



Hvac Solutions

HVAC SOLUTIONS

ISO 9001:2015 Certified Company

Khasra No. 1727, Plot No. 3&4, Divya Enclave Colony,
Salempur Mahdood-2, HARIDWAR-249402, UTTARAKHAND

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Ref. No. HVAC/LCBP/23-24/20.01

Date 20.01.2024

To M/s. Laksh Care Biotech, Plot No 70, Sector -7, IIE SIDCUL, Haridwar - 249402, Uttarakhand

Subject Quotation of HVAC System

Project Upcoming Requirement

Dear Sir,

With reference to our discussion for the above cited subject, our best prices

1. Specification and constructional details of Double Skin Floor Mounted Air Handling Unit.

1	Outer Skin	0.6 mm thik Pre Coated Sheet
2	Inner Skin	0.6 mm thik Plain G.I. Sheet
3	Frame Skin	Extruded Thermal Break Aluminium Profile
4	Panel Thickness	(25±2) mm thick
5	Insulation of Panel	PUF Insulation (Density - 40 Kg/Cu mtr.)
6	Drain Pan	20G SS-304 Drain Pan duly Insulated with 9 mm nitrile Insulation.
7	Blower Type/Make	DDW Belt Driven Backward Curved blower make Nicotra at an outlet velocity not exceed 9.17 m/sec
8	Motor Base arrangement	For Floor Mounted Blower and Motor are Mounted on common extruded aluminium base frame on cushy foot mounting and connected to the casing with fire retardant canvas.
9	Type and Material of Filter	Pre Filter of Synthetic media
10	Thickness of Pre Filter	25 mm thick
11	Motor Base arrangement	Including TEFC Motor makes ABB / Kirloskar / Bharat Bijlee / Crompton. (EFF-02)
12	Mixing Chamber	Mixing Chamber with arrangement of Return Air & Fresh Air but without dampers.
13	Fine Filter Section	Arrangement of 150 mm thick Fine Filter Section Including Fine Filter (5.0 Micron) in draw through arrangement

Specification and Constructional details of Cooling Coil -

1	Coil Type	DX Coil
2	Coil Tube	Copper/ 3/8" / 27G
3	Coil Fin	Aluminium / 37G / 11-13 FPI
4	Coil Frame	Galvanize
5	Coil Header	Copper
6	Coil Area	Considered at 500 FPM

Sr.No	Description	Make	Unit	Qty	Supply					
					Rate (Rs.)	Amount	GST Rate %	Gst Amt.	Total Amt. With GST	
*	Supply of Air handling unit in double skin construction:-									
1	AHU -01 Capacity -1000 CFM/ 3.0 TR Dispensing, Sampling & A/	HVAC Solutions	NOS	6	95,000.00	5,70,000.00	28	1,59,600.00	7,29,600.00	
2	AHU -02 Capacity- 3000 CFM/ 8.75 TR LIQUID MFG & A/L		NOS	3	1,15,000.00	3,45,000.00	28	96,600.00	4,41,600.00	
3	AHU -03 Capacity -8000 CFM/Without Cooling Coil		NOS	2	1,55,000.00	3,10,000.00	28	86,800.00	3,96,800.00	
4	AHU -04 Capacity -4000 CFM/ 11.0 TR Granulation, PAL, Paste & Eqp Washing		NOS	1	1,75,000.00	1,75,000.00	28	49,000.00	2,24,000.00	
5	AHU -05 Capacity -1500 CFM/ 4.25 TR Compression-1, Comp-2 & Air Locks		NOS	1	1,05,000.00	1,05,000.00	28	29,400.00	1,34,400.00	
6	Supply of Air Cooled Condensing Unit with, Air Cooled Condenser, Condenser fan with motor compressor with inbuilt safety protections. The unit with first charge of refrigerant R-410.	Voltas								
6.1	3.0 T		NOS	7	40,000.00	2,80,000.00	28	78,400.00	3,58,400.00	
6.2	5.5 TR		NOS	4	68,000.00	2,72,000.00	28	76,160.00	3,48,160.00	
6.3	8.5 TR		NOS	2	1,06,000.00	2,12,000.00	28	59,360.00	2,71,360.00	
7	Supply, Installation, Testing, Commissioning of sheet metal work comprising of G.S.S Ducting complete with nut bolt, gasket & supports silicone sealent etc.									
7.1	24 G		SQF	16000	120.00	19,20,000.00	18	3,45,600.00	22,65,600.00	
7.2	22 G		SQF	2000	135.00	2,70,000.00	18	48,600.00	3,18,600.00	
8	Supply of Duct Insulation 12 mm XLPE FR. Insulation grey with aluminium metalize foil.		SQF	9000	60.00	5,40,000.00	18	97,200.00	6,37,200.00	
9	Supply of Duct Insulation 09 mm XLPE FR. Insulation grey with aluminium metalize foil.		SQF	9000	55.00	4,95,000.00	18	89,100.00	5,84,100.00	
10	Supply of Ceiling mounted Terminals Box (HEPA Housing) Suitable for fixing Hepa Filter:-									
10.1	610 x 610 x 150mm		NOS	50	5,200.00	2,60,000.00	18	46,800.00	3,06,800.00	

