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## **EDUCATION**

1. **2012-2017 University of London**
  - Bachelor of Laws (LLB)
2. **2007-2010 The Hong Kong Polytechnic University (HKPU)**
  - Master of Science in Construction Law and Dispute Resolution
3. **2003-2006 Hong Kong University of Science and Technology (HKUST)**
  - Bachelor of Science in Civil and Structural Engineering

## **PROFESSIONAL QUALIFICATION**

1. **MHKIE - Member of Hong Kong Institution of Engineers elected in 2012 September**
2. **APMP - APM Project Management Qualification in 2015 May**
3. **R.P.E. (Structural) – Registered Professional Engineer**

## **SUMMARY OF EXPERIENCE**

### **A. Client – Project Manager in Project Management of Building Works**

1. **2021- 2023: Christian Family Service Centre – Project Manager in Transitional Housing Projects**
  - Transitional Housing Project at Cheung Shun Street, Cheung Sha Wan
  - Transitional Housing Project at Junction of Tong Yin Street and Chi Shin Street, Tseung Kwan O
  - Transitional Housing Project at Junction of Po Yap Road and Chi Shin Street, Tseung Kwan O
  - Transitional Housing Project at Po Lam Road North, Tseung Kwan O

### **B. Contractor – Project Manager - Project Monitoring / Construction Management**

2. **2023 – 2025: China State Construction Engineering (HK) Limited – Assistant Project Manager in Façade Works**
  - Chinese Medicine Hospital and Government Chinese Medicines Testing Institute in Tseung Kwan O
3. **2020: AluHouse International Trading Company Limited – Project Manager in MiC Works**
  - Penny's Bay Temporary Quarantine Facilities – Phase 2
  - Penny's Bay Temporary Quarantine Facilities – Phase 4
  - MiC Site Office for CEDD Kai Tak T2 Infrastructure Development Project
  - MiC Community Liaison Centers for CEDD Kai Tak T2 Infrastructure Development Project
4. **2011-2012: Lambeth Associates Limited (A member of the Gammon Group) – Engineer in Temporary Design Works**
  - Express Rail Link (Contract 810A: West Kowloon Terminus Station North)

**C. Consultant – Project Manager in Project Management / Contract Administration**

**5. 2017-2019: Faithful + Gould – Project Manager / Contract Administrator**

- Intercontinental Hong Kong – Hotel Renovation
- Global Switch – New Data Center in TKO Industrial Estate
- Equinix Hong Kong – HK4 Data Center Expansion

**6. 2014-2015: Ove Arup & Partners Hong Kong Limited – Project Manager**

- Kongwell Logistics Center in Tsing Yi
- Johnson Controls Institute China Headquarter in Shang Hai

**7. 2012-2014: AECOM Asia Limited – Assistant Project Manager**

- Redevelopment of Kwong Wah Hospital in Mong Kok
- ASB Biodiesel Plant in TKO Ind. Estate
- NTT's BMH Development in TKOIE

**D. Consultant – Assistant Engineer in Consultant Design Engineering**

**8. 2007-2010: P&T Architects and Engineers – Assistant Engineer**

**9. 2006-2007: Maunsell Structural Consultants Ltd. - Graduate Engineer**

## **PROJECT EXPERIENCE**

### **1. China State Construction Engineering (HK) Limited (9/2023 – 2/2025) – Senior Engineer (Acting as Assistant Project Manager for Façade Team)**

- **Chinese Medicine Hospital (CMH) and Government Chinese Medicines Testing Institute (GCMTI) in Tseung Kwan O**

- Main Contractor in design and built project for CMH and GCMTI buildings in Tseung Kwan O for all the construction works from site formation to handover to operators.

I was responsible for all the façade works (window wall, curtain wall, glass wall, aluminum cladding, zinc cladding, sun shading and maintenance platform, canopy, covered walkway, skylight, entrance plaza, GRC system, etc.) in this project for the two buildings and its associated facilities. I was responsible for management and coordination of façade contractors and architectural/facade/structure consultants for submission of all documents to ASD for approval. I was also responsible for management and coordination between façade contractors, inspectors and ASD COW for PMU tests, material laboratory tests, factory production works and onsite installation works in accordance with the approved documents. I need to access all claim documents and progress payment submitted from the façade subcontractors.

