


Tharwat Ali Sakr, Ph.D., PMP.

Resume

<p>PERSONAL</p>	<p>Address: Dept. of Structural Engineering, Zagazig University, Zagazig, Egypt, 44519,</p> <p>Tel. ☎: +20 11 1191 4504 +20 2 2106 1586 +971 52 806 9534</p> <p>Email, ✉: thsakr@gmail.com sakr@sakr.org</p> <p>Website : Sakr.org</p> <p>Nationality: Egyptian</p> <p>Current Position <input type="checkbox"/> Professor, Structural Engineering, Zagazig University <input type="checkbox"/> Structural Design Consultant, Talaat Mostafa Group (TMG)</p>	
<p>EDUCATION</p>	<ul style="list-style-type: none"> ▶ B.Sc. Civil Engineering in Construction (Civil), Zagazig University, 1985 ▶ M. Sc. in Structural Design, Zagazig University, 1991. <i>Thesis "Lateral Analysis of Non Collinear Coupled Shear Walls"</i> ▶ Ph. D. in Structural Engineering, Zagazig University 1997, <i>Thesis "Knowledge Based System for Seismic Risk Assessment of Structures"</i> 	
<p>PROFESSIONAL AFFILIATION</p>	<ul style="list-style-type: none"> ▶ Member of The Egyptian Engineers Syndicate ▶ UAE. Society of Engineers Member ▶ Saudi Council of Engineers Member ▶ Approved by DUBAI Municipality as structural engineer, Unlimited Height. ▶ Accredited by JAFZA (Tarakhees) as Structural Engineer ▶ Consultant, Design of R. C. Structures (Egyptian Engineers Syndicate) ▶ Member, Project Management Institute (PMI), Certified PMP 	
<p>EXPERIENCE</p> <p>Design & Design Management</p>	<p>3B + G+3 Capital Care, Eye of the World, New Capital, Egypt, 2021. Architect/ Consultant: Water Engineering & Environmental Consultations. Role: Design management and revision</p> <ul style="list-style-type: none"> ▪ Full structural modeling, design, detailing and coordination, Authority discussions and approval <p>B + G+2 SIS, BCCIS international schools (20,000 m² land area), Owest, Sixth October City (Cairo for Investment & Real Estate Development. CIRA), Egypt, 2021. Architect/ Consultant: Signature Engineering Consultant. Role: Design management, leading, and Revision Full structural modeling, design, detailing and coordination, Authority discussions</p> <p>UG-Tank + G +2P + 8 Typ. + Roof + Pool + T. Roof, MERAAS ESTATES Building, Dubai, 2018. Architect/ Consultant: Archdome Engineering consultants. Role: Senior structural Engineer, Archdome Engineering consultants</p> <ul style="list-style-type: none"> ▪ Full structural modeling, design, detailing and coordination ▪ Municipality submission, discussion and approval <p>AJDAN walk (Luxury B+ G+ one retail village) located in AL-Khobar, KSA, 2016. Architect/ Consultant: Benoy International, London - Mott-McDonalds, Bahrain. Role: Developer Head of structure department</p> <ul style="list-style-type: none"> ▪ Evaluation of Consultant Proposals, ▪ Follow up, discussions and design progress ▪ design review of the structural design and leading Value Engineering sessions 	

AJDAN Rise (B + G + 3P + 6 Mid-Rise + 27 Typical) AL-Khobar, KSA, 2015.

Consultant: NORR international, Dubai

Role: Developer Head of structure department

- Evaluation of Consultant Proposals,
- Follow up, discussions and design progress
- design review of the structural design and leading Value Engineering sessions

AJDAN Water Front Project composing of two towers (2B+5Podium+6 towers 26 Floor each) AL-Khobar, KSA, 2013 (Proposal)

Architect: Arabian Architects

Role: Developer Head of structure department (in house structural design)

- full modeling of the complex
- Design of pile foundation of Phase I.
- Tender document issuing as fast track phase
- Tender evaluation, negotiation and selection of contractor (HSSG)

Military Housing Project, Najran, KSA. 2012

Owner: General Directorate of Military Works, Kingdom of Saudi Arabia

Role: Contractor-assigned consultant

- Revision of structural design
- Value Engineering and design changes proposal.

Design, Revision and evaluation of Saudi Arabia RC Bridges 2011-2012

Consultant: Badr Consulting and Retrofitting

Contractor: **Al-Ayuni** Company, Kingdom of Saudi Arabia

Role: Third Party Consultant

- Assessment, Checking and Redesign of Bridge No. 05 at Station 53-084.471 Project
- Dualization of Al-Baha Mikhawa-Mudalief Road
- Inspection of Wadi Laya Bridge, Group No.05 Road No.2 Al Gulf Road including the analysis, Assessment and Checking the design.

Al Emarah 60-Story building, Ajman, UAE, 2011.

Consultant: AAYAN Engineering, UAE

Role: Third Party Consultant

- Development of full structural model
- Upgrading of the existing raft on piles
- Redesign of structural elements

Nasamat AL-Ryadh Project, Kingdom of Saudi Arabia, 2010Owner: **TMG** Group

Role: Third Party Consultant

- Value Engineering, checking and redesign of Apartment and Villa buildings

Several projects in Dubai, 2006-2009 among them:

- **B+G+16+R, 150 Million UAD.** ATLANTIS Management Accommodation Building at Jumairah Village for ISTITHMAR.
- **B+G+16+R, 200 Million UAD.** ATLANTIS Staff Accommodation Building at Jumairah Village for ISTITHMAR.
- **2B+G+20 stories 500 Million UAD.** Hotel and office Buildings for Dubai Customs at Port Rashed, Dubai.
- **B+G+3P+19+R al BAREEQ** building at Dubai business bay

Consultant: Bel-Yohah Engineering Consultants, UAE

Role: Senior Structural Engineer

- Full Design including modelling, analysis, design and detailing
- Authority submission and discussions up to permit

- Other disciplines design and site coordination

B+G+24 Stories, Al-Rashdan Tower, Dubai Marina, 2006

Consultant: KEO international

Role: Contractor Tech. office coordinator

- Coordination of architectural-MEP-Structural works
- Shop drawing and Technical office support

Several projects in Dubai and Sharjah, 2005 among them:

- 43 stories building, SHARJAH
- The Sheikh Zayed Twin Tower MUT (2B+G+1Mezz+51+4Mech) Dubai.
- The Palm Resort at Al Fujairah
- 33 stories Al Remethy building, Sharjah UAE
- The T1 Jumairah Lake Towers project (4B+G+34+1Mech+Roof) Dubai

Consultant: Dimensions Engineering Consultants, UAE

Role: Head of Structural Department

- Full design and coordination
- Authority submission, discussions and permit .

Rehabilitation of the 12 story Nile Hotel 2004-2005

Owner: TMG Group

Role: Contractor technical support

- Technical support member in the project of including the repair works of various types
- Rising the building and adding swimming Pool above (2004-2005).
- Works includes the addition of micro-piles in the foundations, demolition of old parts, performing concrete and Fiber Carbon Jackets, and construction of steel hall building

AL REHAB City, New Cairo, Egypt, 1997-2005

Owner: TMG Group

Role: Contractor technical support

- Revision of design and value engineering
- Redesign of some building types
- Repair of the anticipated problems arising during construction and Design of site erections.