

**Year of birth :** 1964

**Profession :** Senior Civil Engineer


**Nationality :** Bahraini


**Languages :** Arabic, English


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## **EDUCATION**

- 2000** - MSc in Civil engineering, Bahrain University, Bahrain
  - 1989** - BSc in Civil Engineering, King Saud University, Saudia Arabia
  - 1985** - Diploma in Civil Engineering, Gulf Polytechnic, Bahrain
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## **Key Experience**

- More than **25 years** experiences as civil and structural engineer in all phases of roads, flyovers, causeway, bridges and highways: Planning, Design and Construction Supervision phases.
  - Manage and coordinate with stakeholders and utilities authorities for more than 100 of minor and major projects.
  - Correspond and reply all the projects' correspondents and letters that involve any of the stakeholders or governmental/non-governmental authorities.
  - Well knowledge in making and producing invoices and dealing with suppliers,
  - Manage and supervise more than 200 personnel collection of engineers and technicians per project.
  - Evaluate and make annual assessments and appraisal reviews for subordinates, contractors and consultants based on their performance through the year.
  - Experience in site administration, Projects managements, financial and managerial control, quality assurance, planning and programming, material procurement, coordination with other stakeholders and utilities all over the country.
  - Deal with and resolve public complaints raised or complained by general public, municipalities or municipal councils throughout and after the project life cycle.
  - Evaluate coming/ongoing/completed projects and prepare their Quarterly, Semi Annually and Annually presentations and reports for top managements.
  - Prepare scheduled reports (weekly, monthly, quarterly, etc...)
  - Extensive experience in construction supervision of highways, bridges, flyovers, and underpasses.
  - A Good Knowledge in communication, computer skills and programming languages, such as Visual Basic, Quick basic, Micro-Station, MS. Windows & Offices, etc. .
  - Know key personnel in public and private sectors that could facilitate difficulties faced in a project.
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**ENGINEERING EXPERIENCE:**

***Major Responsibilities:***

1. Managing, Planning, monitoring and control the progress of projects and their interdependencies
2. Managing stakeholders' communication, program's budget, risks and issues and taking corrective measurements and utilizing resources across projects,
3. Handle Project(s) management
4. Prepare and manage Project planning and coordination
5. Monitor of the project's progress of works
6. Involve in the Consultants prequalification and selection process
7. Prepare and revise the project consultancy brief, term of reference, documentation and tender documents.
8. Revise the geotechnical and interpretative reports,
9. Monitor the QA / QC system implemented in the projects,
10. Supervise the ongoing projects,
11. Coordinate with Roads Utilities (Electricity, Water, Batelco & Sanitary, etc. ),
12. Study and Coordinate with Roads Planning & Design Directorate,
13. Check and follow up the projects' payments for contracts,
14. Evaluate the coming, ongoing and completed projects,
15. Joint-measurements with the Cost Engineering (QS),
16. Handle design conflicts or design changes that defer from drawings,
17. Follow up and insure roads construction safety,
18. Prepare scheduled reports (weekly, monthly, quarterly, etc...),
19. Correspond and reply all projects' correspondents and letters,
20. Write and evaluate contractors' Performance,
21. Cooperate and coordinate with consultants,
22. Participate in several strategic or technical committees within the Directorate such as PMS.
23. Pre and post tender bed evaluation
24. Resolving conflicts, negotiation, disputes settlement and arbitration resolution

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**Membership**

- Project Management Institute (*PMI*)
- Bahrain Universtat Society, *kingdom of Bahrain (2001)*
- SAVE International Value Engineering (SAVE)

**Computer Skills**

- Very good Knowledge and ability in using M.S. WINDOWS and MS Office,
- Very good Knowledge and ability in using M.S. Power Point,
- Very good Knowledge and ability in using Internet,
- Instructor of BASIC and Quick Basic Languages,
- Very good Knowledge and ability in programming using Visual BASIC Language,
- Good Knowledge and ability in using Micro-station software,

