



PROJECT MANAGEMENT

Corporate Profile



**SEC Project
Management
Services L.L.C**



Project
Management
Solutions



Mission

Our mission is to provide top-quality project management services to our clients, ensuring the successful delivery of projects on time, within budget, and to the highest standards of quality



Vision

Our vision is to be the leading provider of project management services in the industry, known for our expertise, professionalism, and commitment to excellence.

Why SEC?



Expertise

Outsourcing project management provides clients with access to experts who have specialized knowledge & experience in managing construction projects and provides clients with multidisciplinary expertise.



Quality Management

Quality management is a critical aspect of project success, ensuring that the project's deliverables meet or exceed the established standards and expectations.



Cost Management

Outsourcing project management provides expert guidance on budgeting and financial management, helping to control costs



Time Management

Outsourcing project management frees up valuable time for contractors to focus on other aspects of the project



Resource Management

Outsourcing project management helps to optimize resource coordination and management

SEC History

The practical experience of the company is backed up by a distinguished academic career in teaching, research, and training of engineers. Areas of experience of the team cover the subjects of:

- ✓ Design of control system for industrial projects using PLC's and DC's systems
- ✓ Design of electrical systems for industrial and residential projects.
- ✓ Design of the grains storage and handling equipment system
- ✓ Design of non-process electro-mechanical systems and utilities (MEP)
- ✓ Supervision on fabrication and erection of industrial equipment
- ✓ Supervision on start-up, commissioning, and hand-over of the industrial and residential projects
- ✓ Training courses in different engineering aspects

✓ In 2012 SEC extended its activities in providing solutions for engineering problems to cover the complementary sector of project management backed-up by long experience in projects engineering activities and the management experience of the new associates Eng. Tarek Sakr and Eng. Hossam Sakr.

✓ Now, the seamless relation between long experience in engineering projects and project management deliverables ensures the fulfillment of any project goals concerning time, money and quality.

SEC is dedicated to ensure that the client project needs are completed to the highest standards and in the optimal time and quality.

Prof. Dr. Mohamed Sakr

SEC History

1983

Dr. Mohamed Sakr founded SEC in 19 8 3 as an Engineering Consultation firm

2000

SEC S.A.E became one of the most recognized engineering consultation Firms supported with decades of experience

2010

SEC diversifies into non-process electromechanical systems & utilities (MEP) sector

2012

SEC extended its activities in providing solutions for engineering problems to cover the complementary sector of project management

2022

SEC established SEC for project management as entity specialized in project management working in full integrity & seamlessly with Sakr Engineering Consultation (SEC) to provide all project Management deliverables



PROJECT MANAGEMENT



Sectors and Services



Industrial

SEC can provide expertise in designing and planning industrial facilities and equipment, managing construction, and ensuring compliance with safety regulations for industrial engineering projects. They can also develop risk management strategies to identify potential hazards and ensure the safety of workers and the surrounding community



Residential

For residential engineering projects, SEC can provide expertise in designing and planning residential buildings, design of all MEP and BMS-related systems, managing construction, & ensuring compliance with safety regulations. They can also offer ongoing support & maintenance to the building's systems & operations, including HVAC & electrical systems. Additionally, SEC can develop risk management strategies to ensure the safety of the building's occupants



Commercial

SEC plays a crucial role in commercial engineering projects and oversee strategic planning, resource optimization, risk management, quality control, communication, budgeting, scheduling, and project closure. Through their expertise, SEC streamlines planning, efficiently manages resources, mitigates risks, ensures compliance with engineering standards, facilitates stakeholder communication, manages budgets, maintains schedules, and ensures on-time, within-budget project completion. SEC's multifaceted involvement guarantees efficient project execution while adhering to quality standards and meeting specified deadlines.

Project Management

Project Planning & Scheduling

Working with the client to establish project goals and objectives, develop a project schedule, and identify key milestones.

