



**EMS**  
SOLUTIONS

The logo features a stylized gear on the left, with a lightning bolt and a plug symbol integrated into its structure. The text 'EMS' is in a large, bold, dark blue font, and 'SOLUTIONS' is in a smaller, dark blue font below it.

PROFILE & PORTFOLIO



## Our Vision

To be recognized as the pre-eminent electromechanical & sustainable solutions EPC company in the region.

## Our Mission

We deliver our vision by exceeding our client's expectations through providing world-class quality within allocated budget & planned schedule; while adhering to QHSE regulations.

## About Us

EMS solutions is a specialized engineering company that started in 2015 focusing primarily on electromechanical and sustainable solutions. EMS Solutions provides its clients with services of unrivalled quality. We are a team of engineers who work around the clock to accomplish our client demands, presenting ourselves as the best value provider in the market. Outstanding quality is always our target, we work closely with our clients to fully identify their needs and help them achieve their desired goals. EMS solutions accompanies you throughout your journey from early design conception, to tendering and procurement, installation then finally testing and commissioning the project; we provide a complete tailored package with the best quality and safety measures for your business.



## Scope of Work

At EMS solutions we provide our customers with a wide range of MEP and solar energy services

Our scope of work is divided into three main sectors:

### **Electrical services:**

Power distribution systems.

Light current systems.

### **Mechanical services:**

Heating ventilation and air conditioning systems "HVAC".

Fire Fighting systems.

Plumbing systems.

### **Solar energy services:**

PV-Diesel hybrid systems.

On-grid systems.

Solar water pumping systems.

Off-grid systems.



## Our Core Values

Our shared values align with our goals and became the standard of our work.

### **Quality:**

Always strive to produce the best we can, provide effective solutions and add value to our clients.

### **Team work:**

We rely on each other, there are no 'one-person' jobs, harmony, coordination, collaboration and supporting our colleagues is how we do it here

### **Customer Centricity:**

For us customer's satisfaction is our goal, we are here to support and provide them with striking quality and service.

### **Integrity:**

It's the constant choice to infuse every action with honesty, fairness, and respect for clients and colleagues alike.

### **Sustainability:**

The environment is our responsibility. We should keep it safe and clean by delivering our services in a way that minimizes the environmental impact and promotes business integrity.



## Our Team

Our team is the reason behind our success. We are a team of experts that complete each other providing our customers with unrivalled experience. We are a tight-knit, talented, creative and coherent team who share a vision of delivering outstanding results. We believe that quality, integrity and being customer centric is our key to success, they are our code of conduct that we abide by. We focus on creating a comfortable yet challenging environment to develop our skills, creating a successful cooperative team that can serve our clients with utmost sincerity and dedication.



## Project

# Hawamdeya Radiology Center

### Owner

DOKKI SCAN

### Date of implementation

2020

### Location

Hawamdeya, Egypt

### Project brief

DOKKI SCAN is one of the top prestigious centers in Egypt, established in 1995. DOKKI SCAN opened a new center branch covering an area of 1,200 m.,

### Scope of work

EMS Solutions provided MEP services, including the following:

- Designed and intalled Power distribution systems including emergency system
- Designed and installed Light current systems
- Installed DAIKEN VRV system



## Project

# Dokki Radiology Center

### Owner

DOKKI SCAN

### Date of implementation

2020

### Location

Dokki, Egypt

### Project brief

DOKKI SCAN is one of the top prestigious centers in Egypt, established in 1995. DOKKI SCAN has a center covering an area of 3,000 m, which needed upgrading its HVAC system.

### Scope of work

EMS Solutions supplied and installed 44 DX units including duct works and air outlets.



## Project

# 2 MWp PV-DIESEL Hybrid System

### Owner

Lehaa for Trading and Agriculture investment

### Date of implementation

2021

### Location

Aswan, Egypt

## Project brief

Lehaa for trading and agriculture investment was established in 1998, as a leading fresh crop exporters in Egypt. Lehaa company owns a 5,000 acres farm, that relies on a genset as main source of electricity

## Scope of work

EMS Solutions implemented a 2 MWp PV-DIESEL ground mounted system, over an area of 4.5 acres, including the following:

- Site inspection and data acquisition
- Full PV-Diesel Hybrid system design
- Supervision of Civil Works
- Provided pull-out test and ramming services
- Supplied and Installed system components
- Tested and commissioned the system

EMS Solutions also supplied and installed a 75 Kwp Solar water pump system



## Project

# 150 KWp On-Grid PV System

### Owner

Gezira Sporting Club

### Consultant

ICPD International consultant for projects development,  
Dr. Seif Abu elNaga

### Main contractor

Military Production Co. for Projects and Engineering  
Consultancy

### Sub-contractor

EMS Solutions

### Date of implementation

2020 - present

### Location

Zamalek, Egypt

### Project brief

GSC is one of the largest multi-sport facilities in Egypt, founded in 1882. GSC started building a new gymnastics hall in 2019, over an area of 2400 m2.

