



# INTEGRATED FACILITIES MANAGEMENT

One-stop source for FM services 

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## About KN Facilities Management

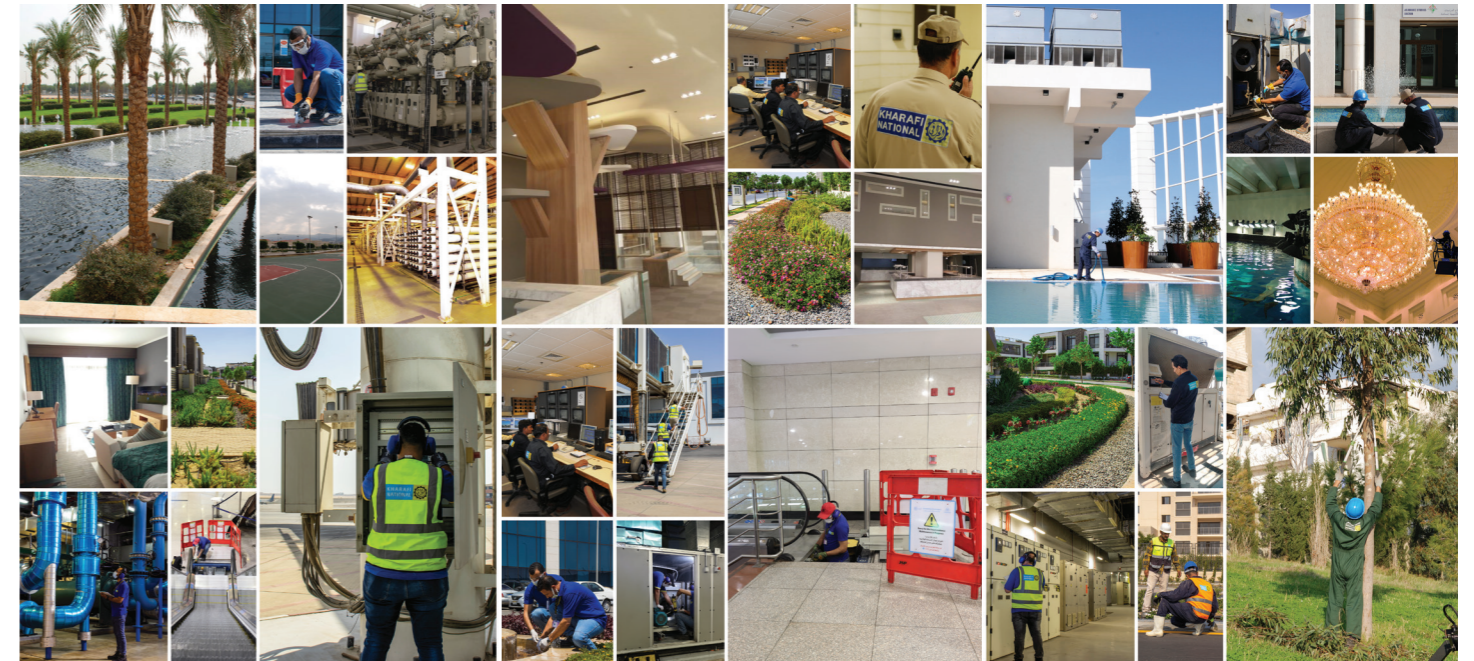
Kharafi National Facilities Management business provide comprehensive and integrated services for commercial, residential and industrial building systems, installations and facilities.

KN established the FM Special Projects Division for clients who wanted to deal with one contractor who could provide a total construction (design, build, finish, furnish, operate and maintain).

KN-FM operations integrate all the functions needed to support the routine operations providing a one-stop source for quality, design, operation, and maintenance by offering a truly comprehensive range of **Total Facilities Management Services (TFM)**.

Our services provide clients with A 360-degree service without boundaries and the advantage of a single point of contact.

A commitment to excellence has made Kharafi National the most respected Facilities Management services provider in the region and gained us an unbeatable reputation for providing cost-effective project management services, for maximizing the value of assets while minimizing operating costs, for creating customized solutions that result in more effective operations, and for maximizing employee productivity.



The Facilities Management team at Kharafi National is skilled at analysing facility operations and in offering recommendations to improve both productivity and risk management – right from the inception of a project.