10.2	305 x 305 x 150mm		NOS	16		3,600.00	57,600.00	18	10,368.00	67,968.00
11	Supply of 0.3 Micron HEPA Filter									
11.1	610 x 610 x 150mm		NOS	50		4,800.00	2,40,000.00	18	43,200.00	2,83,200.00
11.2	305 x 305 x 150mm		NOS	16		3,200.00	51,200.00	18	9,216.00	60,416.00
12	Supply of SS-304 Capsule Type Grill for Supply Air Housing. Size - 710 x 710 mm		NOS	50		4,200.00	2,10,000.00	18	37,800.00	2,47,800.00
13	Supply of SS-304 Capsule Type Grill for Supply Air. Size - 400 x 400 mm		NOS	16		3,400.00	54,400.00	18	9,792.00	64,192.00
14	Supply of SS Sheet Capsule Type Grill with 10 Micron Filter for Return Air. Size - 450x450mm		SET	50		5,600.00	2,80,000.00	18	50,400.00	3,30,400.00
15	Supply of SS Sheet Capsule Type Grill with 10 Micron Filter for Return Air. Size - 300x300mm		SET	16		4,800.00	76,800.00	18	13,824.00	90,624.00
16	Supply, Installation, Testing, Commissioning of Electrical Panel for AHU and Condensing Unit		NOS	10		75,000.00	7,50,000.00	18	1,35,000.00	8,85,000.00
17	Supply, Installation, Testing, Commissioning of Electrical Panel for AHU and Condensing Unit For 4000 CFM AHU		NOS	1		1,20,000.00	1,20,000.00	18	21,600.00	1,41,600.00
18	Supply, Installation, Testing, Commissioning of Electrical Panel for AHU and Condensing Unit for 8000 CFM AHU		NOS	1		2,30,000.00	2,30,000.00	18	41,400.00	2,71,400.00
19	Supply of Copper refrigerant Piping, for condensing Unit including all fittings & copper pipe insulation, expansion Valves & supports. (5mtr of piping is Inc.)		SET	14		45,000.00	6,30,000.00	18	1,13,400.00	7,43,400.00
20	Supply & Return Air Grill/Defuser for Corridor and ancillary area		NOS	127		3,800.00	4,82,600.00	18	86,868.00	5,69,468.00
21	Installation Charges for HEPA Housing, HEPA Filters, HEPA Grill, Return Riser, Supply & Return Air Defuser, AHU & Condensing Unit etc	LOT		1		1,00,000.00	1,00,000.00	18	18,000.00	1,18,000.00
TOTAL AMOUNT							90,36,600.00		18,53,488.00	1,08,90,088.00

COMMERCIAL TERMS & CONDITIONS-

1	Delivery:	As per Final Quantity and schedule.
2	Payment	50 % advance along with PO 50 % against PI.
3	Packing:	Inclusive of corrugated paper packing only.

4	GST:	Extra as applicable
5	Freight:	Extra at actual
6	Validity:	30 Days.
7	Exercise Duty:	Nil.
8	Warranty:	15 months from the date of dispatch or 12 months from date of installation, whichever is earlier.
9	Insurance :	Transit insurance will be done on your scope.

We hope our offer will suit you.

Thanking you and assuring our best services all the times. Kindly feel free to ask any query.

For Hvac Solutions

Yogendra Yadav

Authorized Signatory

