

General Eng (E&M) Co. Ltd

Revised Date : 28 Feb 2022

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Whole buildings , Development and Hotel Bedrooms Job reference

<u>Job Description</u>	<u>Job Nature</u>	<u>Consultant/developer/Main Contractor</u>	<u>Compl</u>
<u>46 Stubbs road</u> Daikin VRV HVAC work. (8 Tires Luxury rent out residential building)	8 tiers of VRV , air duct and exhaust fan installation	LnL E&M Consultant Contract : 6.5 M	Expected April 2022
<u>23 Queen's road west commercial building</u> HVAC work. (24 Tires commercial new building)	24 tiers of Fans , air duct and split units supply and installation	Richman E&M Consultant Contract sum: 2.2 Millions	Sept 2016
<u>184 - 198 Wellington street HVAC work</u> (30 tiers new commercial building)	700 ton water cooled Chillers , chiller pipe, pumps and valves, fancoils , Pau , water towers, split units and fans installation c/w air duct and insulation	Far East/ Rubicon / Nam Fung development Contract sum : 2.0 Millions	March 2015
<u>Jordan Luk Fook Jewellery building</u>	Install owner supplied Duct splits c/w air duct , control and insulation for the whole office building c/w pantry ventilation	<u>Design and Build</u> Contract sum : 1.5 Million	March 2011

Job Description	Job Nature	Consultant/developer/Main Contractor	Compl
<u>Ting Kau 13 villa houses development with VRV installations. (New developement in Ting k</u>	Install 13 set of "Mcquay" VRV for 13 villa houses in Ting Kau	Wec E&M Consultant company Contract sum : 1 Millions	June 2011

The scope of works are listed as follows;

- 1) Install 13 sets of "Mcquay" VRV to 13 block of villa houses in Ting Kau
- 2) Install VRV indoors within 3 tiers of each houses.
- 3) Connect Power with signal wires from each set of VRV outdoor to 8 to 9 Indoors.
- 4) Supply & install air duct works and filters to all indoor units.

<u>Vine Church - Main Hall Plus various function rooms , Toilets , Pantry and Office HVAC work. (Whole block)</u>	300 ton air cooled chillers , fancoils and PAU c/w acoustic lining and silensors for church	DCL / Vine Church / Sui Chong Const Contract sum : 5 Millions	July 2011
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We had Construct a complete new chiller / HVAC systems in a Ex. Cinema to a New Church Hall plus various function rooms & Offices as per Consultant's (DCL) instructions and Drawings. :

- 1) Supply & Install 2 x 100 ton "Trane" Air cooler plus acoustic enclosure on the 4/fl Roof with anti - vibration mountings.
- 2) Supply and install AHUs and PAUs for Church Hall with air duct internal acoustic lining treatment and silencers.
- 3) All the fancoils and exhaust fans are acoustic treated with silencers and acoustic internal duct linings.
- 4) "Mitsubishi Elect" VRV 18hp condensor on 4/fl Roof c/w 8 x indoor units be installed in Ground floor Coffee shop.

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<u>Chu Ko ShipYard - Chillers Overhaul plus supply & installl new cassette fancoils plus office exhasut and fresh air treatment . Final test with IAQ tester.</u>	2 tiers of office with 2x new AHUs and 2 x Ex. Chillers Overhaul.	<u>Design and Build</u> Contract sum 1.0 Millions	Nov 2011

The scope of works are listed as follows;

- 1) Overhaul the existing air cooled "Carrier" chillers with replacement of new evaporators and heat exchange condensor plus new condensing fans.
- 2) Replace two tiers of office with new chiller pipes c/w insulation and cassette fancoils.
- 3) Supply and install new AHU with active carbon filter to enhance the IAQ of the interiors.
- 4) Construct separate exhaust system in the office to pump out the exhasut air .
- 5) T&C with Cabon monoxide concentration with Humidity & temperature records for monitoring the IAQ (indoor Air quality).