Project Reporting & Documentation

SEC will generate regular reports & maintain documentation to track the progress of the project & keep the client informed.

Subcontractor Management

SEC will hire and manage the contractors & subcontractors that will be working on the project, ensuring that they are qualified & properly licensed.

HSE Management

SEC will develop and implement safety procedures to ensure the safety of the work.

Commercial Management

Contract Management

Managing contracts with suppliers, contractors, and other stakeholders involved in the project, including negotiating terms and conditions, monitoring performance, and resolving any disputes that may arise.

Budget Management

Creating and managing the project budget, including tracking expenses and ensuring that the project stays within budget constraints.

Financial Analysis

Identify areas where costs can be reduced, revenues can be increased, or where there may be financial risks to the project.

Cash Flow Management

Manage the cash flow of the project, including ensuring that payments to suppliers and contractors are made on time and that there is adequate funding to cover project expenses.

Stakeholder Management

Work with a range of stakeholders, including investors, contractors, local authorities, and the community, to ensure that the project meets their needs and expectations.

Cost Estimating

Creating and managing cost estimates for the project, including developing pricing strategies for products and services.
Commercial Management

Risk Management

Identify potential risks to the project and develop strategies to mitigate or manage those risks.

Development Management

Feasibility Study

Assessing the project's potential for success by evaluating its technical, financial, operational, and economic feasibility.

Site Selection And Acquisition

Identifying potential sites for development, negotiating land purchases, and ensuring that the site is suitable for the project.

Design And Engineering

Oversee the design and engineering of a project, ensuring that the plans meet all legal and regulatory requirements and are feasible within the project's budget and timeline.

Project Planning

Creating and implementing project plans that outline the scope, budget, and timeline of a project.

Engineering Management

Design and Engineering

Oversee the design and engineering of a project, ensuring that the plans meet all legal & regulatory requirements & are feasible within the project's budget & timeline.

Quality Control And Assurance

Ensuring that the engineering work meets the quality standards required for the project & that any defects or issues are identified & resolved.

Stakeholder Management

Work with a range of stakeholders, including investors, contractors, local authorities, and the community, to ensure that the project meets their needs and expectations.



Sample projects

Egypt

Wastewater Treatment Plant Monitoring System, Abu-Rawash

Storage Facility Maintenance, 10th of Ramadan Food Complex

Automatic Weighing System for Rice and Beans Silos

Ramadan Food Complex Packing Plant Start-up

PLC Control System for Damietta Silo Extension

Start-up of Five Seeds Metallic Silos

Electrical Drawings for Damietta Port Mechanical Unloader

Ship Unloader Electrical Rehabilitation, Damietta Port

Electrical and Control System for FIPCO Rice Plant

Mechanical Unloader Fault Diagnostic, Damietta Silo

Poultry Feed Plant Design and Commissioning, Shemto

Rabbit Feed Plant Design and Commissioning, FIPCO

5000-ton Soybean Storage Silo and Handling System, Noubaria

Cattle Feed Plant Process Design, Zeina



MENA Region

United Arab Emirates

Process equipment design, MEP design, and tender document preparation for a 200,000-ton grain concrete silo at Mina Zaid port, UAE

Saudi

Design and tender preparation of two concrete storage silos of total capacity 120,000 tons - Jazan port - Saudi Arabia

Design And Tender Document Preparation For A Grain Terminal At Yanbu Port With 2 Ship - unloaders And a Grain Storage Facility Of 240,000 Tons Capacity Composed Of One Flat Store Of 60,000 Tons And 18 Metallic Silos Of 160,000 Tons (Process And MEP).

