



Dr.-Ing. Moataz A.M. Farag

BSc., M.Sc., Ph.D.

Assistant Professor of Project Management

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- Waste Management Projects
- Construction Projects
- Structures Retrofitting and repair projects

PERSONAL INFORMATION

Date of Birth	19 th , August, 1977.	Nationality	Egyptian
Passport	Valid until March 2020	Driving license	OK

Language	Reading	Speaking	Writing
Arabic	Mother tongue		
English	Fluent	Very Good	Fluent
German	Very good	Good	Very good

ACADEMIC QUALIFICATIONS

Degree(s) / Diploma(s) obtained	Institution	Date
Ph.D. Fellowship, Project Management	Institute fuer Baubetriebslehre (IBL), Universität Stuttgart, Stuttgart, Germany.	2013-2014
Ph.D., Project Management / Lean Management	Institute für Technologie und Management in Baubetrieb (TMB) Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany	2006-2010
M.Sc., Construction Project Management	Minia University, Egypt	2000-2005
B.Sc., Civil Engineering	Minia University, Egypt	1994-1999

QUALIFICATION

Program(s) / courses(s) & Certificates	Institution	Date
Business Administration	KIT, Germany.	2008
Service Operation Management	KIT, Germany	2008
Ergonomics	KIT, Germany	2009
Industrial Engineering	KIT, Germany	2010
Training and Practice on Modern Construction Management	Tokoyo/Osaka, Japan	2009
Training of Facilitators (ToF) / Entrepreneurship Programme	ILO, EGYPT	2011

LIST OF PUBLICATIONS

1. Farag, M. (2008), "**Egyptian Highway Construction Projects in Need of Lean**", Presentation in the International Conference of European Group of Lean Construction, 28th – 29th May, Karlsruhe, Germany.
2. Farag, M., Gehbauer, F. (2008). "**Scheduling Method with Lean Tools for Highway Construction Project Improvement.**" Summer school of IGLC-16: Sixteenth annual conference of the international group for Lean Construction, Manchester, UK.
3. AbdEl-lateef, T., Elsayah, H., Mahmoud, A., and Farag, M. (2008), "**Using Fuzzy for Assessment Delay in Highway Construction Projects in Egypt**", Journal of Al-Azhar University Engineering, Vol. 3(10).
4. Farag, M., Gehbauer, F. (2008), "**Egyptian Highway Construction Projects in Need of Lean Management**", Journal of Al-Azhar University Engineering, Vol. 3(10), pp. 483-491
5. Farag, M., Gehbauer, F., and Bhatla, A. (2010). "**An Integration of a Buffering Assessment Model Based on Fuzzy Logic with LPS[®] for Improving Highway Construction Process.**" Proceeding IGLC-18: Seventeenth annual conference of the international group for Lean Construction.
6. Farag, M. (2010). "**An Integration of a Buffering Assessment Model Using Fuzzy Logic with Lean Management for Improving Highway Construction Process.**" Doctor thesis, Published in: The Electronic full-text archive-Scientific Articles Repository (EVA STAR), the digital library of Karlsruhe Institute for Technology (KIT), Germany: <http://digbib.ubka.uni-karlsruhe.de/volltexte/1000018372>
7. Farag, M.(2010) "**Towards Optimization of BDM in Lean Construction: Integration of FLBM with Lps.**" Seventh Alexandria International Conference on Structural and Geotechnical Engineering (AICSGE7), Alexandria, Egypt.
8. Ahmad, SA., Issa, UH., Farag, MA., and Abdelhafez, L. M. (2013). "**Evaluation of Risk Factors Affecting Time and Cost of Construction Projects In Yemen** " International Journal of Management IJM, 4(5).
9. Farag, M. A. M. (2014). "**A Bridge between Increasing Reliability and Reducing Variability in Construction Work Flow: A Fuzzy-Based Sizing Buffer Model.**" Journal of Advanced Management Science JOAMS, 2(4).
10. Farag, M. A. M. (2015). "**Value Generation and Assessment model (VGA) for Construction Projects**" Journal of Advanced Management Science JOAMS, 3(3)
11. Issa, U. H., M. A. Farag, et al. (2015). "**A Risk Allocation Model for Construction Projects in Yemen.**" Journal Of Civil and Environmental Research 7(3).

