

## Mohamed Selim Ahmed Hafez,

BSc. Civil Engineering, SCE-PE, PMP, PMI-RMP, LEED AP, 6Sigma YB, NEBOSH IGC, PMI-PBA (pre)

Address: Saudi Arabia, Jizan

Contacts: 0561941256, 0592705580 (KSA Mob) – 002/01060113764 (EG Mob)

E-mail: [str.seliem@gmail.com](mailto:str.seliem@gmail.com) , [civileng15exp@gmail.com](mailto:civileng15exp@gmail.com)

Skype: str.seliem

LinkedIn: <https://www.linkedin.com/in/mohamedseliempmp/>



**Specialities:** Civil Engineering (structural and infrastructural), Construction Management, Project Management, Risk Management, Interface Management, Contract Management.

**Professionality:** Risk, Interface and Contract management ,Structural and infrastructural design and technical inspection, Tender management, contracts preparation, pricing tenders, drafting and awarding, contract and construction risk assessment, claims preparation and assessment, contracts administration, contracts negotiation, change management, Subcontractors management, Procurement management, delay analysis and dispute avoidance and resolving, drafting contractual correspondences and well reporting, leading meetings and good MoMs editor, resolving interfaces, coaching and transferring experience, satisfying clients without gold plating.

**Aware of:** Phase gate, contract general and special specification, claims, issue log, risk register, Montecarlo analysis, Watch list, Punch list, interface register, long lead items, schedule, earned value management and expected monetary value, Schedule, recovery, revised and S-curve, delay analysis, claim, scope, project management plan and other plans integrated within (scope, time, cost, safety, quality, ... etc), turn over documents, list of documents, method of statement, MRIR, CRS, NDT, DRN, RFI, SOR, NCR, VOP, SWOT and root cause analysis, Kaizen technique, brainstorming, Delphi Technique... and others.

A holding **Bachelor degree in Civil Engineering** from accredited Egyptian Governmental University (ranked 5th) and certified as Project Management Professional (PMP) and Risk Management Professional (PMI-RMP) from the American project management institute PMI also **NEBOSH, SIX-SIGMA** and **LEED AP**. I bring all of this education with more than 15 years of experience in civil engineering discipline in design, construction and project management of large projects of residential buildings, malls, pipe lines, educational and medical projects, infrastructure and traffic, utilities and security buildings; moreover, I am certified as Professional Engineer from the Saudi Council of Engineers (SCE-PE) and a member in PMI and Egyptian Engineers Syndicate.

I have proven experiences in design and project management, contract management, Safety and Traffic engineering, I have worked in many roles in Contraction companies, Consultancies, Governmental Main Municipalities and Desalination Plants. I am recognized for the ability to effectively liaise with clients/owners, and coordinating related project matters with all stakeholders to fulfil the project deliverables and targets.

### PROFESSIONAL EXPERIENCE



**Pöyry Switzerland LTD Consultancy (Now AFRY), Owner's Engineer  
Shuqaiq Water Transition System (Phase III) and Fatiha Strategic Tank,  
Shuqaiq-Jizan-KSA**



المؤسسة العامة لتحويل المياه المالحة  
Saline Water Conversion Corporation

**Risk Manager as a main task and acting interface and contract manager, detailed below.**

**DEC 2019- Present**

<b>Project</b>	<b>SQWTS3 (Shuqaiq water transmitting system – phase 3)</b>
<b>Client &amp; Location</b>	SWCC (Salination water cooperation company)
<b>Project Description</b>	Transmitting the desalination water from Shuqaiq to Jizan and Asir regions with all attached constructions
<b>Project value</b>	~ 6 Billion SAR Al Rashid Contract (RTCC) and 130 Million Poyry Contract.
<b>Responsibilities</b>	Identifying, Analysing, Evaluating, Planning, Reviewing, Overseeing, Reporting, Upgrading, Meeting, Interviewing, Documenting
<b>Role</b>	<b>Risk and interface manager</b> , Owner Engineer and Contract Management Guidance / Advice, AFRY

<b>Project</b>	<b>FATIHA JIZAN STRAGETIC TANK</b>
<b>Client &amp; Location</b>	SWCC (Salination water cooperation company)
<b>Project Description</b>	Erecting Strategic Tank and the intake from SQWTS3 Pipeline
<b>Project value</b>	85.000.000 SAR Metscco Contract (Metscco), the project loaded on the above POYRY Contract.
<b>Responsibilities</b>	Identifying, Analysing, Evaluating, Planning, Reviewing, Overseeing, Reporting, Upgrading, Meeting, Interviewing, Documenting
<b>Role</b>	<b>Risk and interface manager</b> , Owner Engineer and Contract Management Guidance / Advice, POYRY

As a part of international experts within a Mega Project in Shuqaiq WTS Phase 3 with budget of more than 6 billion SAR is to transport potable water produced at the new Shuqaiq Phase 3 Desalination Plant and provided from the storm-water at the Baysh Dam to each of Asir and Jizan regions (to deliver water along Abha-up to more than 2000m difference in level from the source-, Jizan Mahayil and Majardah).