### **2. Christian Family Service Centre (7/2021 – 4/2023) – Project Manager**

- **Transitional Housing Project at Cheung Shun Street, Cheung Sha Wan**
- **Transitional Housing Project at Junction of Tong Yin Street and Chi Shin Street, Tseung Kwan O**
- **Transitional Housing Project at Junction of Po Yap Road and Chi Shin Street, Tseung Kwan O**
- **Transitional Housing (TH) Project at Po Lam Road North, Tseung Kwan O**

- Operator representatives to execute an agency agreement granted by Transport and Housing Bureau (THB) for four 4-storey height transitional housing projects located in Cheung Sha Wan and Tseung Kwan O.

I was responsible for the application of all the funding proposals for agency agreements of the 3 Tseung Kwan O TH projects to THB. Upon award of the agency agreements, I was responsible for procurement and assessment to award all the consultancy agreements of the 4 TH projects. Prior to main contract award of the 4 TH projects, being as client representative and THB agency representative, I was responsible for contract administration of the consultancy agreement, design development, project programme and cost control, procurement of the advance works and building main contract works of the 4 TH projects. The 4 building main contracts were finally awarded in April and June 2022 successfully within budget and project programme targeted to be completed in April and June 2023.

Upon the main contract award, I was responsible to oversee TH projects in Tong Yin Street and Cheung Sha Wan, being as client representatives and Housing Bureau (formerly called Transport and Housing Bureau) based on the consultancy, works agreement and agency agreements. I need to report to Transitional Housing Projects Steering Committee (THSC) in CFSC and Housing Bureau for the project progress and funding/payment/claim assessment status. Moreover, I was responsible for overseeing and managing user design expectation and operational needs to minimize any non-subverted funding to be paid by CFSC / project donors. I was also responsible for coordinating and

finalizing handover documents to facility management companies and estate management units for tenancy agreement and building operation.

### **3. AluHouse International Trading Company Limited (06/2020 – 12/2020) – Project Manager**

- **MiC Site Office and Community Liaison Centers for CEDD Kai Tak T2 Infrastructure Development Project**

- MiC Supplier for design, supply and install of main structural and fitting out works for a site office and two Community Liaison Centers under a CEDD contract. (88 and 40 MiC modules built in aluminum)

I was responsible to coordinate the factory design, procurement and installation works. And I was also responsible to monitor MiC installation works on site. I carried out inspection and rectification works on site to ensure all fitting out /MEP installations comply with client requirements. And I also liaised with users to agree and rectify all the defects after building handover. I need to issue documents / letters to main contractor for potential claim submission. I also need to coordinate with my subcontractors for any potential claim settlement.

### **4. Faithful + Gould (7/2017 – 9/2019) – Project Manager**

- **InterContinental Hong Kong – Hotel Renovation**

- Contract Administration and Lead Consultant for redevelopment of Intercontinental Hong Kong under A&A works. ( The works comprise of renovation works of the whole Building, the renovation works cover all guestrooms, podium and F & B outlets, façade and MEP infrastructure.)

I was responsible for monitoring the fitting out works, contractor submission and approval progress of three mock up rooms in accordance to contract requirements. I need to check with AP on the BD submission progress and details of the approval to ensure those A&A and minor works are carried out under BD procedures. I also need to report and issue Variation Order, check with QS on the cost estimate and to agree with client for cost and any EOT approval. Prior to the works completion, I need to work out with designers and agree with client/users for the details and programme of the improvement works to be carried out in the mock up rooms.

- **Global Switch – New Data Center in TKO Industrial Estate**

- Contract Administration and Lead Consultant for a design and build contract of a Data Center under new building works. The work comprises 5 buildings which are under two design-and-build works contracts and 3 phasing plans.

I was responsible for contract administration to respond to contractor's RFI (Request for Information) and CRI (Contractor Request for Instruction). And I need to prepare change request document for client approval and issue PMI (Project Manager Instruction) to contractor. Moreover, I was also responsible for all statutory submission and documentary control of all contractor submission. I also need to oversee all structural works construction programme; to ensure all temporary works were submitted, approved and erected on site. I also need to access and reply to contractor any claim of EOT and cost request. We need to make a recommendation to client to grant additional time and cost to the Main Contractor.

- **Equinix Hong Kong - HK4 Data Center Expansion**

- Contract Administration and Lead Consultant of A&A redevelopment works to a Data Center. The works include re-development of 3 data halls and a new office located in Equinix HK4 Center.

I am responsible for overseeing all statutory submission (BD, EMSD, WSD, CLP and DLO) with all design consultants, as well as monitor project procurement and construction progress. I need to work out a statutory BD and DLO submission strategy to ensure the design and construction procurement and construction works can be completed on time. I need to tender out, make tender recommendations and award the main and all NSC contracts. During site work, I also need to coordinate the interface works with domestic contractors (DC) employed under client. We need to access and reply to any claim issues requested by main contractor. Finally, we need to make the recommendation of any additional cost and time claim which will be covered by our Instruction.

