

CURRICULUM VITAE : PROF. AHMED MOHAMMED ABDELALIM

1. **Family name:** Abdelalim
2. **First name(s):** Ahmed Mohammed
3. **Date of birth:** 02/04/1977
4. **Nationality:** Egyptian
5. **Marital status:** Married



6. Education

Institutions	University of Ain Shams University, Egypt- Manchester, UK
Date from to	1995 –1999, 2000-2003, 2003-2005, 2005-2010
Degree(s) obtained	PhDs in Construction Project Management/ Structural Engineering M.Sc. in Structural Engineering- B.Sc. Civil Engineering

7. Language Skills, mark 1 (worst) to 5 (best) for competence:

Language	Reading	Speaking	Writing
Arabic	Mother tongue		
English	5	5	5

8. Membership of Professional Bodies:

- Participant Member: Egypt Syndicate of Engineers (ESE), Cairo, Egypt.
- Participant Member: The Permanent Committee of the Egyptian & Arabic Code of Practice for Construction Projects Management.
- Participant Member: The Higher Consultative Committee of granting the title of “PM Consultant” at the ESE, Egypt.
- International Certified Arbitrator, the Arab Centre of Arbitration, ACA, Cairo, Egypt.
- Certified Consultant: Construction Project Management, ESE.
- Certified Consultant: Design of RC Structures, ESE.
- Certified Consultant: QC& Rehabilitation of RC Structures, ESE.
- Participant Member: The Egyptian Society of Engineers.
- Founding / Participant Member: The Egyptian Consulting Engineering Society; ECES; the Representative of Egypt at FIDIC.
- Counselor Engineer: The Saudi Council of Engineers, KSA.
- Participant Member; ASCE/ ACI/ ASQ/ FEIIC.
- Secretary General of AIM; the Association of Integrated Management IRVQM- Egypt.

9. Other skills:

FIDIC-based Construction Contracts, Local & Regional Administrative Laws/ Regulations in Egypt & GCC Countries. Contracts Forming and Preparing contracts documents, Contracts Administration, Claims, Disputes and Arbitration Expert, Value Engineering. Feasibility Studies, Risk Management, Quality Management Systems, Tendering and Procurement Procedures, Restructuring and Performance Analysis, Inter-cultural project- and team-Management, Standard PM applications (Cost, schedule, EVM) and Construction Engineering & Management.

10. Present position:

- Professor of Construction Project Management, Founder and Head of PMSC Program, Faculty of Engineering, Helwan University Egypt.
- Owner & GM: Value Expert Consult. V.E.C- Egypt.

11. Years within the firm:

25 Years (University), 20 Years (...V.E.C)

12. Key qualifications (relevant to the project):

Dr. Abdelalim has more than 25 years of experience in Design, Tendering, Procurement, Construction Management, Project Management & supervision of the complete infrastructure lifecycle—from development and construction to maintenance and operations; (all types of RC/ steel structures including bridges , power stations, water filtration plants, Wastewater treatment plants, Factories, Ready –Mix Concrete Batch Plants, Mega Industrial Projects like Sugar Manufacturing & Refinement projects, Residential Compounds, Malls, towers, Elevated tanks, Mixed-used projects, Universities, Train-stations, Resorts, Costal and Marine Structures, Rehabilitation; Repairing , Strengthening, Retrofitting and Restoration Projects), Feasibility studies , management systems, conceptual and detailed design for a wide variety of municipal and industrial projects.

He is well versed in risk/ value/ quality and contracts management, rehabilitation, structural safety assessment, , construction supervision of infrastructure sites, preparation of tender documents according to the international standard forms (FIDIC; the RED- BOOK 1987, 1999, 2005-MDB (Pink) /2006, 2017), the Yellow BOOK 1987, 1995, 1999, 2017, the “White- 1991, 1992, 1998/ Silver-1999/ Green-1999 / Golden-2008” Books, including procurement strategies. His extensive work experience covers tender procedures according to Practical guide to contract procedures for EPC PROJECTS.

Preparation of operation manuals for management facilities, coordination and reporting measures water filtration and wastewater treatment plants are a part of his expertise. Mr. Abdelalim has many years of experience in project management with responsibility for technical, administrative and financial control and Quality Assurance for public and private employers. He has compiled Management Master Plans for different Arabian countries, prepared and led workshops and training units in the field of Construction Project Management, coordinated projects during approval procedure with all parties involved, supported employers and authorities at meetings involving citizens and the press.

He has excellent communications and interpersonal skills, and has worked on a wide variety of donor-funded public and private projects for; Saudi Investment Bank (SIB); Kuwaiti Investment Bank, Islamic Development Bank at Jeddah, KSA, UAE, Oman, Bahrain, Kuwait, Qatar, USAID- Egypt, Libya, JICA, Ministry of Municipal and Rural Affairs (MOMRA) of the Kingdom of Saudi Arabia, Ministry of Housing and Urban Communities, Egypt, The Egyptian Civil Liability Insurance Pool for Construction Risks; ECLIP.

13. Specific country work experience:

Country	Year
Egypt	Residency- Ongoing
Germany	2008,2009
China	2007, 2008,2009
Singapore	2008
Italy	2008
Turkey/ Greece	2009
Malaysia	2007,2008,2009
Saudi Arabia	2013-ongoing
UAE	2014-2022
Kuwait	2018-2022
Oman	2015, 2016,2017
Qatar	2008
Bahrain/Jordan	2009

14. Professional experience record (projects):

Date	2015 - Ongoing
Location	Egypt
Company	Value Experts Consult. V.E.C- Egypt.
Position	Owner, General Manager.
Description	<p>OUR SERVICES INCLUDE, but not limited, the following areas:</p> <ul style="list-style-type: none"> • All kinds of Project Management Tasks of Construction Projects; Preparing Feasibility Studies, Planning & Scheduling, Budgeting and Cost Control, Quality Plans PQP, HSE Plans, Risk Management, Tendering and Bidding Evaluation of Contractors and Suppliers and Contract Administration. • All works of Site Supervision Consulting. • Preparing and revising Local & International Contracts, Prequalification for Documents of Contractors, Subcontractors and Consultative Firms. • Assisting Companies in Restructuring Process and obtaining the International Certificates- ISO- in Quality Assurance Systems, Occupational Health and Safety and Environmental Compatibility. • All kinds of Design Works; Architectural, Structural, MEP, Soil Investigations, Surveying Works, Workshop Drawings.... • Quantity Surveying • Preparing value management studies for companies and construction projects, this includes value planning in feasibility stage, value analysis in preliminary studies stage, value engineering in design stage, value control and earned value management in construction Stage and <i>VALUE IMPROVEMENT</i> at Close-out and O&M stage. • Training and Capacity Building in technical and Project Management specialties. • Supply and Apply services of advanced Engineering Services especially PT; Post-Tensioning Systems and Rehabilitation Techniques.
Date	03/2020 – (April 2021)
Location	Egypt
Company	The Egyptian Civil Liability Insurance Pool for Construction Risks ECLIP- Egypt.
Position	General Manager of ECLIP for Engineering Issues.
Description	<p>By decree of the Financial Supervisory Authority, the Egyptian Civil Liability Insurance Pool (ECLIP) for Construction Works was founded in 1977. The executive rules of Building Law No. 10 of 1981 concerning the monitoring and management of insurance of insurance in the Arab Republic of Egypt were released in 1981 by Minister of Economy Resolution No. 322 of 1982, which called for certain measures. In terms of insurance complexes, the founding insurance companies established the complex. Based on the developments that occurred in the insurance sector, it was amended; the bylaws of the group are to comply with these developments by Resolution No. 1242 of 2020 issued by the Financial Supervisory Authority on 11/1/202. ECLIP is in charge of managing the mandatory insurance coverage tasks for all building projects alongside the whole country with six branches (Cairo – main centre, Alexandria, Ismailia, Tanta, Assuit, Aswan) to get documentation for civil liability insurance arising from construction-related risks in compliance with Building Law No. 119 of 2008's regulations. The GM responsibilities includes;</p> <ul style="list-style-type: none"> • Managing all procedures for civil liability risks related to building projects, which includes providing insurance documentation and covering out claims for and on behalf of participating insurance companies. • Managing the complex's engineering staff or specialized consulting offices (178 consultant offices) registered with the Ministry of Housing and Urban Communities to review the construction and architectural designs and drawings for projects submitted by natural and legal persons before issuing insurance documents. After confirming that these designs are accurate and comply with building codes and technical specifications, they are authorized to get building permits.