REVIEWING AND REFEREEING LIST

- [2018] *Proposed Management System of Marine Works Based On BIM Approach.* Journal of Engineering and Applied Science.
- [2017] *Exploring The Situation Of Crises Management In The Egyptian Construction Industry.* Journal of Engineering and Applied Science.
- [2013] *Learning from Constraints: Towards increased Schedule Reliability in Onsite Production.* Journal of Construction Management and Economics (CME).
- [2011a] *Factors That Affect Project Time and Cost Performance During Highway Construction Using Incentive/Disincentive Provisions.* Journal of Construction Management and Economics (CME), 2011a.
- [2011b] *In-Process Planning Routine: The Application of LPS in Support Areas.* Proceeding IGLC-19: Nineteenth Annual Conference of the International Group for Lean Construction, Lima, Peru, 2011b.
- [2011c] *Introducing Lean into the Highways Agency's Supply Chain.* Proceeding of the Institution of Civil Engineering (ICE), 2011c.
- [ALARCÓN et al. 2011] Alarcón, L. F., and Acuña, D.: *Using Empirical Data to Identify Effective Safety Management Strategies in Chilean Construction Firms.* Proceeding IGLC-19: Nineteenth Annual Conference of the International Group for Lean Construction, Lima, Peru, 2011.
- [KALA et al. 2010] Kala, T., Seppänen, O., and Stein, C.: *Case Study of Using an Integrated 5d System in a Large Hospital Construction Project.* Proceeding IGLC-18: Seventeenth annual conference of the international group for lean construction, pp. 497-505, 2010.
- [MARTINS et al. 2011] Martins, J. R., and Cachadinha, N.: *Evaluating the Potential Benefits and Challenges of Lc Adoption in the Portuguese Construction Industry: The Owner and Designer's Perspective.* Proceeding

IGLC-19: Nineteenth Annual Conference of the International Group for Lean Construction, Lima, Peru, 2011.
 [VIANA et al. 2010] Viana, D. D., Mota, B., Formoso, C. T., Echeveste, M., Peixoto, M., and Rodrigues, C. L.: *A Survey on the Last Planner System: Impacts and Difficulties for Implementation in Brazilian Companies*. Proceeding IGLC-18: Eighteenth Annual Conference of The International Group for Lean Construction, pp. 497-505, 2010.

INTERNATIONAL / NATIONAL - BASED EXPERIENCES

Int. Clients whom working for:	MOCCE (UAE), SAFCO (KSA), BE'AH (OMAN), ELSEWEDY SERVICES (EGY), Electricity co. MoHP, and MoE (EGY), OPWP (OMAN)
Int. Consultants whom working with:	Tetra Tech (US), COWI (Belgium), BC-berlin (Germany), CSD-engineer (Switzerland), KEO, Chemonics International (US), Chemonics Egypt (EGY), AIMANARA (OMAN), ACE-Moharam-Bakhoum (EGY), Gulf-Arch (KSA), Consultative Unit at Minia University (EGY)
Donors whom working through:	KFW, GIZ, EU, UNDP, SECO, and GEF.
Countries of work experience:	Egypt, UAE, Oman, and KSA

PROJECT MANAGEMENT – RELATED PROFESSIONAL EXPERIENCE:

The project listed below according to the categories of projects (i.e Environmental, Construction, repair,..etc.)

1- ENVIRONMENT-RELATED PROJECT

Reference to prior work/assignments that best illustrates capability to handle the assigned tasks

Name of assignment or project:

MEDICAL AND ELECTRONIC WASTE MANAGEMENT PROJECT, PHASE II: CONSULTANCY SERVICES FOR DEVELOPING HEALTHCARE WASTE MANAGEMENT POLICY, PLAN AND GUIDELINES FOR THE PROJECT MODEL HEALTHCARE FACILITIES AND A SPECIALIZED TRAINING PROGRAM

Year: April 2018 – Ongoing

Location: EGYPT

Client: Egyptian ministry of the Environment, project funded by the **UNDP/GEF**

Main project features: The goal of this project is to protect human health and the environment from: (1) the unintentional releases of Persistent Organic Pollutants (POPs) generated from incineration and open-air burning of healthcare waste (HCW) and electronic waste (EW), and (2) the hazardous release of mercury due to inappropriate management of the disposal and/or recycling of HCW and EW. Therefore, this phase is mainly for developing HCWM policy, plan and guidelines/procedures for Healthcare facilities, improving the current bad practices of segregation of HCW by providing a training of trainers on 25 training modules developed by GEF and staff as well.

