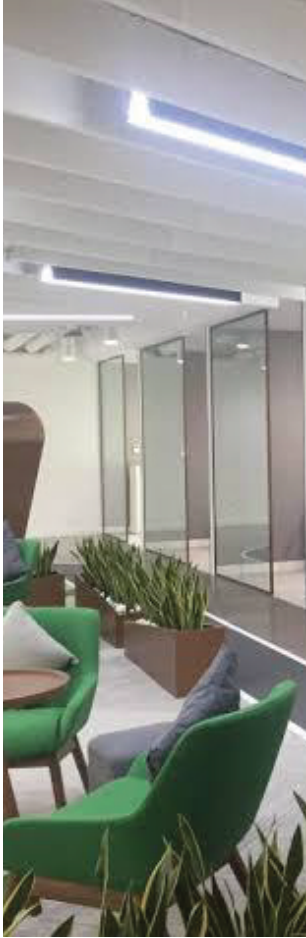
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INTRODUCTION



CONVERTER ELECTROMECHANICAL has been established year of 2016 as a member of Salim Bin Swaidan Group – with more than 7 diverse companies under its canopy and is based on Dubai, with operations in Dubai.

In 2022 Converter Electromechanical Ltd. has been moved to Nigeria in order to meet the needs of market in the field of electromechanical engineering and the growing demand for solar systems.

HISTORY

CONVERTER ELECTROMECHANICAL is a specialized Mechanical, Electrical, HVAC, Plumbing Building, Low current and Solar system. Converter has the capability to execute projects of various sizes for commercial, residential, institutional and industrial usage.

The Building Construction industry as well as the industrial sector is constantly growing in Nigeria, Converter Electromechanical Ltd.

Nigeria has been established in order to address this demand. Converter works to the highest standards of MEP installation, thus, satisfying the intent and spirit of the design. Each project is a never ending responsibility for us, the Partners and the Management team's commitment have contributed to the impressive accomplishments of the company so far.

Currently, the company has strength of employees consists of management professionals, engineering staff who are well qualified and experienced.

Converter also adapted itself to the needs of its clients in Nigeria, by providing value-engineering and re-design services that proved to accomplish substantial cost saving without compromising performance and quality.

This pre-qualification document gives an overview of the organization structure of Converter and its management team and brief description of the On Going and executed projects.

Hoping that this document will give you a good understanding of Converter goals and achievement in Nigeria.





OUR VISION

CONVERTER aims to become one of the leading Electromechanical Contractor in Nigeria and in the region.

Guided by our vision, we provide quality services exceeding client's expectations while adhering to the highest standards of technical and individual excellence through continuous improvement, training and innovation, our guidelines are:

- ➊ Adding value to our clients.
- ➋ Nurturing and Promoting our talents.
- ➌ Dedication towards delivery on time.
- ➍ Respecting our Employee's intense efforts and contribution.
- ➎ Commitment towards Quality and Safety.



CONVERTER ELECTROMECHANICAL is so determined to subject the performance of the company to meet the standard requirement.

In order to achieve this target we have designed a Quality Management System (QMS), such as to:

- Encourage continuous development and enhancement of the capabilities of the staff.
- Be easily understood and conveyed efficiently to all employees of the company.
- Encourage the suppliers and sub-contractors to elevate the level of services rendered by them to our company.
- Ensure strict follow up and periodic reporting on the status of quality in all our sites.

Our quality objectives shall be regularly reviewed and assessed and updated whenever necessary in order to ensure continual improvement by the effective implementation of the QMS in our organization. Our employees must be aware of their responsibilities with regard to quality and are encourage suggesting methods of improvement.

It is mandatory for all employees of CONVERTER to comply with the requirements of the QMS.



**OUR
MISSION**





CORE VALUES



BUSINESS OF CONVERTER

Electro-Mechanical
Contracting.



MANAGEMENT

- A commitment to achieving recognized quality standards.
- Good experienced in Nigeria Market.



