**Kin Yau**

Profile:

Degree qualified Civil Quantity Surveyor with over 19 years experienced gained mainly within the Petro Chemical and wastewater / utilities sector. Experienced in the valuation of subcontractor applications for payment, issuing pay, measuring and pricing of variations, dealing with extension of time claims, procurement and award of subcontracts for design and build engineering packages, monthly client applications and progress meetings.

A team player who enjoys the challenges of meeting deadlines and budgets in a fast paced environments whilst maintaining high quality standards with excellent attention to detail.

Education:

# London Southbank University September 2005 – June 2008

BSc Commercial Management Quantity Surveying

# Southampton Institute September 2001 – July 2003

HNC Civil Engineering Year 1

Design Principles and Application Pass

Science and Materials Pass

Analytical Methods Pass

Management principles and Application Merit

Health and Safety Merit

HNC Civil Engineering Year 2

Group Project Distinction

Soil Mechanics and Geology Pass

Construction A Pass

Site Surveying Merit

Structural Analysis Pass

# Brockenhurst College September 1998 – June 2000

GNVQ Advanced Business Pass

# Hardley Secondary School September 1993 – June 1998

* 8 GCSE’s at grade C and above including Maths and English

# Employment History and Experience:

**August 2018 – Current**

**PBK Squared Limited – Freelance Quantity Surveyor (Senior QS Consultant)**

**MGJV – Morrison Galliford Try Join Venture**

**AMP 6 Framework agreement – Southern Water**

**Project Value** £175.0m

Project duration end 2020

**Client:** Southern Water

**Contract:** NEC Option C

**Chichester Growth Main – May 2019 - Current**

**Project Value** 14.7m

**Client** Southern Water

**Design** COWI

**Contract** NEC Option C

Laying new wastewater transfer main from the western side of Chichester to Tangmere Waste water treatment works which is approximately 10km in total. Three new waste water pumping station to also support the infrastructure. Works included Open cut rising main works, Open Road and Ductile Iron install, Shaft sinking and Directional Drilling.

**Hamble Lane Phase II August 2018 – March 2019**

**Project Value** 2.2m

Aug 2018 – Nov 2018

**Client** Southern Water

**Contract:** NEC Option C

Construction of 150mm ID structured wall PE gravity sewer from development site to existing manhole. Rebuild and upgrade manholes to new 1200mm diameter concrete sewer. Upsize existing main from 150mm to 225mm along major road. Approximate length of works 500m.

**HMS Daedalus August 2018 – May 2019**

**Project Value** 1.3m

**Client** Southern Water

**Contract:** NEC Option C

Construction of Elliptical gravity sewer and new pumping station within the developers site (HMS Daedalus Airbase); and a new rising main between the new pumping station within the developers site and Peel Common WTW. Works included civil package, directional drilling and MEICA.

**January 2015 – August 2018**

**PBK Squared Limited – Freelance Quantity Surveyor / Contract Engineering (Senior QS Consultant)**

**ExxonMobil Corporation**

**South Avenue Highway Reconstruction**

**Project Value** £5.0m

Feb2015 **–** June 2015

**Client:** Exxon Mobil

**Contract:** Exxon NEC Option B

Excavation and clearance of approximately 2 miles of single carriageway within Fawley Refinery spanning from Gate 1 to Gate 2. Works involved removal of existing tarmacadam surface and sub base and all associated kerbs and drains. Carriageway rebuilt to full highway specification.

**PS-3 Yield Improvement Project**

**Project Value** £25.0m

April 2015 – June 2016

**Client:** Exxon Mobil

**Contract:** Exxon NEC Option B

Project to increase the maximisation of Motor Gasoline production. The facility included the construction of a new furnace tower, heat exchangers and crude booster pumps. It required the integration into an existing live plant, which involved tying in existing and new pipework. Over 100,000 civil man-hours in creating a heavily reinforced concrete piled foundation.