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	<ul style="list-style-type: none"> • Planning, monitoring and controlling each stage of implementation, the projects for which the insurance document is issued are periodically inspected by the Projects Inspection Department in ECLIP to ensure that the work completed on site complies with the approved drawings, upon which the document is based. The project's insurance coverage is terminated and the technical inspection authority is notified in the event that there are significant implementation violations on building projects. • Representing ECLIP at the Higher Committee Chaired by the Egyptian Minister of Housing for selecting Consulting offices for structural revision and inspection works. • Representing ECLIP in all conducted Protocols of cooperation and preparing/ administrating agreements with national bodies, ministries and authorities for national projects in Egypt.
Date	05/2021 – 05/2022
Location	Riyadh, Saudi Arabia
Company	Project follow-up and Qquality advisory services, General Administration of Projects and Quality, Riyadh Region Municipality (RM), Ministry of Municipal and Rural Affairs, KSA
Position	International Expert, PM Consultant and Councilor of (RM) Deputy Municipality Manager for Projects & Quality.
Description	<p>The purpose of this project is to carry out advisory work, manage and follow up projects in terms of construction methods, schedule management, quality and cost, and make the necessary reports. It includes providing technical and logistical support to the working mechanism and procedural governance, setting up a mechanism for follow-up and implementation of development plans and achieving comprehensive criteria for monitoring this, and ways to support and strengthen oversight thereof, if requested, and examining recommendations for future projects, this includes;</p> <ul style="list-style-type: none"> • Monitor and document all observations in the projects, their causes, treatment methods, the anticipated cost, the schedule for follow-up, the methods of implementation in accordance with local and global conditions and prescriptions, the governance of such procedures and the reports required. • communicate with all consultants responsible for supervising on the projects entrusted to them in order to initiate consultations and advice, obtain information and reports relating to the working mechanism in order to assist them in carrying out their work, increase the level of comprehensive quality control required, govern the procedures required and apply them in accordance with modern regulations and techniques, assist the direct official in periodic work and formulate technical and engineering matters for developments in the same scope of work and within the terms of reference of the proposed working group. • Examination of the current situation and comprehensive survey of the projects entrusted to develop a plan for developing and improving performance with implementation and governance during the first and second months of the contract (12 Months) • Submission of the development plan and performance improvement required for the business process of those projects • Follow-up on mandated projects and the necessary weekly and monthly reports, in addition to the Summary Dash Board • Provision of advisory services in the technical/financial/legal/ contractual analysis of the projects entrusted and updates of the direct officer. • Monitoring the quality and safety control of construction projects. Submission of periodic reports; Weekly follow-up reports on projects, , Monthly project follow-up reports, including Summary Dash Board on the conduct of business. • Stepping up with challenges that hinder the achievement of targets, The implementation of effective mechanisms for resolving the problems of troubled and delayed projects. • .Attendance at project-specific meetings under implementation and reporting • Publication and implementation of a comprehensive quality system for such projects in cooperation with consultants, contractors and their personnel. • To improve the collection and evaluation of information on the reality of existing, current and future projects, training of national engineering staff in projects quality applications.

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Date	06/2022- 12/2022
Location	Dammam - KSA
Company	Eastern Region Municipality (EM), Urban Planning Governance and Development Project for the General-Agency for Construction and Projects, Municipality of the Eastern Region of the Kingdom of Saudi Arabia
Position	International Expert, PM Consultant
Description	<p>There is a group of departments of the General Agency of Urban Planning, Construction and Projects, the Secretariat of Dammam, and each of its own advisory consultants. The implementation of an "PMO" combined office of project management" is required with one consultancy, which provides the necessary task force for each department and works to link and coordinate the various departments through system automation, process integration and process governance to apply the digital transformation of administrative and technical processes and to enhance the efficiency and effectiveness of performance, quality of work and facilitation of client service. This is done through a comprehensive development plan, which includes: an assessment of the current situation of different departments, the diagnosis of obstacles and challenges, the conceptualization of solutions, and a study of the feasibility of their application. Through a comprehensive development plan for them and the surrounding working environment and the preparation of a strategic plan, which could begin to be implemented in phases (short-range, medium-term, long-term), <u>Activities performed:</u></p> <ul style="list-style-type: none"> • Development of a detailed strategic plan for the projects; • Elaboration of a procurement concept taking into consideration local/ regional/ international construction capacities and interest; • Preparation of Pre-Qualification (PQ) Documents; • Preparation of Procurement Guidelines for national/ international tendering and the respective valid version of the Standard Bidding Documents for Procurement of Works and Goods, based on FIDIC Books including the standard ESHS requirements and the national procurement laws and regulations; • Elaboration of detailed plans to optimize operation/improve efficiency of existing projects. • Preparation of: SWOT Analysis /GAPS Analysis Report/ Governance& PMO Implementation Plan/ RAM (Responsibilities Assignment Matrix)/ KPIs: Key Performance Indicators/ Integration and Automation Plan Outlines (Requirements of Resources, Procedures, Training, Selection Criteria)/ List of Recommended Training Sessions: (Capacity Building / Improvement). RMP (Resources Management Plan) • Revising OPA: Organization Process Assets / Forms / Templates / Process – Coordination
Date	01/2016 – 02/2021
Location	Al-Madinah Al-Munawarra, Makkah Al-Mukkaramah, Jeddah, Western Region, KSA
Company	JV (Al-Shorouk Bureau/ Al-Wakeel Al-Arabi, KSA - VEC-Egypt)
Position	Leading Partner of JV / VE Design Expert/ Contract Administrator/ PM Consultant
Description	<p><u>Multiple Projects conducted there include:</u></p> <p>1- <u>Kempinski Hotel Madinah, Kingdom of Saudi Arabia, Full Supervising Services:</u> The project's scope of work consists of a hotel building located at Al Salam Road, Madinah, Saudi Arabia. The project facilitates 350 Rooms, 50 branded condominiums, a ballroom, a conference center, a restaurant in the Mezzanine Floor, 4 Basements and Ground Floor, 10 repetitive Floors, 10 Elevators and prestigious Commercial Mall. The Project denoted as "BAZEL EL.Khair-4", belongs to the Royal Highness of Prince Sultan Bin Abdul-Aziz, and the Employer is the International Kempinski Hotels Co. It is required to Provide A Full- in the Place Supervision Services including revising the structural design of about 10 floor building and 2000 square meters area of each repetitive floor as a Concrete construction founded on supporting raft, to be constructed in Madinah (Kempinski Hotel Project), <u>Activities include:</u></p> <ul style="list-style-type: none"> • Development of a procurement plan for the project. • Preparation of Volume I and Volume II of works contract (procurement part) for the project

(inclusive service contract for operation) according to SBC Procurement Guidelines for international tendering and the respective based on FIDIC Tendering & Bidding Procedures Book including the standard ESHS requirements and the national procurement laws and regulations.

- **Designs Review** for the Hotel & Mall; **Revision of the structural analysis models for the 10 floors building** and for the specials items that it might and would contain (water tanks, steel sheds, transfer and mechanical rooms etc./ **Check the design criteria and its suitability for such structure/ Check the stability of the building** against the wind and its dynamic response and the seismic forces and temperature/ **Check the design of the members** under the various loading conditions and combinations/ **Check the design of the raft** and its constructability and settlement/ **Check & Propose** if there are special construction requirements on the building and its effect.
- **Revising the contracts of contractors** and their construction Baseline schedules to monitor and control the execution process.
- **Revising and Monitoring** all the **risk management plans** and Health and safety Plans prepared by the contractors and assuring the proper implementation of these plans.
- **Preparing and Implementing a Quality management System** includes stores and warehousing, delivery of materials, Quality Control Tests and Quality Assurance of all running activities.
- **Prequalification of all subcontractors.**
- **Revising and Auditing the performed works** and interim payments and due entitlements prepared by the contractors and all QS works.
- **Preparing all Reporting Services** to inform the owner with work progress based on the Earned Value Technique.
- **Revising and Evaluating all variations and Change Orders.**
- **Handing Over and testing & Commissioning Tests.**
- **Revising all delivered drawings either the shop-drawings or as built**, this includes evaluating the proposals suggested by contractors during the construction phase.
- **Coordinating with all disciplines and authorities** regarding the construction phase.
- **Construction Management Services:** Develop Infrastructure planning and guidelines for project designers in order to manage the development in the most efficient way using existing utility provisions or available alternatives on site/ Master Scheduling/ Site Layout Planning/ **Logistics Management:** Zone Phasing Strategy Plan for new phases
- Construction Sequence of Work Plan for new phases and construction methods to maximize efficiency/ Traffic Impact Study for new construction phasing and its effects on the site to also include the effect of existing and opening new hotels during the construction phases/ Infrastructure planning and guidelines for project designers

Number of person months: 8 persons* 12 Months.

Investment volume: 1 Billion SAR

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الهيئة الملكية لمحافظة العلا
Royal Commission for AlUla



2- Construct 3 hotels in Al Ula, Al- Madinah KSA; the Aman Hegra, Aman Janu, and Aman Tented Camps; The consultancy Design Management services include;

- Advising on local guidelines and regulations.
- Making the necessary applications to the requisite statutory authorities including Civil Defense, Ministry of Tourism & Culture, and others, and obtaining approvals.
- Conduct negotiations in respect of and make an application for outline planning permission, establish and manage procedures to discharge any conditions imposed, ascertain whether a phased or single building permit is required and document the process and deliverables moving forward.
- Consult with Civil Defense, Royal Court, Security and Protocol and any other key authorities and or utilities to ensure solutions comply with agreed requirements, and wherever needed aligned to Design Architects' Brief and Design Intent to the approval of the Design Architect.
- Seek all necessary approvals and certificates of occupation from the Local Authority.
- Prepare all Contract Documentation, Procurement Strategy, Prequalification, Tendering

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3- PMO Establishment Project For Tibah Real-estate Development Group, Al-Madinah, KSA, In addition the to the PMO, Activities Include;

- Design a standard project status reporting process, document the status of all current project efforts, and create a single summarized report for management on a monthly basis that details project efforts in the organization.
- Design and implement a single project chartering process to be used by all Tibah groups for establishing and authorizing new project efforts.
- Create a set of standard templates to be used by PMs for documenting project assumptions and managing project risks.
- Conduct a comprehensive review of existing project control processes and create a standardized process library and project methodology to be used by PMs for leveraging organizational and external best practices.
- Develop a standardized project management training curriculum to provide new PMs with the skills required to competently execute projects.
- Maintain a master catalog of project assets, including charters, schedules, budgets, progress reports, issues logs, lessons-learned documents, and related project documents and establish a process to allow PMs to search these assets and extract relevant knowledge for use in current and future projects.
- Lead the delivery of major enterprise project efforts by attracting and retaining a core group of talented PMO-PMs whose primary focus is on the successful delivery of enterprise projects.
- Establish a PMO Steering Committee to guide further development of the PMO according to business needs.
- Review current SAP software solutions and recommend to management a suite of solutions that addresses current limitations in project governance, management, and reporting.








