



ELRAHMA FOR CONSTRUCTION



COMPANY PROFILE

2023 - 2024

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**ELRAHMA FOR
CONSTRUCTION**

17 YEARS
IN THE EGYPTIAN
MARKET

We are specialists in the construction of unique and exclusive properties. Our work inspires. We pride ourselves on delivering outstanding quality and construction design for leading clients across the world.



ABOUT US

Founded in 2006, EL RAHMA for construction has grown into being one of the nation's largest construction leaders in electromechanical networks and was part of a coordinated team in the development of the infrastructure for major projects within the Arab Republic of Egypt.

Since then, the company's projects have diversified to include all specialized electrical and mechanical systems for each - residential, touristic projects, hotels and factories, while keeping pace with modern technology and international standards and specifications.

We're consistently redefining the roles and working on developing the construction field and ever-evolving future challenges, as well as, meeting all our customers' needs and partners of success.



**CONSTRUCTION
SPECIALIST**



**EXCLUSIVE
PROPERTIES**



**OUTSTANDING
TECHNICAL SUPPORT**



OUR SERVICES - CONSTRUCTION FIELD

1. INFRASTRUCTURE SYSTEMS

Installation of all infrastructure systems (mv & lv cables installation, landscape lighting, fiber optic network, water supply & draining networks, irrigation and firefighting networks)

2. MECHANICAL INDOOR SYSTEMS

Installation of all mechanical indoor systems (water supply, drainage, firefighting, central air condition system)

3. MEDIUM VOLTAGE NETWORK

Installation of all medium voltage equipment's (distrusters-mv cables-ring main units & transformers).

4. LOW VOLTAGE SYSTEMS

Installation of all low voltage systems (main & sub-main panel boards- lighting and power systems- cables and cable trays)

5. LOW CURRENT SYSTEMS

Installation of all low current systems (cctv, fire alarm, sound system, master television system & intercom system).

6. INFRASTRUCTURE LANDSCAPE

Installation of all Infrastructure phase hard & soft scape

GENERAL MAINTENANCE WORK:

THROUGH THE MAINTENANCE PROGRAM, WE PROVIDE ALL PREVENTIVE AND CORRECTIVE MAINTENANCE WORKS FOR ADMINISTRATIVE AND COMMERCIAL BUILDINGS THROUGH.

1. A maintenance team with the highest level of training and experience in all fields
2. Good looking and uniform maintenance team
3. Supervision and follow-up by specialized engineers
4. Daily inspection and visit Schedule
5. Rapid response to end malfunctions and problems
6. Preparing and implementing a preventive maintenance plan
7. Preparing and following up the monthly reports
8. Preparing the required spare parts reports for the facility
9. Develop a paper system for Works (a list of inspection and checking a time plan for preventive maintenance work, a list of the contents and components of all systems, a list of all maintenance steps required for each system)
10. Preparing statistical reports for all systems
11. Supervising and following up on maintenance work for agents and suppliers.

ELECTRICAL MAINTENANCE WORK:

IT INCLUDES MAINTENANCE AND OPERATION WORK FOR THE ELECTRICITY SYSTEM, WHICH COVERS PREVENTIVE MAINTENANCE ACCORDING TO THE PLAN, REPAIRING NORMAL FAULTS AND REPLACING SOME SPARE PARTS AND INCLUDES COVERING THE FOLLOWING:

1. Diesel generators

2. Lighting of power systems

3. Electrical panels

4. Electricity feeding networks

5. Ground system

6. Switch, Gear, RMUS, Transformers

Note:

The main faults and annual maintenance work for the generator, transformer and the main electrical room are carried out by the main agent under the management and supervision of the building management team.

ELECTRICAL M.V & L.V NETWORKS:

IT INCLUDES ALL NECESSARY MAINTENANCE WORK FOR SWITCHGEAR, AIR CIRCUIT BREAKERS, VACUUM CIRCUIT BREAKERS, MOLDED CAS CIRCUIT BREAKERS, CABLES, BATTERY CHARGER, CHARGERS, OIL & DRY TYPE TRANSFORMERS, UPS, RMUS UNDER THE MANAGEMENT AND SUPERVISION OF BUILDING MANAGEMENT TEAM

PLUMBING AND SANITARY WORKS:

IT INCLUDES ALL NECESSARY MAINTENANCE WORK FOR THE WATER SUPPLY DRAINAGE NETWORKS, INSPECTION, REPAIR AND REPLACEMENT OF ALL ACCESSORIES AND SANITARY FIXTURES, AND INCLUDES THE FOLLOWING: Malfunctions of water supply pumps which are carried out by the agent under the supervision and follow-up of the building management team.

