

**Material and Equipment Schedule**

**Electrical Installation**

| <u>Item</u> | <u>Material</u>                                                                   | <u>Recommended<br/>Manufacturer</u>                     | <u>Offered</u> |                   |    | <u>Delivery<br/>Time</u> |
|-------------|-----------------------------------------------------------------------------------|---------------------------------------------------------|----------------|-------------------|----|--------------------------|
|             |                                                                                   |                                                         | Manufacturer   | Country<br>Origin | of |                          |
| 1.          | Galvanised steel conduits & fittings                                              | Maruichi (Japan)<br>Nippon (Japan)                      |                |                   |    |                          |
| 2.          | Fuse switch/ switch fuse/ switch                                                  | Schneider<br>Ellison (UK)<br>MEM (UK)                   |                |                   |    |                          |
| 3.          | Cable tray / metal trunking & accessories (hot dip galvanized)                    | Lik Hung (HK)<br>Shun Cheong<br>WEW (HK)                |                |                   |    |                          |
| 4.          | Relay                                                                             | Omron (Japan)<br>Siemens<br>(Germany)                   |                |                   |    |                          |
| 5.          | Contactor                                                                         | Mitsubishi (Japan)<br>Siemens<br>(Germany)              |                |                   |    |                          |
| 6.          | MCCB Board / MCB Board / MCCB / MCB                                               | Schneider<br>MG (France)<br>Square D                    |                |                   |    |                          |
| 7.          | PVC sheathed water tight flexible conduits                                        | Adaptaflex                                              |                |                   |    |                          |
| 8.          | Adaptable boxes/ junction boxes/ base boxes                                       | GEC (UK)<br>HN-WES (HK)<br>HN-WN (HK)                   |                |                   |    |                          |
| 9.          | Exit Sign & Directional Sign                                                      | Crystalite / Hi-lux                                     |                |                   |    |                          |
| 10.         | Power cable / Fire Resistance cable                                               | AEI (UK)<br>Delta (UK)<br>Prysmian<br>Draka<br>Keystone |                |                   |    |                          |
| 11.         | PVC conduits & fittings                                                           | Kinglion<br>Umivolt                                     |                |                   |    |                          |
| 12.         | Wiring accessories (lighting switch, socket outlet, switched fuse spur unit, etc) | MK<br>Legrand<br>Schneider                              |                |                   |    |                          |
| 13.         | Light fitting                                                                     | Welight/<br>Light X /<br>Master Resource                |                |                   |    |                          |

**MVAC Installation**

| <u>Item</u> | <u>Material</u>                                     | <u>Recommended<br/>Manufacturer / Specify</u>  | <u>Offered</u>      |                              | <u>Delivery<br/>Time</u> |
|-------------|-----------------------------------------------------|------------------------------------------------|---------------------|------------------------------|--------------------------|
|             |                                                     |                                                | <u>Manufacturer</u> | <u>Country of<br/>Origin</u> |                          |
| 1.          | Galvanised steel sheet                              | Moon star (Japan)                              |                     |                              |                          |
| 2.          | Fiberglass ductwork insulation                      | Owens Corning / CSR                            |                     |                              |                          |
| 3.          | Air diffuser / Air grille                           | Golden Horse / Wysermann                       |                     |                              |                          |
| 4.          | Volume control damper                               | Trox                                           |                     |                              |                          |
| 5.          | Fan Coil Unit                                       | Sinko / International                          |                     |                              |                          |
| 6.          | Exhaust Fan                                         | Kruger / National / Panasonic                  |                     |                              |                          |
| 7.          | UPVC Pipe & Fitting                                 | RKS / Kinglion                                 |                     |                              |                          |
| 8.          | Black Steel Pipe                                    | Nippon / Pusan                                 |                     |                              |                          |
| 9           | Black Steel pipe fitting                            | PSF / Hyundai                                  |                     |                              |                          |
| 10          | Galvanized Steel Pipe                               | Nippon / Pusan                                 |                     |                              |                          |
| 11          | Galvanized Steel Pipe fitting                       | TOP / ASK                                      |                     |                              |                          |
| 12          | Flexible Duct                                       | Wyser-air / Supaflex                           |                     |                              |                          |
| 13          | Phenolic Foam Insulation                            | Kooltherm / Phenotherm                         |                     |                              |                          |
| 14.         | Close Cell Cellulose Elastomeric Insulation         | Armacell / K-flex                              |                     |                              |                          |
| 15          | Copper Alloy Gate / Globe / Stop Valve / Y-strainer | Kitz / Toyo                                    |                     |                              |                          |
| 16          | Washable aluminium air filter                       | Airguard / AFF / Golden Horse                  |                     |                              |                          |
| 17          | Control Equipment, Sensor                           | Honeywell / Johnson Control                    |                     |                              |                          |
| 18          | Damper Actuator                                     | Belimo / Siemens                               |                     |                              |                          |
| 19          | Motorized control valve (on-off / modulating type)  | Siemens / Honeywell / Belimo / Johnson Control |                     |                              |                          |