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4- Logistics and scheduling of new construction phases in Jabal Omar Development Project (JODP, Makkah, KSA;

Jabal Omar Development Project is a unique urban re-generation scheme and an integrated development aimed at providing hotel accommodation, commercial/retail spaces, car parking spaces, public spaces and public amenities to support religious, social and commercial activities to Hajj and Umrah pilgrims during Hajj & Ramadan seasons and other visitors all year round. The land area of the project is approximately 230,000 m² with a built-up floor area of approximately 2.5 million m². The project consists of 40 towers that will be operated by the most prestigious 5 stars hotels in the world together with state-of-the-art infrastructure networks providing main services (water, electricity, district cooling, etc.) to the buildings (having dedicated Power distribution station, District cooling plant, Grey water treatment plant, Waste collection station, Public water reserves etc.). These towers mostly consist of hotels operated by international brands (Hilton, Accor, Marriott, Hyatt, etc....); commercial areas rented out to local and global brands and some apartment/penthouse units for lease or sale, together with the related technical areas. The project also boasts an internal road network and 5 arterial pedestrian roads connecting the neighboring developments to the Haram through Jabal Omar. This complex and multiuse project requires continuous site maintenance which facilitates the smooth flow of work and access during the construction period. **Activities Performed;**

- Zone Phasing Strategy Plan for new phases
- Construction Sequence of Work Plan for new phases and construction methods to maximize efficiency, Internal & external elements and effects on construction sequencing.
- Traffic Impact Study for new construction phasing and its effects on the site to also include the effect of existing and opening new hotels during the construction of them.
- Concrete Batching Plant and its impact on the site
- Comprehensive Logistics Plan for the management of New Construction Work.
- Infrastructure planning and guidelines for project designers.
- Analysis of the project Master Schedule.
- Performance Management Plan for future Contractors with related Risk Mgmt. Guidelines.
- Recommendations on Procurement Strategy and Construction Methods.

<p>9</p> 	<p>5- <u>Diamond Tower, Jeddah, Al Masarat for Construction Co., KSA.</u></p> <ul style="list-style-type: none"> Conduct Value Engineering Study after revising the structural design of about 93 floor building and 338.6 meters height as a Concrete construction founded on a pile-supported raft, to be constructed in Jeddah (Diamond Tower). Prepare tender documents and the required Authority Specifications. Support during tender evaluation. Support and assistance of the Client in contract administration and compliance with contractual conditions. 	
<p>10</p> 	<p>6- <u>YANBU Power & Desalination Plant Phase-3 Building Work Contract, International Building System Co for Contracting (IBS)/ Samsung Engineering Construction Limited (SECL), Claims of Entitlement to an Extension of Time, & Prolongation Costs, Jeddah, KSA, The scope of work includes;</u></p> <ul style="list-style-type: none"> Contractual Revision for all Documents of IBS-Samsung Subcontract regarding YANBU Power & Desalination Plant Phase-3 Building Work , including the submission of Full Contract Analysis with Risk Allocation of contract provisions. Preparing & submitting all EOT calims and prolongation costs denoted as IBS- calims, and presenting the IBS for any entitlements aquired inside KSA or outside. Contract Adminstration and Ad-hoc contractual services conducted for two months of preparing the main EOT-Cost Claim (Oct.- December, 2016) and the duratiion of 12 Months (01.01.2017- 30.12.2017). Counselor of IBS chairman for Contractual Issues & PM. 	
<p>11</p> 	<p>7- <u>Integrated Club of Hayee El-Defa' Construction, Madinah, KSA</u></p> <p>Activities Performed;</p> <ul style="list-style-type: none"> All Design Works; Architectural, Structural, MEP, Soil Investigations, Surveying Works, Workshop Drawings of all structures; Main halls & theatre, Swimming pools, Gymnasium halls, stadium, administrative buildings, mosque, athletics halls, cinema and social building, water tanks, parking and stores. Quantity Surveying & Preparing itemized B.O.Q. Preparing the Cost Estimate of the Project and cash flow. Preparing all contract documents, technical specifications, standard & special specs, GCC, Particular contract conditions, Criteria of Selecting contractors and suppliers. Assist in Tendering Stage, Evaluation of bidders and contract awarding. 	
<p>12</p> 	<p>8- <u>Al Madinah Boulevard, A new Entrainment & Shopping centre in Al Madinah, Saudi Arabia</u></p> <p>The project is allocated alongside the 3-kilometre corridor linking the Prophet's Mosque and Quba Mosque; the first phase is a stretch of 600 meters, and the remaining phases completed in early 2020. Vehicular traffic has been rerouted so that the street is now a stone-paved pedestrian thoroughfare; landscaping has been introduced to recall the oasis around which Medina was founded, and night-time lighting and street furniture were installed. An important component of the project is a year-round programme of public social and cultural events for local residents and for visitors. The development was</p>	

undertaken in conjunction with merchants who are now upgrading their shops and facilities along the boulevard. The project is on a total surface area of about 36,738 square meters. There are multiple levels of employment between commercial, entertainment, administration, motel and services.

Activities Performed;

- Design of The construction works of the Boulevard Buildings and the preparation of design drawings and complete design for all structural elements. Preparation of Preliminary and Final Designs with design report and tender documents, preparation of operation manuals and support for the preparation of the Environmental Impact Assessment Report.
- Procurement, contracting strategy, including proposals for contractual arrangements with the private sector, micro-enterprises etc.
- Procurement concept / procurement plan
- Procurement input for the tender documents
- Support of construction supervision with site visits to review the status of construction.
- Support of local E/M designers in preparing the tender documents. Support of the client during tender evaluation.

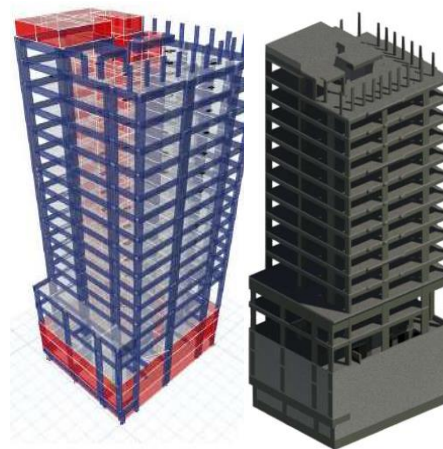
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9- Revising of the Structural Design & Value Engineering study of the Hotel Project of Land No. "3051" in the Western central region and executive shop drawings, BIM Modelling, Madinah, Saudi Arabia:

Activities Performed;

- Full Structural Analysis of Building and preparation of calculation notes.
- Building a 3-D BIM Model using Rivet.
- Value Engineering Study of the Whole project.
- Preparing the B.O.Q, Technical Specifications, Criteria of selecting contractors and suppliers.
- Preparation of Volume I and Volume II of works of contract (procurement part) for the project (inclusive service contract for operation) according to SBC Procurement Guidelines for international tendering and the respective based on FIDIC Tendering & Bidding Procedures Book.
- Support of the client during tender evaluation.



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10- Design work for the Touristic Heritage Entertainment Park, " Saied Alshohadaa" Madinah, Saudi Arabia:

11- Construction Management & Design work, Value engineering study, commercial Mall, Steel Structure, Metal installations, Prince Mohamed Ben Abdul Aziz Street, Madinah, Saudi Arabia , preparation of specifications and method of implementation, scheduling/cost control

12- Construction Management & Design work, Value engineering study, Mall Ben-Dawood-Hyper-Mart-Mall, Steel Structure & metal installations ; preparation of specifications and method of construction, scheduling/cost control.

Activities Performed;

- Design development and overall coordination of all architectural components.
- Full Structural Analysis and preparation of calculation notes.
- Value Engineering Study of the Whole project.
- Preparing the B.O.Q, Technical Specifications, Criteria of selecting contractors and suppliers.
- Preparation of Volume I and Volume II of works of contract (procurement part) for the project (inclusive service contract for operation) according to SBC & Procurement Guidelines.
- Support of the client during tender evaluation.

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Date	09/2016 – 03/2017
Location	Riyadh, Saudi Arabia
Company	ISO 9001:2008 QMS & ISO 14001 EMS- Development Project of Rayadah Investment Company (RIC), The Saudi Military Pension Fund - Public Pension Fund.
Position	International Procurement and Contract Management Expert in association with TAG; Talal Abu Ghazala Group.
Description	<p>Activities Performed:</p> <ul style="list-style-type: none"> Assist RIC in organizing its activities, documentation & implementation of QMS & EMS in line with "ISO 9001:2008 & ISO 14001" Assist RIC in developing its work flow Process and the performance measures. Ensure the conformity of the QMS & EMS of RIC to the requirements of ISO International Standard Organization which include and not limited to Policies, Forms, Procedures, process, Flow chart, Job description, templates, checklist, Process measures and KPI's. Monitoring and assistance during effective implementation of this system until RIC readiness for the certification The scope of service covered RIC head Quarter and its branches in Jeddah and Dammam, the purview covered all RIC departments. To develop RIC internal quality system and build RIC's team to implement the systems effectively and develop the skills to its continued implementation. To assist special team at RIC to audit these systems internally by training them to be certified auditors. To initiate a process towards developing "Quality and Environment Culture" & "TQM" among the employees of RIC. To develop the system and the mechanism to enhance the performance based on QMS & EMS through various tools within the framework of QMS & EMS international standards. To inculcate a concept of "Customer & Environment Friendly" among the workers of RIC. To develop a system for identifying, accessing & complying with the statutory and legislative requirements related to Quality and Environment at RIC. To develop a mechanism to monitor the QMS & EMS Performance at the level of the Top Management of RIC. The documents, manuals, forms etc. have been developed in Arabic and English. Conduct pre-assessment and readiness for certification Ensure obtaining ISO 9001;2008 & ISO 14001 certificate from a certification body Upload all the deliverables to RIC's IT system and operate it electronically with the assistance of RIC's IT.
Date	03/2018 – 09/2018
Location	Egypt
Company	RAFCO Real-estate & Development Group
Position	PMO/ VE consultant
Description	<p>RAFCO is a leading Egyptian real estate corporate that develops distinctive and valuable projects in different areas of Egypt since 2015. RAFCO established many projects in the new Administrative Capital in Egypt; ILMONDO compounds, Capital garden, Capital Crown, and more than 20 projects, 2150 residential, administrative and commercial units over an area of 250,000 square metres. The PMO plans, directs, and ensures the successful management of projects while optimize use of available resources to assist project management teams. It provides technical assistance in identifying, evaluating and developing methods and procedures that are efficient, effective and meet good business practices.</p> <p>Activities Performed through PMO:</p> <ul style="list-style-type: none"> Design a standard project status reporting process, document the status of all current project efforts, and create a single summarized report for management on a monthly basis that details project efforts in the organization. Design and implement a single project chartering process to be used by all the Group for establishing and authorizing new project efforts.