AIR CONDITIONING NETWORK WORKS:

IT INCLUDES PREVENTIVE MAINTENANCE AND OPERATION OF THE AIR CONDITIONING SYSTEM IN THE BUILDING AND INCLUDES THE FOLLOWING: - All units of central air conditioning and fresh air units (Fan Coil) - internal air conditioning units, hood units

Note:

The main faults and annual maintenance work for the generator, transformer and the main electrical room are carried out by the main agent under the management and supervision of the building management team.

OPERATION AND MAINTENANCE WORK FOR SPECIALIZED SYSTEMS:

1. CAMERAS AND MONITORS
(CCTV SYSTEM)

2. ACCESS CONTROL SYSTEM

3. FIRE ALARM SYSTEM
(sub-panels and main sensors bells)

4. FIRE-FIGHTING SYSTEM
(pump room, diesel, automatic sub-extinguishing systems - manual extinguishers)

5. IP TELEPHONE & DATA SYSTEM

6. MATV SYSTEM

7. STRUCTURE CABLING

Note:

Major faults and spare parts are dealt with by the main agent under the supervision and management of the building team.

MAINTENANCE OF PUMPS AND ELECTROMECHANICAL EQUIPMENT:

(Fire-Fighting pump room) Diesel and electric pumps (feed water pumps and submersible pumps)

AUTOMATIC FIRE EXTINGUISHING SYSTEM:

Water pumps (diesel and electric pumps) control panel fire-fighting units
CO2 - water pipe network

MANUAL FIRE EXTINGUISHING SYSTEM:

Fire boxes, water hoses, manual fire extinguishers.

SURVEILLANCE CAMERAS AND MONITORS:

- 1.** Checking the camera lenses and making sure of the correct orientation according to the requirements of the place
- 2.** Dust removal
- 3.** Review the network of cables and wires
- 4.** NVR devices, recording and saving

GENERAL CLEANING WORK:

IMPLEMENTATION OF GENERAL CLEANING WORK WITH HIGH QUALITY THROUGH A SPECIALIZED TEAM IN UNIFORM AND IN ACCORDANCE WITH A WORK PLAN AND A DAILY, WEEKLY AND MONTHLY SCHEDULE, WITH THE PROVISION OF TOOLS, EQUIPMENT AND MATERIALS USED IN THE CLEANING WORK CLEANING WORKS FOR ALUMINUM AND GLASS FACADES

WE PROVIDE, THROUGH GENERAL CLEANING SERVICES, THE FOLLOWING:

- 1. THE CLEANING TEAM HAS A DISTINGUISHED LEVEL OF TRAINING AND EXPERIENCE**
- 2. GOOD LOOKING AND UNIFORM WORK TEAM**
- 3. PROVIDING THE MATERIALS, EQUIPMENT AND TOOLS REQUIRED TO CARRY OUT CLEANING WORK**
- 4. SUPERVISION AND FOLLOW-UP BY SPECIALIZED SUPERVISORS**
- 5. PREPARING AND EXECUTING THE CLEANING WORK PLAN ACCORDING TO A SPECIFIC SCHEDULE (DAILY, WEEKLY, MONTHLY)**
and it includes all the elements of the facility, internally and externally, specifically to implement the cleaning work, in addition to the inspection schedule and daily traffic.