This team undertakes special projects, such as those involving an uncommon process, technique or material, or projects that must be executed within a particularly tight time-frame. Special projects usually require the provision of a wide variety of distinctive services, as well as redesign, reconfiguring, renovation and construction works.

Clients of the Facilities Management business represent a cross-section of the most prominent private and public institutions in the Middle East region.

The Company undertakes long term classic maintenance contracts, typically to BOT projects being undertaken by Kharafi National. Classic maintenance to other BOT developers who do not have their own operating capability.

**OUR STRONG MARKET POSITION AND BREADTH OF EXPERTISE POSITIONS US VERY WELL FOR CONTINUING GROWTH**

**Kharafi National's FM business divided into two sectors:**

- 1 - Institutional & Commercial Services
- 2 - Industrial Services

**1- FM INSTITUTIONAL & COMMERCIAL**

At Kharafi National we believe that every facility is unique, and we treat each one with individual care and attention. Our FM I&C Operation provide customized solutions that meet both the regular & special needs of each client & take fiduciary responsibility for protecting and prolonging the lifespan of their major capital investments.

**Kharafi National diversified (FM I&C) Sectors:**



FM - INSTITUTIONAL & COMMERCIAL OPERATIONS INTEGRATE ALL THE FUNCTIONS NEEDED TO SUPPORT THE ROUTINE OPERATIONS OF A FACILITY PROVIDING A ONE-STOP SOURCE FOR QUALITY DESIGN, OPERATION AND MAINTENANCE BY OFFERING A TRULY COMPREHENSIVE RANGE OF TOTAL FACILITIES MANAGEMENT SERVICES (TFM).

**TOTAL FM SOLUTIONS (TFM)**

Our integrated **Hard, Soft, Support and HSE services** provide our clients with the added value of the one-stop shop concept and ultimately allowing them to concentrate on their core business in the knowledge that the operation of their facilities is being capably managed by an experienced & qualified professional team.



OUR FM I&C SERVICES ARE ALSO SUPPORTED BY CENTRALISED SERVICES WHICH INCLUDE THE EQUIPMENT DIVISION, SCAFFOLDING DIVISION, CALIBRATION LABORATORY AND ACCOMMODATION DIVISION.

OUR PEOPLE ARE ADEPT AT ANALYZING FACILITIES OPERATIONS AND IN OFFERING RECOMMENDATIONS TO IMPROVE THE FACILITY'S SAFETY, EFFICIENCY AND COST-EFFECTIVENESS RIGHT FROM THE INCEPTION OF A PROJECT.

**HARD SERVICES**

- HVAC
- Mechanical Systems
- Electrical Systems
- Plumbing Systems
- Building Automation
- MEP Installations
- Fire Fighting System
- Building Maintenance Units
- Civil Works

**SOFT SERVICE**

- Cleaning
- Waste Management
- Security
- Hard/Soft Landscaping
- Pest control
- Catering
- Reception

**HSE Services**

- Risk Assessments
- Safety Audits
- Emergency Response Planning
- First Aid
- Crisis Management
- Environmental Awareness
- Energy Audits
- Recycling Solutions

**Support Services**

- Centralized Call Center
- Condition Surveys
- Space Planning
- Access Solutions
- Project Management
- Relocation Management
- Event Management



“A leading one-stop-source for industrial services including operation and maintenance solutions”

## 2- FM Industrial Services

FM-Industrial Services has developed several technology partnerships and value added re-seller (VAR) arrangements, as well as original equipment manufacturer (OEM) certified services and system applicator status, in each discipline in which it is active, with leading global companies in systems, solutions and niche technologies. The delivery of FM-Industrial Services operations has been organized into several service disciplines serving a wide range of industries.

### Services

- Industrial Maintenance
- Water & Wastewater applications
- Electrical
- Instrumentation & Controls Mechanical
- Electrical systems
- HVAC systems
- MV and LV systems
- Low current systems
- Civil Repair works



### Industries

- Oil & Gas
- Petrochemical
- Power Plants
- Power Transmission and distribution
- Water & Wastewater
- Civil amenities
- O&M multi-discipline services
- Infrastructure
- Other Industries



Kharafi National FM - Industrial Services provides Operation and Maintenance services in the following disciplines: Mechanical, Electrical, Instrument & Control, Civil, Communication, HVAC, Fire Fighting, IT, Support Services and any combination thereof.

