QUANTUM
MEP CONTRACTING

Control the smallest detail
Control the entire system

SUBSIDIARY OF

TIBA
MANZALAWI GROUP

QUANTUM
MEP CONTRACTING

Integrated MEP contracting solutions built on a ***45+*** year engineering legacy. Quantum brings mechanical, electrical, plumbing, low-current, and control systems together into one precise, reliable, and performance-driven delivery model.





THE LEGACY BEHIND QUANTUM

TIBA MANZALAWI GROUP

*Since 1979, **Tiba Manzalawi Group** has been a leading name in HVAC and water solutions, recognized across Egypt and the Middle East for manufacturing, supplying, and supporting high-performance engineering systems.*

1979
Group foundation

45+
Years of experience

6000+
Projects portfolio

ME
Egypt & Middle East reach

INDUSTRIAL STRENGTH

The group's production facilities in 10th of Ramadan City form a solid operating base, supporting consistent engineering standards and large-scale project requirements.

TECHNICAL CREDIBILITY

Tiba products are designed with attention to international quality, performance, and safety standards, reinforcing reliability across demanding building environments.

PROJECT CONFIDENCE

With a broad reference portfolio across governmental, commercial, hospitality, healthcare, airport, industrial, and international projects, the group provides Quantum with a strong foundation of trust.



CONTROL THE SMALLEST DETAIL CONTROL THE ENTIRE SYSTEM

In every project, the smallest details define the behavior of the entire system. Quantum controls the details, so the complete building system performs as one.

INTRODUCING QUANTUM

FROM PRODUCTS TO COMPLETE SYSTEMS

Quantum is the MEP contracting arm of Tiba Manzalawi Group, established to deliver integrated mechanical, electrical, plumbing, and low-current solutions for modern buildings and critical facilities.

WHAT QUANTUM STANDS FOR

In physics, a quantum is the smallest unit of energy, yet it can define the behavior of entire systems. In MEP contracting, Quantum applies the same principle: control every detail to control the complete system.

OUR ROLE

Quantum bridges engineering knowledge, system integration, technical execution, commissioning, and long-term performance. The result is a smarter MEP partner for projects that demand precision, reliability, and control.



GROUP COLLABORATIONS

GLOBAL TECHNOLOGY NETWORK

Quantum benefits from the trust and technical ecosystem of Tiba Manzalawi Group, which has built long-standing collaborations with international HVAC, ventilation, cooling, water, filtration, and pump technology brands.

TIBA MANZALAWI GROUP

PRIMA COOL Handling Air Everywhere

xylem Let's Solve Water

SAIVER SINCE 1959

HYUNDAI

DB DUNHAM-BUSH

PUROFLUX CORPORATION FILTRATION AND CONTROL SYSTEMS

SAMSUNG

NOVO TRONIC

evapco



CAPABILITIES

OUR MEP SERVICES

Quantum delivers complete MEP contracting services across design coordination, supply integration, installation, testing, commissioning, and technical support.

MECHANICAL

- HVAC systems
- Chilled water systems
- Ventilation systems
- Smoke management
- VRF
- Firefighting systems

ELECTRICAL

- Power distribution
- Lighting systems
- Panels & cable networks
- Earthing & lightning protection

PLUMBING

- Water supply networks
- Drainage systems
- Pump rooms
- Water treatment support
- Irrigation networks

LOW CURRENT

- Fire alarm
- Access control
- Cctv
- Instrusion
- Public address
- Data and Telephone
- Digital signage
- MATV
- Parking system
- Audio visual
- Nurse call

CONTROL

- BMS
- KNX
- GRMS

SOLAR

- ON-GRID SYSTEMS
- OFF-GRID SYSTEMS
- PUMPING SYSTEMS
- HYBRID SYSTEMS
- UPS SYSTEMS

INFRASTRUCTURE

DATA CENTERS

DISTRICT COOLING



WHY QUANTUM

BUILT FOR B2B CONFIDENCE

Quantum combines the modern mindset of an integrated MEP contractor with the credibility, technical background, and project heritage of Tiba Manzalawi Group.

BACKED BY LEGACY

Supported by a group established in 1979, with a proven portfolio across Egypt, the Middle East, and global markets.

INTEGRATED DELIVERY

Mechanical, electrical, plumbing, low-current, and control systems are coordinated into one performance-driven process.

ENGINEERING PRECISION

Every project is treated as a controlled system, where details, interfaces, and disciplines must work together.

SUPPLY CHAIN STRENGTH

Group access to HVAC and water system expertise supports reliable planning, product knowledge, and technical decisions.

CRITICAL SECTOR EXPERIENCE

Quantum is positioned to serve high-demand sectors including healthcare, hospitality, government, industrial, and commercial projects.

QUALITY & SAFETY

Execution is guided by performance, documentation, testing, commissioning, and safety-driven practices.



MARKETS WE SERVE

SECTORS

Quantum is designed for the scale and responsibility of B2B projects, from landmark public facilities to private developments and complex industrial environments.

01
Government & Administrative Buildings



02
Airports & Transportation Facilities



03
Hotels, Resorts & Hospitality



04
Hospitals & Healthcare Facilities



05
Commercial & Private Buildings



06
Banks & Financial Institutions



07
Factories & Industrial Facilities



08
Pharmaceutical Facilities





GROUP REFERENCES

SELECTED PROJECT EXPERIENCE

As one of Tiba Manzalawi Group, Quantum is backed by a wide reference portfolio across landmark projects in Egypt, the Middle East, Africa, and international markets.