#### The Project Scope of work to implement:

- **8 Pump Stations with 10 booster pumps and 30 motors.**
- **More than 530 km Pipeline in a tough terrain (wadies and mountains) with more than 1000 vents and drains and several interfaces.**
- **24 Water Storage Tanks**
- **9 Filling Stations**
- **Fatiha Strategic Tank with capacity of 170,000 m3.**
- **1 Administrative building, many electrical and pump house buildings, access roads and security fences and check points.**
- **Ukad and Samta pipping systems upgrade.**

The project is divided into three Packages B1 (Shuqaiq - Majardah), Package B2 (Bayish - Shuqaiq & Shuqaiq - Abha) – for Pipelines, Pump Stations, Reservoir Tanks and filling stations for each Package and Package C (Main Pump Stations) with 3 years for each package.

The excavation techniques were open, thrust boring and by blasting due to tough terrain and whole project included inside construction of CML and GPR pipelines with shafts with all welding, isolation and fixtures of flanges, tap-in and tap-off, dismantling, isolation and butterfly valves and many types of flowmeters and FOC, also contained Cooling water and firefighting systems in addition to many pump houses and administration, storage and security buildings, Septic and Sewage Treatment Tanks and fences.

The project also contained many electrical and I&C items such as LV, MV, HV, UPS, CPS, VMS, MDP, VSD, DCS, Pressure transmitters, Pressure and Differential switches, Fire alarms ... etc.

#### Key Responsibilities:

- **Risk Management (Main Task)\* - dedicated position.**
- Managing COVID19 Crisis day by day, evaluating EPC claims and his adjusted plans, Quantifying Risks, LLIs and VOPs Co-ordination and delivery of all project Risk Management activities throughout the project life-cycle according to the PMI framework.
- Management & facilitation of risk training and workshops as per ISO 9001:2015 and ISO 31000:2018 to ensure all key persons are fully aware of the risk management importance and for the identification of key threats, opportunities, issues and triggers.
- Development and maintenance of project threats/opportunities registers/logs/triggers and response plans in line with SWCC processes and procedures.
- Iteratively identifying risks, undertake threats/opportunities assessments, evaluating risks probability, severity and impact level by conducting risks qualitative and quantitative analysis as per SWCC risk appetite and tolerance using all stakeholders input through available techniques such as Delphi technique, workshops, subject matters experts, decomposition, interviews, flowcharts, categorization and other analysis techniques.
- Identifying risk mitigation/intervention actions, risk owners and the response plans for risk reduction/opportunity realization.
- Expert in using Primavera6, Primavera Risk and extracting the risk related reports also familiar with earned value and expected monetary value management systems, Montecarlo, sensitivity risk, critical and chain path analysis techniques.
- Following up the high risks, the risks fall in the watch list and workaround the unforeseen incidents, implementing the fallback and contingency plans up to closing all risks at all its levels or raising the trended ones to issue log to be managed by other management team members.
- Developing a risk visual map for the critical points along the project route.
- Raising the periodically risk reports with the necessary recommendations and official correspondences then capturing the lessons learned for SWCC's record.
- Helping client to control over the project and align it with the plan continuously.
- Oversee the contractor's and other risk owners' implementation of the risk management process, and provide guidance and support as needed.
- Ensuring involving all stakeholders as per their evaluated power in the risk management process to ensure all risks are controlled appropriately throughout the overall project.
- Holding training and workshops to make all stakeholders aware of the risk management consequences and its benefit to the project and coaching the Saudi Engineers as per transferring experience program.
- Well documentation of risk management system and ensuring that lesson learned are captured in owner's data base.
- **Interface Management (Subsidiary Task)\* - as a component of the risk universe and non-presence of this position in the contract of the owner's engineer.**
- **Working closely with the Owner and EPC to manage and resolve more than 850 interfaces internally and externally to avoid/mitigate all risks raised from interfaces, the most important interfaces were with Ministry of transportation (MOT) –, Saudi Electricity Company (SEC) – for the power supply –, the production plant (Action) – for transmitting produced potable water – and the O&M for commissioning the system; the role as follows:**
  1. Activating the interface management system (IMS) and ensuring that EPC is obliged to the contract towards the interface responsibilities.
  2. Identifying and following up all interfaces (static, dynamic, internal and external) and ensuring them are integrated with the project schedule plan especially that one's related to subcontractors and engineering.
  3. Ensuring the scope is clearly identified in the tender documents especially at the connection with the external entities.
  4. Developing the interface management plan and interface timed register for the EPC as per owner's priorities and developing the pushing list to follow up the most important interfaces closely.