PEOPLE

Converter Team consists of highly qualified experienced and committed professionals.



TECHNOLOGY

Information technology Systems including computer integrated construction software which enhances efficiency and on time performance.



ENGINEERING

- Capability to perform value engineering.
- Sound engineering input supported by experienced engineers.



- ⊕ HVAC (Heating, Ventilation & Air Conditioning)
- ⊕ District Cooling Plants
- ⊕ Plants & Machinery Installation
- ⊕ Refrigeration
- ⊕ Steam Generation
- ⊕ Water Treatment Plant



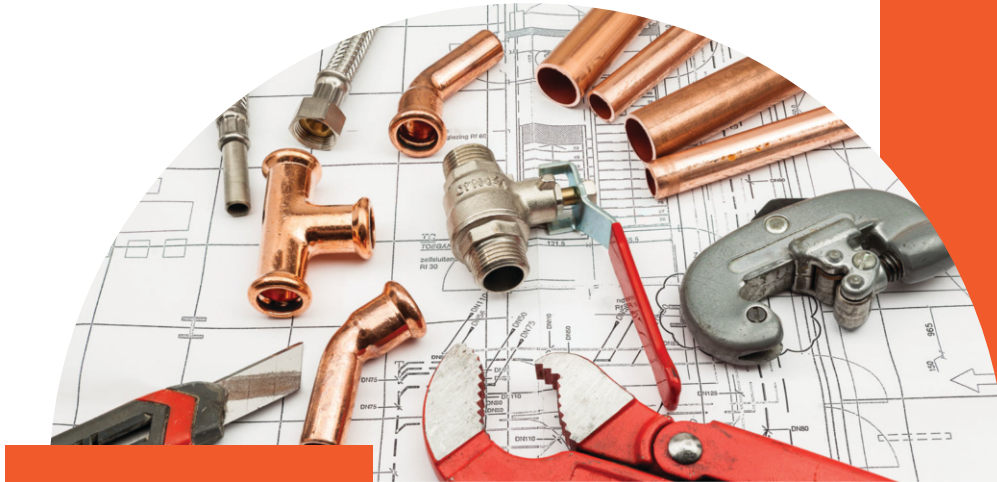
MECHANICAL



Technically, mechanical engineering is the application of the principles and problem-solving techniques of engineering from design to manufacturing to the marketplace for any object. Mechanical engineers analyze their work using the principles of motion, energy, and force, ensuring that designs function safely, efficiently, and reliably, all at a competitive cost.



**OUR
SERVICES**



PLUMBING & PUBLIC HEALTH ENGINEERING

We offer you extreme high-quality plumbing design and drafting services. We are one of the most renowned companies in this sector. We prepare simple documents which help you decipher our solutions better.





- ⊕ Hot & Cold Water Supply system
- ⊕ Water Filtration System
- ⊕ Irrigation System
- ⊕ Swimming Pools
- ⊕ Drainage:
 - Soil & wast network
 - Sanitation
 - Rain Water
 - Sewage Treatment
- ⊕ LPG / NG System
- ⊕ Medical Gas System





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ELECTRICAL

- ⊕ Power Distribution System
- ⊕ Lighting System
- ⊕ Power Generation
- ⊕ Lightning / Earthing Systems

- ⊕ Low Current System
 - Telephone & Data System (Structured Cabling)
 - Smartv System
 - Cctv System
 - Public Address Sound System
 - Fire Detection & Alarm System
 - Intruder Alarm System
 - Industrial Process Services
 - Master Clock System
 - Nurse Call & Asset Tagging System
 - Lighting Control & Management System
 - Medical Gas System
 - Security & Access Control System
 - Audio / Video Intercom System
 - Building Management System
 - Electric Fence
 - Car Tracking & Fleet Mgt
 - Vehicle Scanning
 - Power Systems & Inverter
 - Network & It Solution
 - Pabx, Intercoms, Videophones, Ip Phone & Dbs



Converter is a licensed Private Limited Company created to provide full range of Electro-Mechanical, IT and Advance Security needs to our esteemed customers, with an excellent track record in security provision, management and consultation.

