

KUSAY SALIH

Senior Civil Engineer

Career Summary

An experienced, Senior Civil Engineer, with diverse background of sixteen years overseas and eight years in UK, 'Scotland and London'

- Solid foundation in project management for infrastructure projects at senior level,
- Structural construction background.
- Proven experience in construction and field engineering,
- Cumulative experience in cost estimating, cost monitoring and, building surveying, and QC
- Good experience in planning and scheduling.
- Health and safety at work and risk assessment.
- Excellent communication and team building skills.

Scientific Contributions and Achievements

In 2008 I started an ambitious engineering project aimed at creating better residential environments with less cost and effort. In 2009 I was granted a certified invention patent. It was the first step on a long road of continual development of this idea.

In 2010, I began to adapt my research to suit the UK environment, yielding another generation of '**prefabricated residential units**'. I am coordinating with ICASS 'Innovation Scotland' and Interface, and also collaborating with Paisley, GCU and other Universities in Scotland in order to put this invention on the market soon. My aim is to leave a better world for the coming generations.

Key consultancy role,

I coordinated with the key engineering staffs in the "Iraqi Ministry Of Housing", trying to support in finding the best "Fast Track housing systems" can suit the middle east region, and to cover the urgent housing needs or shortage, which estimated as "three Million units, need to be covered before 2019", such support was through preparing the needed feasible and technical studies and presentations, for the suggested systems, which are the MGO insulated boards system and the ICF System,

Currently "2014" there are two housing projects of 140 million dollars, being using the ICF system for the first time in Iraq, there is an upcoming project "camping" supposed to be carried out using the MGO system.

Work Experience

MIB Group

Wheatstone House, London, Housing Project

Feb 2018- Present

Site Manager:

The project located in Chiswick Sq., consist of eight floors accommodation flats, The mine contractor is L&Q, the MIB contract is to install the Exterior wall, "Y. Wall boards, Rock Wool, Render " two coats with mesh", then Brick Slip installation, my tasks is to control all the mentioned activity on daily bases, maintain the quality, production rates and coordinating with the client, the sub-contractors on site, and all other parties like NHBC, in order to achieve the challenging time schedule,

Key skills

- Construction Management
- Field Engineering
- QA/QC
- On site Planning and scheduling
- Health and Safety Assessment
- Land Surveying Experience
- Quantity Estimating
- Design analyzing
- Geotechnical

Fields of Experience

- Infrastructure projects
- On shore Oil & Gas
- Pipeline networks
- Power stations and transmission lines
- Road, Highways and Bridges

Academic Qualification

BSc (Hones) 1981-1985
Civil engineering
University of Technology
Baghdad

Driving license

Provisional UK
Full International

Membership

Iraqi ENG Union Chartered
ICE
CSCS

Contact Details

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MIB Group:**Apr 2017- Feb 2018****Student Accommodation, Glasgow, North Hanover St:**

Thirteen stories building close to Glasgow Calidonian university, Scope of work included installation of exterior wall "MetSip" panels with all insulation and EPDMs, the daily tasks is to ensure that the job carried out according to the drawings, and method statement, availability of resources, maintaining health and safety, overcome any delay or mistake to achieve the critical time chart.

MIB Group**Dec 2014- Apr 2017**

Karbala Refinery, considered one of the biggest project with 7 billion \$ budget, the client is the Ministry of Oil and the main contractor is JV of Hyundai, GS and SK, all well-known Korean companies.

MIB Scope of work was the temporary facility camp "54 million \$", the capacity of the camp is 20000,0 beds, with all facility building like accommodation, restaurants, clinics, laundries, community halls, fire station, Gyms etc.

I was the project manager, carried out all the management tasks, like preparing the site, liaising with all teams, like architects, buyers, estimators, surveyors, construction teams, also coordination with all prefab factories which are supplying the accommodation units, other responsibilities included; assessing/developing the work program trying to avoid any deviation, coordination with all site teams to maintain the HSE policy, coordinating with client to maintain the quality, scope of work and time lines

AL Bilad General Contracting Ltd/Hill International**FEB 2012- Nov 2014**

Al Zubair Housing Complex, The project is an integrated housing complex including thirty buildings of six floors each, a mall, health clinics, nurseries and schools. WT plant, WWT compact units,

The consultancy and the residential engineering is the responsibility of Hill International.