5. Ensure all stakeholders are registered very well hence to be communicated in the proper way throughout the overall project execution duration as per plan.
6. Coordinating site work activities schedule, technical and safety issues between entities especially with the external ones.
7. Organizing meetings and interviews and brainstorming with the concerned stakeholders to close interfaces.
8. Updating interfaces status as owner's engineer into the owner's system.
9. Ensuring that interfaces will not have any negative impact to the project.
10. Conducting the training and workshops to all team members in order to ensure that they have the full awareness of the interface management importance and ensuring that all interface issues are captured.
11. Raising the related reports to PM and the owner and recording interfaces lessons learned in the owner's records.

➤ **Contract Management (PM gave responsibility and non-presence of this position in the contract of the owner's engineer).**

***In addition to the above-mentioned duties***

- Establishing and managing throughout the project lifecycle an obligation management matrix containing all contractual obligations towards and from SWCC.
- Leading the management of claims in accordance with the Claim Management process as per SWCC procedures and claims evaluation and implementing negotiation strategies.
- Ensure all project correspondences (upstream and downstream) managed in line with contractual requirements and SWCC strategy.
- Supporting direct supervisors in duties and tasks.
- Coordinating with the Contract Specialists and other related staff in the head office for guidance.
- Administering the contract to ensure compliance with contractual terms and conditions.
- Coordinating all contract submittals and correspondence, reviewing and process variation orders and claims during the project lifecycle.
- Ensuring documentation to negotiate Variation orders are properly produced and maintained and highlight key figures accordingly.
- Preparing letters to stakeholders in the purpose of collecting necessary data and interpretations for VOs review and approval ensuring compliance with the provisions of the contract.
- Following up on problems which demand management attention.
- Contributing in reviewing/approval process of subcontractors and setting KPIs for their performance.
- Establishing and update records of all correspondence-related contract activities.
- Contacting the Project Manager in necessity and highlight key issues.
- Following up sub-contracts, invoices, RFIs, NCRs, VOPs and other related items.
- Contributing in preparing monthly reports and responding to related document requests and various enquiries on demand.
- Working closely with construction managers also lead engineers, planning team and HSE and project manager.



**Al Bawardi Consultancy, Hail Secretariat, Rainfall Drainage administration and PMO, Hail, Senior Civil Engineer -Resident- (infrastructures & wet utilities).  
June 2019- DEC 2019**

**Projects (Udyrah Valley Bridge with the Haraj Road, Udyrah Valley Bridge with Swifla Road, Rainfall Drainage Pipes and Culverts lines with various Sections in many locations along Hail City) – Total value of the projects around 250 M SR.**



<b>Project</b>	<b>Wet utilities engineer (Hail secretariat)</b>
<b>Client &amp; Location</b>	Hail secretariat PMO/ Saudi Arabia
<b>Project Description</b>	Projects (Udyrah Valley Bridge with the Haraj Road, Udyrah Valley Bridge with Swifla Road, Rainfall Drainage Pipes and Culverts lines with various Sections in many locations along Hail City).
<b>Project value</b>	250.000.000 SAR as total value of projects supervised
<b>Responsibilities</b>	Design, Inspecting, Approving, Reporting, Identifying, Analysing, Evaluating, Planning, Reviewing, Overseeing, Upgrading, Meeting, Interviewing, Documenting
<b>Role</b>	Wet utilities and resident engineer, Owner's Engineer.

**Key Responsibilities:**

➤ **Storm Water Drainage (Surface, Pipes and Culverts) and Bridges Owner Engineer \***

- Approval authority on behalf of Client to the proposed design submittals, shop drawings and other related technical documents.
- Support Client preparing new designs and reviewing old ones for Bridges, Pipelines and Culverts under gravity drainage systems (For Storm Water and Rainfall) and solving issues with help of the specialized software.
- Value engineering and recommendations of phase-wise developments according to the available budget.
- Review contractor's shop drawings and prepare new shop drawings.
- Review & approvals of the subcontractor's prequalification.
- Material review/approval for sub and super structures.
- Site inspection and overseeing all site works (Excavation, Shoring, Dewatering, Compaction, Concrete Works, Backfilling and Asphaltting).
- Review all schedule plans and follow up all project's status using SPI and CPI techniques.