**AC-9 Firestation project**

**Project Value** £15.0m

October 2016 – June 2018

**Client:** ExxonMobil

**Contract:** Exxon NEC Option B

Construction of a 9 bay bespoke built fire station for Fawley Refinery.

Works involved demolition of pre fabricated buildings, levelling and re-grading prior to commencement of works. A comprehensive civil package was then undertaken which incorporated, new drainage, new roadway, kerbs and concrete foundation a Custom-built pre fabricated steel structure, associated electrics and internal fit out, testing and commissioning.

**Firemain Replacement Project Phase I-III**

Project Value 6.0m

**Client:** ExxonMobil

**Contract:** Exxon NEC Option B

Phased project to remove the existing and outdated D.I firemain infrastructure and replace with GRE pipework. The project has been rolled out in 3 phases and has been worked in the worse effected areas first. Fully excavated trenches some up to 4.0m in depth supported with hydraulic shoring. Associated civil redesign of valve pits carried out during sectional process. In total approximately 500m of firemain replaced to date with 4000m3 spoil removed and disposed.

**Fawley Term Maintenance Contract – Maintenance QS – day to day activities**

* Overall quantity surveying controls of incumbent contractors on site to ensure that contract conditions are being adhered too. Looking at Civil works, Mechanical, Access, Painting and Insulation.
* Site field checks to ensure correct measurements and applicable factors are being applied in the right manner
* Solving daily issues and holding regular meetings with contractors and supervision to check and identify issues onsite early
* Controls of payments for release to contractors
* Direct report to Commercial Support Lead

**Yearly contract Value:** £100m+

**Client:** Various (25no on site)

**Contract:** Exxon Bespoke – JCT Format

**April 2014 – December 2014**

**PP Construction Limited – Senior Quantity Surveyor**

**Weston Shore Redevelopment – Civil and Groundworks package / Reinforced concrete structure. S278 and S106 works**

* Foundations for residential homes
* Foundations and Reinforced concrete structure for new parade of shops
* Drainage and road construction across development
* Gabian baskets and landscaping.

**Project Value:** £3m

**Client:** Southampton City Council / Spectrum Housing

**Engineers / Architects:** HGP

**Contract:** JCT 2011 Unamended

**Marchfield Properties, Tesco Tavistock – Car park refurbishment and S278 works**

* Refurbishment of an existing industrial car park, removal of old tarmacadam, resurface and white lining.
* Installation of new kerbs and islands to form new car park layout
* Installation of damaged gactic slot drains, CCTV survey and jetting to existing drains
* Lansdcaping works which included a comprehensive plant schedule along with knee rail installation, root barrier protection and clearance of existing bushes and shrubs
* Installation of new car park lighting
* Extension of entrance to site, incorporating new islands, tactile paving, tarmac to carriageway and footpaths, BT and Western Power installation for street lighting and Telecoms all under a Section 278 licence and agreement.

**Project Value:** £415k

**Client:** Marchfield Properties Limited

**Consultant:** Ridge

**Engineers / Architects:** Upton Mcgoughan / Inspire

**Contract:** JCT 2011 Unamended

**Croudace Homes – Binfield Foxley Lane – S278 Roadworks**

* Demolition and ground clearance of an existing bungalow to enable working area
* Installation of a new roadway for housing development – full highway road construction
* Installation of lay-by, kerbs and tactile paving
* Re-marking road layout
* Installation of 5no catch-basins to re-route surface water main to new manholes.
* Re-routing of Electrics, Gas, Water and Telecoms services

**Project Value:** £145k

**Client:** Croudace Homes

**Contract:** JCT 2011 Unamended

**January 2001 – April 2014**

**Trant Engineering Limited**

**Fawley Refinery Term Contract**

Employed originally as a Trainee QS left the company as a Senior QS. Gained experience on site of Unit Rate Work, Daywork and Lump Sum Contracts in the Petrochemical Industry. Duties included scoping and pricing of works from drawings or site visits; Tendering for new works; placing sub contract orders; running with valuations; producing cash flow reports and work in progress; invoicing; re-measures; final accounts. All within the constraints an extremely high level safety work environment.