Positions held: **HEALTHCARE WASTE PROJECT MANAGEMENT CONSULTANT**

Activities performed:

- Quality Assurance/ Quality Control
- Planning and progress control
- Coordination with project stakeholders
- Logistical arrangements necessary for the project
- Training of Trainers

Name of assignment or project:

CONSULTANCY SERVICE TO CONDUCT A FEASIBILITY STUDY OF THE PORT SAID WASTE MANAGEMENT PROJECT

Year: January 2018 – Ongoing

Location: EGYPT

Client: Port Authority Port Said and ELSEWEDY SERVICES

Main project features: The goal of this project is to establish a partnership between both above parties for advancing the services for the whole utilities in the port said, and particularly the waste management, sweeping and cleaning services in the port.

Positions held: PROJECT MANAGER

Activities performed:

- Supervising data collection teams
 - Supervising the technical assessment studies
 - Supervising the Financial Assessment studies
 - Preparation of the model service agreements between proposed parties
 - Communication between project stakeholders
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Name of assignment or project:

CONSULTANCY SERVICE TO CONDUCT A BASELINE ASSESSMENT FOR THE PROJECT MODEL HEALTHCARE FACILITIES

Year: October 2017 – February 2018

Location: EGYPT

Client: Egyptian ministry of the Environment, project funded by the UNDP/GEF

Main project features: The goal of this project is to protect human health and the environment from: (1) the unintentional releases of Persistent Organic Pollutants (POPs) generated from incineration and open-air burning of healthcare waste (HCW) and electronic waste (EW), and (2) the hazardous release of mercury due to inappropriate management of the disposal and/or recycling of HCW and EW.

Positions held: HEALTHCARE WASTE MANAGEMENT CONSULTANT

Activities performed:

- Supervising data collection teams
 - Supervising survey activities done on hazardous waste from hospitals
 - Participated in data analysis concerning medical waste in hospitals
 - Conducting healthcare technical studies based on analysed data
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Reference to prior work/assignments that best illustrates capability to handle the assigned tasks

Name of assignment or project:

HEALTHCARE HAZARDOUS WASTE MANAGEMENT PROJECT SYSTEM IN DAKAHALEYA GOVERNORATE

Year: February 2017 - Ongoing

Location: EGYPT

Client: Secretariat for Economic Affairs (SECO) - Swiss Fund

Main project features: The Project overall objective is to provide the health facility staff and the population of Dakhaleya Governorate with an efficiently and sustainably functioning hazardous healthcare waste management system. The Project shall act as a model case (fully or partly, according to local conditions) for upgrading similar systems in other Egyptian governorates. Under this overall objective, there are ten following specific objectives (outputs) grouped under three outcomes at the following levels: I. Provision of Infrastructure; II. Institutional Strengthening; III Policy Dialogue.

Positions held: **PROJECT COORDINATOR**

Activities performed:

- Project Stakeholders Coordination;
 - Participate in the technical assessment
 - Participate in Financial assessment of the feasibility study
 - Participate in the regulatory and legal framework assessment
 - Risk and opportunities assessment.
 - Participate in the development of the updated feasibility study report
 - Participate in Procurement Process
 - Participate in the institutional and Financial Assessment.
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Reference to prior work/assignments that best illustrates capability to handle the assigned tasks

Name of assignment or project:

NATIONAL SOLID WASTE MANAGEMENT PROGRAM (NSWMP) IN EGYPT

Year: 2016 – Ongoing

Location: EGYPT

Client: Waste Management regulatory Agency – Ministry of State for Environmental Affairs / KFW fund

Positions held: **DEPUTY PROJECT MANAGEMENT CONSULTANT**

Activities performed: Planning and Control for the following:

- Scheduling and WBS using Primavera
- Establishment of Solid Waste Management Infrastructure
- Re-Organization of the Egyptian Solid Waste Management Units at the Governmental Level
- Provision of the Engineering Services Solid Waste Management program
- Procurement and execution of the Project
- Developing a full tender documents package for the Client
- Contractual Formation of the Project Delivery Method
- Project Update, Monitoring and Control
- Risk Management and Contingency plan

Name of assignment or project:

INTEGRATED SOLID WASTE MANAGEMENT PROGRAM (ISWMP) IN (UMM AL QUWAIN), UAE

Client: MOCCE

Year: 2015- Ongoing

Location: UAE

Main project features:

The project overall objective is to develop an integrated waste management system at UMALQUEEN, UAE through two phases. In the first phase, a treatment facility for the mechanical sorting, composting and RDF production of municipal waste is developed, whereas the second phase of the project is planned for the construction of one WTE (Waste to Energy) incineration plant for the generation of electricity. Depending on the outcome of the phase-1 and phase-2 projects, further construction and development of additional waste treatment facilities shall be planned. The project will be allocated for an area of 400,000 m².