- Reporting and Evaluating contractors and setting KPIs according to Safety and Quality procedures in the site.
- Reply to technical queries received from site contractors before and during construction of projects.
- Attended progress meetings held with the stakeholders.
- Contributing in resolving the interfaces between the different utilities and the project limits in the same site by suggesting and reviewing contractors' formal proposals.
- Approving the excavation and traffic detour scheme according to the traffic safety specifications of the Ministries of Transport, Municipal and Rural Affairs and the international codes.
- Documentation of Projects files supported with photos, Schedule Plan with periodic status reports, material submittals, MOMs and lessons learned.

➤ **PMC Engineer (Project Management Controlling Engineer - to the above-mentioned projects)**

- Contracts administration from planning stage to closing, dealing issues with it and keeping records.
- Contributing in Generating project progress charts and cost reports compared with the original budget.
- Handling schedule engineering functions involving time schedule, cost control, forecasting and reporting.
- Interpreting contract and handle risks and current cost control database (Excess and Lack).
- Monitor detailed construction project time, cost and cash flow reports developed by contractor to the treasury.
- Monitor, evaluate and update project cost data on budgeted amounts.
- Reconcile and coordinate project cost data with client status reports.
- Support forecast of time and cost problems by offering trending information.
- Manage Project Management database and Projects Risk Management and set the workaround plans.
- Establish and maintain harmonious client relationship to support project delivery and client satisfaction.
- Submit (Periodic and On-demand) reports to Project Manager and support other internal reports preparation.
- Supervise planning, scheduling and cost engineering.
- Maintain project personnel relationships with individual discipline group leaders.
- Determine schedule, estimates and work scope to execute and complete deliverables within budget.
- Interact with client counterparts and management to plan and schedule cost presentation.
- Develop and execute measurement systems to process, analyze and identify improvements.
- Analyze data, identify issues and recommend suitably.
- Support cost control as per contractual procedures, objectives and requirements.
- Conduct investigating requirements to estimate and control cost data.
- Support administrative and organizational activities to perform cost analysis and estimation.
- Verify scope trends and estimate costs by using contract terms.
- Execute schedule change management process to submit changes.
- Developing Contractors KPIs hence classifying them.
- Attending meetings with the Client and represent him and communicate all stakeholders to resolve any issues related to projects.
- Documenting Projects work rates and lessons learned.



**Dar Al Riyadh Consultancy, Jeddah Main Municipality PMO, Jeddah**  
**Interface Consultant and Project Manager Assistant.**  
 Apr 2018- Jun 2019



<b>Project</b>	<b>Utilities Projects Coordinator (Quality and Safety Requirements Oversee Project)</b>
<b>Client &amp; Location</b>	Jeddah Municipality PMO/ Saudi Arabia
<b>Project Description</b>	Supervision of Safety and quality procedures of utilities contractors in Jeddah city
<b>Project value</b>	23.000.000 SAR for the Supervision Contract
<b>Responsibilities</b>	Coordinating, Reporting, Evaluating KPI
<b>Role</b>	Project's coordinator and Assistant project manager

**Key Responsibilities:**

- Coordination between various utilities projects and Providing scientific and technical advice and opinion to the client in all matters relating to the work of the Office for the Coordination of Projects Implementation in terms of attending meetings with the Client representative or representing them and activating mechanisms of coordination with various utilities and other stakeholders, as well as evaluating the current situation in order to reach the application of the specifications of civil works in extending the utilities in terms of quality and safety for the whole stages of excavation work from issuing the work permit to closing the work order and removing the contractor's party and making recommendations and discussing them with the client representative.
- Check Quality of deliverables and assure that all procedures done perfectly to ensure that the work zone back as it was before dig.
- Supervising and monitoring the application of safety procedures for the work of utility contractors and evaluating traffic safety in these work sites.
- Prepare and follow up the Projects implementation plans and Coordinating among the different utilities to prevent the conflict at each present and future.
- Manage all the issues related to civil works, Baladiyah permits, and other issues which may cause any delay or stoppage in project.
- Support & coordination with other administrations, Review Time Schedules and approving.

