



MAHATMA GANDHI MISSION TRUST
MGM INSTITUTE OF HEALTH SCIENCES, CENTRAL PURCHASE DEPARTMENT (CPD)
Plot 1 & 2, Sector -1 Kamothe, Navi Mumbai - 410209
e-Tender of CATHLAB AHU INSTALLATION

Tenders invited from reputed Manufactures or their authorised distributors / dealers of Cathlab AHU Installation for supply to MGM Hospital, at Vashi in the format given below:

Name & Address of Vendor : _____

SI. No.	ITEM DESCRIPTION	QTY	UNIT	MATERIAL (RS)	LABOUR (RS)	RATE (RS)	AMOUNT (RS)
	AHU, Control Panel & Valve Station						
1.00	AIR HANDLING UNITS : Supply, Installation, Testing and Commissioning of factory built floor mounted double skin type (Min.40 mm thick with PUF insulation) and with thermal Break profile, SS Drain Pan, Inlet and outlet opposed blade damper, plug fan horizontal floor mounted air handling units with nessessary vibration Isolator& control panel at AHU room and earthing, power & control cable from panel to AHU etc. meeting the intention of Data Sheet Given. Prefilter shall be mounted before the chilled water coil and Microvee filter shall be mounted after the fan. (Prefered makes - VTS / Edgetech / Citizen / System Air / Nutech)						
1.01	As per Data Sheet AHU-CATHLAB	1	Each				
2.00	Supply, Installation, Testing and Commissioning of AHU Control Panel including 2# VFD (working & Standby) for the AHU On / Off and control. (Make or VFD - Danfoss VLT HVAC series / ABB ACH series). Starter panel shall have the following features accessories: RYB Indication lamps 2# VFDs Digital Ammeter and Voltmeter Thyristor control for connecting to 4# 2.5 kw strip heaters to do automatic operation of individual heaters Inerlocking between heater and fan so that heater will not be ON when the fan is OFF. 2 sets of potential free contacts	1	Each				
3.00	Supply, Installation, Testing and Commissioning of AHU Valve station as shown in the typical AHU connection details with the materials as mentioned below: (Tap off pipe connection dia - 50 mm dia)	1	Set				
	i) Pressure Independent Balancing cum 2 way Control Valve - 1# (Make - T&A / Danfoss / Belimo)						
	ii) Y type with cast iron body, Brass basket with 3 mm perforations, a dirt blowout plug and a permanent magnet - 1#						
	iii) Pressure Guage with Pig tail - 2#						
	iv) Thermometer - 2#						
	v) Butterfly Valve with Diecast Aluminium Body, SS Disc, EPDM Rubber Seal & O-ring and minimum PN-16 pressure rating - 3# (Make - Kitz / Lehry)						
	vi) Flexible pipe connector on inlet and outlet chilled water connection - 2#						
	vii) 25 mm dia Forged brass 2 piece ball valve for drain connection - 2#						
	viii) Sockets for putting Sensors - 4# (2 each in supply line and return line)						
	ix) 25 mm dia Auto Air vent - 1#						
	x) 4# Test point						
	xi) 6 row cooling coil with copper header on chilled water supply & return connections protruding out of AHU casing by minimum 150mm						
	Note - The rate shall be inclusive of insulation with the same material as of pipe line along with valve access box for PIBCV, Strainer and Butterfly valve						
4.00	Supply, Installation, Testing & Commissioning of Return Air thermostate with copper flexible wiring for the valve and VFD control	1	Set				
	Total						

Sl. No.	ITEM DESCRIPTION	QTY	UNIT	MATERIAL (RS)	LABOUR (RS)	RATE (RS)	AMOUNT (RS)
Kindly email your lowest quotations with detailed technical specifications for above items with your terms and conditions as well as applicable Brochure / Catlog, Client list with installation Year and their Contact numbers to etenders@mgmuhs.com only.							
Date:				Signature of Tenderer:			
Seal				Name:			
				Designation:			
				Email ID:			
				Mobile No.:			
				Full Address:			