

Diaaeldin Elgebaly

Summary

With solid experience 16+ years in the construction field in both consultation and supervision, I am currently working at SHAKER Consultancy Group (SCG) which is one of the most-leading MEP consultancy firms in MENA region and one of the top 225 classified consultancy firms all over the world as per ENR.

I was participating in the creation of this design group on 2008; and sharing the managerial efforts including imparting the team spirit within the entire group members, coach and develop group members, team evaluation, resource loading, design guidelines preparation, and training sessions for the group members.

Since 2012, I participated in the establishing of LEED consultancy firm named "Sustainable Solutions" which is under the same holding firm (SCG). My role is the LEED projects consultation, construction supervision, material and submittals approval, managerial part, offers and proposals preparation, and business development.

We are working and co-operating with local and international consultants for both roles MEP and LEED scope of works for different scale projects.

Formerly, I was working as a mechanical engineer at The Arab Contractors Company, which is one of the most leading construction companies in MENA region. My enrollment was technical office engineer and includes design, design review, shop drawing, as-built drawing, and construction supervision.

Education

- Bachelor of Engineering (Mechanical Power Engineering Department- Helwan University) - May 2006
- General Grade: Good
- Graduation Project:
"HVAC System Design for El-Shiekh Zayed Specialized Hospital"
- Graduation Project Grade: Excellent
- Graduation Year: 2006

Certificates

- PMI-PBA® Certified
- PMI-SP® Certified
- Google® PM Certificate
- PMI-ACP® Certified
- PMI-RMP® Certified
- PMP® Certified
- ASHRAE HFDP Certified
- LEED Green Associate






Memberships

- Egyptian Engineers Syndicate
- ASHRAE Membership
- PMI Membership
- Member of ASHRAE HFDP sub-committee
- Accredited Consultant by EES
- Accredited Consultant by SCE





Personal Data

Date of Birth : 10 December 1984
Place of Birth : Cairo, Egypt.
Religion : Muslim
Gender : Male
Nationality : Egyptian
Marital Status : Married
Military Status : Exempted
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Personal Skills

- Ability to coach, lead and direct design team

- Ability to work well under pressure.

- Eager to learn new tasks and learn new computer systems quickly.

- Strong interpersonal and analytical skills.

- Enjoy working in team and very persuasive character.


Computer Skills

- AutoCAD 2D (All editions)

- Hourly Analysis Program-HAP (All editions)

- Microsoft Office (Word, Excel, Power Point, Publisher, Project-all editions)

- Microsoft Windows (All editions)


Language

- Native Language: Arabic
- Good Command of both written and spoken English.

Professional Experience

Current Employment Mechanical Team Leader
Company SHAKER Consultancy Group
Period From May 2008 till now

Responsibilities

Leading a mechanical design team mostly specialized in healthcare facilities design (HVAC system)

- Lead, Manage, and Develop the team
- Follow-up the work flow process
- Resource loading and tasks assignment
- Design Guidelines Preparation and work process standardization
- Life Cycle Cost Analysis Studies
- Perform Technical Proposals
- Attend client meetings to represent the different proposal and provide the technical support for client decision.
- Prepare construction documents comprising drawings, technical specifications, and bill of quantities
- Value engineering reports
- Shop drawing and submittals' review and approval

Project Experience

A. Healthcare facilities:

1. SFMC Campus, Riyadh and Jeddah, KSA. (1700beds each and amenities-total BUA 1.8sq.m each campus)
2. Dr. Suliman Alhabib hospitals (Alkhobar, Jeddah-2 Hospitals, Riyadh -2 Hospitals, Al Kharj) KSA.
3. Extension of Wadi El-Neel General Hospital
4. King Saud Medical City KSMC-Tower 3, 480bed hospital. Riyadh, KSA
5. Kuwait Cancer Center-600bed
6. Egyptian Ministry of Health Hospitals (10 hospitals varying from 100bed capacity to 400bed capacity)
7. Al-Jaber Al-Sobaah Hospital (design Review)
8. Iraqi Ministry of Health Hospitals (three different hospitals; two general hospitals -100bed- and one teaching hospital with 400bed capacity)
9. Najaf 400bed Hospital
10. Samir Abbas Hospital, Jeddah-KSA
11. 57357 CCHE Extension (two administrative buildings, and two healthcare buildings)
12. Magdi Yaqoub Heart Centre, the outpatient and Lab research centre- Aswan, Egypt
13. Katamia International Hospital; Fifth Settlement - Cairo, Egypt.
14. Sky Medical Centre; Cairo, Egypt. (utility building and service tunnel only)