Chief role as Construction Manager, the tasks include; preparing the site and leading different working teams for carrying out the daily activities with the needed quality, time schedules. Determine all the, site needs, like work force, equipment etc., inspect and review the documents like method of statement, H&S plans, the executional drawings. Obtain all the permits and licenses, Prepare contracts and negotiate revisions, changes and additions to contractual agreements with architects, consultants, clients, suppliers and subcontractors, Supervising the subcontractor's staffs to meet the needed quality, and safety standards, Discussing the planning Schedule ahead to avoid, Any deviations, liaising with other construction professionals such as architects, engineers, buyers, estimators and surveyors before construction work start, making safety inspections of the site when work is underway.

One of the challenging situations is to maintain the Quality standards, time schedule though harmonize and prevent any interference when carrying out big number of tasks "relatively" in different buildings and different stages, like the RC beams and slabs in some buildings, foundations in others, utilities and finishing teams, all in the same time and different buildings, also carrying out special structures like RC and steel storage tanks for the water intake, sedimentation, filtration etc, for the WT plant, the HV substation foundations and steel transmissions towers, the special curtain wall skylight/ceiling for the mall etc.

Laing O'Rourke**UK****FEB 2011 – JAN 2012**

Vale of Leven Medical Center, Alexandria, Glasgow.

Site Manager

Responsible for working closely with the end client on various constructions and civil engineering programs, creating detailed plans, monitoring/updating progress, critical path analysis, value engineering analysis. Essential QC tasks, Duties including ensuring that all assigned work is completed on time and within agreed budgets, supervising projects, including contractors & subcontractors, setting out Project works in accordance with Drawings & Specification, producing and processing financial measurements, Safety Risk Assessment evaluation.

Carillion Building**UK****Feb 2010 - Jan 2011**

HMP Low Moss Project, Glasgow

Construction Project Engineer,

Key skill

- Construction Management
- QA/QC
- On site Planning and scheduling
- Health and Safety Assessment
- Ground work supervision
- Land Surveying Experience
- Quantity Estimating
- Design analyzing
- Geotechnical

Fields of Experience

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Performed Construction Project Engineering Duties on site carrying out different tasks, from supervising and surveying to estimating and quality checking. Performed site investigations, checking and preparing as build layouts for various purposes. Project planning & scheduling of key Civil construction tasks & coordination across multi disciplines. Maintaining Quality standards on daily bases

ICASS & PAISLEY, GCU UN UK Jan 2008 – Jan 2010
Prefabricated Residential units

Design Engineer

As mentioned above and based on certified invention, worked in con-junction with Glasgow & Paisley University in the conceptual design of modern residential units for permanent and temporarily usage e.g. emergency situation, the work was including contributing to all the core tasks in the design phase, testing the prototype, preparing the feasibility studies. Designed utilizing AutoCAD software.

Qatar Trade INT/Northrop Grumman IRAQ Jan 2006 - Jan 2008
Communication tower 150 meter height

Construction Team Lead

Construction Team Lead on the installation of 150 Meter Communications Tower. Duties included direct supervision of all key activities across Civil & Structural disciplines, coordination between the regional HQ & client. Supervised the specialized Rigger Teams in the Tower erection & installation with zero safety incidents, played a key role in the Health & Safety management during the project. Also maintain the quality standards.

Tigris Enterprise /Amec IRAQ Jan 2004 - Dec 2005
Industrial Complex Refurbishment

Assistant Manager - Civil Department, key QA/QC

Performed Assistant Manager Duties in the conversion & refurbishment of five major factory assembly buildings, Duties included, Preparation of formal reports on all aspects of the project, Coordinating with the procurement team, performing safety Inductions & progress evaluation, one of the challenging items is to improve the quality standards through building strong monitoring system and certifications to save the time and efforts

Studying, analyzing and solving the challenging difficulties that faced the work progression & execution.

Mid Contracting/ Bechtel IRAQ April 2003 - Jan 2004
Basra Children's Hospital

Resident Engineer

Roles & Responsibilities included liaison between Client & Contractors, supervision & Project Management. Project included the supervision of Pile manufacturing & Pile driving (2000 off). Other duties included building foundations. During this project I performed an effective role alongside the field engineering teams & also coordination with the relevant governmental parties.