## **5. Ove Arup & Partners Hong Kong Ltd. (6/2014 – 6/2015) – Project Manager**

- **Kongwell Logistics Center**

- Lead Consultant and Project Manager of a newly developed logistic center.

I was responsible for monitoring the foundation works progress and statutory submission status. I need to report and agree with clients on any variation works. I also need to carry out the procurement of superstructure main contract and sub-contracts works. I need to tender out all works contract, make recommendations and award the contractors finally.

- **Johnson Controls Institute (JCI) China Headquarter**

- Lead Consultant and Project Manager of Johnson Controls head office in Shanghai under new building works.

I was responsible to coordinate and to get design approval from local design institute, design/built contractor and client employed independent checkers. I need to monitor the procurement process carried out by the design and build contractors to ensure the all the design, materials and equipment are procured, submitted and approved under contract specification and client requirements.

## **6. Aecom Asia Ltd. (11/2012 – 6/2014) - Assistant Project Manager**

- **Redevelopment of Kwong Wah Hospital**

- Project Management to oversee the entire project of redevelopment of Kwong Wah Hospital on behalf of our client – Hospital Authority. The project contains several contractual package for advance works, on-site and off-site decanting, a temporary building in Kowloon Hospital, demolition works and main contract works in Kwong Wah Hospital.

I was responsible for design check on structural elements. I need to monitor the site progress of topographic survey, UU survey, building condition survey and GI works. I also need to monitor and report the decanting works onsite (They were fitting out works under term contract and they were covered under several works orders).

- **ASB Biodiesel Plant in TKO Ind. Estate**

- Aecom Asia Co. Ltd. is appointed as Project Manager for construction of a biodiesel plant for our client – ASB Biodiesel. The biodiesel plant contains several operational and processing buildings, treatment tanks and steel tanks, together with a jetty, a chimney and a IC reactor.

I was responsible to coordinate the construction works with Main Contractor and designated contractors as well as designated suppliers to meet construction programme. I need to coordinate with all design consultants for the design works to comply with local authority requirements, and

make sure the final design is in due consideration of site constraint and to be built with feasible construction method.

- **NTT's BMH Development in TKOIE**

- Lead Consultant for new construction of a new submarine cable system in Hong Kong. The submarine will be received by the seaside ducts and beach manhole (BMH) and connected to the land cables to the proposed new data centre in TKO Industrial Estate (TKOIE).

I was responsible for finalizing and to submit of all documents as required under BA14 and was submitted to BD for acknowledgement.

## **7. Lambeth Associates Ltd. (08/2011-11/2012) – Engineer (I)**

- **Express Rail Link (Contract 810A: West Kowloon Terminus Station North)**

- It is MTR project. The project includes construction of North Part of West Kowloon Terminus Station and a Kowloon Subway along Lin Cheung Road.

I was one of the Temporary Works Designer of this project. I was responsible to design two temporary traffic decks along Lin Cheung Road for Contract 810A and Contract 810B. I helped do structural modeling using Computer program (GSA). The final design was finished and submitted to RDO for comment. I also helped to design for temporary works and check for the permanent works for Top-Down construction of the permanent structure.

- **Bidding Department**

I was responsible prepare temporary works (e.g. Tower Crane Support, Catch Fan, External Scaffold, Propping System, Formwork, Strengthening Works, Precast Component, etc) for cost estimation in Building Team.

## **8. Build King Holdings Ltd. (07/2010-08/2011) – Engineer (II)**

- **HKBAC Extension to Hangar**

- It is HKBAC project in Airport. The project includes construction of 1) a steel hangar, long-span structure, 2) two ancillary concrete buildings, and 3) a EVA road.

I was Site Engineer of the Contractor. I was responsible to conduct site inspection with TCPs. And I also need to carry out all concrete works onsite with suppliers, site works and our survey team.

- **Express Rail Link (Contract 824: Ngau Tam Mei to Tai Kong Po)**

- It is MTR project. The project includes construction of a drill and blast tunnel, ventilation buildings and some ancillary structures, and two shafts with excavation depth more than 90m.

I was design engineer in the planning department of the project. I was responsible to design minor temporary works (e.g. Sheet pile, steel bridge, formwork and falsework, and cover deck etc) to the satisfaction of our operation team and Independent Checking Engineer to comply with contract specification. I was also responsible to liaise and coordinate with our design consultants and our operation team for major temporary works (sheet pile wall, pipe pile wall and secant pile wall, etc) to meet the design and construction programme.

