SAST/CLPC/ACU/ 188 /2026-27 Date: 31.10.2026

TENDER NOTIFICATION

The Head, CLPC, Sri Adichunchanagiri Shikshana Trust invites closed tenders from eligible tenderers or bonafide licensed manufacturer (OEM) or their authorized local supplier/ dealer/ distributor in the state of Karnataka for the **Supply and Installation of HVAC Works for various locations (PH-3) at BGSMCH Nagarur.**as per section I & II.

1	Name of the work	**Supply and Installation of HVAC Works for various locations (PH-3) at BGSMCH Nagarur.**
2	Last Date for Tender Submission	On or before 02.11.2026 before 5.30 PM.

Section-1

Instructions to Tenderers

1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: clechead@bgscet.ac.in on or before the last date of tender submission (for any or all list of items) on professional business letterheads only. The details to be printed on the letter head is as follows.

Tender for **Supply and Installation of HVAC Works for various locations at BGSMCH Nagarur**.

Req Reference number (Project Works)

i) Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshmipuram, Bengaluru – 560086"

ii) The tenderer shall submit the original documents to this office on the last day of submission for verification who prefers to submit the tender through Post can dispatch the same through Registered post / Speed post or Couriers as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not be considered and the authority, Head of CLPC will not be liable or responsible for the same.

2) **Tender Currency:** Prices shall be quoted in Indian Rupees only.

3) **AMC/CMC (IF ANY)** is subject to the Sri Adichunchanagiri shikshana trust's norms.

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THE HEAD
CLPC, ACU
Mahalakshmipuram,
Bengaluru - 560 086

4) **Warranty:** 3 Years.

5) **Amendment of tender documents:** At any time prior to the deadline of submission of tenders the trust may, for no reason, whether as its own initiative or otherwise modify the tender documents by amendment. Sri Adichunchanagiri Shikshana Trust reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.

6) **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 years of ITR declaration inside the envelope and the company contact details with email id on the in the below mention format in annexure - 1.

7) **Tender Prices:** Prices indicated on the price schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and the other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if the contract is awarded. Conditional tenders will not be considered. The bidder has to give the quotation in the below enclosed format in annexure – 2.

8) **Validity of the Bid:** 90 days from the last date of submission of bid.

9) **Corrupt or Fraudulent practices:** Sri Adichunchanagiri Shikshana Trust requires that the tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In purchase of this policy:

a) Will reject a proposal for award if it determines the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

b) Will declare a firm ineligible, either indefinitely or for the stated period of time, to be awarded a university contract if it any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a trust contract.

10) **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of contract will not be disclosed to tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a tenderer to influence the employer's processing of tenders or award decisions may result in rejection of his tender.

11) **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of tenders the employer may, at his discretion, ask and tenderer for clarification of his tender, including breakdowns of unit rates. The request for clarification and the response shall be writing or by cable, but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the employers in the evaluation of the tenders.

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12) **Delivery:** The successful BIDDER should commence the service as per the tender document/work or purchase order. For any queries or assistance, please write to clechead@bgscet.ac.in or telephone to +91- 9980520620.

13) **Penalty Clause:** Non-execution of supply order – for the reasons of failure to supply partially or completely within the stipulated time or any event of breach of contract. In case at any following stages

a) For the delayed supply (3 days of grace period) – 5% deduction

b) Quantity issues – 5 % deduction

c) Quality issues – 10% deduction.

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Section-2

SCHEDULE OF QUANTITIES FOR THE HVAC WORK'S							
BGS HOSPITAL AT NAGARUR							
SCHEDULE OF QUANTITIES AND RATES FOR THE HVAC WORK'S PHASE 3-BGSMCH							
SI	DESCRIPTION	UNIT	QTY	UNIT RATE		AMOUNT	
				MATERIAL	LABOUR	MATERIAL	LABOUR
1	OUT DOOR UNIT - VRF						
	Supply, Installation, Testing & Commissioning of Outdoor condensing unit comprising of Hermetic SCROLL compressor's, Heat Exchanger, propeller / axial fans, refrigerant circuit, Safety Devices & Oil Recovery System, operating on R410a refrigerant gas.						
	Compressor shall be hermatic scroll compressor and shall be equipped with inverter controller of Insulated Gate Bipolar Transistor (IGBT) type to be efficient & quiet. Outdoor unit shall have step less capacity control with ALL INVERTER Compressors.						
	Minimum two or more compressors per Out door module						
	Condenser : Air-cooled condenser, shall be constructed with copper tubes mechanically bonded to aluminium fins to form a cross fin coil. Aluminium fins shall be coated with anti-corrosion coating.						
	Unit shall be equipped with an oil recovery system to ensure stable operation with long refrigerant piping.						
	Unit shall be equipped with power fluctuation safety devices						

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	to address frequent power fluctuations.						
	High COP machines						
	Outdoor unit should be able to withstand voltage fluctuation of +/-10%						
	Actual Cooling Capacity at Designed indoor & Out door conditions						
	Ambient Condition: For Summer						
	Out door unit must be selected for 56 deg C DB in Summer						
	Inside Design Condition:						
	23 deg C ± 1 deg C & ≤ 60 % RH						
	Make : Blue Star						
1.1	12 HP TOP DISCHARGE [LG-03 Conference Room]	Nos.	1				
1.2	14 HP TOP DISCHARGE	Nos.	RO				
1.3	16 HP TOP DISCHARGE [New Ayurvedic College LG3 Lecture hall & Central Lab]	Nos.	4				
1.4	18 HP TOP DISCHARGE	Nos.	RO				
1.5	20 HP TOP DISCHARGE	Nos.	RO				
1.6	22 HP TOP DISCHARGE	Nos.	RO				
1.7	24 HP TOP DISCHARGE [MCH Building Lg2 ICU & HOD department]	Nos.	1				
1.8	26 HP TOP DISCHARGE	Nos.	RO				
1.9	28 HP TOP DISCHARGE [New Ayurvedic college- 6th floor Lecture Hall *1nos & Maintenance Department-	Nos.	2				