CCTV SYSTEM:

Our product range includes the Analog Camera, Turbo Camera, IP camera, PTZ Cameras, DVR, NVR, VIDEO WALL, etc.

FIRE ALARM SYSTEM:

We are confident in the knowledge that all system components have been specifically designed and tested to ensure that they are fully compatible with each other and will function as a fully complete fire detection and alarm system. At Converter Ltd we believe it is better to be safe than to be sorry.

INTRUDER ALARM SYSTEM:

The Intruder Alarm as its name implies is a system designed to detect intrusion, unauthorized entry into a building or area. It can be used in residential, commercial, industrial, military properties for protection against burglary (theft), Intruders and Property damaged.

TIME ATTENDANCE & ACCESS CONTROL:

In the Field of physical security and information security, access control is the selective restriction of access to a place or other resource. At converter Ltd. we partner with ANVIZ a global leader in this field to provide you with the best solution needed to secure authorize your accesses on any premises.



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FIRE FIGHTING & FIRE DETECTION

- ⊕ Fire Sprinkler System
- ⊕ FM 200 System
- ⊕ Fire Alarm System
- ⊕ Fire Suppression System (Helipad, Foam, etc.)



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SOLAR POWER SYSTEM

The system works independently and the consumer is not connected to any utility's power system. This system can use batteries to store generated solar power.

BENEFITS

- ⊕ Avoiding Power Outages.
- ⊕ Reducing Electricity Costs.
- ⊕ Off-grid solar systems rely only on the sun to produce energy for a household.
- ⊕ Keeps the Environment Clean and Green.

LIFEBLOOD OF AGRICULTURE

The water and Irrigation system is the lifeblood of agriculture. According to the World Bank, the productivity of irrigated land is two times greater than that of non-irrigated land and three times the productivity of rain-fed land. However, a well-structured water pumping and distribution through the irrigation system requires a reliable and consistent energy source. Solar irrigation system marks the major shift from fossil fuel-based technology to a cleaner and greener energy in agriculture.

ADVANTAGES

RENEWABLE SOURCE OF ENERGY

Solar energy can be used to overcome the existing energy shortages prevalent in our daily lives. Batteries can be used to store surplus energy for later use.

LOW MAINTENANCE COSTS

Lesser the moving parts, the lower the wear and tear. That's how solar irrigation systems are designed to go on for decades with minimum maintenance costs.

REDUCED FUEL OR ELECTRICITY COSTS

Solar energy is a cheaper and efficient alternative to fossil fuels and electricity.

MULTI-PURPOSE APPLICATION

When there is no need for irrigation, the surplus solar energy can be used for other purposes, like running mills, water filtration plants, cold storage units, etc.