B. Other Applications:

15. Citadel Plaza-Mixed use Centre
16. Parking and Hotel of Wadi El-Neel Hospital
17. Mantrac CRC workshop; Takoradi, Ghana.
18. 6th of October University, the Extension of Medicine and Engineering Faculties- Cairo, Egypt
19. Design of HVAC Systems for the Renovation of Sharm ElShiekh Airport-Terminal 2

Training

1. VRF Selection and operation methodology
Location: CMidea Headquarter, Foushan. Guangzu, China
Time: October 2013
2. The Arab Contractors Company
Location: Shobra Branch (Internal combustion engines and CNC machines)
Time: From 3/7/2004 to 29/7/2004

Courses

2020ASHRAE Winter Conference, Orlando, Florida-USA:

1. Air-to-air Energy Recovery applications, Best practices
2. Laboratory Design, The basics and beyond
3. Designing and operating high-performing healthcare HVAC system
4. Principles of Building Commissioning
5. Air Sys. Design Fundamentals
Location: ASHRAE Cairo Chapter
Time: March 2008
6. Fire Fighting Fundamentals
Location: Subsidiary Engineers Syndicate- Cairo
Time: March 2008
7. Primavera v3.0
Location: The Arab Contractors Computer Center
Time: August 2007
8. Calculation of Heating & Cooling Loads
Location: ASHRAE Cairo Chapter
Time: May 2007
9. Operating and Maintenance of Pumps
Location: Technology Competency Center
Time: August 2006
10. AutoCAD 2D
Location: The Arab Contractors Computer Center
Time: September 2005
11. Cooling Load Estimation & equipment selection
Location: Faculty of Engineering, El-Mattaria – Helwan University
Time: August 2005

20. Qatar Foundation Education City, Research and Development Complex. Doha, Qatar
21. Design Review for Greater Cairo Metro, Line 4
22. University of Dammam, KSA
23. Emaar UPTOWN CAIRO –Village D –Azzura
24. Iraqia University Central Plant Security Border Camp, KSA

Second Employment

LEED Projects Coordinator

Company

Sustainable Solutions (member of SHAKER Consultancy Group)

Period

From January 2012 till now

Responsibilities

This enrollment is introduced beside the main task as mechanical engineer with a sister company as aforementioned. The Job responsibilities are as follows:

- Perform LEED assessment report
- Perform different proposals
- Perform feasibility study to assess which credits are feasible to be achieved
- LEED Credits uploading on LEED Online Project Directory
- Attend coordination meetings with consultants to ensure the implementation of LEED requirements in different design stages
- Attend site meetings with contractors to ensure the implementation of LEED requirements in construction stage

Project Experience

1. Mall of Egypt, LEED for Core and Shell v3 (scope for Design only). LEED Gold Certified
2. Almaza City Center, LEED for Core and Shell v3 (scope for Design and Construction). LEED Gold Certified
3. Zewail City for Science and Technology, LEED For New Construction v3 under Campus Program (scope for Design and Construction)
4. 57357 Children Cancer Hospital in Egypt – CCHE LEED for New Construction and (Healthcare v3 under Campus Program (scope for Design only)
5. El Araby New Head Quarter (New Cairo District) LEED for New Construction (scope for Design only)

Previous Employment

Mechanical Engineer

Company

The Arab Contractors

Period

From August 2006 till April 2008

Responsibilities

- Mechanical System design including; HVAC, Fire fighting, medical gases, compressed air and plumbing
- Shop drawing preparation for the aforementioned mechanical systems
- As-built drawings preparation for the aforementioned mechanical systems
- Execution supervision

Project Experience

1. Esna lock Project
2. Development of presidency information center (Abddin and Kobba Palaces)
3. Cleopatra Plaza
4. Helwan military factory
5. Conference hall – Helwan University
6. Road ElFarag Mall
7. Relocation of Military Production Factories (27 & 45)
8. ElMarg Potable Water treatment station