### Areas of operation:

#### Sewage works & water networks

The division has vast experience and extensive references for the delivery of water and wastewater services.

#### Electrical

Provides a complete range of systems and solutions for the power transmission and distribution (T&D) and metering segments of the industry, as follows:

- EHV sub-stations, GIS switch gears.
- MV & LV sub-stations, distribution systems, RMUs.
- Transformers (power and distribution).
- Overhead transmission lines.
- Power cables (EHV, HV, XLPE).
- Switchgear services.
- Motors and drives (soft-starter and VFD) services.
- Street lighting services.
- Sub-station protection.
- Energy/smart metering, AMR solutions.
- Event logger, fault recording, earthing systems.
- PV solar system integration.

#### Instrumentation & Control

Delivers in process automation applications across all industries. These include system design and architecture, software configuration, hardware integration, system testing, supply, and installation, testing, commissioning and after-sales services.

#### Mechanical

Provides a complete range of systems and solutions in the mechanical disciplines for all industries as follows:

- Boilers, heat exchangers and cooling systems.
- Air pre-heaters.
- Maintenance, servicing and overhaul of stationary equipment.

- Maintenance, trouble-shooting and overhaul of rotary equipment.
- Catalyst and life support management.
- Hydro jetting and hydro testing.
- Valves, valve reconditioning and installation.
- Surface preparation and protection.
- Filters.
- Insulation services.
- Specialized services.
- Piping fabrication, modification and welding services.

#### Communication

Offers the engineering, design and programme management capabilities required for full deployment support across all telecommunication technologies. Our services include end-to-end network deployment, from network planning through commissioning and optimization to after-sales services.

The range of Communication services and solutions includes:

#### Wireless networks

- Satellite communication service.
- Microwave and digital radio networks.
- GSM and CDMA cellular networks.
- VHF, UHF - conventional and trunking radio networks.
- Broadband solutions - LAN/WANS and VPN networks.
- Fleet management technology and special solutions.

#### Wire line networks

- Fibre-optic metro and long-haul networks.
- Broadband solutions.
- PABX, VOIP and billing platforms.
- Security and SCADA networks.
- Inside and outside plant systems.
- Camera surveillance, CCTV and recording services.



KHARAFI NATIONAL ASSUMES FULL RESPONSIBILITY FOR THE EXECUTION OF ITS LONG TERM MAINTENANCE PROJECTS.

Featured Projects

# Integrated facilities for national projects



**Project name**  
Cairo International Airport Terminal Building No. 2

**Owner/Client**  
Cairo International Airport

**Scope of work**  
Operation & Maintenance.

**Location**  
Egypt

**Year of award**  
2020

**Period**  
5 Years

**All Facilities Management and Operation (Commercial & Industrial).**

Featured Projects

# Consummate O&M services for banks premises



Project name  
**National Bank of Egypt**

Owner/Client  
**National Bank of Egypt**

Scope of work  
O&M of all Electro-mechanical works for 150 branch

Location  
Egypt

Year of award  
2012

Period  
Annually renewed

Electro-mechanical works for the national bank of Egypt  
Head Quarter - Nile Plaza

