### PERSONAL DETAILS

Name: **Kevin Alan Holmes BEng MICE CEng**

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Years’ Experience: 27

Nationality: British

**EDUCATION AND QUALIFICATIONS**

Oct 1999 Chartered Civil Engineer (Engineering Council Registration No.522403)

June 1997 ICE Civil Engineering Law and Contract Procedure (Papers I and II)

1988-1991 University of Birmingham (UK) BEng (Hon’s) Civil Engineering Class 2(I)

**PROFESSIONAL MEMBERSHIP**

Corporate Member of the Institution of Civil Engineers (Membership No.47506623)

**SUMMARY**

I am a Chartered Civil Engineer and project manager with 27 years’ experience on large scale, complex, multi discipline infrastructure projects in UK and Middle East across Government, Military, Real Estate, Oil & Gas and Port sectors. Employed by consulting, project management and client organisations, I have worked on transportation & highway projects; on/offshore mixed use developments; military air base facilities; remote O&G fields; and port facilities.

Key experience includes: | buildings, warehouses, camp facilities | roads, bridges, airfields, marine works | sewage treatment plants, deep gravity sewers | HV/LV electricity sub-stations | fuel and chemical handling facilities | water networks, sewerage, irrigation, fire-fighting networks, district cooling & gas networks | HV/LV/ELV electricity and telecommunication networks.|

Key skills include: | project management | master planning & concept development | design management & review | tender & contract preparation & management | commercial management | construction management | management of consultants and contractors | project handover |

**CAREER PROGRESSION**

**March 2018 – Present Newhaven Port Authority, UK – Port Engineer**

**April 2016 – Feb 2018 HAJ Project Managers, Bahrain**

Infrastructure Senior Project Manager- Al Muharraq Development (3,000 villas)

Post contract delivery of all primary infrastructure including:

* Water distribution station comprising ground storage tanks, elevated storage reservoir, pumping station and transmission pipeline (FIDIC Design & Build).
* Deep gravity sewer, reclamation/sewage pumping station and rising main (FIDIC Design & Build).
* 3No. Primary 66kV/11kV sub-stations and 220kV, 66kV & 11kV cabling networks (FIDIC)
* Phase 1B infrastructure including: potable water, irrigation, storm water and sewage networks; telecoms civil containment works; roads and street lighting (FIDIC).

Main responsibilities include:

* Reporting to Project Director and management of PM, APM, cost consultant, programmer
* Chairing client meetings and meetings with utility authorities.
* Management of change.
* Assessment / report preparation of claims for extension of time and additional costs

**June 2011 – Nov 2015 Occidental, Oman**

Infrastructure Projects Manager/Engineer – Oman North Concession (February 2014 – November 2015)

* Lead Infrastructure Projects Team and ensure that projects are delivered within programme, budget and in accordance with company QA/QC & HES policies and procedures.
* Establish current and long term goals and objectives for the Infrastructure Department.
* Prepare project estimates, obtain budget approvals, evaluate work done and outlook expenditure
* Provide advice and guidance on project execution strategies.
* Obtain Committee approvals for tender / contract strategies, technical & commercial evaluations.
* Tender / contract management & claims evaluation / settlement.
* Develop project concepts / strategies to ensure compliance with operational requirements.
* Prepare project Scope of Works & Request for Quotations
* Interface / coordinate with Operations, Engineering, Construction, QA/QC, HSE, IT, Supply Chain and Legal departments during project execution to ensure successful project delivery.
* Direct, oversee and participate in Design Review and Risk Assessment Workshops.
* Manage / oversee consultants and contractors to ensure compliance with design standards, specifications and programme.
* Monitor and evaluate the performance of staff, provide on the job training and coaching, carry out annual performance evaluation exercises.
* Master planning of camp facilities and infrastructure at Wadi Latham Camp
* Preparation of Master Construction Services Agreement for Buildings & Infrastructure (USD90MM)

Projects include:

* Accommodation, Kitchen, Mess Hall and Recreation Facility
* Central Control Facility
* Warehouse and storage facilities
* HV & LV electrical network upgrades
* Safah to Wadi Latham to Khamilah Asphalt Road – 130km.
* Fuel Stations at Safah and Wadi Latham
* Sewage Treatment Plant (500 cum/day)

Infrastructure Project Engineer - Mukhaizna Concession (June 2011 – January 2014)

* Sewage Treatment Plant Expansion – 1000cum/day MBR units and supporting facilities.
* Airstrip Upgrade – Asphalt runway, airfield lighting and 33kV electrical sub-station.
* Jet fuel storage facility to support airfield operations
* Bucket elevator system for salt and screw conveyor systems for lime and soda ash
* Bulk Chemical Facility – 15 No. warehouses, roads and utility networks.
* Office/Control Buildings – 8 No. buildings
* Pneumatic handling facility for lime, soda ash, salt.