## **PROJECT EXPERIENCE**

<b>2015 -2018</b>	<b>Ministry of Works, Roads Projects and Maintenance Directorate</b>	
<b>Position</b>	<b>Chief of Special Projects Section</b>	
<b>Responsibilities</b>	Responsible for all Roads Strategic projects from feasibility study through to the design tendering and construction stages to commissioning, handover and final accounts. Monitor the inter-relationships at work with Client's Consultants, main Contractors and Sub-Contractors on the projects to ensure quality and cost effectiveness. Analyze and propose any necessary amendments to contracts, drawings and specifications in order to optimize the projects and or resolve construction issues and services conflicts. Involve in resolving conflicts and negotiating with others which may include handling complaints, settling disputes, resolving grievances and conflicts, and participate in arbitration resolution. Responsible for budgeting and financial control of projects.	
<b>2012 – 2015</b>	<b>Ministry of Works, Roads Projects and Maintenance Directorate</b>	
<b>Position</b>	<b>Head of Bridges and Flyovers</b>	
<b>Responsibilities</b>	Facilitate projects and provide a leadership to project team and ensures effective management of project mix to meet organization goals and objectives. Plan and monitor the progress of projects and supervise the preparation of regular progress reports. Supervise the design and drawings of projects assigned either to the group or external consultants. Critically analyze all design, tender and construction activities for highways and causeway projects. Review the QA/QC procedure of consultants and audit their performance and Liaise with the relevant services authorities, ministries and other government organizations. Also, involved in Pre and Post Tender Bid evaluation, and Companies Evaluation	
<b>2011 – 2012</b>	<b>Ministry of Works, Roads Projects and Maintenance Directorate</b>	
<b>Project</b>	King Faisal Highway Detour Road phase 1	<b>(BD 5.02 Million)</b>
<b>Project Role</b>	<b>Project Manager</b> <p>This project is upgrading of the existing King Faisal Highway, which involves a construction of new 3.3 km six-lane dual carriageway and 10 m footbridge pedestrians.</p> <p>The project also involves a construction of at grade Car Parks, installation of Storm Water Drainage, installation of Street Lighting, a protection and diversion of many utilities services such as, water distribution Pipelines, 220kv and 66KV Electrical high voltage cables, telecommunication fiber optics cables, sewerage and TSE pipelines.</p> <p>My main responsibilities includes the planning, design development and progressing, monitoring the progress of work, liaising with services and stakeholder. Responsibilities also include the monitoring of the work, QA and QC assessment, financial control, budgeting and future forecasting for the project.</p>	

<b>2009 – 2011</b>	<b>Ministry of Works, Roads Projects and Maintenance Directorate</b>	
<b>Project</b>	Sakheer Airbase Roads network Rawdha Palace access road Bahrain Air show	( BD 5.9 Million ) ( BD 3.6 Million ) ( BD 5.3 Million )
<b>Project Role</b>	<b>Project Manager</b> These schemes are involving construction of 21 km of flexible and rigid roads pavements (rubberized and normal asphalt), Car Parks, Aircraft Apron, street lighting, utilities ducting, drainage trenching, and carriageway and footpath improvements. The project involves planning, tender development, construction supervision and coordination with services utilities and other stakeholders.  Main responsibilities include the planning, design development and progressing, tender development, planning and programming for the project. Responsibilities also include the Managing and coordinating with all involved contractors and stakeholders, Monitoring of the work, QA and QC assessment, financial control, budgeting and future forecasting for the project.	
<b>2007 – 2009</b>	<b>Ministry of Works, Roads Projects and Maintenance Directorate</b>	
<b>1- Project</b>	<b>ZALLAQ BRIDGE AND UNIVERSITY ACCESS ROAD (BD 6 Million)</b>	
<b>Project Role</b>	<b>Project Manager</b> This scheme comprises of 2 parallel independent 7 spans continuous pre-stressed post tensioned in-situ concrete cellular decks supported on reinforced concrete piers and bank seats at the abutments spanning the existing Zallaq Highway and adjacent open terrain. The foundations are concrete spread footings founded on limestone bed rock. The overall length of the elevated structure is 240m and the overall width of each deck is 17.4m. The road works include a tie in junction from the SKBS HWY to the Zallaq Highway plus an access road from the Bridge south to the University of Bahrain. Main responsibilities include the planning, design development and progressing, tender development, monitoring the progress of work, liaising with services and stakeholder. Responsibilities also include the monitoring of the work, QA and QC assessment, financial control, budgeting and future forecasting for the project.	
<b>2- Project</b>	<b>GRADE SEPARATED INTERCHANGES 3 &amp; 4 (BD 16 Million)</b>	
<b>Project Role</b>	<b>Project Manager</b> The project consist of 2 grade separated interchange (# 3 and 4) which are comprises of two underpasses and an at grade compact diamond with 3.5 km retaining wall. The scheme is also including a street lighting, utilities ducting, a complicated drainage system, landscaping, and carriageway and footpath improvements. Duties included the pre-qualifications process and preparing the pre-selected list of consultants. Revising the Term of Reference, Project Specifications, contract documents and tendering process. Responsibly also includes the comparing of the geotechnical investigation report with the existing ground condition, monitoring and checking of all construction works on site, AQ and QC assessment, coordination and liaising with all services utilities, other contractors and stockholders involved in the project.	