**Plumbing System**

| <u>Item</u> | <u>Material</u>        | <u>Manufacturer</u>                         | <u>Offered</u> |                   | <u>Delivery Time</u> |
|-------------|------------------------|---------------------------------------------|----------------|-------------------|----------------------|
|             |                        |                                             | Manufacturer   | Country of Origin |                      |
| 1.          | Cold water copper pipe | Wednesbury/<br>Crane or Approved Equivalent |                |                   |                      |
| 2.          | Copper pipe fitting    | Crane or Approved Equivalent                |                |                   |                      |
| 3.          | Copper Valve           | Kitz or Approved Equivalent                 |                |                   |                      |

**Drainage System**

| <u>Item</u> | <u>Material</u>               | <u>Manufacturer</u>                                     | <u>Offered</u> |                   | <u>Delivery Time</u> |
|-------------|-------------------------------|---------------------------------------------------------|----------------|-------------------|----------------------|
|             |                               |                                                         | Manufacturer   | Country of Origin |                      |
| 1.          | Galvanized Steel Pipe         | Tosa / Nippon / Pusan                                   |                |                   |                      |
| 2.          | Galvanized Steel Pipe fitting | BIS / TOP / ASK                                         |                |                   |                      |
| 3.          | UPVC Pipes & Fittings         | iPLeX / RKS or Approved Equivalent                      |                |                   |                      |
| 4.          | Valves                        | Valves                                                  |                |                   |                      |
| 5.          | Submersible Sump Pump         | Vogel (Australia)<br>KSB (Australia)<br>Speck (Germany) |                |                   |                      |

**Fire Service Installation**

| <u>Item</u> | <u>Material</u>                                                         | <u>Manufacturer</u>                                                                                       | <u>Offered</u> |                   | <u>Delivery Time</u> |
|-------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------|-------------------|----------------------|
|             |                                                                         |                                                                                                           | Manufacturer   | Country of Origin |                      |
| 1.          | Sprinkler head                                                          | Angus<br>Gem (USA)<br>Globe (UK)<br>Reliable (USA)<br>Spray Safe (UK)<br>Viking (USA)<br>and FSD Approved |                |                   |                      |
| 2.          | Galvanized Steel pipes                                                  | Nippon / Pusan /<br>Sumitomo and FSD<br>Approved                                                          |                |                   |                      |
| 3.          | Galvanized Steel<br>Pipe fitting                                        | ASK / Riken / Ring<br>and FSD Approved                                                                    |                |                   |                      |
| 4.          | Cable tray / metal<br>trunking &<br>accessories (hot<br>dip galvanized) | Lik Hung (HK)<br>Shun Cheong<br>WEW (HK)<br>and FSD Approved                                              |                |                   |                      |
| 5           | Smoke Detector                                                          | Appollo (UK),<br>Thorn, Johnson<br>Control                                                                |                |                   |                      |

**AV System for 14/F**

| <u>Item</u> | <u>Material</u> | <u>Manufacturer</u>       | <u>Offered</u> |                   | <u>Delivery Time</u> |
|-------------|-----------------|---------------------------|----------------|-------------------|----------------------|
|             |                 |                           | Manufacturer   | Country of Origin |                      |
| 1.          | LED Wall        | LEDMAN<br>Absen<br>Leyard |                |                   |                      |