Projects over the 14-year career involved all items listed below as well as some dedicated external projects.

* Civil engineering and building: new build
* Blast resistant protection to structures and buildings
* Facilities management
* Shutdown support: vessel cleaning, BA management, safety stand-by and fire watching.
* Firemain installations and repairs: Carbon steel, HDPE, GRE
* Oil spill response services
* Tankage rehabilitation and bunding improvements.
* Electrical services
* Building refurbishment

**Term Contract:** £70.0m

**Client:** ExxonMobil

**Contract:** ExxonMobil Bespoke – similar principles to NEC3

**Heathrow, West London and Gatwick Terminals – Runway restoration scheme**

* Refurbishment of damaged weathered runway, comprising of excavation and installation of new concrete paved sections whilst terminal in operation.
* Rerouting of existing damaged drainage; install new Heavy Duty Manholes and Aco drains to divert rainwater to new sewers.

**Project Value:** £600k

**Client:** BAA / Esso Aviation

**Contract:** NEC option B

**Birmingham Fuel Terminal Impervious Bund project Phase I to III**

* Restoration of Tank bund walls; removal of old existing brickwork walls and install new reinforced Oil and Fuel resistant concrete wall to a height of 2.1m
* Excavation and disposal of contaminated gravel within bund floor; installation of impermeable Rawell matting system drainage and reinstallation of clean gravel and shingle.
* Removal of all access entrance and exit steps and replacement of new Galvanised platforms and associated minor concrete bases
* M+E works to remove and replace all existing electrical cable tray and rerouting of water draw off pipework from Roof drains and drainage sumps. Installation of new pump to mechanically transfer overflow water to new drainage sumps
* Commissioning of new foam and fire main pipe work and mechanical tie in’s to towns water hydrants

**Project Value:** £7.0m over 3 years

**Client:** ExxonMobil

**Contract:** NEC option A – Bespoke Exxon agreement

**Esso Aviation Terminal Luton and Liverpool AVGAS A1 Jet line project**

* Supply and installation of 2 new stainless steel 8” pipelines to the loading bays to enable the distribution of AVGAS and Jet A1 fuel.
* Excavation of 2 culverts across the site access yard to house new stainless steel lines. Concrete lined culvert at a depth of 1.0m below grade and 20.0m in length
* M+E works to supply new distribution board and associated pipe work to feed new lines and associated minor civil bases
* Commissioning of pumping stations and yard access lighting

**Project Value:** £500k per terminal

**Client:** Exxon Aviation

**Contract:** Design and Build

**West London Fuel Terminal Impervious Bund project Phase I to III**

* Supply and install new reinforced Oil and Fuel resistant concrete wall and toe wall to a height of 1.7m, tied into existing perimeter wall to enable additional strength and sufficient blast loadings.
* Excavation and disposal of contaminated gravel within bund floor; installation of impermeable Rawell matting system drainage and reinstallation of clean gravel and shingle. Disposal of all contaminated materials to stockpile (onsite bio pile) and inert clean gravel offsite for recycling.
* Removal of all access entrance and exit steps and replacement of new Galvanised platforms and associated minor concrete bases
* M+E works to remove and replace all existing electrical cable tray and rerouting of water draw off pipework from Roof drains and drainage sumps. Installation of new pump to mechanically transfer overflow water to new drainage sumps
* Excavation of 2no culverts to house new WDO pipework and new firemain line. Concrete wing walls and retention plates for heavy vehicle loadings.
* Commissioning of new foam and fire main pipe work and mechanical tie in’s to towns water hydrants

**Project Value:** £9.0m over 3 years

**Client:** ExxonMobil

**Contract:** NEC option A – Bespoke Exxon agreement

References available on request