DESCRIPTION	UNIT SIZES	PIPE SIZES
CASS1	5.6kW	6.35/12.7
CASS2	3.6kW	6.35/12.7
CASS3	7.1kW	9.52/15.88
CASS4	4.5kW	6.35/12.7
CASS5	6.0kW	9.52/15.88
CASS6	9.0kW	9.52/15.88
CS01	14.1kW	9.52/15.88
AC1	28kW	9.52/22.2
AC2	22.4kW	9.52/22.2
AC3	12.3kW	9.52/15.88

EQUIPMENT SCHEDULE

AC

ITEM	QUANTITY	DESCRIPTION
AC2	1	22.4kW Ceiling concealed unit.Cooling capacity22.4 Kw airflow 1200l/s.
CASS1	5	5.6kW Four Way Ceiling Cassette(VRV)
CASS2	6	3.6kW Four Way Ceiling Cassette (VRV)
CASS3	0	7.1kW Four Way Ceiling Cassette (VRV)
CASS4	4	4.5kW Four Way Ceiling Cassette (VRV)
CASS5	3	6.0kW Four Way Ceiling Cassette (VRV)

DIFFUSERS & GRILLES

LD01	6	160l/s c/w 2 off Ø200mm SPIGOTS
RAG01	1	1195x595 c/w 3xØ350mm 996l/s Return Air Grilles
DV01	5	Ø200 Disc Valves
DG01	4	300X400 Door Grilles
BD01	1	Ø250mm Damper
BD02	13	Ø150mm Damper
BD03	7	Ø100mm Damper
FC1	1	110l/s Ceiling Fan
FA1	1	160l/s Axial Fan
WL01	1	430x430 whether louver

NOTES

1 All supply air and return air ductwork to be externally lagged, except where otherwise noted.
2 All extract air ductwork to be uninsulated
3 All openings passing thru external wall to be fitted with burglar bars.Burglar bars to be dia 15 @ max 125mm ctrs horizontally and vertically Bars to be welded on 50x50x5mm flat bar frame all round. Hot dipped galv after manufacture.
4 All condensing units to be quorium treated and hectyled.
5 Suction lines to be insulated with armaflex insulation.
6 All internal and exposed refrigeration pipework to run in a straight line in trunking.
7 All refrigeration pipework not in trunking to run in cable tray.
8 All external cable trays to be stainless steel
9 All internal cable trays to be galvanised
10 All starters if required to be provided by a/c contractor.
11 All mild steel brackets and hangers to be hot dipped galvanised after manufacture.
12 All electrical cabling to smoke extract fans to be in accordance with fire regulations.

MECHANICAL CONSULTANT

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REV NO	DATE	DESCRIPTION	DRAWN
A	14/03/2022	ISSUED TO TENDERING	GC

CLIENT

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RECEPTION HVAC LAYOUT