FLEXIBILITY AND ACCESSIBILITY

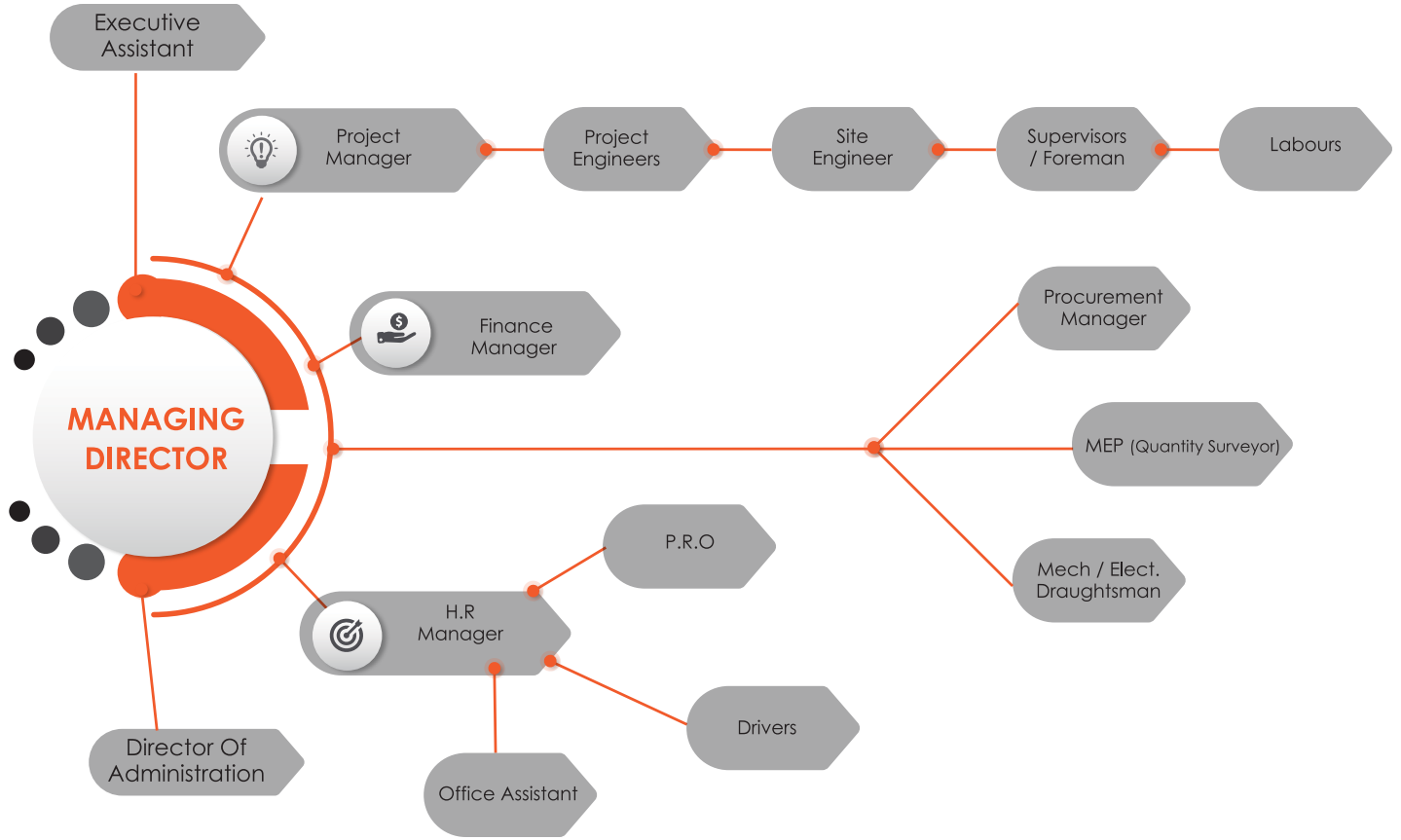
The latest innovation in the solar power industry has made its technology accessible to all scales of agriculture in the world.

SELF-REGULATED IRRIGATION

The latest developments in solar-powered irrigation systems allow for self-regulated irrigation of the land-based on the environmental conditions, crop water requirements, and water availability.



CONVERTER ORGANIZATION CHART



PROJECTS PHOTOS



Dr. Nutrition Middle
East FZCO
Offices + Warehouses



Dubai Holding
New Office
Premises



Cilantro Restaurant at
GRA, Isaac John Road,
Ikeja, Lagos.



Prime Views – GF + 4
Residential Building
@ Nadd Al Shiba First
Dubai



Bluewaters Hospitality
Development
(Family Hotel)



LICENSE & CERTIFICATES

- ⊕ Dubai Commercial License
- ⊕ Dubai Commercial Register
- ⊕ Dubai Chamber of Commerce Certificate
- ⊕ ISO Certificate
- ⊕ Certificate Of Incorporation Nigeria

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OUR CLIENTS IN NIGERIA



ALKAISAR
ALKAISAR
CONSTRUCTION LTD.



