Н				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 <b>flat oval spiral ducting</b> 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 <b>rectangular GI ducting</b> of approved makes complying with IS: 277 and having 120 GSM coating classification. The price shall include the cost of necessary accessories & supports (like flagges, 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, RAV	ISTAR )		
		а		Air Grille : Supply, installation, testing and commissioning of extruded aluminium powder coated linear grill without volume control dampers as perthe approved drawings and specifications. Colour of the Grille should be match with the False ceiling colour. It should be VCD :- Supply, installation, testing and commissioning of 150mm wide GSS Volume	Sqft	0	
		ь		Control Dampers with 18G GI casing & 20G GI Blade, complete with chrome plated Spindle lubricating bush and quadrent to suit Manual operation	Sqft	0	-
		c		<b>Collar Damper for Supply air Grill :-</b> 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 (Hayells/Usha/Crompton or Orient).	Each	1	
		a.2		Heavy Duty 450 mm Dia Exhaust Fan (Make Cromptoon & Equivalent)	Each	1	-
		a.3		Inline Industrial Fan 1000 CFM matching existing duct dimension	Each	0	-
		a.4		S/I/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		0	-

	b		Providing stand and fixing Micro wave Oven above staff lunch table to be source locally & as approved.	NOS	0	-
	с	Rubber Matt	3mm shock proof rubber mat with 11 kVA certification required	sq ft	0	-
	d		P/F applying Silicon sealant of approved make and colour to junctions of wall tiling with aluminium frame 5mm size.	R ft	0	-
	e		P/Laying epoxy grouting in floor	Sq. ft	0	-
	f		Supply, installation, testing & commissioning of sensor with 180 deg coverage & 1 mtr range used for air curtain complete with all required accessories. Make: Any make readily available with min warranty of 1 year	Nos	4	-
	g		S S chequered plate cladding on cold room panel as per detail drawing	sq.ft	0	-
	h		Providing and fixing water level sensor fully automatic with high and low indicator with alarm (Make : microtail ,OS or equivalent )	Nos	2	-
	i		S.S Buffing in Brush Finish	sq ft	0	-
	h		P/F OF AC Unit- 3.0 TR Inverter Cassette-MAKE - BLUESTAR	AC Units	1	
	i		P/F OF AC Unit- 2.0 TR Inverter Hi wall-MAKE - BLUESTAR	AC Units	1	