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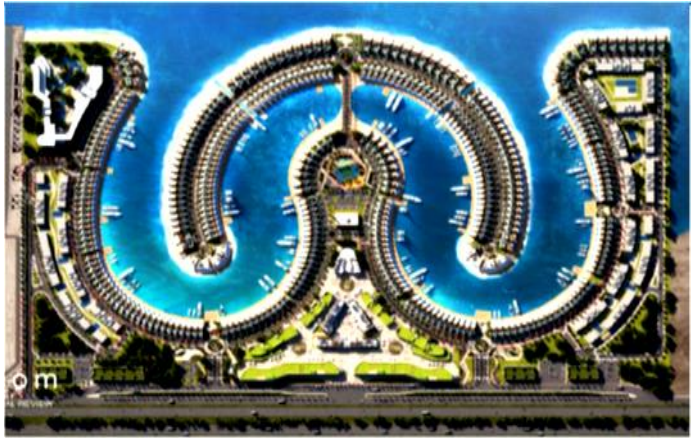


	<ul style="list-style-type: none"> • Create a set of standard templates to be used by PMs for documenting project assumptions and managing project risks. • Conduct a comprehensive review of existing project control processes and create a standardized process library and project methodology to be used by PMs for leveraging organizational and external best practices. • Develop a standardized project management training curriculum to provide new PMs with the skills required to competently execute projects. • Maintain a master catalog of project assets, including charters, schedules, budgets, progress reports, issues logs, lessons-learned documents, and related project documents and establish a process to allow PMs to search these assets and extract relevant knowledge for use in current and future projects. • Lead the delivery of major enterprise project efforts by attracting and retaining a core group of talented PMOs whose primary focus is on the successful delivery of projects. • Establish a PMO Steering Committee to guide further development of the PMO according to business needs.
Date	Jan.2023– ongoing
Location	Riyadh, Jeddah, Makkah, Kingdom of Saudi Arabia
Company	<p>1-The Governance & Restructuring Project, Riyadh, KSA. 2-The Turnkey Project denoted as the “Canadian Saudi HOSPITAL MEDICAL CITY”, located at Jeddah, KSA, Trio-General Agreement; Profast, Ltd., / Delta, Ltd, Abdulelah Abdullah Saim Aldahr Medical Establishment, 3-The Rehabilitation & Renovation of King Abdul-Aziz Historical Palace "Al- Saqaaf Palace", Makkah, KSA,</p> <p style="text-align: center;">PROFAST Ltd. Co., Riyadh, KSA.</p>
Position	Contract Administrator/ PM expert- CEO Counsellor for PROFAST- Riyadh, KSA
Description	<p>1-Governance & Restructuring Project, Profast Ltd., 2-Project Implementation Support, Engineering Design Services and Contract Preparation & Supervision in the context of improving the The Turnkey Project denoted as the “Canadian Saudi Hospital Medical City”, located at Jeddah, KSA. It consists of Constructing, Finishing, Testing and Commissioning of Specialized Hospital 500 Beds, Old Age Hospital 300 Bed, and Five Star Hotel. Total building areas of square meters are 72,000 contracted to PROFAST Ltd. & DELTA COMPANY.</p> <p><u>Activities also performed:</u></p> <ul style="list-style-type: none"> • Manage & plan for a Project of Administrative restructuring and procedural governance of Profast Ltd. • Prepare all Contract Documents for The Turnkey Project denoted as the “Canadian Saudi HOSPITAL MEDICAL CITY”, located at Jeddah, KSA, Trio-General Agreement; Profast, Ltd., / Delta, Ltd, Abdulelah Abdullah Saim Aldahr Medical Establishment. • Restructuring of Profast company and governance of all administrative procedures between sectors, departments and sections of the company. • Make an assessment of the current situation and made executive reports; • Prepare; SWOT Analysis Report / GAPS Analysis Report/ Restructuring Breakdown Structure/ Job Description, Process Mapping/ Administrative Templates & Forms. • Prepare: Governance& OPM Implementation Plan. • Rehearsal & Evaluation of the performance in all sectors and departments. • Follow-up and evaluation of inter-departmental and intersecting processes, particularly for time-critical projects"/stakeholders. • Evaluation of coordination mechanisms with other bodies and study of the development of coordination and follow-up mechanisms. • Process mapping of existing departments and their subdivisions and interrelationships with other departments, in particular project management, operation and maintenance, and their intersection with financial, administrative and legal departments, management templates and development proposals. • Develop an organizational structure for "the company in its various sectors" according to



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	<p>available human resources with functional competencies for each job name and list of responsibilities, powers and functions. Its departments, functions and basic requirements (Setting <u>RAM</u>; Responsibilities Assignment Matrices).</p> <ul style="list-style-type: none"> • Audit of the company statutes, internal regulations, methods of measuring performance and evaluating employees in line with the comprehensive development plan. • Training of executive PM for on OPM practices. <p>3-Conceptual and Detailed design of the Rehabilitation and renovation works for King Abdul-Aziz Historical Palace "Al- Saqaaf Palace", Makkah, KSA, preparation of technical tender documents, evaluation of tenders, construction sequencing, support of client during the tender evaluation, Bid management and periodical supervision of works.</p>
Date	1 st of July. 2023 – ongoing
Location	Ajwan- Half Moon Bay Dannat Project- Al-Khobar-Southern Gulf-Coast of Dammam, Eastern Province- Kingdom of Saudi Arabia
Company	Sumou Holding Co. KSA
Position	Technical Consultant / Contract Administrator : Studies and Designs to develop the infrastructure / Marine Works/ Navigation channels/ Shores Protection/ Structural Design of Steel Bridges/ Facilities & Structures And PM Services of the Dannat Resort Project
<p>Description</p> <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">18</div>    	<p>Activities performed;</p> <ul style="list-style-type: none"> • Conduct a hydrological study and to make recommendations for the protection of the study area from external rainfall and flooding; the study is divided into two stages; Topographic and Metrological studies; • topographic data is analyzed to determine the paths of streams, the directions of the Earth's surface slopes, and the characteristics of the catchments affecting the boundary of the study. • Metrological studies, during which climatic data are analyzed to reach the design storm values for different return periods and based on them, the values of the maximum flow are determined. • Land use, which involves the development of activities in urban area in cities and centers that affect the runoff rates. • Soil studies, which are used to determine the geological characteristics of the soil of the catchment that affect the boundary, in order to determine the expected runoff rates of the flood. • the second stage -the hydraulic study and recommendations- depends on the results of those various studies mentioned above, after determining the extreme value of the flow affecting the site and proposing the best solution for the study area, the hydraulic design is done and the necessary recommendations are developed, which will be used in the detailed design stage. • Use wind rose to determine P.W.D & wave refraction. • Design water breakers of external shores. • Design of artificial island, • Design navigation channels, • Design beaches sections, • Design Shores protection,







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	<ul style="list-style-type: none"> • Design steel bridges , facilities and RC structures. • Water station design/ Design of the drainage station. • Conduct environmental study to protect the surrounding environment from any damage. • Prepare a brochure of conditions and technical specifications for the implementation of marine works items such as beaches, stone cladding or breakwaters, bridges, terms of reference, and a quantities takeoff tables. • Prepare tender Documents and Assist in Bids Evaluation & Management. • Contract Administration for the scope of works.
Date	11/2019 - 11/ 2020
Location	Sheraton Club Project, Cairo, Egypt, Ministry of Youth & Sports
Company	Centre for Consultations, Training and Production, Faculty Of Engineering at Mataria, Helwan University
Position	PMC- Contract Administrator.
Description  	<p>The PM consultancy services to construct New Extensions of Sheraton Club. The Project construction was divided into four phases including new constructions, shops area, and mall, developing stadium, swimming pools, playgrounds, spine landscape works, and entrances and fencing works. The PM services Peromed;</p> <ul style="list-style-type: none"> • Site Layout Panning: This includes Phasing and planning sequence of works to avoid discoordination of different construction works and delay resulted from overlapping. It also provides a method of construction and proper allocation of temporary facilities, stores & warehouses of materials, maneuvering of construction equipment. • Schedule Management: This includes Revising, Updating and Controlling all submitted Construction baseline Schedule submitted from contractors to cope with the overall targeted project “Duration of execution”. • Cost Monitoring & Control: This includes Revising Interim payments according to the actual work performed and Priced B.O.Q, conducting Cost Control accordingly using “Earned Value Management”, and also monitoring actual progress and forecasting estimate to complete works. • Ensuring Quality Assurance (Q.A) for all deliverables: This includes revising submitted Method Statements for all assigned works for implementation. Enhancing the Q.A. System to comply with all applied standards and technical Specifications and setting procedures of any corrective/ preventive actions for any nonconformance. • Contract Administration (Including Tendering & Contracting Phase): To revise tender/ the contracts documentations, conduct contract analysis and provide Responsibility Assignment Matrix (RACI) for all Involved main parties, monitor and control the execution of contractual obligations and provide recommendations in case of claims & disputes if any • Risk Management Planning: To Identify , categorize , Rank and assess all potential risks associated with construction works, provide detailed Risk Management Plan, RMP, with suggested Risk Response Strategies to mitigate identified risks. • Document Control/ Progress Reporting & Presentation.
Date	2019-2020
Location	Project of upgrading and developing the Sports Medicine Centre, Nasr City, Cairo, Ministry of Youth & Sports, Contracted by Ministry of Military Production.
Company	Centre for Consultations, Training and Production, Faculty Of Engineering at Mataria, Helwan University
Position	PMC- Contract Administrator.