Qatar

Dust suppression system for the Sulphur silo in Ras Lafan - Qatar

Nabil- hybrid protein production facilities project (process and MEP) at Modo industrial city - 01 - Jeddah - Saudi Arabia

MEP for kl 4 new factory fit-out works project at Modon Oasis Jeddah, Saudi Arabia

Morocco

Rehabilitation and development of the computer and control system for Agadir 50,000 tons silo

MEP for MSCC workshops



MOHAMED M. F. SAKR, Ph.D
Business Consulting Director

Area of Expertise:

Automatic control, Renewable Energy, Instrumentation, Industrial process design, Power Systems, Computer applications in industry, Programmable logic Controllers PLC's, Handling equipment & storage silos, MEP Systems, Project Management

Professional Summary

Prof. Dr. Mohamed Sakr has over 45 years of working experience in the field of Industrial Automation & Control, Electrical Engineering, Storage & Handling equipment systems, Consultations and Turn-Key Project Management. His Experience encompasses Power, Water, Storage & Handling, Food & Beverages, Packaging, Metals, Minerals, Oil Extraction and MEP sectors, spanning from detailed technical engineering to overseeing turn-key projects delivery level. On Academic Level, He served as Chairman of Electrical Power and Machines Dept., Faculty of Engineering, Cairo University and continues to serve as a professor teaching undergraduate and postgraduate students.

Qualifications - Academic

Ph.D : Electrical Engineering, Cairo University, Egypt, 1983

B.Sc : Electrical Engineering, Cairo University, Egypt, 1976, with grade "Distinction" and first-class honors.

M.Sc : Electrical Engineering, Cairo University, Egypt, 1979.

Graduate studies : In control and power systems (Ph.D. level), Wuppertal University, West Germany, 1980-1982

Languages

Arabic (Native) | English | French | German

Sample Projects

- ✓ Commissioning & operation for the computerized monitoring system of the waste water treatment plant, abu-rawash site - egypt
- ✓ Design & development of a monitoring & discharge calculating system for the high dam, aswan 1 and aswan2 power stations - Aswan - Egypt
- ✓ Technical assistance for the maintenance of the storage facilities and handling equipment for the 10th of Ramadan food complex - 10th of Ramadan city - Egypt
- ✓ Development for an automatic weighing system for rice and beans silos, Egypt
- ✓ Commissioning and start-up for the 10th of Ramadan food complex of packing plants -Egypt
- ✓ Development & installation of a plc based control and monitoring system for the extension of Damietta silo - Damietta - Egypt
- ✓ Commissioning & startup of five seeds metallic silos storage plants in Noubaria (10 x 250 ton), south tahrir (10 x 250 ton), salhia 10 x 250 ton), fayoum (8 x 250 ton) and beny swef (8 x 250 ton), Egypt
- ✓ Preparation of the electrical drawings of the mechanical unloader in Damietta port, Egypt
- ✓ Electrical rehabilitation of ship unloader for general company for silos and storage in Damietta port, Egypt
- ✓ Design and manufacturing of the electrical & control system for the handling equipment of a 45000 tons flat store at Dekheila port - Alexandria
- ✓ Design and manufacturing of the electrical and control system for 350 tons/hr, fertilizer belt conveyor for Egyptian fertilizers co. EFC at Ain El-Sokhna - Suez



TAREK SAKR
Managing Director

Area of Expertise:

Project Management, Capital Project Audit & Review, Commercial Management, Service Management Business Development, Facilities & Asset Management, Strategic Planning, Operation Management, Testing & Commissioning, Project Controls, Business Process Design, Tendering & Procurement

Professional Summary

Projects, Service & Commercial Management, Capital Projects Audit & Review, Sustainability Development and Construction Sector Multidisciplinary Professional with 20+ Years of International Experience. Projects industry includes Real Estate, Retail, Infrastructure, Leisure & Entertainment, Hospitality, Master Development, Data Centers, Industrial Facilities, District Cooling Plants, Grain Handling, Substations and Solar Plants..

Qualifications - Academic

Executive Master of Business Administration:
HULT International Business School, UAE

B. Sc. in Electrical Power & Machines Engineering:
Cairo University, Egypt

Languages

Arabic (Native) | English | French

Sample Projects

✓ Leading global service resources/ activities for Solar PV and Hybrid solutions projects.