**July 2010 – May 2011 Reem Developers, Abu Dhabi -** Infrastructure Manager

Client’s representative for design development and delivery of roads, utility networks and marine works, on mixed use development, located on Reem Island (Site Area 200Ha, BUA 5 mil sqm). Responsibility also includes strategy development for delivery of District Cooling Plant and SNG Plant.

**Sept 2008 – Jun 2010 Meraas Development, Dubai -** Senior Infrastructure Manager

Originally employed by Meraas in similar role to Senior Project Manager at Parson Brinckerhoff; however, due to economic crisis at end of 2008 projects cancelled and took on different role preparing infrastructure budget cost estimates for project feasibility studies. Projects include large onshore/offshore mixed use developments located in Dubai and Abu Dhabi, typically ranging in Site Area from 30 Ha to 160 Ha and Built Up Area from 350,000 sqm to 3 mil sqm.

Main Duties and Responsibilities

* Review Land Use Schedule and calculate populations / demand loads / discharge rates for each utility required for the proposed project Master Plan.
* Advise on optimum BUA to fully utilize the capacity of the utility facilities.
* Review existing utility drawings and establish potential connection points to the existing utility networks.
* Prepare Bill of Quantities necessary to meet demands of the project for each engineering discipline including: marine, roads, district cooling, electricity, telecommunication network, potable water, fire fighting, irrigation, sewage, storm water.
* Prepare Budget Cost Estimates
* Monitor/Review Budget Cost Estimates to meet changing demands of the Master Plan and market forces.
* Review Consultant’s Cost Estimates during design development to ensure estimated costs remain within budget.
* Update Budget Cost Estimates as necessary.
* Coordinate with Design, Infrastructure, Marine and Procurement Departments to ensure all necessary works are accommodated within the Master Plan.
* Attend Master Planning and Infrastructure Progress/Technical Meetings to facilitate development of the Budget Cost Estimate.
* Review Consultant’s Design Reports and Tender Reports to keep up to date with design developments and market rates.
* Report to Engineering Director.

**May 2006 – Aug 2008 Parsons Brinckerhoff International, UAE**

Feb 2008 – Aug 2008Senior Project Manager (Design and Construction) - Infrastructure

Universal City (Tatweer) – Residential, Hotels and Theme Park, Dubailand

Site Area 250Ha. BUA 1.2mil sqm

Apr 2007 – Jan 2008 Project Manager (Design) - Infrastructure

Dubai Design Centre (Nakheel) - Mixed Use Development

Site Area 100Ha. BUA 1.8 mil sqm.

Scope of Works

Geotechnical investigation, landscaping, roads, bridges, EHV/HV/MV electrical networks, district cooling, potable water, fire fighting, irrigation, telecommunications, sewage and storm water networks. 132kV and 11kV substations, district cooling plant, sewage treatment plant, sewage pumping stations and storm water detention ponds.

Main Duties and Responsibilities as Senior Project Manager

* Development of Masterplan and Logistics Plan.
* Coordination with Client, end user, authorities and other consultants/contractors.
* Coordination with service providers for District Cooling and EHV networks..
* Preparation of Requests for Pricing (RFP)
* Management of Consultants and Contractors.
* Delivery of work to meet requirements of Programme.
* Review and approval of Infrastructure Master Plan and infrastructure programme,design drawings/reports.
* Preparation of cost estimates.
* Certification of work executed.
* Interviewing/Assignment of Staff.
* Chairing Progress and Technical Meetings.
* Reporting of Monthly Progress/Costs
* Closing out of consultants contracts.
* Reported to the Design/Construction Executive and responsible for 4 Discipline Project Managers, a Quantity Surveyor and 2 Construction Supervisors.

Aug 2006 – Mar 2007Construction Manager (Temporary) - Roads and Utilities

Palm Jumeirah (Nakheel), Dubai

May 2006 – July 2006 Construction Manager – Dredging and Land Reclamation

Al Raha Beach Development (Aldar), Abu Dhabi

**Aug 2005 – April 2006 Qatar Petroleum, Qatar**

Senior Infrastructure Engineer – Education City

Design reviewer for infrastructure and supporting facilities on an 800 Hectare site at Education City including:

* Roads, underpasses, underground car parks
* Foul sewage, storm water, potable water and irrigation systems
* Electricity sub-stations and pumping stations.

**July 2003 – July 2005 White Young Consulting Engineers, Qatar**

Design and Construction Manager (Roads/Utilities/Structures)-QAF Air Base

Scope of Works

The Design and Build scope of works includes facilities and infrastructure to support a fully operational base population of 10,000. A general breakdown of the works is as follows:

* 20 Reinforced concrete buildings up to G+1 (typically: operational, administration and maintenance facilities).
* Single storey warehouses in structural steel
* 25 Reinforced concrete arched storage igloos
* Concrete airlift apron and paved storage areas
* 35 km of road construction
* HV/MV electrical network and sub-stations
* Water distribution network, reservoirs and pumping stations
* Foul sewerage network and pumping stations
* Civil works for Telecommunication network
* Surface water drainage and earthworks

Main Duties and Responsibilities

* Development of Masterplan for the Base.
* Coordination with end user and other contractors
* Review and approval of facility and infrastructure design drawings and reports.
* Review and approval of subcontractors, method statements, materials and workmanship.