<p>Description</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="text-align: center; margin-top: 10px;">  </div> <div style="text-align: center; margin-top: 10px;">  </div> <div style="text-align: center; margin-top: 10px;">  </div>	<p>The PM services Perormed:</p> <ul style="list-style-type: none"> • Contract Administration (Including Tendering & Contracting Phase): To revise tender/ the contracts documentations, conduct contract analysis and provide Responsibility Assignment Matrix (RACI) for all Involved main parties, monitor and control the execution of contractual obligations and provide recommendations in case of claims & disputes if any • Site Layout Panning: This includes Phasing and planning sequence of works to avoid discoordination of different construction works and delay resulted from overlapping. It also provides a method of construction and proper allocation of temporary facilities, stores & warehouses of materials, maneuvering of construction equipment. • Schedule Management: This includes Revising, Updating and Controlling all submitted Construction baseline Schedule submitted from contractors to cope with the overall targeted project “Duration of execution”. • Cost Monitoring & Control: This includes Revising Interim payments according to the actual work performed and Priced B.O.Q, conducting Cost Control accordingly using “Earned Value Management”, and also monitoring actual progress and forecasting estimate to complete works. • Ensuring Quality Assurance (Q.A) for all deliverables: This includes revising submitted Method Statements for all assigned works for implementation. Enhancing the Q.A. System to comply with all applied standards and technical Specifications and setting procedures of any corrective/ preventive actions for any nonconformance. • Risk Management Planning: To Identify , categorize , Rank and assess all potential risks associated with construction works, provide detailed Risk Management Plan, RMP, with suggested Risk Response Strategies to mitigate identified risks. • Document Control/ Progress Reporting & Presentation.
Date	2018
Location	The Long Beach resort- located at Kilo-105 Suez-Zofrana road in the Al-Ain ElSokhna area of Suez Bay.
Company	The Egyptian-Arab Real-Estate Bank / Namaa Consultant
Position	PM/ Value Engineering Consultant.
<p>Description</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="text-align: center; margin-top: 10px;">  </div> <div style="text-align: center; margin-top: 10px;">  </div> <div style="text-align: center; margin-top: 10px;">  </div>	<p>The Egyptian-Arab real estate bank has several real estate assets, which are located in 16 governorates throughout the Egyptian country. These assets vary between space land, agricultural land, housing units, hotel units, villas, palaces, shops, garages, administrative units, hotels, tourist villages, health facilities and recreational facilities. The Long Beach resort is one of the Bank most important real estate assets and is located on a plot of land with an area of 358,459,24m², located at Kilo-105 Suez-Zofrana road in the Al-Ain ElSokhna area of Suez Bay. The resort includes; 143 villas, 526 Chalet, 270 hotel units, 68 commercial shops, logistics zone, entrainment zone, parkings and Stadiums.</p> <p>The study was prepared on the basis of a mandate from the Egyptian Arab Real Estate Bank to with a view to conceptualizing the various alternatives for optimal decisions to determine the maximum possible return from the resort, The bank sent out a number of documents for the resort where the project team accounted for and classified these documents.</p> <p>The PM services Perormed:</p> <ul style="list-style-type: none"> • Examine the current status of the resort buildings and facilities, study technical, financial, legal and marketing aspects, and examine competitive opportunities and prices similar to those of neighbouring resorts. • Develop an integrated and sustainable information system for the management of the resort operations, a flexible system that can be applied to all bank-owned assets. • The information system has been designed so that it can be traded, data entered and data and reports extracted through mobile phones to facilitate on-site data entry and easy access

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	<p>to decision makers.</p> <ul style="list-style-type: none"> • Current status and Condition Assessment of the Long Beach resort &A its facilities. • Recommendations for the processing of technical notes for the rehabilitation of resort facilities. • Quadruple analysis (SWOT). • Proposed alternatives to the use of the resort. • Proposed developments of the resort. • Evaluate the Marketing Value of the Resort. • <u>Determine The Best & Highest Profitable Use of the Resort.</u>
Date	2018
Location	Al-Manar Mall, Al-Madinah, Kingdom of Saudi Arabia
Company	Abdul Mohsen Al-Hokair Tourism and Development Company
Position	Condition Assessment-Value Engineering Consultant/ PMC & Claims Management.
<p>Description</p> <div style="text-align: center;">  </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>هيئة تطوير منطقة المدينة المنورة Al Madinah Region Development Authority</p> </div> <div style="text-align: center;">  <p>مجموعة الحكير al hokair group</p> </div> </div> <p>The work performed includes a series of studies as follows:</p> <ul style="list-style-type: none"> • Review all available contract documents with the owner, the management profile of the financier, its appendics and business licences. • Review all available correspondence between the parties concerned from the time the mall cracks appeared and request that the mall's administration shut down the activity completely and then allow only partial operation of some minor activities. • Audit of the procedures for dealing with cracks detection carried out by the Mall Department and soil injection work in the area where the games yard is located. • Reort on the review of the contract documents, the extent of liability and the analysis of the claim for damages caused. • Construction review of the design of the mall and its Structural safety factors. • A review of the loads added as a result of the use of the space allocated as a gymnasium and casino according to the dynamic load equivalent to the operation of the games and the calculation of the stress generated and the extent to which this affects the resistance and strength of the building elements. • Preparation of a report on the structural review of the building components and their compatibility with the design considerations of the design codes of the multi-use commercial and administrative buildings in accordance with the American code and the Saudi building code. • Prepare an inspection report of the building, the apparent cracks and the repairing method used by the owner. • Preparation of Structural Safety report on the current status of the building and the extent to which it was damaged by the appearance of cracks. • Check the results of the tests done to verify the building's safety. • To determine the efficiency and adequacy of the treatment method followed, and determine the appropriate method. • determine the effective life of the building and the effectiveness of continued activity after treatment . 	
Date	2017
Location	Project for the construction of a Factory for the production of high-density pipes of polyethylene (HDPP), Cairo, Egypt
Company	Arab Organization for Industrialization- the Holding Company of Drinking Water and Sanitation
Position	Feasibility Studies/ Procurement Management Plan/ Contract Preparation/ PMC

<p>Description</p> <div style="text-align: center; margin: 10px 0;">  </div>	<p><u>The work performed includes a series of studies as follows:</u></p> <ul style="list-style-type: none"> • Comprehensive review of documentation for the preparation of the technical study and technical requirements for factory production lines, applicable specifications, preparation of letters of RFQs & RFPs. • Review of all technical specifications for high-density polyethylene pipes adopted by the company holding drinking water and sanitation. • Review the stages and components of the proposed production lines (5 lines) and include materials feeds, smelting line, pneumatics, shaping, calibration, refrigeration and storage. • Review procedures for obtaining price offers for local and international manufacturers and suppliers of components of different production lines. • Contractual and financial evaluation of offers made by suppliers and manufacturers after technical review of offers and preparation of the technical and financial evaluation report of the supply work for the construction of the plant. • Audit of field surveys of pipes used in the Egyptian market, their areas of use and their applications for drinking water and sanitation, local manufacturers and consumers, and distribution of use rates for different countries for various purposes (water/drain/gas). • Preparation of a market study of polyethylene pipes and economic feasibility indicators for the construction of a pipe production plant based on all technical studies and field surveys of market requirements. • Prepare recommendations based on the feasibility study takes into account all elements of the market, the gap between supply and demand, technical requirements, the availability of manufacturers and suppliers of the most appropriate production capacity of the plant and the number of optimal production lines. • Financial and economic feasibility study for the establishment of the polyethylene pipe production plant • Analyze the cost elements of establishing the planned plant in terms of the cost of supply, installation, operation and testing of components and production lines • Study of the construction cost elements, plant infrastructure, materials and equipment works. • Study the operating and maintenance cost of the plant, including testing & commissioning and calibration phase. • Examination of available alternatives and their financial impact on fixed assets of the plant (land/building/motors, equipment/processor/storage/transport/refurbishment...) • Study of variable operating cost (work force/fuel/spare parts/operational requirements/standard tasking/calibration / product quality certification...) • Study the elements of the total cost of investment. • Study the cash flow of costs according to the time frame required for the installation and operation of the plant. • Studying the average prices of raw materials and the estimated average price of the product from different country pipes. • Investment return study and cost/profit analysis • Study of indicators of profitability from the establishment of the plant, such as return on investment, profit coefficient, break even and internal return on investment • Project funding planning study. • Examine the sensitivity of financing opportunities for investment and the risks associated with investment. • Preparation of the final economic feasibility study for the owner.
Date	2016
Location	Riyadh, KSA.
Company	Al-Moussa Group Riyadh, KSA.
Position	VA / VE, Design Consultant and preparation of Contract Documents.
Description	1- The mall building: it is built in Phase-1, the mall, which is 500 m length, with a width of 70 m (20 corridors and 45 shops). The mall has three floors, first and second are