- Evaluation of Asphalt design mix, Grading and Asphalt pavement condition, Review Asphalt and lower down-filling tests hence approving Disclaimer from the contractor towards the municipality.
- Review the trench shoring for the deep utilities' excavation as per Specs.
- Provide regular project status reports and project documentation.
- Guide field teams for the preparation of relevant reports.
- Participate in project meetings to review project progress, threats and consequences.
- Continuously updated plans for using by senior management and team members in direction setting, decision-making and general status updates for the projects and setting KPIs.
- Monitoring Daily City utilities work zones especially emergency work permits, controlling hazards and Provide on time report on utility work zone progress status to the senior management.
- Assist the project manager in Setting all consultant project management plans, Setting the project WBS hence time schedule and follow up with updates and needed reports.
- Linking between project manager and team members.
- Controlling and auditing Safety of pedestrian and traffic, reporting and discussion with the client and the other stakeholders of all tasks required by the supervisor engineers in the weekly meeting and raise recommendations to the client.
- HSE Management Plans (HSE-MS) for all underground utilities, Knowledge of HSE Policies, and Loss Prevention Program,
- A good knowledge of safety international codes such as APWA, ANSI, ILO / WHO, IEA, ASSE, BOHS, AIHA, FMEA, OHSAS, ISO14001, OSHA, NEBOSH, IOSH.
- Response to Prepared Pr-Qualification Questionnaire and New Tenders.
- Expert in Accident / Incident Investigation and Raising Reports with Recommendations according to NEBOSH IGC frame work.
- Emergency Response Plan (ERP),
- Hazard Identification and Communication Analysis (HICA),
- HSE Training for the competent persons for Safety Rules (almost Starting from Scratch),
- Guide Contractors for Implementing HSE.
- Setting Monthly & Weekly Safety Analysis Reports, Risk Assessment, Analysis and Risk Response plans.
- Related work Data Analysis and Presentations Preparation.
- \*Restructuring Municipal Violations and Fines System of Utilities Projects as per MOMRA Specs.
- Develop Key performance indicators (KPIs), Updating, Reporting and Classification of utilities contractors at municipality of Jeddah.
- Setting up utilities technical (Safety and Quality) Reports for the President of Jeddah Municipality and his Vice Manager.



**Dar Al Riyadh Consultancy, Modon Authority, Dammam**  
**Senior Civil Engineer / Factories Zone Manager.**  
**Apr 2018- Jun 2018**



#### **Key Responsibilities:** **Senior Civil Engineer**

- Efficiently managed the Civil and Infrastructure works, meeting monthly rollout targets and the agreed level of Quality.
- Supervised all the civil construction activities, coordinated drawing approvals, liaised with consultants, Architects, clients and customers.
- Studied conflicts and problems related to works and resolved them in coordination with all concerned.
- Efficiently coordinated with the project team to achieve the progress of work as planned with desired quality so as to deliver highly productive work and delivery as per schedule.
- Provided data of Site Progress for Daily and Monthly Progress Reports to be submitted to the Consultant.
- Coordinated with other disciplines, in-house divisions and subcontractors and raised RFIs prior to execution of works.
- Ensured that the works carried out by the contractors are in line with the contract drawings and met the relevant specifications.
- Ensured client satisfaction by providing delivery of highest quality projects / service and promptly acted on the feedbacks
- **The Company relocated me to a more important project in Jeddah City as above.**



**Dar Al Riyadh Consultancy – Eastern Province Main Municipality**  
**(Technical - Support), Dammam**  
**Senior Roads and Traffic Engineer/ Planning:**  
**Jun 2016 - Mar 2018**



<b>Project</b>	<b>Part of an urban planning project</b>
<b>Client &amp; Location</b>	Eastern Province Municipality / Saudi Arabia
<b>Project Description</b>	Eastern Province urban planning regarding traffic safety requirements
<b>Project value</b>	25.000.000 SAR, consultant contract
<b>Responsibilities</b>	Reviewing, Approving, Evaluating
<b>Role</b>	Sr Traffic Engineer / Planning

#### **Key projects:**

- **Al Man'ea and Alwasat Hospitals (Dammam branches)**
- **Al Dhran Boulevard, Union Square, Abis Adajio, Somerst, Tarek Al Jafary and Talal bn Turkey Prince hotel.**