**3- Project TRUCK HAUL ROAD (BD 3.05 Million)**

**Project Role Project Manager**

The works comprise the construction of a new Truck Haul Road together with the associated minor access roads of total length approximately 6.10 km. The works include site clearance, earthworks, asphalt and rigid paving, kerbing, drainage service ducts, protection of existing services, street lighting, road marking, traffic signs, safety fence etc.

Responsibility included supervising and checking of all construction works, coordination and liaising with all services utilities, other contractors and stockholders involved in the project.

**2004 – 2007 Ministry of Works, Roads Projects and Maintenance Directorate**

**1- Project King Hamad Highway Link to Durrat Al Bahrain Development (BD 24 Million)**

**Project Role Project Manager**

The scope of works comprises the construction of approximately 30 km of dual 2-lane arterial. The highway will form part of the proposed National Loop and provision exists for future widening of the carriageways to dual 3-lane in each direction. Service corridors are generally provided on each side of the carriageway.

Five grade separated interchanges are provided where minor roads intersect the main highway. A three-span pre-stressed reinforced concrete bridge carries the minor road over the main highway and service corridors at each interchange.

The works include road in cutting using blasting system and on embankments, drainage and culverts, paving, road lighting, marking and signing, safety barriers, relocation/protection of services and construction of about 3km length of boundary wall to Sh Isa Air Base.

Site responsibilities included the monitoring of all construction works which involved the testing of all materials in accordance with relevant specification/ contract documentation, certification/approval of all site measurement including the "final measurement" in addition to the approvals of all site variations/additional/alternation and any technical related queries.

Responsibilities also include the coordination and liaising with all effected services and stakeholder, and monitoring of the QA and QC system, financial control, budgeting and future forecasting for the project.

**2- Project Shaikh Khalifa bin Salamn Highway – Phase V / Stage 1 (BD 4.5 Million)**

**Project Role Project Coordinator**

This scheme is involving construction of 3 lanes dual carriageway of 6 km of flexible road pavements, street lighting, utilities ducting, landscaping, drainage trenching, and carriageway and footpath improvements.

The project involves planning, tender development, construction supervision and coordination with services utilities and other stakeholders.

Duties included monitoring and checking of all construction works, coordination and liaising with all services utilities, other contractors and stockholders involved in the project. Responsibilities, also, included the monitoring of QA and QC system, financial control, budgeting and future forecasting for the project.

<b>2003 – 2004</b>	<b>Ministry of Works and Housing, Roads Directorate</b>	
<b>Project</b>	Bahrain Racing Circuit access roads – Formula 1 Racing	<b>(BD 5 Million)</b>
<b>Project Role</b>	<b>Project Coordinator</b> This scheme is involving construction and improvement of 2/3 lanes dual carriageway of 7 km of flexible road pavements, street lighting, utilities ducting, landscaping, drainage trenching, and carriageway and footpath improvements. Duties included the pre-qualifications process and preparing the pre-selected list of consultants, revising the Term of Reference, Project Specifications, contract documents and tendering process. Responsibility included monitoring and checking of all construction works, coordination and liaising with all services utilities, other contractors and stockholders involved in the project. Responsibilities, also, included the monitoring of QA and QC system, financial control, budgeting and future forecasting for the project.	
<b>2001 – 2003</b>	<b>Ministry of Works and Housing, Roads Directorate</b>	
<b>Project</b>	Wali a Ahed Flyover	<b>(BD 2.6 Million)</b>
<b>Project Role</b>	<b>Project Coordinator</b> This scheme is involving construction and improvement of 2/3 lanes dual carriageway of 7 km of flexible road pavements, street lighting, utilities ducting, landscaping, drainage trenching, and carriageway and footpath improvements. Duties included the pre-qualifications process and preparing the pre-selected list of consultants, revising the Term of Reference, Project Specifications, contract documents and tendering process. Responsibility included monitoring and checking of all construction works, coordination and liaising with all services utilities, other contractors and stockholders involved in the project. Responsibilities, also, included the monitoring of QA and QC system, financial control, budgeting and future forecasting for the project.	
<b>1997 – 2001</b>	<b>Ministry of Works and Agriculture, Roads Directorate</b>	
<b>Project</b>	Sh. Khalifa Bin Salman Causeway Project	<b>(BD 17.3 Million)</b>
<b>Project Role</b>	<b>Project Engineer</b> This scheme is involving construction, widening and rising of an approximately total length of 6500 meters causeway, which is consisting silt removal, sea bed stabilization, dredging work, armoring and environmental control. Responsibility included monitoring and checking of all construction works, which included the hydrographic and topographic surveying, excavation and filling under the seawater, selecting, testing and placing of quarry run materials and rock armours, placing of filter layers, under layers, geotextile, sea dredging and embankment works.	