<div style="background-color: #fff; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">24</div> 	<p>stores and the third is restaurants and clubs. The amusement park is two parts, one with 10,000 m² spaces, and the other with 10,000 m² snow city.</p> <ul style="list-style-type: none"> • Hotel building: It is built in Phase-2 without affecting the mall. There are 300 rooms. Hotel height is 17 floors. • The Hypermarket. • The administrative buildings. • The mosque. <p>2- Reinforcing the Riyadh City Potable Water with a Local Storage Capacity of 5 thousand cubic meter and a pumping house of 10 m³/h and 60 m head [1 duty + 1 standby pump of 10 m³/h each (and total capacity of 68 m³/h and 60 m head in a future phase [1 duty + 1 standby pump of 68 m³/h each) at SR14 Location in Wadi Hanifa 06 Pressure Zone within Mahdiya district, on Design & Build Basis by means of New Water Reservoirs and pumping facility construction along with all necessary structures and facilities;</p> <ul style="list-style-type: none"> • <u>Study of value engineering and redesign of strategic tanks, control and control facilities and administrative buildings for the Water Storage Strategic Plan, phase -2, Riyadh city, Contracted to Al-Moussa Group Riyadh, KSA..</u>
Date	2016
Location	Al-Sharqia Governorate- Egypt
Company	Al-Sharqia Sugar Manufacturing Company (ASSM)
Position	Construction Management / Project Management Expert- EPM Consultancy
Description	<p>Over a land area of approximately 1,774,500 m², the project is located north of the Industrial Zone of Al- Salihiyah City, Egypt. The project stands as the first sugar production facility in Al-Sharqia Governorate with a construction cost of EGP 3.1 billion.</p> <p>The factory's main activities will include the production of sugar from sugar beet, as well as the refinement of raw sugar into white sugar. Refinement byproducts (molasses and fodder) will be sold at international markets. The land area is divided into two plots: Plot A and Plot B. Plot A is the site designated for the new sugar facility (and future expansions). Plot B is a separate plot for waste disposal in line with the environmental guidelines in force. Al-Nouran Sugar Factory is expected to have a beet processing capacity of 241,000 tons per year. Its white sugar refinement capacity is estimated at 1,768 tons per year. The annual production rates of molasses and fodder are estimated at 105,000 tons and 106,000 tons, respectively.</p> <p><u>Activities performed:</u></p> <ul style="list-style-type: none"> • Participation in the preparation of the project document Charter , the brochures on contractual terms, technical specifications, invitations of contractors and world suppliers for the largest sugar project in the Middle East; participation in the preparation of drafts of contracts, analysis of technical and financial offers, preparation of civil works, electromechanical works, supply works, installations, local manufacturing and the prequalification of consulting offices, contractors and manufacturers; and the design of points-system of evaluation of the consulting offices, contractors and suppliers of the project sing AHP- Simulation Based Techniques- Prequalification System. • Review of all project documents previously prepared. • Identify the missing studies required for the current project phase and the future phases. • Identify survey & comment on financial studies. • Identify the missing items & elements of the project. • Identify items that require re-pricing. • Comment on the procurement activities previously performed. • Comment on the time schedule developed for the project. • Submit "CSFs"-report with recommendations for successful implementation of the project.
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Date	2016
Location	Riyadh, Kingdom of Saudi Arabia
Company	Ministry of Environment, Water and Agriculture / Kattan Co. for Professional Consultancy, Riyadh, KSA

Position	PM Expert/ Consultant
Description	<p><u>Preparing All Manuals of Procedures, PM Guidelines & Operation Manuals for Agency of Projects in the Saudi Ministry of Environment, Water and Agriculture, including:</u></p> <ul style="list-style-type: none"> • Prepare <u>Engineering Administration Manual of Procedures</u> - Saudi Ministry of Agriculture. • Prepare <u>Project Management Manual of Procedures</u> - Saudi Ministry of Agriculture. • Prepare <u>Quality Assurance Manual of Procedures</u> - Saudi Ministry of Agriculture contracted by Kattan Office in the Kingdom. • Prepare <u>"Manual of Procedures for Studies and Designs"</u>, Saudi M.O.A. • Prepare <u>"Manual of Procedures for Supervision of Implementation"</u> – Saudi M.O.A. • Prepare <u>"Manual of Procedures for Monitoring, Follow-up and Control of Projects"</u>. M.O.A. • Prepare <u>"Executive Guide for Project Implementation & Supervision Operations"</u>. M.O.A. • Prepare <u>"Manual of procedures for the Department of Renovation and Maintenance"</u>, M.O.A. • Prepare <u>"Quality, Project Management and Environmental Management Manual"</u> • Prepare all Administrative Templates, Forms, other OPA samples. • Prepare Gaps Analysis Report, SWOT Analysis. • Prepare <u>"Productivity & Performance Analysis Guide"</u>. • Prepare and Present 6 awareness sessions for the requirements of applying the new system and procedures.
Date	2015 - 2016
Location	Port Fouad Mall, Port-Fouad- Gardenia Mall, Port-Said, Egypt.
Company	Armed Forces Engineering Authority / Contracted by Spensy- <i>DYWIDAG Post-Tensioning, DSI. Systems</i>
Position	Design Consultant / Value Engineering & PMC
Description	<p>The project is two commercial Mall that extends over 11600, 17,600 m² respectively, and is repeated in the basement, ground and first ceiling. The design of slabs has taken into account the system of flat slabs with post-tensioned cables; PT-SYSTEM, in order to achieve the architectural purpose that fulfils the building function as well as to increase the building operational capacity and speed of implementation and increase construction safety factors while saving the total cost, time and efforts.</p> <p>This Includes preparing; The system used and Suppliers, Foreign currency Procurement Management Plan, Supply works in the case of local currency payments, Installation works, materials & equipment, technical specifications, method statement, General Conditions and Particular Conditions for contracting Method of and Construction.</p>
Date	2015- 2016
Location	The Military Hospital, Zagaziq, Al-Sharqia, Egypt.
Company	Armed Forces Engineering Authority / Contracted by Spensy- <i>DYWIDAG Post-Tensioning, DSI. Systems</i>
Position	Design Consultant / Value Engineering & PMC
Description	<p>Study of the value engineering and re-engineering of the Military Hospital on a 19789 m² flat, made up of Bedroom, and two frequent floors. The design of Slabs has taken into account the system of flat slabs with post-tensioned cables; PT-SYSTEM, in order to achieve the architectural welcome that fulfils the building function as well as to increase the building operational capacity and speed of implementation and increase construction safety factors while saving the total cost, time and effort. This Includes preparing; The system used and Suppliers, Foreign currency Procurement Management Plan, Supply works in the case of local currency payments, Installation works, materials & equipment, technical specifications, method statement, General Conditions and Particular Conditions for contracting Method of and Construction.</p>

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Date	2015
Location	Jeddah, KSA
Company	Saudi Ministry of Municipal and Rural Affairs- Municipality of Jeddah, KSA
Position	PM Expert.
Description	<p>29</p>  <p>1- Project of Preparation a Handbook on Conditions and Specifications For Examination of the causes of projects failures (causes and solutions) and project quality control (quality control laboratories); <u>Tasks performed include:</u></p> <ul style="list-style-type: none"> Helping dependent local municipalities to identify the real causes of their projects failures. Preparation of an analytical study of the status quo and design of an operational plan of action to meet the needs of the secretariat bodies in engineering areas necessary to avoid future delays in projects. Prepare a road map for future projects in terms of the quality required, the duration of each project, and the quality of project implementation. <p>2- Design of 6 RC. Culverts across the Makkah-Jeddah Highway Road, Preparation of all tender drawings, B.O.Q, Specifications, Instructions to Bidders, TOR, GCC and Particular Contract Conditions, Criteria of selecting contractors and suppliers.</p>
Date	2014
Location	Exhibition Oasis Development Project, Al- Madinah, KSA
Company	Namaa Al-Madinah for Development, Al-Madinah Al-Munawarra Development Authority.
Position	Design/ CM Consultant
Description	<p>30</p>  <p>1- Design, Construction Management and preparation of Structural Safety reports; design of post-tensioned floors PT as the drawings provided for a total area of 14,000 m², design of the remaining components of the current project with a study of wind loads, earthquakes and thermal stresses and presentation of workshop drawings required, Preparation of two inspection reports and structural safety reports for the existing theatre building and adjacent buildings.</p> <p>2- Holiday Inn Project Value Engineering Study; It is required to explore the possibility of reducing the cost of the structural system for a high rise Hilton hotel in Saudi Arabia. The system is composed of 3 basements, ground floor, and 1st to 3rd podium floors of various occupancy, 21 typical floors and roof. The structural system is mainly based on the flat slab configuration. The columns do rest on a piled raft foundation. The distribution of the piles and the thickness of the raft depend on the distribution of the columns and the loads on them. The VE Study realized 17% cost saving.</p>
Date	2013
Location	Nasr City, Cairo, Egypt
Company	GOPA-Infra GmbH / General Authority of Educational Buildings, GAEB - Ministry of Education and Technical Education, Egypt.
Position	PM Expert, Trainer
Description	List of training programmes in the area of "Project and Construction Management " for the Engineers and PMs of the Educational Buildings General Authority, The authority undertakes planning educational buildings, developing standards and specifications for their design, and determining building systems and rules in light of a scientific plan.. It also takes all