7STAR GLOBAL
HANGAR LIMITED



7 STAR
GLOBAL LTD



CILANTRO
INSPIRED INDIAN
FOOD

Cilantro
Inspired Indian Food

OUR CLIENTS IN DUBAI



FEDERAL ENGINEERING
CONSULTANT & PROJECTS
MANAGEMENT



DUBAI
PROPERTIES



AL MARJ
BUILDING
CONSTRUCTION



ARCHITERIORS



DUBAI
HOLDING



JLW
SINCE 1875

JAMES WILLIAM
MIDDLE EAST



GREEN
BRIDGE

JALAL K. MAKLAD
MANAGING DIRECTOR
BACHELOR OF ENG'G. IN
MECHANICAL ENGINEERING



KEY PERSONNEL RESUME

Over 26 years of total experience in multi-field Engineering and management handling responsibilities in executing projects of Construction Industry for High Rise Commercial and Residential Building, Shopping Malls, Auditoriums, Factories, Schools, Villas, Hospitals, Hotels...etc.

Key strengths include Peer leadership and Administrative Skills, Good Management, Business development and Negotiation Skills, Good Commercial and technical Skills and the ability to perform under pressure up to the mark customer satisfaction.

PROJECTS DIRECTOR IN THE FOLLOWING COMPANIES:

ELMECH Electromechanical Works LLC

Drake & Skull International PJSC

United Masters Electromechanical LLC

Omega Engineering LLC

MAJOR PROJECTS EXECUTED

Jumeirah Park Villas Package 7 A (226 Villas)

Scope of Work: Full MEP Works.

Employer: Nakheel.

Consultant: Dar Al Handasah Shair & Partner.

Main Contractor: ACTCO

General Contracting Co. LLC.



T3-Q10 Container Terminal (Jebel Ali) Terminal Building Package

Scope of Work: Design & Built for MEP Services. (Warehouses, Offices & Infra-structure)

Employer: DP World

Consultant: Royal Haskoning DHV

Main Contractor: Gulf Technical Construction Co. LLC.

Royal Amwaj Resort & Spa on Plot # C36&37, Palm Jumeirah Dubai UAE.

Scope of Work: MEP Services (Final Stage for TOC.)

Employer: Seven Tides

Tenant: Anantara

Consultant: PJSI

Main Contractor: Gulf Technical Construction Co. LLC.

Residential Complex for Dubai Police at Oud Al Muteena, Muhesnah - 2, DUBAI (322 VILLAS)

Scope of Work: Design & Built for MEP Services. (Villas & Infra-structure)

Client: Road & Transport Authority of Dubai - RTA.

Consultant: Al Wasel Al Jadeed - AWAJ.

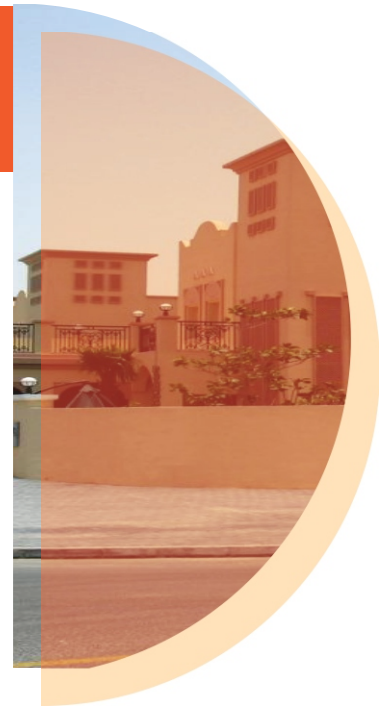
Main Contractor: Engineering Contracting Company LLC - ECC.