6. THE EXTERNAL FACADES ARE CLEANED BY TRAINED AND SPECIALIZED CLEANERS

7. DEVELOP A PAPER SYSTEM FOR WORKS
(reveal the inspection of a time plan for cleaning work, daily Visit schedule and follow-up)

EXAMPLES OF TOOLS AND EQUIPMENT USED:

1. Hoover dust and water suction 1 motor - 3 motors.
2. Alsingel machine disc washing and polishing floors, ceramic, marble, parquet
3. Water suction machine
4. You see a holder for hygiene supplies
5. General hygiene supplies (soap, floor freshener, sink cleaner, multiple cleaners, brooms, wipers, floor juicers, brushes, cotton pads, stainless steel cleaning towels, metal stairs and warning signs)



CONTROL OF RODENTS AND INSECTS:

1. A chemical spray every visit
2. Spray with a high compressor concentration on demand and according to need
3. Spraying pesticides around the building from the outside against crawling insects using deltamethrin².
4. Intense spraying of bathrooms in the floors periodically using deltamethrin
5. A gel (a special bait for cockroaches) is applied to the bathrooms once a month
6. Baits for rodents are placed in the form of wheat granules inside polyethylene bags inside ceilings, electricity rooms, green areas, elevators machine rooms, pumps room, generator and transformer every 3 months.
7. Spraying openings, drainage lines and pits in the garage, roof and back entrance.

HANDLING MEDICAL WASTE:

Medical waste is dealt with by collecting medical waste in bags designated for that purpose and in a special room. It is disposed of through private companies licensed to collect medical waste in accordance with the requirements of the Ministry of Environment and the Ministry of Health and Population

REPORTS AND RECORDS USED AND PREPARED FOR THE FACILITY:

1. Preventive maintenance plan
2. A record of the facility's assets and regulations
3. Statistical reports for maintenance and equipment work
4. Inspection forms and notes (maintenance and cleaning)
5. Daily maintenance record
6. Fire evacuation plan
7. Monthly reports for maintenance and operation
8. Report of spare parts required and store record
9. Records of maintenance work, suppliers and agents
10. Record daily visits and entry traffic
11. Car movement record
12. Record the attendance and departure of the operating team

LIST OF PROJECT

DONE BY ELRAHMA (MAINTENANCE)

Project	Location	Scope	Status	Main Contractor
Nubian Sharm Resort	Sharm	Electrical	Completed	Owner Staff
Prevage Taba Resort	Taba	Electrical	Completed	Prevage Taba
Shura Council	Cairo	Electrical	Completed	Owner Staff
Sharm Heights - Sharm El Sheikh	Sharm El Sheikh	Electrical	Completed	Sharm Heights
Oriental Wavers factories-10th of Ramdan	Sharm El Sheikh	Mechanical & Electrical	Completed	Oriental Wavers
Abla ElKahlwa Hospital - Mokatom	Cairo	MEP Networks	Completed	El Rahma
Hospital Khamis - 10TH Of Ramdan	Cairo	MEP Networks	Completed	El Rahma
Amr Ibn Elass Hospital - Old Cairo	Cairo	MEP Networks	Completed	El Rahma
Oriental Weavers Factories	Cairo	MEP Networks	Completed	Owner Staff





OUR TRUSTED PARTNERS



Public address



CCTV



Fire Alarm



Telephony system



Access Control



MATV



Video conference



Digital Signage



Sound system



Discussion system



Structured cabling



Networking



Servers and storage



Audiovisual systems



انظمة غرف الاجتماعات
Discussion system



أنظمة الصوتيات المحترفة
Professional sound system



انظمة العلامات والعرض المرئي
Digital signage



انظمة المؤتمرات المرئية عن بعد
Video conference

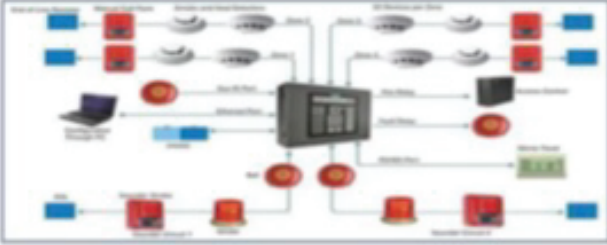


انظمة المنازل الذكية الممكنة
Smart home automation



انظمة الإرسال المركزي
MATV

Low current systems



انظمة انذار الاطفاء التقليدية و المعونة
Addressable & conventional Fire alarm



انظمة النداء و الاخلاء الصوتي
Public address system



انظمة المراقبة المرئية بالكاميرات
CCTV system



انظمة انذار السرقة
Burglar alarm system



انظمة التحكم في الابواب
Access control



انظمة التليفونات العادية و الشبكية
Hybrid & IP Telephony



One of the nation's largest construction leader
in electromechanical networks and the infrastructure
for major projects within the Arab Republic of Egypt.

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