✓ Led, Monitored, and administrated the construction & consultancy contracts, in coordination with the delivery team to the broad projects portfolio for Dubai Holding:

- La Mer
- Mudon
- Dubai I
- Arabella
- Villanova
- City Walk
- Tira Towers
- Nikki Beach
- Cherrywood
- Amalfi Villas
- Valiant clinic
- Dubai Harbor
- Bulgari Resort
- Marsa Al Arab
- Legoland Hotel
- Pearl Jumeriah
- Bluewater Island
- Coca-Cola Arena
- Museum of the Future
- Madinat Jumeriah Living

✓ Developed, led and executed the technical audits on the Project & Asset Management divisions across the project's lifecycle, focusing on; project management, development, design, cost, budget, estimation, planning, tendering, procurement, contracts and asset management for following projects:

- La Mer
- AL Seef
- Six Flags
- City Walk
- The Beach
- Box Park
- Last Exit
- Kite Beach
- Coca-Cola Arena
- Harbor
- Dubai Water Canal
- Valiant ClinicDubai
- Outlet Village Mall
- Blue Water Development
- Jebal Ali Hills Infrastructure
- Nikki Beach Hotel & Resort
- Dubai Parks and Resorts

✓ Established, developed & managed EMEA projects management and service functions for projects in following sectors:

- Data Centers
- Hospitals
- Industrial
- Power plants
- Oil & Gas
- Residential
- Hotels



HOSSAM SAKR

Project Management Director

Area of Expertise:

Project Management,
Business Development,
Commercial Management,
Sales Management,
Proposal Management,
Pricing Management,
Costing Management,
Business Plans, Budgeting,
Financial Reports, Customer
Relationship Management
(CRM), Tendering &
Procurement, Logistics
Management, Inventory
Management, Pre-Sales
technical consulting, ERP
System Implementation,
Marketing Activities, Auto-
mation Solutions, Electrical
Designs, Commissioning
and Testing

Professional Summary

Professional Technical and Commercial manager with 14+ years of international experience in the field of automation and electrical power applications in Oil & Gas, Water and Industrial sectors. Led and managed sales and technical teams with a proven track record of successful projects delivery. Exceptional communication skills; communicating effectively with customers and suppliers and possessing strong business acumen.

Qualifications - Academic

Master of Business Administration in Investment:

Arab Academy for Science, Technology & Maritime Transport, Egypt

B. Sc. in Electrical Power & Machines Engineering:

Cairo University, Egypt

Languages

Arabic (Native) | English | French | Spanish

Sample Projects

✓ Project managing of planning, scheduling, procurement and execution activities of projects in water sector:

- Waste water treatment plant in Shobra Khalfoun, Egypt
- Madinaty smart water grid management project Phase 1

✓ Project managing of planning, scheduling, procurement and execution activities of projects in Industrial sector for:

- Nissan Motors Egypt
- Acrow Misr
- Oriental Weavers
- Beyti
- El Araby Group

✓ Leading automation solutions delivery, testing and commissioning for projects in Oil & Gas sector:

- Reficar, Cartagena, Colombia
- Bonga, Lagos, Nigeria
- Kashagan (Kco), United Kingdom, Italy and Kazakhstan
- Kittiwake Mp Operations, United Kingdom
- E-Styrenics, Alexandria, Egypt
- Ugdc Ngl, Damietta, Egypt
- Nlng Upgrade, Bonny Island, Nigeria
- Assil and Karam, Western Desert, Egypt

✓ Electrical Design, programming and tender preparation activities in grain handling sector:

- Fipco, 10th of Ramadan, Egypt
- Flat Store for Kapo, Egypt
- Flat Store for Egyptian Traders, Egypt
- Maisadour Seeds Plant, Ukraine



PROJECT MANAGEMENT



Thank You