Featured Projects

# Remarkable TFM services for residential projects



**Project name**  
Taj Sultan Residential Compound

**Owner/Client**  
Madinet Nasr for Housing & Development

**Scope of work**  
Total Facility management for Taj Sultan Community

**Location**  
Egypt

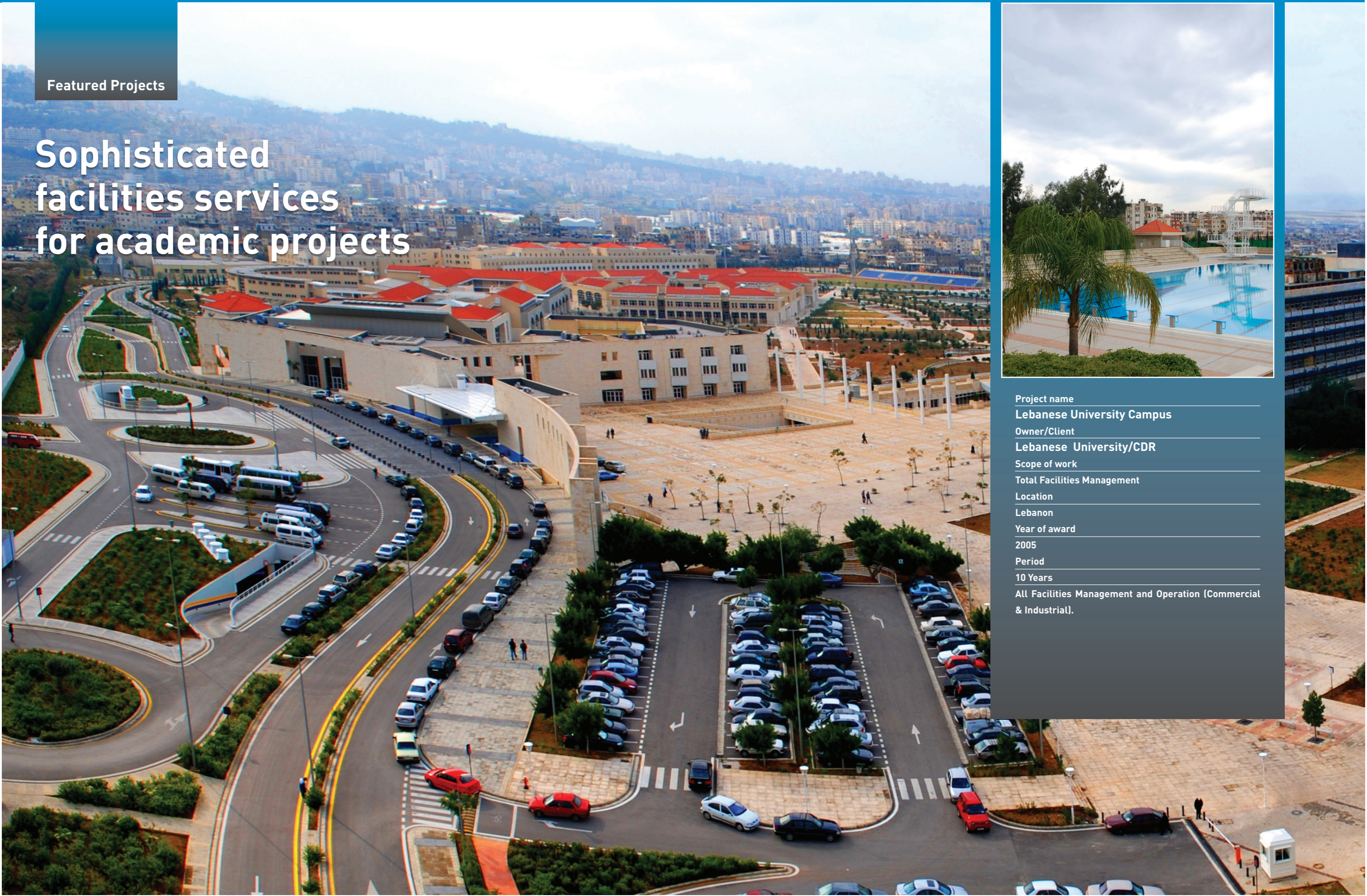
**Year of award**  
2017

**Period**  
2023

**Full FM Services (Institutional & Commercial)**

Featured Projects

# Sophisticated facilities services for academic projects



Project name  
**Lebanese University Campus**

Owner/Client  
**Lebanese University/CDR**

Scope of work  
**Total Facilities Management**

Location  
**Lebanon**

Year of award  
**2005**

Period  
**10 Years**

**All Facilities Management and Operation (Commercial & Industrial).**



## List of Projects

- Institutional & Commercial
- Industrial Services



Client	Project	Year of Award	Year of Completion	Country
Madinet Nasr for Housing & Development (MNHD)	Taj City Zone-T and Sarai S1 Compounds. Total Facility management.	2021	2023	Egypt
Emaar Misr	Marassi Swimming Pools. Operation and Maintenance all Swimming Pools.	2021	2024	Egypt
Cairo Airport Company	Terminal Building No. 2 Operations and Maintenance Services.	2020	2025	Egypt
Ahli United Bank	Egypt Branch Network. Hard & Soft Services for 44 branch.	2020	2023	Egypt
Central Bank of Egypt	5th Settlement Branch. Operation and Maintenance Services.	2020	2022	Egypt
El Sewedy	Knowledge Hub University - New Capital. Operation and Maintenance Services.	2019	2020	Egypt
Capital Group Properties for Real Estate Development	Alburouj Community. Hard & Soft Services.	2019	2022	Egypt
Cairo Airport Company	Power Stations - Terminal 3. Operation and Maintenance Services	2019	2025	Egypt
Arab Bank Corporation Egypt (ABCE)	New HQ - 5th Settlement. Hard & Soft Services.	2018	2024	Egypt
Kuwait Energy Egypt Limited Company	Company office - New Cairo. O&M of all Electrical and HVAC System.	2018	2022	Egypt
Emaar Misr	Desalination & Sewage Treatment Plants. O&M of all Electro-mechanical works for RO and STP Plant.	2017	2023	Egypt
National Bank of Egypt	150 Branch. O&M works.	2017	2023	Egypt
Madinet Nasr for Housing & Development (MNHD)	Taj Sultan. Total Facility Management.	2017	2023	Egypt
Emaar Misr	Marassi Sidi Abdel Rahman- North Coast. Electro-mechanical works.	2016	2024	Egypt
Degla CFM	New Giza University. O&M of all Electro-mechanical works for A,B and C Buildings	2016	2019	Egypt
Petrojet	Admin Building of Petrojet - Fifth Settlement. O&M of all Electro-mechanical and civil work at Petrojet Head Office.	2016	2022	Egypt