<div style="border: 1px solid white; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">31</div> 	<p>necessary steps to construct and maintain educational buildings. These programs were held in Association and funding of GOPA Infra GmbH as an independent German consultancy rendering engineering and consulting services for infrastructure development.</p> <p>The Training Programs presented;</p> <ol style="list-style-type: none"> 1- Introduction to Value Management: Basic Concepts, Principles, the Importance of Value Engineering, Methodology, Stages, Steps, Standard Forms. 2- Value Planning at Preconstruction Stages: Planning for Value at Preliminary Studies, Tendering Stage, Bidding Stage, Analysis and Choice of the Proper Contracting Strategy. 3- Value Engineering in Design Stage: Value Analysis/ Value Engineering Techniques, Value Job Methodology , Tools & Techniques of VA/VE, FAST Technique, Weighted Evaluation Matrix Technique, Risk Model, Quality Model, Cost Model, Life Cycle Cost Analysis. 4- Earned Value Management Techniques: EVM Techniques in the Construction Stage for Monitoring & Controlling Performance, Definitions, Variance Indices, Forecasting Indices, Scenarios of Contractors Performance, and Preventive & Corrective Actions based on EVM. 5- Applications of VE in O & M Stage: Managing Operation, Maintenance and Rehabilitation Projects from the Perspective of VE, and their Standard Contracting Forms. 6- Preparing VE Studies & Presentation of Proposals: Full detailed of the 29 VE Forms, Data Gathering, Value Analysis, VE, Presentation Phase, Implementing & Monitoring and Auditing. 7- IRVQM; Integrating Risk, Value , Quality Management at Feasibility Stage: Benefits of Integration on Cost Saving, Quality Improving, Risk Minimizing and Performance Enhancement of Construction Projects 8- Workshop: Applying Value Engineering on Real Case Study of GAEB Standard Projects. 9- International Construction Contracts, Claims & Disputes. 10- Tendering, Bidding, and Contracting for Construction Projects.
Date	2012
Location	Project for the Rehabilitation of Royal Palaces in Emirate of Sharjah, United Arab Emirates
Company	Att. The Administrative Office of her highness Nur AL-Mu’ala.
Position	Rehabilitation Consultant
Description	<p>The work requested includes a series of studies as follows:</p> <ul style="list-style-type: none"> • Visual inspection of the defected structural elements in the buildings. • Mapping of the defects on the villa’s relevant drawings. • Conduct Semi-destructive & Non-destructive tests to determine the current condition of the concrete and reinforcing steel; such tests include the following: <ul style="list-style-type: none"> • GPR Scanning (<i>ASTM D-6432-99</i>) • Extraction of core samples to determine the compressive strength of concrete (<i>ASTM C42</i>) • Determination of Chloride infiltration in the concrete cover (<i>BS1881: Part 124</i>) • Carbonation depth test compared to the concrete cover (<i>EN 13295</i>) • Half-cell tests to provide the probability of corrosion (<i>ASTM C876</i>) • Resistivity tests to determine the resistivity of the concrete and predict the corrosion rate. (<i>AASHTO TP 95</i>) • Ultrasonic Pulse Velocity tests to determine the quality of the concrete (<i>BS EN 12504-4:2004</i>). • Evaluate the test results along with Sharjah Lab test results and the visual inspection observations to conclude the overall condition of the existing structural elements
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	<ul style="list-style-type: none"> Propose the required repair works (corrective action) to rectify the defects observed with the material suggestion and method statements. Propose the preventive actions. Submit a technical report covering all the findings.
Date	2010 - 2013
Location	Cairo, Egypt
Company	Namaa Engineering Consulting Group, Namaa Consult.
Position	Counsellor to the Chair of the Namaa Consultancy Group Governing Council; HE the former Egyptian Prime Minister, Prof. Dr. Essam Sharaf
Description	<ul style="list-style-type: none"> <u>Establishment of the Strategic Studies Section of the Development Engineering Consulting Company for Value Engineering and Projects Management and preparation of asset development and investment studies as well as enterprise restructuring.</u> <u>Implementation of the first joint asset management and investment programme for the Egyptian National Bank and the Bank of Egypt (revalue real estate assets, land and bank-owned factories, study the Best and Highest profitable Use of assets and link the sites to the 149 geographic positioning systems for assets in the Republic).</u> <u>Implementation of the programme for the management of assets belonging to the Misr Bank (Bank of Egypt), the Directorate-General of Investment Secretaries, with 239 assets at the level of the Republic. The project includes the following:</u> <ol style="list-style-type: none"> Establishment of a database with a geographical dimension of the various assets classified according to the Governing Council strategies Creation of a digital asset catalogue that includes all asset-specific data Draw a complete outline of the most suitable scenarios for each asset. Develop appropriate mechanisms to strengthen decision-making to achieve the highest profitability Provide the data and information required to move to the stage of operation by decision for each asset. Evaluation of the structural integrity of a number of bank-owned real estate assets and preparation of feasibility studies for re-employment <u>Study of value engineering for the project to establish the Faculty of Engineering at Jazan University, Saudi Arabia.</u> <u>Study of the implementation of the first phase of the plan for the development of the sanitation system in Egypt and the provision of technical support. The programme is funded by the American Aid Agency "USAID".</u> <u>Prepare contract for the implementation of the police building, the estimation and accounting of items of work and the analysis of price items in the southern sector - Madinty - the Arab Company for Projects and Urban Development.</u> <u>Technical reports on the construction review, inspection and rehabilitation of 4 towers in the area of Giza Governorate, Egypt.</u> <u>Prepare 150 Methods of Construction of works Items/ Method Statements – The New Campus of the American University Project - Samsung Alliance – Samcrete.</u> <u>Prepare RAM-MATRIX; Project of the New Campus of the American University Project - Samsung Alliance – Samcrete.</u> <u>Analysis of the price items of the medical centre in Southern Sector, Madinty Project, The Arabic Company for Projects & Urban Development.</u> <u>Project schedule & Updates for the galaxy commercial and hotel complex at Sheikh Zayed, The Arabic Company for Projects & Urban Development.</u> <u>Re-engineering and preparation of specifications for the 11 aqueducts of the project of design of aqueducts and study of flow pathways -and preparing contract documents /value engineering, Jeddah Municipality, Saudi Arabia.</u> <u>Report on the productivity rates of the Cairo Festival City, Al-Futtaim Carillion- ORASCOM Joint Venture- Cairo Festival City.</u>

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	<ul style="list-style-type: none"> Assist in the preparation of the technical/ Financial evaluation report on offers by developed companies to provide technical advisory services for many national projects in Egypt.
Date	3/2009- 8-2010/ extended to Jeddah Saudi Arabia
Location	Cairo, Egypt
Company	Square Engineering Firm
Position	CTO; Square international for Construction Industries Development. SCIDC.Co.
Description <div style="text-align: center;">34</div> 	<p>Participation in the establishment and opening of the SCIDC Research and Construction Industries Development Corporation in 2009, which was established as an engineering consulting firm to meet the need for technical and advisory support for the Egyptian and Arab construction market by carrying out the following tasks;</p> <ul style="list-style-type: none"> The company maximizes the benefit of the group accumulated experience, especially in the area of construction and construction projects. Integration of research and development with market and industry needs through research on the development of construction and construction industries. Preparation of economic feasibility studies for engineering projects, technical studies and all requirements of trained equipment, laboratories and manpower. Cooperation with engineering companies and the contracting sector through the provision of technical support, the provision of appropriate personnel and project management. Establishment of an academy for the qualification of junior engineers, technicians and skilled personnel trained in the use of the most modern construction and construction technique.
Date	JUNE 2008– March 2009
Location	Cairo, Egypt.
Company	Square Engineering Firm
Position	CTO; Square international, for Research and Development of Construction Industries, SCIDC, / Counsellor of the Board of Directors of Square Engineering Firm /SCIDC/ SIBIC Subsidiary Firms.
Description <div style="text-align: center;">35</div> 	<p>Participation in the establishment and opening of SIBIC in 2008: SIBIC; Square Integrated Building Industries, was founded in 2008 on the latest global specifications to meet the needs of the Egyptian and Arab construction market by:</p> <ol style="list-style-type: none"> A network of Ready Mix Concrete Batch Plants (four stations were established in Egypt and Saudi Arabia with 260 cubic metres per hour each with full operational equipment from fixed and mobile concrete pumps and trans-mixer fleet and technical equipment from factories, equipment and labour. Two Cement Brick/Block factories have been designed in Egypt and Saudi Arabia, completed with the procurement of the two factories with a production card of 17,000 units each, with full operational and technical equipment from laboratories. <ul style="list-style-type: none"> Head of the Technical Committee delegated by the Board of Directors of Square Engineering Firm in 2007/2008 to select and test tasks, equipment and equipment required for the company's projects, conclude agreements and contracts and prepare M.O.U.s and partnerships with several global construction companies. This included field visits and extensive studies in several countries, including Japan, China, Malaysia, Singapore, Germany, England, Russia, Saudi Arabia, the Emirates, Qatar, Bahrain, Jordan, to contract the following equipment: <ul style="list-style-type: none"> Four Ready Mix Concrete Batch Plants with 260 cubic metres/hour production capacities. Two Cement Block Factories designed with a production card of 17,000 units/day. 65 Concrete tans-mixers with capacities 9-14 cubic metres. 7 Mobile concrete pumps with an arm length of 37, 42.47 metres and 2 Stationary pumps. 4 stone crushers units of 200 tons/hours each. 20 Loaders with different pocket sizes. 4 Tower cranes with 3,4,6,8 tons end loads. 4 central laboratories equipped for RM concrete Batch Plants. 2 central labs equipped for cement block and brick manufacturers.

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	<ul style="list-style-type: none"> ▪ Eight generators 500-horse per hour. ▪ Asphalt RMBP. ▪ Marble plant equipment (Cutting + Forming, Glazing, Packing) ▪ Industrial waste treatment plant. ▪ Two water desalination plants for industrial installations of 20,000 cubic metres/day. ▪ Solar power units. ▪ Rehabilitation of lighting plant. <ul style="list-style-type: none"> • <u>Economic feasibility study for the establishment of a ready mix concrete batch plant, precast concrete production and manufacturing plant and a cement-block factory in Jeddah, KSA.</u>
Date	Jan. 2008– June- 2009
Location	Cairo, Egypt.
Company	Square Engineering Firm
Position	CTO SCIDC, the Delegated Member of Square Engineering Firm on behalf of its subsidiary; SCIDC, for preparing & conducting M.O.U.s, JVs, Protocols of Cooperation and Agreements.
<p>Description</p> <p style="text-align: center;">36</p> 	<p><u>Preparing & Signature of a number of agreements, M.O.U.s, Joint cooperation and partnership with several global companies in the area of construction and construction equipment, including:</u></p> <ul style="list-style-type: none"> • Signature of M.O.U with the leading German company ELBA-Werk in the manufacture of RMCBP (concrete Batch Plants). • Signature of M.O.U with the leading German company PUTZEMEISTER, Shanghai, for the manufacture of ready concrete pumps. • Signature of a memorandum of cooperation and partnership with China Heavy Truck Machinery, a leading company in the heavy transport vehicle industry (160,000 units a year). • Signature of memorandums of cooperation and partnership with several leading Chinese companies in construction equipment industry, cement brick factories, interlocks, infrastructure equipment, roads, pavement and concrete product and quality control plants. • The signing of a memorandum of understanding with the Malaysian Council for Cooperation in Technical Education and Vocational Training.
Date	JUNE 2007– August 2010
Location	Cairo, Egypt.
Company	Square Engineering Firm, (By Hierarchy)
Position	Head of the Technical Affairs Sectors, Square Engineering Firm / Counsellor of the Board of Directors of Square Engineering Firm, CTO; Square international, for Research and Development of Construction Industries. SCIDC,
<p>Description</p> <p style="text-align: center;">37</p> 	<p><u>Activities performed:</u></p> <ul style="list-style-type: none"> • Establish the QA/QC dept. in Square Engineering Firm, preparing all the organizational skeletons (staff, laboratories, calibration certificates, prequalification's, setting short-term & and long-term strategies). • Renovating the executive systems to comply with international standards to be certified in ISO 9001, 14000, 18001. • Check and calibrate all the third party vendors and suppliers (Ready Mix Concrete Batches, External laboratories, specialized works sub-contractors (Post-tensioned RC elements, curtain walls). • Develop the Know-how concepts and train all junior engineers to the relevant International standards and codes. • Managing and coordinating with the different functional areas for successful delivery and completion of each job. • Monitor and tracked the execution of project tasks and subtasks and measure performance. • Managing and issuing job orders and necessary invoicing for each Account/job.