## Mohamed Mohsin Abdulla

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<b>1993 – 1994</b>	<b>Ministry of Works and Agriculture, Roads Directorate</b>
<b>Project</b>	Sh. Isa Bin Salman Causeway Project (BD 10.9 Million)
<b>Project Role</b>	<p><b>Civil Engineer (working with Dar Al-Handasa consultant)</b></p> <p>The scheme was consisting of five spans dual three lanes Highway Bridge over a new navigation channel. For my part I assisted the consultant in supervising the works carried out by the contractor which consist of pilling, steel fabrication and fixing, foundation works, dewatering, concreting, water proofing, installation of cathodic protection system, bridge segments erection, and pre stress concrete works.</p> <p>Responsibilities included monitoring of progress of work and checking the steel fixing process as per the detail drawings, follow up the steam curing presses, recalculating the expected elongation of the strand after loading the bridge.</p>
<b>1989 – 1992</b>	<b>Ministry of Works Power &amp; water, Roads Directorate</b>
<b>Project Role</b>	<p><b>Civil Engineer</b></p> <p>More than three years of work with various departments forming the Roads Directorate, namely, Traffic Planning &amp; safety Department, Highway Design Department, Roads and Bridges Maintenance Department, Construction Department. During this period I had also worked with other associated divisions such as, the Surveying Group, Material testing Laboratory Division and Quantity Surveying Division.</p> <p>Responsibilities included supervising of the construction of roads throughout the Kingdom's network, which started with soil investigation, topography surveying, quantity surveying, soil improvement, drainage installation, asphaltting and liaising with service authorities. Other minor activities include road alignment and drainage design works.</p>
<b>1989 – 1989</b>	<b>GEMAC (General Engineering &amp; Management Consultants)</b>
<b>Project</b>	<b>Construction of water Pipelines</b>
<b>Project Role</b>	<p><b>Civil Engineer</b></p> <p>Supervision of construction works in the water main pipes network in Kingdom of Bahrain. The works included surveying works, excavation of trenches, ensuring safety, placing main pipes, pressure testing, and preparation of as built drawing.</p>

### **Some of Seminars attended and Courses/Certification awarded:**

- 2018 Engineering Arbitration and FIDIC Contracts, GCC commercial Arbitration Centre
- 2015 15th PMI-AGC International Conference 2015
- 2014 Project Management Professional (PMP) course at MMT institute
- 2014 Save value engineering course
- 2013 9<sup>th</sup> International Concrete for sustainable Construction Conference and exhibition.
- 2012 3<sup>rd</sup> International Road Federation (IRF) Middle East Regional Congress & Exhibition
- 2009 Business visit to Italy, representing the Ministry of work, to check the tiles manufactured for Hamad town underpasses. The first underpass tiled in Kingdom of Bahrain.
- 2008 Quality Control of Highway Construction, Gulf Road Engineering Society.
- 2008 Middle East Conference "Setting the ITS Roadmap", Bahrain
- 2007 Surface and sub-surface Drainages and culverts design, Conducted by Niziht.
- 2006 Workshop on Safety in Yunnels & Underground Structures, AITES & ITA.
- 2006 Professional project Management, Projects Management Institute.
- 2005 Writing and Evaluating Consultant Prequalification, Bahrain Society of Engineering.
- 2005 Writing and Evaluating Construction Specification, Bahrain Society of Engineering.
- 2005 Construction of International Federation of Consulting Engineering, Kuwait University.
- 2005 Second Conference of Insights on Successful Engineering Practices, Kuwait University.
- 2005 Landscape Urbanism, Bahrain society of Engineering.
- 2002 Presentation Skill, The Bahrain Society of Engineering, Conducted by GBM.
- 2001 Visual Basic programming language, Al-Bayan Institute.
- 2000 Effective Project Control In the Millennium, The Bahrain Society of Engineering.
- 1999 Roads Safety Audit Technique and Accident Investigation & Prevention. The General Committee for Road Safety
- 1997 Site Administration and Management, Bahrain Training Institute.
- 1996 Site Investigation and Ground Evaluation, Bahrain University.
- 1995 System Engineering, The George Washington University.
- 1995 ISO 900 Introduction Seminar, Summit Quality Associates ( SQA ).
- 1992 CPM Scheduling in Project Management & Claims, ISL COMPTECH.
- 1992 An Introduction to Technical Report Writing, Bahrain Training Institute.
- 1992 C Language programming, Bahrain Informatics Computer Institute.