National Bank of Egypt	National Bank of Egypt Building. O&M of all electro-mechanical works for building at 70 St. 5th settlement	2015	2022	Egypt

Client	Project	Year of Award	Year of Completion	Country
EMAAR Misr	Mivida Compound. O&M of all electro-mechanical works 5th settlement.	2014	2022	Egypt
National Bank of Egypt	National Bank of Egypt. O&M of all electro-mechanical works for Head Quarter - Nile Plaza	2013	2022	Egypt
EMAK	Marsa Alam Power Generation Plant. O&M of all Mechanical works.	2005	2008	Egypt
KOC	Sewage Treatment Plant.	2015	2020	Kuwait
Shuwaikh Palace	Car Museum & Ahmadi Villas.	2015	2018	Kuwait
MEW	Ring Main Substations at Jahra Governorates.	2015	2018	Kuwait
TNB-Remaco / KN JV	Subiya Open Cycle Gas Turbine Plant.	2014	2022	Kuwait
Middle East Electricals Co.	Generator Rehabilitation and Control Board Replacement.	2014	2019	Kuwait
KOC	Maintenance of Fire & Gas Detection Systems.	2014	2019	Kuwait
KOC	Road Maintenance Works - Ahmadi.	2006	2014	Kuwait
Amiri Diwan	Sief Palace.	1999	2017	Kuwait
EPA	Environmental Monitoring Information System - Phase II.	2014	2017	Kuwait
MPW	New A7 Pumping Stations.	2014	2017	Kuwait
MEW	Ring Main Substations - Mubarak Al Kabeer Governorates.	2014	2017	Kuwait
MPW	Data Monitoring Centre.	2010	2013	Kuwait
MPW	O&M of Pumping & Transmission Systems.	2014	2017	Kuwait
Amiri Diwan	Administration Buildings - Sief Palace.	2014	2016	Kuwait

## List of Projects

- Institutional & Commercial
- Industrial Services



Client	Project	Year of Award	Year of Completion	Country
MPW	Storm Drain Networks - Farwaniya & Jahra.	2014	2016	Kuwait
MPW	Storm Drain Networks - Capital & Hawally Governorates.	2014	2016	Kuwait
MEW	Water Filling Stations.	2012	2014	Kuwait
KFAED	KFAED building, 2nd Phase.	2014	2015	Kuwait
MPW	Mishrif Pumping Station.	2010	2013	Kuwait
MEW	Doha West Power & Water Distillation Stations.	2012	2017	Kuwait
PAHW	Saad Abdullah Town.	2014	2015	Kuwait
TNB-Remaco / KN JV	Shuaiba North Co-Generation Plant.	2013	2020	Kuwait
MEW	11kV Cable Network.	2012	2015	Kuwait
MEW	11 KV Overhead Lines.	2012	2015	Kuwait
MEW	Automatic Fire Fighting System.	2013	2016	Kuwait
KOC	Fuel Network and Booster Stations.	2013	2016	Kuwait
KOC	Abdali Pump Station - West Kuwait.	2013	2016	Kuwait
Scientific Centre Management Co.	Scientific Centre.	2007	2015	Kuwait
MEW	Power & Water Distillation Stations.	2013	2015	Kuwait
MEW	Water Network - State of Kuwait.	2013	2015	Kuwait
MPW	Emergency Road Maintenance - Jahra Governorate.	2013	2015	Kuwait