**Nov 2000 – Jun 2003 DHV International (UK) Ltd, Qatar**

### Sept 2002 – Jun 2003 Resident Engineer - Wakrah Wukair Road (Phase 1)

### 5 km of dual carriageway and 2 km of single carriageway

### traffic signal junction, reinforced concrete culverts

* surface water drainage, street lighting, safety fencing
* installation/diversion of public utilities

April 2002 – Aug 2002 Resident Engineer - Old Izghawa Road (Asphalt Works)

* 2 km of dual carriageway including 3 roundabouts

May 2001 – March 2002 Resident Engineer - Wakrah North Road Improvement Works

1. 5km of residential roads
2. surface water drainage, street lighting
3. Installation / diversion of public utilities

Nov 2000 – April 2001Projects Manager - Infrastructure Development Projects

* Preparation of tender drawings and documents
* Tender appraisal and report preparation

**Feb 2000 – Oct 2000 Parsons Brinckerhoff (K&D), UK**

Projects Manager - M25 Climbing Lanes Jn 16-19 and Jn 27 - 28

* Procurement and co-ordination of sub-consultants
* Programming and cost control of design work
* Preparation of tender documents
* Administration of tender procedure
* Tender appraisal and report preparation

### Jun 1997 – Nov 1999 DHV International (UK) Ltd, Qatar

Jan 1999 – Nov 1999 Resident Engineer - Zone 42 Road Improvement Works

1. 8km of residential road construction
2. 4km of footway, surface water drainage and street lighting
3. Installation / diversion of public utilities

Resident Engineer - Sumaisima Village Main Road

* 1km of new road construction

# Jul 1998 – Dec 1998 Project Engineer - North Salwa Road, West Bay and Jabor Al Naiem Infrastructure Development Projects.

* Preparation of conceptual design drawings and report for new residential developments (up to 85Ha) and link roads
* Interpretation of ground investigation
* Design of road layout and pavement construction for single/dual carriageway
* Development of grading plan
* Co-ordination of public utilities and foul/surface water drainage

June 1997 – June 1998 Resident Engineer - Salwa Road Industrial Area Road Improvements

1. 12 km of new road construction
2. 15 km of earthwork construction

## Sept 1991 – May 1997 East Sussex C C, Highways Consultancy, Lewes, UK

###### Dec 1996 – Jun 1997 Project Engineer - Bridge Assessment

* Inspection / survey of triple arch bridges over railway track
* Supervision of site investigation
* Preparation of method statements and reports

Oct 1995 - Nov 1996 Projects Engineer - Traffic Management

1. Feasibility and before / after studies for traffic management schemes in residential areas
2. Collection / interpretation of traffic data
3. Development of options and report preparation
4. Representative at public exhibition

Nov 1993 - Sept 1995 Resident Engineer - Ham Bridge Deck Strengthening

1. Construction of reinforced concrete cover slab over existing, single span bridge deck

Resident Engineer - Hide Hollow Double Roundabout

1. Road, footway, traffic signs and street lighting
2. Co-ordination of Public Utilities.

Resident Engineer - Button Lane Piled Retaining Wall

1. Construction of reinforced concrete piled retaining wall using continuous flight auger method

Resident Engineer - South Saxon School Carriageway Widening

1. Planing and resurfacing work
2. Construction of reinforced concrete retaining Wall

Resident Engineer - ARE - A21 Trunk Road Maintenance

* 2km of road reconstruction on a lane rental contract

ARE - Doleham Bridge Deck Reconstruction

* Demolition of existing bridge deck
* Reconstruction of single span bridge with reinforced concrete deck slab

Mar 1993 - Oct 1993Project Engineer -Ham Bridge Strengthening Works

1. Design of reinforced concrete cover slab to BS5400
2. Preparation of contract documents in accordance with DoT Manual of Contract Documents for Highway Works
3. Tender administration and appraisal

#### Apr 1992 - Feb 1993 Projects Engineer - Bridge Assessment

1. Inspection and structural analysis of single span bridges owned by ESCC including: steel reinforced concrete, cast iron, wrought iron, brick and stone arch.
2. Inspection of DoT structures on A27 Brighton By-pass including footbridge, underpass, underground surface water holding tank and sign gantry
3. Report preparation

##### Sept 1991 - Mar 1992 Project Engineer - A259 and A23 Urban Junction Improvements

1. Detailed Design and preparation of Bill of Quantities and Specification in accordance with the Department of Transport Manual of Contract Documents for Highway Works

**REFERENCES** Available upon request.