MOI-General INST of Roads and Bridges IRAQ Feb 2002 - Jan 2003
Three heavy duty crossovers project

Project Manager

Key role in construction of three heavy duty crossover installations. Duties included Project Management, Liaison between the Client & Sub Contractors throughout the project including

Date of Birth
1963

Nationality
British citizen
Iraqi origins

Languages
English
Arabic

Software Skills
•Microsoft Word.
PowerPoint
•Microsoft project
•Auto CAD, 2D
•Primavera
•Excel

Personal Skills
•Strategic planner
•Organized
•Analytical
•Creative
•Adaptable
•Resourceful
•Problem solving

Hobbies
•cycling
•Reading
•Writing:
Member of Scottish Pen Writers
Member of Exiled writers Ink
Have many publications in USA,
Canada and Brazil

Reference
Current Employer
Available on Request
Personal
Sur Reid Sexton

maintaining performance against schedule commitments, preparing all the needed geotechnical tests, and other quality tests for asphalt and concrete, monitoring cost and scheduled time lines.

MOI-Institute of Electrical projects IRAQ May2000- Feb2002
GHAMMAS power substation

Project Engineer

Project Engineer in the construction of Ghammas Power Substation. Key Executional role in the construction of special concrete structures inside the substation and the construction of the Transmission Towers for the High Voltage power lines. Duties included safety management & supervision, survey works field ground works & land surveying activities.

MOI-General INST of Water/Waste water IRAQ Mar 1998 - Feb 2000
BASMAYA Waste Water Treatment plant Extension

Project Engineer

Project Engineer in the construction of new waste water treatment plant extension. Responsible for various Civil works for project duration, duties included execution of all Civil works for example, ground works, steel & concrete structures, aeration treatment chambers, installation all treatment system enabling works - pipes, pumps, filters, recycling stream, slug units etc.

MOI-General INST of Dams and Reservoirs IRAQ Oct 1994 – Dec 1997
Al UDAIM Dam

Civil Project Engineer

Key roles in the construction of the Al Udaim Dam which consisted of two part structures, soil structure wings & the concrete middle section. Duties included construction coordination, QA/QC, design verification & soil laboratory liaison. I was engaged in various phases within the project for example, compaction works of the dam soil part, the concrete structures molds of hydraulic cut tunnel & the steel structural works of the dam submerging gates.

MOI-FAW General CO IRAQ Jan 1992 – Aug 1994
Baghdad Tower

Civil Planning Engineer

The slip form system that was used in casting the reinforced concrete structure of the tower had given special importance to the planning role that I carried out. I performed a key role within the planning team to coordinate & schedule the weekly milestones within all Civil & Structural aspects of the Project. Duties included coordination & liaising with procurement departments to maintain performance against schedule project deliverables.

MOI-FAW General CO IRAQ Feb 1990 – Jan 1992
The Two Layers Bridge

Construction Engineer

The project is one of the important "concrete structure bridges" which included 2.5 km of connective road and highways.

Sole responsibility is supervising the site working teams, maintaining the required qualities to meet the standards, and also maintaining the time scales, preparing all the needed reports, road's tests and Geological/Geotechnical Surveys, cost monitoring, liaising with onsite designing team, helping with workshop drawing, reviewing & implementing design enhancements where required. Health & Safety management, leveling and land surveying,

MOI- Bechtel IRAQ Jun 1988 – Feb 1990

The Middle region Oil refinery project

Resident Engineer

Active role in the execution of civil and structural installations throughout many sections of the project including 25+ KM's of ductile pipe line installations, construction of onsite factories for pre-fabrication of steel structures, components, modules & sandwich panels. Key Role & responsibilities – Onsite Resident Engineer, duties included QA/QC, project management & Health & Safety.

Ministry of Defense

IRAQ

Dec 1986 – Jun 1988

Southern connective roads net

Setting out Engineer

Key role in the execution of 100+ KMs of connective roads in the southern region of Iraq, Maintaining the quality standards were the key challenges for this project because of the compressed time schedule and also because of the military operational risks during the first gulf war. The work included installations of all the needed fixtures and equipment for example, floating bridges and temporary crossovers. Roles & responsibilities included land surveying, planning, site supervision, sub grad test, bearing capacity, and all necessary geotechnical tests.