Position held: **PROJECT MANAGEMENT CONSULTANT**

Activities performed:

- Planning and Control for the following:
 - The Whole Project Life cycle
 - Scheduling and WBS using MS Project
 - Managing the development of the Technical tender documents package for the Client
 - Project Update, Monitoring and Control
 - Bids Evaluation for well-known International companies
 - Development of Tender documents
- Participate in bidder contract negotiation

Reference to prior work/assignments that best illustrates capability to handle the assigned tasks

Name of assignment or project:

ENGINEERING, PROCUREMENT, AND CONSTRUCTION OF PHASE 2 OF THE INDUSTRIAL WASTE HANDLING AND TREATMENT FACILITY IN SOHAR, OMAN (T/01/2015)

Year: 2015

Location: OMAN

Client: BE'AH

Main project features: Tendering for a project with the objective to setup the Industrial Waste Handling and Treatment Facility (IWHTF) in Sohar Free Zone for around 1.47 mill ton of industrial waste annually generated. The proposed site area for the Industrial Waste Handling and Treatment Facility comprises 240 ha. The project consists of three types of cells with different capacities; Unlined Slag Cell – 10,100,000m³; Lined Slag Cell – 5,400,000m³; and Industrial Waste Landfill Cell – 3,000,000m³. **Positions held:** Senior Solid Waste Sector Specialist.

Position held : TECHNICAL OFFICE AND TENDER MANAGER

Activities performed:

- Technical Study and Analysis of all tender documents
- Contract development and review
- Coordination for all tendering stakeholders
- Conceptual Design Review
- Development and Management of the Technical Proposal
- Schedule of Prices for bidding

Name of assignment or project:

ENGINEERING, PROCUREMENT, AND CONSTRUCTION OF A SANITARY ENGINEERED LANDFILL, KHASAB, OMAN (T/28/2014)

Year: 2014

Location: Oman

Client: BE'AH

Main project features:

Engineering, Procurement and construction of a sanitary engineered landfill in Khasab, Oman. The project scope is to provide a well rational-based design for the locations of the required site infrastructure which includes the proposed landfill and leachate lagoon areas to provide sufficient void space and leachate management for the 20 year design life of the landfill, respectively, with an initial cell footprint of 60,000m²

Positions held: TECHNICAL OFFICE AND TENDER MANAGER

Reference to prior work/assignments that best illustrates capability to handle the assigned tasks

Name of assignment or project:

ENGINEERING, PROCUREMENT, AND CONSTRUCTION OF AN SANITARY ENGINEERED LANDFILL, THUMRAYT ,SALALAH, OMAN

Year: 2014-2016

Location: OMAN

Client: BE'AH

Main project features: The project objective is to design, procure and construct an engineered sanitary landfill project. The project consists of a lined cell of the engineered sanitary landfill with an area of around 40000 m2 footprint. Besides all required ancillary premises for the operation.

Positions held: **DEPUTY PROJECT MANAGER**

Activities performed:

- Improving process performance
 - Planning and production control.
 - Optimization of construction processes.
 - Documentations Quality Assurance and Control
 - Optimization of the coordination/communications between the project stakeholders
 - Claims and Variations preparedness
 - Tendering Technical proposals
 - Contracting Review
 - Quality assurance for all Landfill engineering works
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2- CONSTRUCTION, RETROFITTING & REPAIR-RELATED PROJECTS

Reference to prior work/assignments that best illustrates capability to handle the assigned tasks

Name of assignment or project:

CONSULTANCY AND MANAGEMENT SERVICES FOR REPAIR AND RETROFITTING NEW ASSUIT TRANSFER PLANT PROJECT

Year: February 2016 – Ongoing

Location: Egypt

Client: Ministry of Electricity and Energy (MOEE)

Main project features: The goal of this project is to provide a detailed technical assessment and solution for the problems experiencing the new Assuit transfer plant due to the movement of the expansive soil under the buildings located in the plant area.

