

Renovation Works of Buildings SS003 & SS004

DIVISION 15 - PLUMBING AND MECHANICAL

Item	Equipment	Trademark
1.0	Split units	1. Tadiran 2. Electra 3. Gree
2.0	Split Ducted Units	1. Tadiran 2. Electra 3. Gree
3.0	VRF System	Eurovent Certificate ,COP & EER not less than 3.5
4.0	Fans	1. Chaysol 2. Woods 3. S&P 4. Nova Vent
5.0	Flexible duc	1. Amirflex
6.0	Duct insulation	1. Izocam
7.0	Air grilles & diffusers, volume & fire dampers	1. Metal Press 2. TROX 3. Beit Grilles-Locally factory
8.0	Sanitary fixtures includes: washbasin, european Toilet, and shower tray	1. Villeroy & Boch .Germany 2. Ideal Standard-UK 3. Creavit
9.0	Kitchen sinks	1. Ideal Standard 2. Blanco 3. Franke
10.0	Sanitary fixtures fittings - wash basin mixer, kitchen mixer	1. Ideal Standard-UK 1. Grohe -Germany 3. Creavit
11.0	Hangers, anchors& supports for pipes & ducts	1. Hilti
12.0	Water collectors and PEX pipes	1. Giacomini (one piece for collector) 2. Tiamme (one piece for collector) 3. Toma-Italy
13.0	Electric hot water cylinder	Locally made
14.0	Pumps-Submersable, Pressurized, Lifting, Circulation	1. Lowara 2. Grundfos 3. Wilo
15.0	Valves & strainers	1. Rafael 2. Bermad 3. Giacomini 4. Crane
16.0	Pipe insulation	1. Vidoflex 2. Armaflex
17.0	Concealed flush tank	1. Grohe 2. Schwab 3. Ideal Standard
18.0	HDPE pipes	1. Wavin 2. Plasson
19.0	Water Tanks	1. Royal 2. Arastic
20.0	Manholes	Addasi or equivalent
21.0	Floor drains and cleanouts	1. REDI 2. Nicoll or equivalent
22.0	Floor drains and cleanouts Covers	1. Italy made
23.0	Trenches Covers	Locally made

RENOVATION WORKS OF BUILDINGS SS003 & SS004

DIVISION 16 - ELECTRICAL

Approved Manufacturers List		
Item	Equipment	Trademark
1.0	Main Distribution Boards	1. SCHNEIDER (France) 2. ABB (Europe) 3. EATON (Germany)
2.0	Instruments and Meters	1. SCHNEIDER (France) 2. ABB (Europe) 3. EATON (Germany)
3.0	Sub-main Distribution Boards	1. SCHNEIDER (France) 2. ABB (Europe) 3. EATON (Germany)
4.0	Distribution Boards	1. SCHNEIDER (France) 2. ABB (Europe) 3. EATON (Germany)
5.0	Disconnecting Switches	1. SCHNEIDER (France) 2. ABB (Europe) 3. EATON (Germany)
6.0	Lighting Contactors	1. SCHNEIDER (France) 2. ABB (Europe) 3. EATON (Germany)
7.0	Motor Control Panels	1. SCHNEIDER (France) 2. ABB (Europe) 3. EATON (Germany)
8.0	Relays for Remote Switching	1. SCHNEIDER (France) 2. ABB (Europe) 3. EATON (Germany)
9.0	Wires and Cables for Lighting and Power	1. Synergy (locally) 2. Pamukkale (Turkey)
10.0	Low current cables	1. Datwyler (Switzerland) 2. Nexans (Europe)
11.0	DATA - Structural Cables and Accessories Sockets and patch	1. Datwyler (Switzerland) 2. 3M (USA)
12.0	Cable Trays and Ladders	1. OBO beterman (Germany) 2. Gersan (Turkey)
13.0	Metallic Cable Trunking	1. Locally/according to engineer approval
14.0	Capacitor Banks	1. SCHNEIDER (France) 2. ABB (Europe) 3. Simens (Germany)
15.0	Motors and Starters	1. SCHNEIDER (France) 2. ABB (Europe) 3. EATON (Germany)
16.0	PVC Conduits and Fittings	1. Locally/according to engineer approval
17.0	PVC Flexible Conduits	1. Locally/according to engineer approval
18.0	Boxes	1. Legrand (France) 2. Gewiss (Italy)
19.0	Lighting Fixtures	1. Local made

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Item	Equipment	Trademark
20.0	Wiring Devices & Accessories	1. SCHNEIDER (France) 2. Legrand (France)
21.0	Fire Alarm System- Analogue/Addressable	1. Notifier (USA) 2. Edwards (Canada)
22.0	Lightning System	1. ABB-Helita pulsar (France)
23.0	Earthing System	1. Locally/according to engineer approval 2. Locally/according to local authority approval
24.0	Builders work	1. Locally/according to engineer approval
25.0	Access Control	1. Honeywell - USA 2. Bosch - Germany
26.0	UPS	1. APC (France) 2. EATON (Germany)
27.0	Intrusion System	1. Honeywell - USA 2. Bosch - Germany
28.0	Nurse Call SYSTEM	1. Aiphone (Japan)