GOVERNMENT & LANDMARK PROJECTS

- Government District – New Administrative Capital
- Parliament Buildings – New Administrative Capital
- Presidential Palace – New Alamein City
- Al Manara Conference Center
- Al Massah Conference Center

AIRPORTS

- Cairo Airport
- Sphinx Airport
- Sharm El Sheikh Airport
- Hurghada International Airport
- Marsa Alam International Airport

HOTELS & RESORTS

- Four Seasons Resort Sharm El Sheikh
- Conrad Hotel Cairo
- Marriott Hotel Cairo
- Steigenberger Hotels
- Al Masa Hotel – Administrative Capital

HEALTHCARE

- 57357 Hospital
- New Dar El-Fouad Hospital
- Katameya International Hospital
- National Heart Institute
- Kasr El Aini Hospital

COMMERCIAL & PRIVATE BUILDINGS

- Mall of Egypt
- City Stars
- Almaza City Center
- The Polygon Business Park
- Zed Towers Sheikh Zayed

INDUSTRIAL & PHARMACEUTICAL

- Procter & Gamble Factory
- Unipharma Factory
- Ultimate Pharma
- Orchidia Pharmaceutical
- Wadi Food Group



BUILT ON TIBA'S LEGACY. ENGINEERED FOR TOMORROW'S BUILDINGS.

QUALITY

Systems are planned and delivered with a focus on performance, compatibility, and long-term operation.

SAFETY

MEP execution requires discipline, coordination, and site practices that protect people, equipment, and buildings.

PERFORMANCE

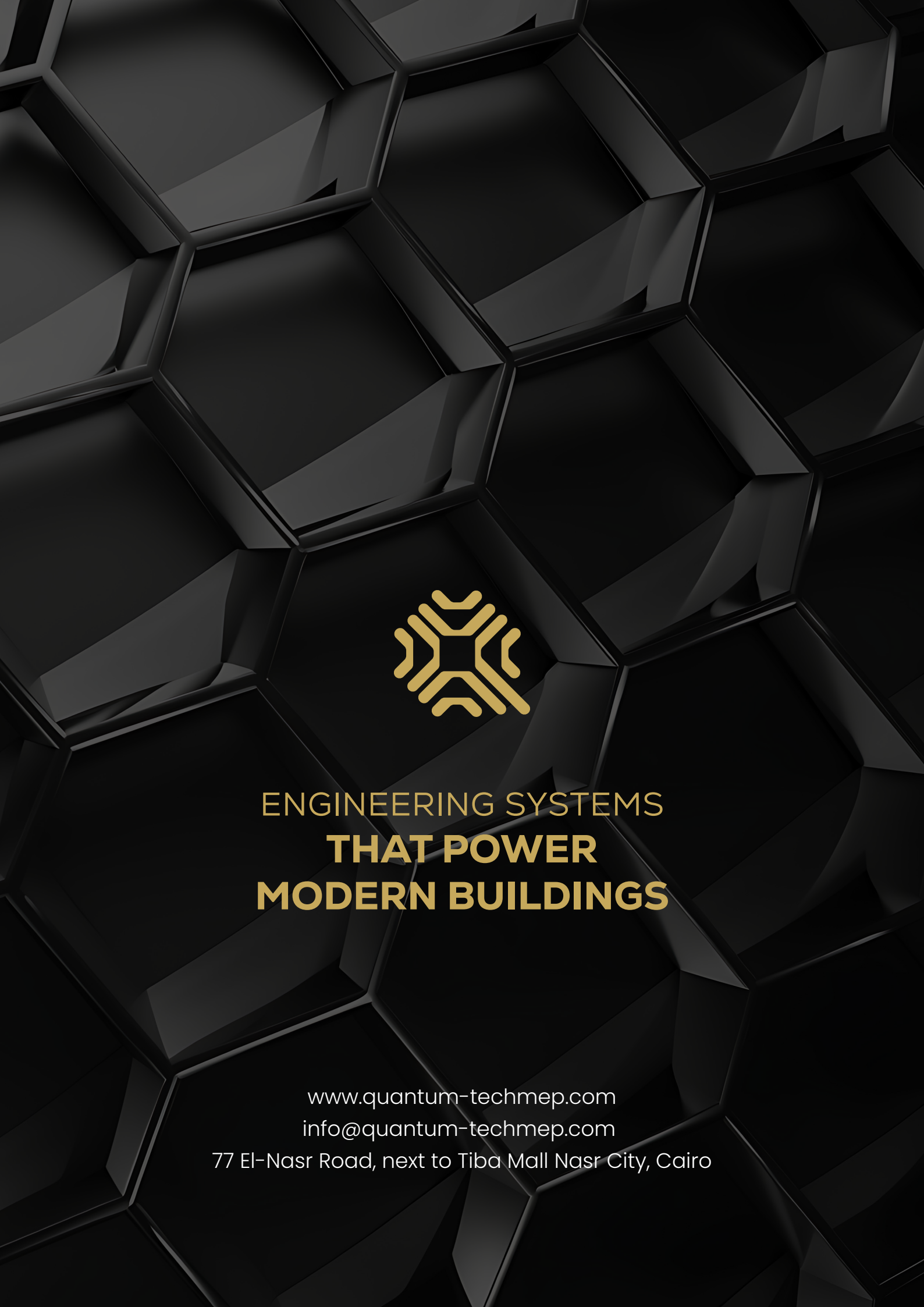
From installation to commissioning, Quantum focuses on systems that work reliably under real operating conditions.

QUANTUM
MEP CONTRACTING

CONTROL THE SMALLEST DETAIL CONTROL THE ENTIRE SYSTEM

Integrated MEP contracting, backed by a legacy since 1979.





ENGINEERING SYSTEMS

THAT POWER MODERN BUILDINGS

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