

H				HVAC LOW SIDE				
	H.1.0			DUCTING : (MAKE: ZECO/TATA/JINDAL/SAIL/ROLASTAR/NUTECH)				
		a		Supply, Installation, Testing and Commissioning of factory made lock-forming quality flat oval spiral ducting of approved makes complying with IS: 277 and having 120 GSM coating classification with elbows, turning vanes, volume control dampers, G.I. supports, hangers, etc. required accessories . The price shall include the cost of threaded rod supports/Gripples for open ceiling area etc. The item also include providing & applying two coat of approved make anti corrosive paint over a coat of primer as per manufacturers/architect's				
		a.1		24 gauge galvanized sheet(Thickness - 0.6 mm) - Up to 750 mm	Sq.mtr	0		-
		a.3		22 gauge galvanised sheet(Thickness - 0.8 mm) - Up to 1500 mm	Sq.mtr	0		-
		b		Supply, Installation, Testing and Commissioning of Site Fabricated rectangular GI ducting of approved makes complying with IS: 277 and having 120 GSM coating classification. The price shall include the cost of necessary accessories & supports (like flanges, neoprene				
		b.1		22 gauge galvanized sheet - For Exhaust & fresh Air Duct	Sq.mtr	24		-
		b.2		24 gauge galvanized sheet - For Exhaust & fresh Air Duct	Sq.mtr	13		-
		b.3		SITC of Canvas cloth at fan mouth for Exhaust & Fresh air unit as per detail specification	Nos	1		-
	H.2.0			THERMAL INSULATION				
		a		Supply & Installation of closed cell structure Elastomeric foam based on synthetic nitrile rubber. The insulation material shall have fire performance of Class O acc. to building regulations. Fire propagation shall be tested acc. to BS476 Part 6:1989. It shall be FM				
		a.1		13 mm thick for External Insulation of duct	Sq.mtr	0		-
		a.2		09 mm thick for Internal Insulation of duct	Sq.mtr	24		-
		a.3		09 mm thick for External Insulation of Exhaust duct	Sq.mtr	13		-
	H.3.0			AIR DISTRIBUTION SYSTEM (MAKE: CARRIYAIR, AIRMASTER,COSMOS, RAVISTAR)				
		a		Air Grille : Supply, installation, testing and commissioning of extruded aluminium powder coated linear grill without volume control dampers as per the approved drawings and specifications. Colour of the Grille should be match with the False ceiling colour. It should be	Sqft	0		-
		b		VCD :- Supply, installation, testing and commissioning of 150mm wide GSS Volume Control Dampers with 18G GI casing & 20G GI Blade, complete with chrome plated Spindle lubricating bush and quadrant to suit Manual operation	Sqft	0		-
		c		Collar Damper for Supply air Grill :- Supply, Installation, Testing & Commissioning of opposite balde collar with black matt finish for fresh air supply grill.	Sqft	0		-
	H.4.0			Exhaust Fan for Toilet supply				
		a.1		Supplying and erecting fresh air cum Exhaust fan of light duty 250 V A.C. 50 cycles 300mm/400mm. 1400 RPM rust proof body & blades wiremesh duly erected in an approved manner (Havells/Usha/Crompton or Orient)	Each	1		-
		a.2		Heavy Duty 450 mm Dia Exhaust Fan (Make Crompton & Equivalent)	Each	1		-
		a.3		Inline Industrial Fan 1000 CFM matching existing duct dimension	Each	0		-
		a.4		S/L/T/C of Bracket fan- 400mm in M.S as per specs	Each	0		-
		a.5		Providing & Fixing of Limit Switches for Mizwah Air Curtain	Each			-
I				Miscellaneous work				
	I.1.0			Extra Frequent Item				
		a	4" x 4" S.S Pole	SS Brush Finish pole 4" x 4" and ht as per site (and as per drawing) with Sheet thickness of 1.6 mm minimum and to be fixed on floor with S.S plate with fastner and above M.S member support to be taken from Slab till 2500 mm ht. It shall be fixed with the top slab where ever	R Ft	0		-