Client	Project	Year of Award	Year of Completion	Country
Amiri Diwan	Bayan Palace.	1993	2010	Kuwait
Amiri Diwan	COM building (B500) Phase III.	2014	2017	Kuwait
MEW	Abdally Agriculture Area.	2013	2014	Kuwait
MEW	Doha West Power & Water Distillation Plant.	2012	2017	Kuwait
MPW	Mobile Wastewater Treatment Plant - Sabah Al Ahmed Residential City.	2012	2015	Kuwait
MEW	11KV Overhead Lines in South Kuwait Areas.	2013	2016	Kuwait
MEW	Underground 11KV Cables.	2013	2016	Kuwait
MEW	Monitoring & Control Centres - Jabriah, Kuwait City, Shuaiba and Jahra.	2012	2015	Kuwait
MABANEE	The Avenues Shopping Mall.	2007	2014	Kuwait
Arwa Real Estate	Arwa Printing Press.	2010	2015	Kuwait
MEW	Ring Main Substations at Mubarak Al Kabeer and AlAhmadi Governorates.	2014	2017	Kuwait
URC	Marina Mall.	2002	2013	Kuwait
Al Oula	Operation of (43) Fuel stations in different areas of Kuwait.	2008	2013	Kuwait
Amiri Diwan	VVIP Lounge at Kuwait International Airport.	2004	2011	Kuwait
PAWC	Street Lighting at Abdullah Al Mubarak.	2006	2008	Kuwait
Utilities Development Company	Sulaibiya Wastewater Treatment & Reclamation Plant.	2004	2030	Kuwait
KOC	Maintenance of Ahmadi Hospital.	1999	2008	Kuwait

## List of Projects

- Institutional & Commercial
- Industrial Services



Client	Project	Year of Award	Year of Completion	Country
Musanada	ADEC Schools - Al Ain.	2014	2017	UAE
Skycourts	Dubai Sky Courts.	2014	2015	UAE
Schlumberger	Schlumberger Facilities.	2013	2016	UAE
Mubadala	Zayed Sports City Development - Rihan Heights.	2013	2016	UAE
ALDAR	Al Raha Beach Development.	2013	2016	UAE
Mubadala	Rihan Heights District Cooling Plant.	2013	2016	UAE
ADSSC	Mafraq and Zakher Wastewater Treatment Plants.	2012	2019	UAE
ADPC	Abu Dhabi Port.	2012	2015	UAE
El Etihad Biwater Waste Water Company	ADWEA Wastewater Treatment Plants.	2011	2033	UAE
ALDAR	Al Zeina Development Building.	2011	2014	UAE
AMMROC	AMMROC Building.	2011	2014	UAE
JBI	Al Mamoura Towers.	2011	2014	UAE
MASDAR	Utilities Infrastructure of Masdar City.	2009	2012	UAE
John Buck International	Aldar Headquarter Building.	2010	2014	UAE
ALDAR	Central Market (The Souk).	2010	2013	UAE
Schlumberger	MLC (Middle East Learning Centre) Shamkha, UAE.	2010	2013	UAE
JBI	Baniyas Tower.	2010	2012	UAE