### Scope of work

EMS Solutions implemented a 150 KWp On-Grid PV roof mounted system, including the following:

- Full On-Grid PV system design
- Supplied and Installed system components
- Tested and commissioned the system

## Project

# 36.7 KWp On-Grid PV System

### Owner

Karama & Partners Company

### Date of implementation

2018 - 2019

### Location

6th of October City, Egypt

### Project brief

Karama & partners company owns and operates Markeiz factory, that works in F&B industry, producing chocaltes and pastry products.

### Scope of work

EMS Solutions implemented a 36.7 KWp On-Grid PV roof mounted system, including the following:

- Full On-Grid PV system design
- Supplied and Installed system components
- Tested and commissioned the system



## Project

# 300 KWp PV-DIESEL Hybrid System

### Owner

Monastery of Saint Anthony

### Main contractor

Solanile Egypt

### Sub-contractor

EMS Solutions

### Date of implementation

2019

### Location

Zaafarana, Egypt

## Project brief

The Monastery of Saint Anthony is one of the most prominent monasteries in Egypt, located in Eastern desert of Egypt. The monastery relies on a genset as main source of electricity, the monastery had an existing PV-Diesel hybrid system, but needed to extend its capacity.

## Scope of work

EMS Solutions installed a 300 KWp PV-DIESEL ground mounted system, including the following:

- Site inspection and data acquisition
- Full PV-Diesel Hybrid system design
- Installed system components
- Tested and commissioned the system



## Project

# BLUE SPA Hotel

### Owner

PickAlbatros Group

### Date of implementation

2021 - Present

### Location

Hurghada, Egypt

### Project brief

PickAlbatros Group owns and operates 18 hotels, with BlueSpa Hotel being their latest addition to their Group. BlueSpa Hotel is set to join the group in 2022, with 320 rooms of various sizes.

### Scope of work

EMS Solutions supplied and installed various MEP services, including the following:

- Electrical power distribution system
- Electrical infrastructure works
- Plumbing networks
- HDPE Fire Fighting network

## Project

# Jungle Aqua Park 2 Hotel

### Owner

PickAlbatros Group

### Date of implementation

2021 - Present

### Location

Hurghada, Egypt

### Project brief

PickAlbatros Group owns and operates 18 hotels, with Jungle Aqua park 2 Hotel being their latest addition to their Group. Jungle Aqua Park 2 Hotel is set to join the group in 2022, with 150 chalets of various sizes.

### Scope of work

EMS Solutions supplied and installed various MEP services, including the following:

- Electrical power distribution system
- Fire Fighting system excluding Fire pump room





Project

# Various Solar Street Lights systems

Date of implementation

2015 - Present

Project brief

Entities from different segments have been looking for different lighting systems, that are independent of utility grid. Solar street lights are the perfect product, which can be tailored

Scope of work

EMS Solutions supplied and installed more than 200 Street Light poles with different power capacities ranging from 40W to 120 W



DORRA | GROUP



## Project

# Various Residential On-Grid PV systems

### Date of implementation

2018 - Present

### Project brief

Residential owners were searching for a sustainable solution, to reduce their electric bills. Solar PV On-Grid system was the best choice, that suited their needs.

### Scope of work

EMS Solutions implemented various On-Grid PV roof mounted system ranging from 7 KWp to 15 KWp, including the following:

- Full On-Grid PV system design
- Supplied and Installed system components
- Tested and commissioned the system



## Project

# Various Residential Solar Water Heater systems

### Date of implementation

2015 - Present

### Project brief

Residential owners were searching for a sustainable solution, to heat their domestic water usage. Solar water Heaters were the best choice, that suited their needs.

### Scope of work

EMS Solutions supplied and installed more than 300 Solar Water Heaters with capacities ranging from 300 L to 1000 L.





THANK YOU!



+2 0100 420 720 4



[info@ems-solutions.com.eg](mailto:info@ems-solutions.com.eg)



Villa 8 Diplomatic District, Al Sheikh Zayed,  
6th of October City, Giza, Egypt