### Key Responsibilities:

- Conducted Traffic impact analysis, Traffic Motion study including data collection, vehicle parking, entry and exits etc. to the surrounded roads to Submit the details to the Municipality and to obtain formal permit from them
- Evaluated the operational performance of the existing road network considering all road users and road safety
- Set up the Roads and Streets Guide Signs Manual, as it is seen on this link ([www.eamana.gov.sa/About/Work/Pages/GuideBoards.aspx](http://www.eamana.gov.sa/About/Work/Pages/GuideBoards.aspx))
- Evaluated Existing Signage of Roads, Streets and Districts.
- Studied the traffic flows, road and junction capacity and traffic models.
- Carried out evaluation of road improvement schemes and the development of junction improvements with supporting traffic analysis.
- Developed transport and engineering solutions and recommendations for reducing congestion.
- Set up Traffic Safety and Roads Accessories, Projects Tendering Docs and estimate costs.
- Studied Basic Time Schedules (Baseline) and Conducted Primary Risk analysis and monitored, controlled execution phase by review of time schedules.
- Prepared presentations, technical notes, working papers, letters, technical reports and drawings for further review and appraisal by the Head of Traffic Engineering.
- Represented the Traffic Engineering team through attendance of internal meetings and meetings with external organisations / stakeholders.
- A good knowledge of roads international codes such as AASHTO, AASHTO GREEN BOOK, FHWA, MUTCD, Local Codes of the Transportation ministries of USA, Saudi Arabia.
- **Company relocated me to MODON Authority Factories Zone, since the Eastern Province Municipality Project was closed.**



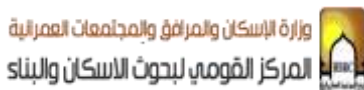
**DAR Al Riyadh Consultancy - Makkah Region Development Authority,  
Makkah**  
**Senior Civil Engineer (Structural and Roads Design) - Technical Support.**  
**Jun 2015 - Jun 2016**



Project	Holy sites development including buildings and infrastructures
Client & Location	Makkah Development authority
Project value	18000000 SAR
Responsibilities	Coordinating design development, reviewing survey data and design
Role	Sr Civil Engineer

### Key Responsibilities:

- Responsible for design management of principal Roads Alignments at Holy Sites region (HL and VL) and structural Design for new proposed buildings in Muna and Muzdalifah
- Led highly technical and complex designs to ensure projects are robust and are buildable.
- Reviewed Roads Alignments designs, traffic studies, pavement design submissions and construction specifications and BOQs.
- Coordinated with multi-disciplinary design review teams.
- Coordinated key stakeholders to ensure timely securing of approvals and No Objection Certificates.
- Checked the Design Consultants monthly invoice against the work completed.
- Conducted progress meetings, resolved interface issues and chaired coordination meetings with stakeholders, consultant and design review teams.
- Managed resource allocations to ensure team members are fully utilized on the highest priority tasks
- Ensured that the requirements of all relevant Authorities and Statutory bodies are incorporated into designs as appropriate.
- Ensured compliance with the Quality and Environmental Management Systems.
- Complied with relevant Health & Safety Regulations and adopted a pro-active risk management/mitigation approach.
- Maintained positive approach in relation to partnering with the Client, the supply chain and all other internal and external teams.
- Linked between project manager and team members and coordinated between all engineering disciplines to get deliverables that meet Client Requirements.
- Ensured that the Survey Team getting the required data (areas coordinate and levels) for the all-Holy Sites Zone.
- Set up baseline Time Schedules and Conducted Primary Risk analysis.



**Research, National Centre of the Housing and Construction –  
Urban Communities Authority, Egypt**  
**Senior Civil Site Engineer & Project Coordinator.**  
**Oct 2014 - May 2015**



### Key Project:

- Construction of 69 Residential Buildings with 6 floors in each building, in 16th district including mall, school and a hospital inside the district.

### Key Responsibilities:

- Led a team of Team of 8 Junior Engineers + 6 Surveyor with the responsibility of accomplishing the construction of 69 Residential Buildings
- Performed all site activities, including planning, estimation, scheduling, client and subcontractor billing.
- Developed schematic designs and space planning of residential sites.
- Prepared blueprints, estimates & budgets for projects and monitored progress of various projects.
- Documented bills for material and services procured.

- Coordinated the project and Linked between the Project Team and the Project Manager
- Maintained economical levels of stock quantities for construction processes.
- Liaised with consultant, contractors and other govt officials regarding project matters.
- Prepared fortnightly/ monthly Progress Reports with Look Ahead Work Report, Cash Flow Statement and Cost Control Reports
- Reviewed the Contractors Invoices, EOT, Change Requests, Evaluated and reported to senior management
- **Secured transfer to Saudi Arabia to get a better career prospects opportunity**



**Alshati Consultancy - Jizan Main Municipality, Saudi Arabia**  
**Senior Civil Engineer and Project Manager.**  
**Oct 2011-Oct 2014**



<b>Project</b>	<b>Projects of the Main Municipality of Jazan</b>
<b>Client &amp; Location</b>	Jazan Municipality PMO
<b>Project value</b>	21000000 SAR, consultant contract value
<b>Responsibilities</b>	Studying technical and contractual aspects of tender docs. Supervising projects of Jazan and its 27 municipalities
<b>Role</b>	Sr Civil Engineer and team leader