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	<ul style="list-style-type: none"> Operate all the daily quality control investigations and ensure complying with international specifications (UBC, BS110, ECP,ASTM, ACI, ...) Prepare the skill description for each execution item, train site engineers on the specified tasks required for quality assurance. Inspect and watch over every progress in execution (Architectural, Structural, Civil, Plumbing...). <u>Assist in the preparation of the proposed Construction Methodology & Method of Construction for the Smart Village Vodafone Project: Implementation by Square Engineering Firm, and Project Management Consultant Projacs.</u>
Date	October 2006– JUNE 2007
Location	Cairo, Egypt.
Company	Emmar Misr Project, (Uptown Cairo Project at Moukatta'm, Samcrete- ACC- Al-Masrasm) Egypt.
Position	QA/QC Manager and Management Coordinator
Description	<p>Activities performed:</p> <ul style="list-style-type: none"> Projects management of the different jobs allocated including monthly reporting on the status of each job. Managing and coordinating with the different functional areas for successful delivery and completion of each job. Monitor and tracked the execution of project tasks and subtasks and measure performance. Managing and issuing job orders and necessary invoicing for each Account/job. Operate all the daily quality control investigations and ensure complying with international specifications (UBC-97, BS110, ECoP, ASTM, ACI, ...) Prepare the skill description for each execution item, train site engineers on the specified tasks required for quality assurance. Inspect and watch over every progress in execution (Architectural, Structural, Civil, Plumbing...). Work as a trouble shooter for any structural, architectural modifications to imply adequate safety and reliability of the erected structures. Design, execute, and inspect all the necessary works of the rehabilitation of existing structures and related tasks (repairing, strengthening, thermal isolation, installation, waterproofing, etc...) Operate assessment of the structural performance of the erected structures (operate all the Non-destructive tests and QC on materials, RC elements). Prepare submittals, check lists, inspection requests, delivery forms, method statements, revise shop-drawings and bills of quantities...
Date	October 2004 – October 2006
Location	(SSFWTP; SIXTY LITERS PER SECOND SLOW SAND FILTER WATER TREATMENT PLANTS), BENI SUIEF, EGYPT.
Company	(USAID; UNITED STATES AGENCY FOR INTERNATIONAL (105 million Egyptian pounds budget)
Position	Resident Consultant Engineer
Description	<p>Activities performed:</p> <ul style="list-style-type: none"> Projects covered are Sheikh Abed and Mymoon, Beni-Suief, Toukh Elkheel, and other Water Filtration Plants The tasks performed were as follows: Drafting and preparing contracts for the different project elements i.e. Civil, Electrical, Mechanical, etc. Managing contractors' invoices as per the periodical work progress and project plan. Daily following up of projects including monitoring and coordinating the progress with each

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<div style="border: 1px solid white; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">39</div> 	<p>relevant resident engineer.</p> <ul style="list-style-type: none"> • Ensure technical support and inspection of implementation. • Managing and issuing time/money change notices for contracts/contractors and preparing amendment log. • Revising structural, architectural, electromechanical drawings, and assure the compliment of each executed element according to the international Codes and specifications of each project as per verified by the owner (MEGAWAS EGYPT). • Organizing the cash flow planning strategies and variation order for new facilities in project of towns and villages deprived from clean water.
Date	August 2003 – October 2004
Location	Residential, Commercial, and Managerial Tower of Misr for Insurance company", and constructing the" New Extension of Minia Governorate"
Company	CEO Consultative Bureau, Prof. Dr. Ayman Shaheen, Cairo University
Position	Resident Consultant Engineer
Description	<p>Activities performed:</p> <ul style="list-style-type: none"> • Overlook project milestones and assure project success defined through achieving targets within time and budget. • Managed and supervised on a multi-story building on 1500 m2 consists of 13 floors and the new extension governorate building on 600 m2, this includes all types of structural, architectural, electromechanical, plumbing, finishing, installation, thermal and waterproofing isolation works. • Acted as the resident consultant engineer for any submittal, verification of items, clarification of drawings, revise and judge the submitted shop-drawings, materials, proposed method statement, QA tests and lab investigations. • Involved in day-by-day supervision of the different activities on-site. • Developed a full report on the different activities performed on-site including necessary action items. • Monitor and tracked the execution of project tasks and subtasks and measure performance. • Involved in surveying work during daily activities (Coordinates & elevations). • Managed the different subcontractors working on site.
Date	Aug.2001- Feb.2002 (6 months Project period)
Location	Project of the Arabian Bank, Mohandessein, Cairo
Company	The CMB (Chemicals for Modern Building)
Position	Site Engineer
Description	<div style="border: 1px solid white; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">40</div> <ul style="list-style-type: none"> • Supervised the different site activities, including quality control inspections. • Managed the different subcontractors working on site. • Involved in decision making sessions related to project layout and landscaping. • Watch over the application of CFRP application, and rehabilitation techniques, strengthening, repairing, and isolation works.
Date	Aug.2000 - Mar. 2001
Location	Sanitation plant and its facilitating structures in the Industrial region of Minia, (12 million Egyptian pounds budget).
Company	Engineering Consultative Unit, Faculty of Engineering, Minia University
Position	Supervising Construction Engineer

<div style="border: 1px solid white; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">42</div>	<p>Description</p> <p>Activities performed:</p> <ul style="list-style-type: none"> • Involved in day-by-day supervision of the different activities on-site. • Developed a full report on the different activities performed on-site. • Involved in decision making sessions related to project layout and landscaping. • Supervised on using scaffolding & formwork in constructing the walls of the tunnel in accordance to lack of time. • Monitor and tracked the execution of project tasks and subtasks and measured performance. • Involved in surveying work during day-to-day activities (Coordinates & elevations). • Managed the different subcontractors working on site. • Participated in the structural design and specifications of the projects on hand. • Managed the different subcontractors working on site. • Performed several quantity takeoffs, cost estimates, and procurement tasks • Presented day-to-day cost and activity reports and coordinated design approvals and submittals • Checked specifications and monitored activities performed on site. • Monitor and tracked the execution of project tasks and subtasks and measured performance.
Date	Aug.1999. Apr. 2002
Location	Minia, Egypt
Company	Scientific Office for Structural and Architectural Engineering and Soil Investigations,
Position	Design/Construction Engineer
<div style="border: 1px solid white; border-radius: 50%; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">43</div>	<p>Description</p> <p>Activities performed:</p> <ul style="list-style-type: none"> • Performed quantity takeoffs, cost estimates, bill of quantities and tasks for the projects. • Assisted in developing the time schedule of the projects. • Shared in design works and watching over vital projects. • Sharing in the preparation of follow up reports, check lists, case study reports, and prognosis of repairing programs. • Prepared the Bid's offer and the Booklet of Specifications and Quality Assurance for the Paper Factory, the French Company, Beni Suief, Egypt. • Prepared the Proposal for Assisting in the Implementation of the Village Environmental Assistance Project funded by the UNICEF. • Worked as a supervising engineer to watch over the implementation of the residential building blocks of SUZAN MUBARAK HOUSING OF YOUTH Project, at the new Minia. Involved in day-by-day supervision of the different activities on-site and developed a full report on the different activities performed on-site.

41. Intensive Professional Training & Specialized Programs.

Completion of intensive project management programmes and specialized programmes in:

Senior management of Enterprises and Companies; Business Analysis and Benefits Realization Management, Programming, Scheduling and Cost Management; Programme Management, Governance and Organizational Management, Financial Management of projects; Management of Advanced Systems; Management of large-scale projects, Integrated Quality Management of TQM; Institutional Management and Corporate Structuring; Establishment of PMOs (project management offices); Value Engineering, Asset Management; Strategic Planning; Quality Assurance and Control; Risk and Crisis Management; Use of Analytical Statistical Science; Data Analysis; investment risk assessment; valuation of real estate assets; use of integrated information systems; large data Analysis using traditional methods ICC and modern IRT methods; Establishment and Operation of information banks; Preparation of Qualified Technical Cadres and Performance Appraisals; Measurement of productivity and Enhancement, Operations researches; international construction contracts; negotiation and conflict management; legal drafting and technical bases for the preparation and review of engineering contracts; preparation of contract documents and schedules of quantities and specifications; preparation of assessment and valuation reports; auditing of quality and international certification systems; preparation and revision of functional Administrative Structures and job descriptions; preparation of feasibility studies and financing planning for companies and projects; management of occupational health and safety and environmental reconciliation in accordance with approved international standards; planning of major construction sites, Building Information Modelling BIM and its applications, Green Bim, Sustainability & Sustainable Construction, claims and conflict resolution; Engineering arbitration.

42. Presenting Technical & Professional Lectures, Awareness Sessions, Training Courses, Workshops to many Associations, Authorities, Governmental Bodies, inside & outside Egypt, e.g.;



43. Selective List of Publications; Over **86** Researches published in Top Ranked Scientific Journals, i.e.,

