

IT

Project	T2 CIP LOUNGE
Location	CHENNAI AIRPORT

S.NO	QTY	DIA SIZE	ITEM	LENGTH	SQ. MT
✓A1	4	600	STRAIGHT	2050	15.45
✓A2	2	600	BEND21		1.152
✓A3	1	600	STRAIGHT	2445	4.61
✓A4	8	600	STRAIGHT	2350	35.42
✓A5	1	600	BEND90		1.824
✓A6	4	600	STRAIGHT	2210	16.65
✓A7	1	600/750	TAPPER	600	2.36
✓A8	1	750	STRAIGHT	2650	6.24
✓A9	1	750	BEND90		2.295
✓A10	0	750	STRAIGHT	2550	0.00
✓B1	1	700	DUMMY		0.667
✓B2	4	700	STRAIGHT	2150	18.90
✓B3	2	700	BEND21		1.35
✓B4	3	700	STRAIGHT	1850	12.20
✓B5	1	700	STRAIGHT	2660	5.85
✓B6	2	700	BEND90		2.295
✓B7	3	700	STRAIGHT	2100	13.85
✓B8	7	700	STRAIGHT	2280	35.08
✓B9	4	850	STRAIGHT	2020	21.57
✓B10	0	850/500	TAPPER	615	0
✓B11	7	500	STRAIGHT	2020	22.20
✓B12	1	500	BEND90		1.36
✓B13	1	850	BEND90		3.105
✓B14	0	850	STRAIGHT	2430	0.00
✓B15	14	850	STRAIGHT	2000	74.73
✓B16	1	850	STRAIGHT	2555	6.83
✓B17	1	850	DUMMY		0.834
✓B18	12	600	CUPPLER		5.144
✓B19	13	700	CUPPLER		6.094
✓B20	17	850	CUPPLER		11.475
✓B21	6	500	CUPPLER		2.142
					331.67

S.NO	QTY	DIA	ITEM	LENGTH	SQMT
✓1	1	600	Offset 175	850	2.905
✓2	0	600	Bend		0
✓3	0	700	Bend		0
✓4	1	600/600*600	Round to Square	500	1.708
✓5	1	600/400*400	Round to Square	600	1.583
✓6	1	800/700*400	Round to Square	600	2.2083
✓7	1	500/500*500	Round to Square	450	1.5625
✓8	1	500/750*350	Round to Square	600	1.75
✓9	1	700/600*600	Round to Square	600	1.791
✓10	8	200	Ring to Takeup	200	2.514
✓11	8	200	Ring	200	2.514
✓12	1	600 x 600	collar shoe supply		0.3
✓13	1	600 x 400	collar shoe return		0.36
					19.1958

EXTRUDED ALUMINIUM GRILLES
 25000 x 15 1 Nos 3.75 Sqmt
 600 x 500 6 Nos 1.8 Sqmt
 1000 x 150 10 Nos 1.5 Sqmt
 7.05 Sqmt

SPIGOT DAMPER FOR SPIRAL DUCT
 500 mm dia 1 Nos 1.57 Sqmt
 550 mm dia 0 Nos 0 Sqmt
 600 mm dia 1 Nos 1.884 Sqmt
 700 mm dia 1 Nos 2.198 Sqmt
 850 mm dia 1 Nos 2.669 Sqmt
 8.321 Sqmt

OPPOSED BLADE DAMPER
 600 x 500 6 Nos in side wall 1.8 Sqmt
 1000 x 150 8 Nos in side Ceiling 2 Sqmt
 3.0 Sqmt

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II

Project		T2 CIP LOUNGE												
Location		CHENNAI AIRPORT												
Service														
Duct No.	Qty	Duct Size Inch/ mm						Length (mm)	Sheet thickness & Area Sq. mt.				Remarks	
		W1	H1	W2	H2	W2	H2		24G	22G	20G	18G		
✓A1	12	800	400				1220	35.136					Straight	Return corridor
✓A2	6	900	500					2.7					Dummy	Return corridor
✓A4	1	1400	900				1220		5.612				~	Plenum box return
✓A5	1	400	400				1220	1.952					Straight	Supply
✓A6	1	400	400				400	0.64					Straight	Supply
✓A7	2	400	400				0.729	2.3328					Bend90	Supply
✓A8	1	400	400				700	1.12					Straight	Supply
✓A9	1	400	600				0.729	1.458					Bend90	Return
✓A10	2	700	400				1220	5.368					Straight	Return
✓A11	1	700	400				850	1.87					Straight	
✓A12	2	750	350				1220	5.368					Straight	Return glass wall
✓A13	1	600	600				400	0.96					Straight	
✓A14	1	600	400				400	0.8						Collar Shoe
✓A15	6	800	400				400		5.76					Collar Shoe corridor
✓	0	500	500				400	0						
✓	8	900	250				1220		22.448				Straight	Plenum box return
✓	1	1000	1000						1				Dummy	Return
✓	0	950	950						0				Dummy	
✓	2	1500	1000						3				Dummy	
✓	1	850	450						0.3825				Dummy	
✓	8	1000	350						2.8				Return Dummy	
✓	6	600	500				675	8.91					Straight	Corridor inside wall
✓	1	600	350				525	0.9975					Straight	Inside the wall glass
✓	1	600	400				550	2.895		Return			Offset 250	
✓	2	700	400				1100	10.4702		Return			Offset 500	
✓	1	500	500				700	3.42		Return			Offset 600	
								Total	86.40	41.00				

28/6/24