- **Estimation Department**

I worked with estimators of Build King Holding groups for tender submission. I helped to make the technical construction method submission with assistance of specialist contractor internally and

externally. The construction methods were be advised by the commercial staff with consideration of possible commercial and financial benefit during construction planning process.

## **9. P&T Architects and Engineers (10/2007 to 07/2010) – Assistant Engineer**

- **Gough Hill Road No. 1**

- The Gough Hill Road No.1 is a residential development. A residential building with two 3-storey towers and a large 4-storey podium was built on the Peak Road. The building sits in stratum with different levels. The podium is covered by landscape area with sunken slabs more than 2m.

I was responsible for superstructure submission and incorporate any changes due to architectural layouts and site construction during construction. Moreover, I was responsible for project coordination with the Main Contractor and our Nominated Sub-Contractor for the drainage, stone cladding and window wall, etc submission and construction.

- **Burj Rafal in Saudi Arabia**

- The Burj Rafal is a new development of tall residential buildings with 4-storey basements and 7-storey podium in-situ reinforced concrete structure in Saudi Arabia.

I was responsible to conduct a detail design analysis and prepare structural drawings for construction within a very tight design period. The structural analysis and detail design was made with Etabs and Prokon. The design codes were ACI318 and UBC97 and the seismic design regime is adopted with comments of the Independent Check Unit.

- **Velodrome in Whitehead**

- It is ASD project, and the client is Hong Kong Sport Institute.

I was the TCP3 and assistant resident engineer from the RSE stream. I was responsible for contractual and quality supervision for Site Formation, Foundation and Superstructure Works. I was responsible to ensure that the structures are constructed in accordance with the specification and approved drawings.

- **Hong Kong City University Residential Hostel Development**

- The project comprises of two new residential hostels with more than 15-storey height. They are shear wall structural with transfer plates.

I was responsible for submission of superstructures for BD approval. I have taken challenge to adopt a newly approved software – Orion for detail superstructure design with tall buildings as a first attempt in P&T. Being a pioneer of using Orion for BD submission in P&T, I worked independently and thoroughly with due diligence to apply the analysis results from Orion to design reinforced concrete structures to the satisfaction of code of practice and BD department.

- **Redevelopments of Hong Kong Sports Institution**

- The re-deployments of HKSI include several new academic buildings and some public utilities. The buildings are rigid frame structures with 3-storey to 15-storey height.

I was responsible to do 1) foundation, pile cap and tie beam submission for 2 of the buildings in the project; and 2) BD submission for A&A Works of a new and modified space truss and stonecladding wall. I conduct structural analysis by approved softwares, such as Etabs, Sap 2000, Safe, Orion and Prokon, for the superstructures and foundations design. I learnt how to design socketed and driving

steel H-piles. I have assisted draftsman in drawing preparation for all framing plans, details, elevation and general notes to the satisfaction of BD approval.

#### **10. Maunsell Structural Consultant Ltd. (07/2006 to 10/2007) – Graduate Engineer**

- **10/2006 to 06/2007 - Shanghai Wheelock Square**
- **11/2006 to 10/2007 - High Tech District in Cheung Do**
- **03/2007 to 10/2007 - Jim Nui District in Cheung Do**
- **05/2007 to 10/2007 - Do Dai District in Cheung Do**
  - The projects in Cheung Do include 1) new residential building developments for tall buildings with building height about 70m to 180m, and 2) commercial buildings with building height more than 250m. They are mostly shear wall structure. All buildings comprise basement with several storeys. The large extend of structural design works for Mainland project are carried out by our Mainland colleagues in Sheng Zhen.

I was responsible to do the coordination between Hong Kong Architects and Mainland Engineers. Being a design representatives in Hong Kong, I quickly learn and get familiarized with the code of practice and submission process in Mainland China, in order to advice Architects in determination of satisfied preliminary architectural layout with feasible structural form.

- **Wonderland in Tseung Kwan O**
  - Tseung Kwan O project is new residential developments with buildings around 200m.

I was responsible to conduct structural wind load analysis of the residential buildings in accordance with the newly published code of practice of Wind Effects in Hong Kong 2004. Since the residential building is very tall and with aspect ratio larger than 6, I adopt the dynamic regime with consideration of diagonal and principle wind load into the calculation. I also helped to do preliminary foundation and raft design in accordance with local practice.