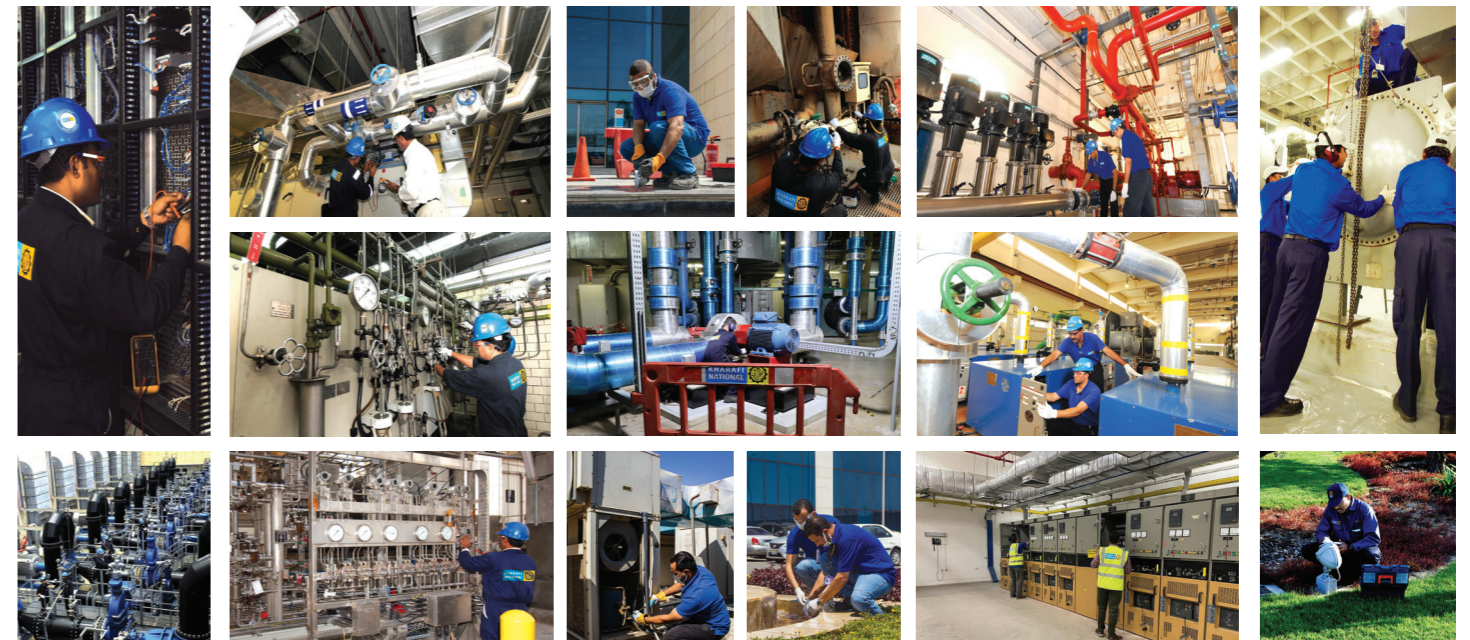
Client	Project	Year of Award	Year of Completion	Country
JBI	Abu Dhabi Beach Corniche.	2009	2012	UAE
MASDAR	Utilities Infrastructure - Masdar City.	2009	2012	UAE
MOI	Abu Dhabi Police Stations, Police Accommodations, Camps, Offices, Prisons, College, Clubs, Medical Centres, Forensic Labs, General Headquarters, Engineering Projects Administration buildings.	2008	2011	UAE
ADIA	ADIA Headquarter Buildings.	2007	2013	UAE
CDR	Lebanese University Campus.	2005	2015	Lebanon
Clemenceau	Clemenceau Medical Centre (CMC) Hospital - Beirut.	2005	2015	Lebanon
KBR	Supply, Installation and Commissioning of VSAT, PABX and UPS at different sites in Basra, Baghdad and Kirkuk.	2003	2003	Iraq

## Clients & Partners

Many of the most prestigious institutions of Power & Energy, Water & Waste-Water, Infrastructure and Civil sectors in Egypt, Middle East and internationally have come to rely on Kharafi National extensive experience and complete range of specialist skills to expertly execute fast-track design, development & build projects to the highest standards.



## KHARAFI NATIONAL FACILITIES MANAGEMENT



Power & Energy, Water & Wastewater, Infrastructure, MEP, Integrated Civil and Oil & Gas

WORKING 24/7/365 BEHIND THE SCENE TO OPERATE AND MAINTAIN YOUR INDUSTRIAL, INSTITUTIONAL AND COMMERCIAL FACILITIES

## Culture of Excellence

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