Positions held: PROJECT MANAGEMENT CONSULTANT (PMC)

Activities performed:

- Supervising data collection teams
- Participation in the technical assessment studies
- Participation in the Financial Assessment studies
- Contract Specialist
- Communication between project stakeholders
- Tendering and Evaluation
- Document control
- QA/QC
- Work progress supervision
- Time planning and control

Name of assignment or project:

CONSULTANCY AND MANAGEMENT SERVICES FOR CONSTRUCTION OF THE OBSTETRICS & GYNAECOLOGY HOSPITAL (OGH)

Year: January 2018 – Ongoing

Location: Egypt

Client: Ministry of Higher Education, Minia University

Main project features: The goal of this project is to provide a detailed architectural, electromechanical and structural design of the new extension buildings of the OGH including all technical consultancies, supervision and management services throughout the project lifecycle.

Positions held: PROJECT MANAGEMENT CONSULTANT (PMC)

Activities performed:

- Provision of complete Structural Design
- Coordination among project stakeholders in the design and construction phases
- Documents QA/QC
- Contract Specialist
- Construction QA/QC
- Work progress supervision
- Scheduling and Cost control

Reference to prior work/assignments that best illustrates capability to handle the assigned tasks

Name of assignment or project:

CONSULTANCY AND MANAGEMENT SERVICES FOR CONSTRUCTION OF THE VETERINARY FACULTY HALL BUILDING

Year: January 2017 – Ongoing

Location: Egypt

Client: Ministry of Higher Education, Minia University

Main project features: The goal of this project is to provide all required technical consultancies, supervision and management services throughout the project lifecycle of the construction of the veterinary hall building to (600 students capacity). The building is constructed on an area of around 1000 m², consisting of 4 large class halls (150 student's capacity of each). The structural system of the building is mainly based on set of multi-story rigid RC frames.

Positions held: PROJECT MANAGEMENT CONSULTANT (PMC)

Activities performed:

- Structural Design reviewer and approval
- Coordination among project stakeholders in the design and construction phases
- Documents QA/QC
- Contract Specialist
- Construction QA/QC
- Work progress supervision
- Scheduling and Cost control

Name of assignment or project:

CONSULTANCY AND MANAGEMENT SERVICES FOR CONSTRUCTION OF THE FACULTY OF AGRICULTURE NEW BUILDING

Year: 2016 – Ongoing

Location: Egypt

Client: Ministry of Higher Education, Minia University

Main project features: The goal of this project is to provide all required technical consultancies, supervision and management services throughout the project lifecycle of the construction of the new building for the faculty of agriculture. The building is constructed on an area of around 6000 m².

Positions held: PROJECT MANAGEMENT CONSULTANT (PMC)

Activities performed:

- Structural Design reviewer and approval
 - Coordination among project stakeholders in the design and construction phases
 - Documents QA/QC
 - Contract Specialist
 - Construction QA/QC
 - Work progress supervision
 - Scheduling and Cost control
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Reference to prior work/assignments that best illustrates capability to handle the assigned tasks

Name of assignment or project:

CONSULTANCY AND MANAGEMENT SERVICES FOR RETROFITTING AND REPAIR OF PROBLEMATIC SCHOOLS, THE NATIONAL PROJECT OF THE MAINTENANCE & IMPROVEMENT OF THE EGYPTIAN GOVERNMENTAL SCHOOLS.

Year: 2016 – Ongoing

Location: Egypt

Client: Ministry of Housing

Main project features: The goal of this project is to provide all required technical consultancies for technical assessment of the existing status and the structural problems of 254 schools in Minya governorate.

Positions held: **PROJECT MANAGEMENT CONSULTANT (PMC)**

Activities performed:

- Curriculum technical assessment and in depth analysis of the Engineering problems.
- Problem-solved technical Report
- Schedule of Prices
- Bill of Quantities

Name of assignment or project:

CONSULTANCY SERVICES FOR THE NATIONAL HOUSING PROJECT: THE NEEDIEST BUILDINGS

Year: 2012 – 2016

Location: Egypt

Client: Ministry of Housing and Urban Communities

Main project features: The goal of this project is to provide all required technical consultancies and advisory services for the MoH to inspect constructed buildings for the neediest people (around 30 Buildings) and to ascertain the extent of conformity of the buildings and their various elements to all engineering works of specifications and related engineering drawings.