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<u>Job Description</u>	<u>Job Nature</u>	<u>Consultant/developer/Main Contractor</u>	<u>Compl</u>
<u>Yoo Hoo Tower , 38 Kwai Fung Crescent</u> (16 Tiers whole block)	HVAC Design & Build Work	<u>Design and Build</u>	May 06

Contract sum : 7 millions

We had undertaken a complete HVAC design and Build work which include as follows:

- 1) Product all the design drawings include chiller pipes schematic, equipment layout , cooling load calculation
Main control cubicle circuit and panel face layout, Building management system and zone control.
- 2) Apply Pilot scheme (water tower fresh water utilities license) and liaised with EMSD, HKSAR Govt,
as to produce all the calculation and drawings requested.
- 3) The whole system consists of :
 - 2 x 400ton " Carrier" water cooled centrifugal chillers,
 - 2 x 500 ton "Mesan" circular tower with "Drift limiter" as per Pilot scheme spec.
 - 3 x 40Kw condensing / chiller pumps
 - 270 set of "Sinko" fancoils c/w air duct, chiller pipe, control and insulation.
 - 2 x set of automatic chemical treatment plant to chiller and water tower system.
 - 1 set of main control and power distribution cubicle , remote control pane and zone valves' controls c/w panel etc.

* 3) A separate booklet for above project is enclosed for your reference.

Whole buildings , Development and Hotel Bedrooms Job reference

Job Description	Job Nature	Consultant/developer/Main Contractor	Compl
<u>Repulse Bay service apartments</u>	see belows	Penisular Group	see below

We had undertaken a HVAC Work which include as follows:

- 1) Supply and install new fancoils c/w relocate of new position as per hotel's instruction.
- 2) Supply and install new heater c/w safety device.
- 3) Replace the existing chiller pipe insulation .
- 4) Co-ordinate with the Maintenance People as to install the fancoils to enable have max. accessible space.
- 5) Improve the air flow by construct and re-design the new air duct.
- 6) Perform Detail T&C before handover and undertaken stricken Noise test to achieve quietest level.
- 7) Coordinate with main contractor to complete the job with min. disturbance to the Buildings' residents.
 (ie Hole coring instead of hole punching, connect the pipe by threading instead of welding to avoid fire hazards, restrict time of hammer work and close supervision of workers' behave within the site..)

The Repulse Bay SVC apartment. (25units) Phase IV	<u>Design and Build HVAC Work</u>	Peninsular Hotel Group	Nov 05
The Repulse Bay SVC apartment. (37units) Phase III	<u>Design and Build HVAC Work</u>	Peninsular Hotel Group	April 05
The Repulse Bay SVC apartment. (23 units) Phase II	<u>Design and Build HVAC Work</u>	Peninsular Hotel Group	Aug 04
The Repulse Bay SVC apartment. (12 units) Phase I	<u>Design and Build HVAC Work</u>	Peninsular Hotel Group	April 04

Total contract sum = 7 Millions

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Hotels rooms

Job Description	Job Nature	Consultant	Compl
Disney Hotel Mock up (2 rooms)	HVAC+Elect Work	PBA	December/02

Fancoils , split units and ventilation fans c/w duct work and controls plus electrical works.

Nangyang Hotel (12 Bedrooms , Top floor Lounge and 1st Floor Ball room)	HVAC Work	Hotel Eng Dept	August/02
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Chiller fancoils, AHU and PAU system c/w Kitchen area ventilation works included fire dampers plus
 Provide Drawings and calculation sheets as to comply with FEHD/Fire Dept (HK government) restaurant code for license application.

Mandarin Hotel (Yr 2000 Mock up)	HVAC+Elect Work	Hotel Eng Dept	August/02
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Fancoils and ventilation fans c/w duct work and controls plus electrical works.

Marco Polo Hotel (Mock Up room)	HVAC Work	Hotel Eng Dept	Feb 98
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Fancoils , split units and ventilation fans c/w duct work and controls.

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Job Description	Job Nature	Consultant/developer/Main Contractor	Compl
<u>20 Peel's street - whole Block service apartment</u>	Electrical work	Raymond chan	September/01

The job scope :

Contract sum = 1.2 Millions

- 1) new 60 units electrical work c/w new electrical meter
- 2) Upgrade power c/w adding a new 2000A power line c/w cubicle , new cable laying, IDMT and panel.

St. John Cathedral (Off Blk) - Garden rd, Centra	HVAC Design & Build Work	Allan Gilbert & asso ltd	May 91
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We had undertaken a complete HVAC design and Build work which include as follows:

- 1) Produce Design drawings of fancoils layout, chiller pipe sizing etc.....
- 2) The whole system consists of :
 - 1 x30 ton " Carrier" air cooled chiller c/w pumps.
 - 17 x "Sinko" Fancoils c/w air duct, control and pipes.
 - 1 x 22hp "Daikin" Dx unit.
 - 1 set of main control and power distribution cubicle & remote control panel.