**Key Responsibilities:**

**Day Shift**

- During the Day Shift led the team and coordinated with the senior management regarding the Project of Setting studies and supervision all Municipalities projects of the Main Municipality of Jazan.
- As the Jazan Municipality Team Leader, led a team of about 40 Engineers in all disciplines, Surveyors, data technicians and workers
- Actively participated in the Fallable Buildings Assessment Committee in Jazan City.
- Managed High way Construction Supervision as a consultant and team manager (Roads Construction project with a cost of 230 Million SR) (Hassan Hady Co. Project).
- Revised and approved all Jazan sub-municipalities project's Tendering Docs.
- Reviewed Project's time schedules / updates.
- Set up the consultancy firm's periodic reports, invoices and Reviewed contractor's Projects Monthly Reports.
- Attended and supported periodical project review meetings and met all stakeholders' expectations and closely monitored the projects progress.

**Night Shift**

- During Night Shift worked as Structural Dept. Chief. (Assignment, Directing and Auditing).
- Performed full Structural Design of many big administrative buildings (municipalities), residential buildings, malls, special structures and city's entrances, Steel structures and two bridges.
- Managed the Design of the new Abu Areesh Municipality Building, Abu Areesh, Military Hospital, entrances of Ardah, Jazan, Samta Cities, Abu Areesh Flyover and AL Khadraa Samta Bridge as major structural Projects.
- Investigated Structural Failures and prepared technical reports and suggested remedial measures to many construction problems with maintenance recommendations
- Set up Projects Docs (DWG, BOQ, Specs) and estimated costs.
- Provided Construction Supervision and acted as Project Engineer (PE) to many Buildings projects (all types) biggest of them being the Abu Areesh national School.
- **On transfer, moved to Dar Al Riyadh to get a better opportunity with more estimating of assignments.**

**Highlight:**

- A good knowledge of Structural and steel international codes such as ACI-(318,209), BS-(5400,8110,5896,8666), AASHTO-(ASD,LFD-LRFD, ASD), AISC, Egyptian and Saudi Arabia Building Codes helped to efficiently perform the activities.

**Fahd Jutily Contracts - Arar, Owiqiela Municipality, Saudi Arabia**  
**Civil Engineer and Projects Manager.**

**Oct 2008 - Sep 2011**



<b>Project</b>	<b>Rainfall Drainage system Owiqiela Municipality</b>
<b>Project Description</b>	Consists of Pipe lines with diameter as 1.00 to 2.00 of Rainfall Drainage system over a length of 2.00 Kilometres
<b>Project value</b>	1,680,250 SR
<b>Duration</b>	360 days
<b>Responsibilities</b>	Setting up all drawings for installation of Pipe lines of Rainfall Drainage system with all calculations of time schedules, using S-curves and ERP

<b>Project</b>	<b>Owqiela and its villages Streets illumination with Sidewalks</b>
<b>Project Description</b>	Consists of 360 Steel Decorative Lightening Columns with 12 m height
<b>Project Value</b>	7,148,975 SR
<b>Duration</b>	720 days
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Setting up all drawings of Columns Alignment with all calculations and time schedules</li> </ul>

- Supervision + Planning of All Electrical and civil work of the Project

<b>Project</b>	<b>Owqiela Entrance Improvement (Interlock for Passageway through 3.0 Km length)</b>
<b>Project Value</b>	3,332,000 SR
<b>Duration</b>	360 days
<b>Responsibilities</b>	Setting up all drawings of Public Gardens projects and setting time schedules

**Key Responsibilities:**

- Leading a large team of employees with the responsibility to deliver the projects on time within schedule and ensuring that the project operations are in conformance with applicable Specifications and meets client requirements.
- Efficiently handling the entire operations involving design, contracts, specifications, procurement, QS, projects administration etc.
- Understanding client priorities and responding appropriately, through proactive communication with client representative on day to day progress and issues.
- Overseeing all aspects of day-to-day management of the construction project, monitoring and coordinating work performed by engineering and construction team.
- Managing Cost and Budget control along with spending versus invoicing/payment plans.
- Conducting site visits, site meetings and periodical review meetings to understand and ensure work progress as per schedule and resolving any issues which may hamper the progress of the project and appraising the Management
- Closely monitoring the cost and time schedules with an eye on cost optimization and savings on budgeted cost and expediting the project ahead of schedule.