Offices Building for Sheikh Majid Bin Faisal Al Qassmi – (3 Basement + Ground + 12 Office) - AL NAHDA - DUBAI

Scope of Work: Air Conditioning / Chilled Water System.

Consultant: Nutek

Main Contractor: Best Building Co.



YAMEN SALLOUM
PROJECT MANAGER
BACHELOR OF ENG'G. IN
MECHANICAL ENGINEERING

Over 14 years of total experience in multi-field Engineering, handling responsibilities in Project Management, Installation, Testing & Commissioning Departments of Construction Industry for High Rise Buildings, Auditoriums, Factories, Schools, Villas, Hospitals, Commercial Buildings.

COMPANY

ELMECH Electromechanical Works LLC
Emirates Technical Thermal System
Omega Engineering LLC

POSITION

MEP Project Manager
MEP Construction Manager
Site Engineer

Jumeirah Park Villas (416 Villas-G+F.F+Roof) – Jumeirah Park Dubai

*Employer: Nakheel.
Consultant: Dar Al
Handasah Shair & Partner.
Main Contractor: ACTCO
General Contracting Co.
LLC.*

Damac Distinction Tower (5P+HC+45F Resd'l Tower) – Burj Khalifa District Dubai

*Employer: Damac
Consultant: Zas PSE
Main Contractor: Commodor*

Abu Dhabi International shooting Club (Residential, Leisure & Commercial Compound) – Khalifa City A, Abu Dhabi, UAE

*Employer: Private Property
Management PPM
Consultant: Atkins
Main Contractor: Fibrex*

Over 12 years experience in Electrical and Automation engineering, handling responsibilities on project management, installation, Testing & commissioning departments of construction industry for high rise commercial and residential building, shopping malls, hospitals, villas, schools.

COMPANY	POSITION
CDM Smith International	Electrical Field Engineer
Schneider Electric	Senior Automation Engineer
Al-Masar for Solar Power System	Executive Manager

Briman Reservoir: the world's largest drinking water storage facility, Saudi Arabia, Jeddah

The reservoir system comprises 11 circular tanks, each 120 m (400 feet) in diameter and 18 m (60 feet) high. All tanks are hydraulically linked, providing a storage volume of over 2.06 million m³ (544,195,000 gallons) of drinking water — the equivalent of 800 Olympic-sized swimming pools.
Employer: CDM Smith international
Main Contractor : AL-Muhaidib

Digital City , Saudi Arabia, Riyadh

Digital City is Saudi Arabia's first mixed-use development with commercial, residential, and retail offerings.
Area: 800,000 m²
Employer : Schneider Electric
Main contractor : Al-Rajhi

Al-Raed On-Grid Solar Power Station , 500 KWH , Syria

Main Contractor : Al-Masar

Resort Off-Grid Solar Power Station, 36 KWH, Syria

Main Contractor : Al-Masar

Kanaker Solar irrigation Station, 80 KWH, Syria

Main Contractor : Al-Masar

MAZEN MAHASEN
BACHELOR OF ENGINEERING
IN MECHATRONICS
OFFICIAL AGENT IN MIDDLE
EAST TERRITORY FOR MAYSUN
SOLAR CO. (UAE , JABAL ALI)

Over 6 years experience in Solar Power, handling responsibilities on project management, installation, Testing & commissioning of solar power projects include Off-Grid, On-Grid and irrigation solar power station.

COMPANY	POSITION
MAYSUN Solar	Project Engineer
URANUS	Solar Marketing Manager
Al-Masar for Solar Power System	Project Manager

QATANA On-Grid Solar Power station, Syria 2.5 Mega Watt
Contractor : MAYSUN Solar

Citizen Service Center Off-Grid Solar Power Station, Syria, Damascus (200 KW)
Contractor : Al-Masar

ARIQA Irrigation Solar Station, Syria 105 KW
Contractor: URANUS





CONVERTER
— ELECTROMECHANICAL —

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