Positions held: **TECHNICAL CONSULTANCY COMMITTEE' MEMBER**

Activities performed:

- Buildings Inspection and reanalysis
 - Issuance a Structural Safety Certificate
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Name of assignment or project:

CONSULTANCY SERVICES FOR REPAIR AND RETROFITTING OF BENI-MAZZAR CENTRAL HOSPITAL

Year: Septemeber 2011 – December 2011

Location: Egypt

Client: Ministry of Health and Population (MoHP)

Main project features: The goal of this project is to provide a detailed technical assessment and solution for the problems experiencing the Beni-Mazzar Central Hospital Building. The building consists of Ground and three upper floors. Additionally, the building was suffering from a considerable spread out of corrosion in reinforcement embedded steel in the almost RC elements.

Positions held: TECHNICAL CONSULTANCY COMMITTEE' MEMBER

Activities performed:

- Supervising data collection teams
- Participation in the technical assessment studies
- Participation in the Financial Assessment studies
- Document control
- The Final Technical Report
- The BoQ

Name of assignment or project:

CONSULTANCY AND MANAGEMENT SERVICES FOR CONSTRUCTION OF THE FACULTY OF EDUCATION EARLY CHILDHOOD BUILDING

Year: 2014 – 2017

Location: Egypt

Client: Ministry of Higher Education, Minia University

Main project features: The goal of this project is to provide all required technical consultancies, supervision and management services throughout the project lifecycle of the construction of the new building for the faculty of Education Early Childhood Building. The building is constructed on an area of around 2000 m². It is mainly for large classrooms (halls). The building structure forms of RC elements and Steel trusses system to cover the top level of building.

Positions held: PROJECT MANAGEMENT CONSULTANT (PMC)

Activities performed:

- Structural Design reviewer and approval
 - Coordination among project stakeholders in the design and construction phases
 - Documents QA/QC
 - Contract Specialist
 - Construction QA/QC
 - Work progress supervision
 - Scheduling and Cost control
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Reference to prior work/assignments that best illustrates capability to handle the assigned tasks

Name of assignment or project:

CONSULTANCY AND MANAGEMENT SERVICES FOR CONSTRUCTION OF THE FACULTY OF SPECIFIC NEW BUILDING

Year: 2013 – 2016

Location: Egypt

Client: Ministry of Higher Education, Minia University

Main project features: The goal of this project is to provide all required technical consultancies, supervision and management services throughout the project lifecycle of the construction of the new building for the faculty of Specific Education Early Childhood Building. The building is constructed on an area of around 2000 m². The building structure forms of RC elements system, and consists of ground and four upper floors.

Positions held: PROJECT MANAGEMENT CONSULTANT (PMC)

Activities performed:

- Structural Design reviewer and approval
- Coordination among project stakeholders in the design and construction phases
- Documents QA/QC
- Contract Specialist
- Construction QA/QC
- Work progress supervision
- Scheduling and Cost control

3- STRUCTURAL ANALYSIS AND DESIGN PROJECTS

Reference to prior work/assignments that best illustrates capability to handle the assigned tasks

Name of assignment or project:

STRUCTURAL ANALYSIS, DESIGN & DETAILED DRAWINGS FOR THE FOLLOWING PROJECTS:

1. ROYAL-CERAMIC & PORCELEN FACTORY GATES.
2. MEREOROLOGY AUTHORITY, CENTRAL LABORATORY, QATAR, DOHA " USING BS8110-1997 CODE".
3. FAMILY COURT, HELWAN, CAIRO, EGYPT.
4. FEED MILL FACTORY (FIVE STARS)- ALADABIA- SUEZ.
5. BELAAS COURT.
6. QOTOUR COURT – WATER TANK UNIT.
7. INTERNATIONAL COMMERCIAL CENTER [ICC]-DANDY MALL, KILO 28TH CAIRO-ALEX DESERT ROAD. CAIRO.
8. EL TAHRIR GARAGE, CAIRO, EGYPT.
9. PREPARING AND PACKING TOBACCO FACTORY, "EASTERN COMPANY

Year: 2004 – 2007

Location: Egypt

Consultant: Moharram-Bakhoum (ACE Consultant)

Positions held: SENIOR DESIGN ENGINEER

Name of assignment or project:

STRUCTURAL ANALYSIS, DESIGN & DETAILED DRAWINGS FOR THE FOLLOWING PROJECTS:

1. BAHRAIN BUSSNESS BARK [2-TOWERS 30 FLOORS], BAHRAIN

2. SAFCO, SUADI ARABIA FERTILIZATION COMPANY, K.S.A

- SUBSTATION I UNIT
- SUBSTATION II UNIT
- ENGINEERING BUILDING.
- ANALYZER I, & II
- FIRE EQUIPMENT " STEEL STRUCTURE"

Year: 2004 – 2006

Location: Egypt

Consultant: GULF ARCH. CONSULTING OFFICE

Positions held: **SENIOR DESIGN ENGINEER**

Name of assignment or project:

STRUCTURAL ANALYSIS, DESIGN & DETAILED DRAWINGS FOR THE FOLLOWING PROJECTS:

1. STEEL STRUCTURES

- a. GAMES HALL COVER BY TRUSS SYSTEM
- b. PLANES MAINTENANCE WORKSHOP'S GATES OF HEIGHT 16MS. EACH. "MILITARY FACILITY"
- c. FEED MILL FACTORY WITH HEIGHT 22M.
- d. BUILDING MATERIAL FACTORY.
- e. PAPER FACTORY STORAGE, BENI-SUEF, EGYPT
- f. STEEL FRAME, STEEL STRUCTURE – QATAR- DOHA. AREA COVERING [48x80M.].
- g. ALOTHAIM DAMMAM MALL, STEEL STRUCTURES, CANTILEVER TRUSS WITH SPAN ABOUT 20.0 M. KSA.

2. RC STRUCTURES

- a. RESIDENTIAL BUILDINGS IN NEW MENIA CITY, ~ 50 BUILDINGS
- b. COMMERCIAL AND HOTELS UPGRADING, MARINA-SHARM HOTELS. FOLLOWING TO [AFCO. ARAB FRENCH CONSULTANT'S OFFICE],
- c. FACULTY OF INDUSTRIAL LEARNING, BENI SUEF, "FRAME SYSTEM"
- d. 3 HIGH RISE BUILDING OVER 13 FLOORS.
- e. NEW MENIA HOSPITAL 150, BEDS CAPACITY.
- f. YOUTH CENTER OF HELAL, MARSA MATROOH.
- g. COMMERCIAL CHAMBER FACILITY.
- h. 16 SILOS – FEED PLANT UNIT
- i. MENIA UNIVERSITY STADIUM OF 10000 PERSONS CAPACITY.

Year: 2000 – Ongoing

Location: Egypt

Consultant: GULF ARCH. CONSULTING OFFICE

Positions held: **FREELANCE STRUCTURAL ENGINEER & DESIGNER**

COMPUTER SKILLS:

PROGRAM	Level	PROGRAM	Level
AUTOCAD	Distinguished	SURFER	Very good
STAADPRO v8i	Distinguished	PCA COLUMN	Very good
SAP2000 (Ver. 9.0)	Good	MIDAS USER	Very good
PREMAVERA P6	Distinguished	PLAXIS	Good
MSProject	Distinguished	PROKON	Good
OFFICE PACKAGE	Distinguished	MATLAB	Good
PHOTOSHOP	Very good		

PROFESSIONAL ASSOCIATIONS

- Member of the **American Society of Civil Engineering ASCE**, S.M.-ID# 953459
- Member of the **International Group of Lean Construction (IGLC)**
- Member of the **Lean Management im Bauwesen, KIT, Germany**
- Manager of the group for **Lean Construction Middle East**
- Member of the **Egyptian Society of Engineers**. (3879)
- Member of the **Egyptian Engineer syndicate**. (574/22)

COMMUNITY SERVICES COLLABORATION

- Member of the **Lions Club International** ID# 4323487

INTERNATIONAL PRACTICAL PROGRAMS

• Japan 18th to 30th September 2009

The program focused on improving the knowledge in both the modern construction techniques and management that used in some of global famous buildings. The follows are such examples:

1. New Tokyo Tower (630m high).
2. Haneda Airport. (Hybrid Construction)
3. Akashi-Bridge (the longest bridge-span over the world).
4. Facility Management Process of:
 - i. **TAKENAKA** Corporation Tokyo Main Office Building Management.
 - ii. **ASAHI** Facilities inc.
5. Ohashi Shield Tunnel, the central circular route.

INTERCULTURAL COMMUNICATIONS AND TRAVEL EXPERIENCES