**Engineering Consultancy Centre (ECC), Egypt  
Civil Engineer (Design and Supervision).**

**Mar 2008- Sep 2008**

<b>Project</b>	<b>Manshet Sahbra hospital maintenance and finishing</b>
<b>Project Value</b>	628.345 LE
<b>Duration</b>	180 days
<b>Responsibilities</b>	supervision of total Project

**Key Responsibilities:**

- Managed of High-rise buildings manually and by using analysis programs with all calculation sheets required.
- Identified the appropriate structural system for the given structure.
- Provided construction supervision and checked the Construction method in the site and gave instructions to the contractor regarding the design and assigned specifications to ensure proper quality.
- Co-ordinated with the architect regarding the project he had designed.
- Performed Quantity Surveying of all Structural and Architectural Quantities according to Dwgs and BOQ.

**Concrete Sharm Co., Sharm El Sheikh, Egypt  
Designer and Construction Engineer.**

**Jul 2007- Mar 2008**

<b>Project</b>	<b>J. d' Costa Touristic Village Construction and Finishing in Al-Noor District</b>
<b>Project Description</b>	Consists of 9 villas RC skeleton, super lux finishing, 3 swimming pools, tennis Court, around fence and landscape finishing
<b>Project Value</b>	15.0 Million LE
<b>Duration</b>	720 days
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Setting up all as built drawings with calculations and time schedule</li> <li>• Providing Site inspection</li> </ul>

<b>Project</b>	<b>Construction of 3 Villas in Arab Sat Tourist village in Gharqana Including RC skeleton and super finishing.</b>
<b>Project Value</b>	2.5 million LE
<b>Duration</b>	360 days

**Key Responsibilities:**

- Managed all resources to finish the project within time in co-ordination with the management.
- Set up the financial invoices and followed it with the client.
- Supervised and Implemented Quantities from the site (quantity Surveying).
- Interfaced with client and other agencies on their review and approval and coordinated with client representative to deliver works according to the DWGs and specifications.
- Performed structural design and analysis of various structural items of various projects as a productive member of the design team.
- Carried out Field inspection and construction administration of different type of projects and general review the construction work to ensure the design/contract conformity.
- Provided input into or prepared schedules, material specifications, bid documentation and project performance reports.
- Assisted the senior design engineer with preparation of working drawings for structural disciplines as required.



## CREDENTIALS

### Education

- **Bachelor degree in Civil Engineering 2007** - Zagazig University, Egypt  
<http://english.zu.edu.eg/>  
Postal Code: 44519E
- **Graduation Project: Design of Structural Concrete** (Hospital + Mega Residential Building + Elevated tank) - Grade: Excellent (90%).

### Professional Training/Certifications

- PMP – PMI: May 2017
- PMI-RMP – PMI: Aug 2017
- LEED GA – USGBC: Jul 2017
- Lean Six Sigma YB – LEAN SIX SIGMA May 2017
- LEED AP (St) – USGBC, PMI-PBA (St) – PMI
- NEBOSH IGC - 2019

### Membership

- PMI (Project Management Institute) - 4785562: Feb 2017
- Saudi Council of Engineers (Expert Engineer) -161700: Jun 2011
- Egypt Engineers Syndicate - 1544/35: Oct 2007
- NEBOSH

### Computer & English Language Trainings

- AutoCAD 2D: Mar 2003
- CSI SAP: Mar 2006
- Autodesk Civil 3D: May 2014
- Conversational English: Sep 2006
- Communicative English: Feb 2005

### Notes:

### Software skills

- AutoCAD
- Autodesk Revit
- Primavera
- Primavera Risk Management
- Primavera Contract Management
- Microsoft Office
- Autodesk Infra Works
- Autodesk Civil 3D, SSA
- Autodesk Bridge
- Autodesk 3ds Max
- Autodesk Navisworks
- Autodesk Robot
- Graphisoft Archicad
- Artlantis
- Lumion
- CSI (Column, Safe, Etabs, Bridges)
- PTV VISSIM
- Staad Pro
- Tekla Structures
- Visual Basic
- Bentley (Prestressed, Storm, Sewer, Watercad)
- Microsoft Windows
- Internet

## PERSONAL PARTICULARS

**Date of Birth:** 01<sup>st</sup> Sep 1985 ~ **Languages Fluency:** Arabic (MT), English (Fluent), French (B) ~ **Nationality:** Egyptian

**Marital Status:** Married & having 3 kids ~ **Passport No:** A15100605 valid till 2023

**Driving Licenses:** Saudi Arabia & Egypt ~ **Visa:** Transferable Iqama ~ **Location Preference:** Jizan, Saudi Arabia

References available on

Remarks