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	Anatomy Faculty Room's - 1 nos]						
2.0	04 HP SIDE DISCHARGE	Nos.	RO				
2.1	06 HP SIDE DISCHARGE	Nos.	RO				
2.2	08 HP SIDE DISCHARGE	Nos.	RO				
2.3	10 HP SIDE DISCHARGE	Nos.	RO				
2.4	12 HP SIDE DISCHARGE	Nos.	RO				
2	VRF Indoor - Ceiling Mounted 4 Way Cassette Type Unit.						
	Supply, Installation, Testing and Commissioning of Ceiling mounted 4way- Cassette unit, Cassette indoor unit shall have necessary filters, cooling coil, corded remote control with thermostat, electronic expansion valve, fittings, supporting arrangement, fan, fan motor, Condensate drain pump, decorative panels etc., as per Tender drawing and Specification.						
	Unit shall have provision for outdoor fresh air duct connection.						
	3 speed adjustment						
	Noise Level < 32 dBA @ 1.0M from Mouth Outlet						
	Panel Size <= 36"x36"						
a	Compact Type Unit 2X2'						
2.1	0.6 TR Compact Cassette Indoor Unit	Nos.	RO				

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2.2	0.8 TR Compact Cassette Indoor Unit	Nos.	4				
2.3	1.0 TR Compact Cassette Indoor Unit	Nos.	RO				
2.4	1.3 TR Compact Cassette Indoor Unit	Nos.	RO				
2.5	1.5 TR Compact Cassette Indoor Unit	Nos.	1				
b	Large Type Unit 3'X3'						
2.1	1.5 TR Large Cassette Indoor Unit	Nos.	RO				
2.2	1.7 TR Large Cassette Indoor Unit	Nos.	RO				
2.3	2.0 TR Large Cassette Indoor Unit	Nos.	RO				
2.4	2.3 TR Large Cassette Indoor Unit	Nos.	1				
2.5	2.8 TR Large Cassette Indoor Unit	Nos.	RO				
2.6	3.2 TR Large Cassette Indoor Unit	Nos.	3				
2.7	4.0 TR Large Cassette Indoor Unit	Nos.	8				
2.8	5.0 TR Large Cassette Indoor Unit	Nos.	1				
3	VRF Indoor - Hi Wall Type Indoor Unit.						

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	Wall Mounted Unit: Wall mounted type Indoor unit with multi-speed fan, cooling coil, remote sensor, thermostat, washable filters, auto swing in both directions, low noise fan, drain pan, stylish design, complete with refrigerant valve set, electronic expansion valve, and cordless remote control, power wiring from nearest socket to indoor unit, control wiring between indoor to out door unit etc., as per Tender drawing and Specification.						
	3 speed adjustment						
	Noise Level < 32 dBA @ 1.0M from Mouth Outlet						
3.1	2.8 TR Hi Wall Indoor Unit	Nos.	RO				
3.2	2.5 TR Hi Wall Indoor Unit	Nos.	RO				
3.3	2.0 TR Hi Wall Indoor Unit	Nos.	RO				
3.4	1.5 TR Hi Wall Indoor Unit	Nos.	RO				
3.5	1.3 TR Hi Wall Indoor Unit	Nos.	RO				
3.6	1.0 TR Hi Wall Indoor Unit	Nos.	RO				
3.7	0.8 TR Hi Wall Indoor Unit	Nos.	RO				
4	VRF Indoor - Ceiling Mounted Fan coil Unit.						

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	Supply, installation, testing & commissioning of ceiling mounted Duct type (FCU) VRV/VRF indoor unit (IDU) with R410A refgrigerent, comprisisng 3 row direct expansion cooling coil,electronic expansion valve,thermostat,fittings,blower and motor, insulated drain pan enclosed in galvanized sheet metal casing with inbuilt drain pump and washable air filter .Units shall be suitable for 220 volts, 50 cycles, single phase power supply , proper support as per the specification and as per the capacity.						
4.1	0.8 Tr Fan coil Unit	Nos.	RO				
4.2	1.0 Tr Fan coil Unit	Nos.	RO				
4.3	1.3 Tr Fan coil Unit	Nos.	RO				
4.4	1.5 Tr Fan coil Unit	Nos.	RO				
4.5	2.0 Tr Fan coil Unit	Nos.	RO				
5	VRF Indoor - Ceiling suspended ductable Unit.						
	Supply, installation, testing & commissioning of Ceiling suspended ductable type VRF indoor unit (IDU) with R410A refgrigerent, comprisisng 3 row direct expansion cooling coil,electronic expansion valve,thermostat,fittings,blower and motor, insulated drain pan enclosed in galvanized sheet metal casing with inbuilt drain						

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	pump and washable air filter .Units shall be suitable for 220 volts, 50 cycles, single phase power supply , proper support as per the specification and as per the capacity.						
5.1	2.5 Tr Ductable Unit	Nos.	RO				
5.2	3.0 Tr Ductable Unit	Nos.	RO				
5.3	4.0 Tr Ductable Unit	Nos.	8				
5.4	5.0 Tr Ductable Unit	Nos.	5				
5.5	6.0 Tr Ductable Unit	Nos.	3				
5.6	9.0 Tr Ductable Unit	Nos.	RO				
5.7	11 Tr Ductable Unit	Nos.	RO				
5.8	18 Tr Ductable Unit	Nos.	RO				
5.9	20 Tr Ductable Unit	Nos.	RO				
6	Remote						
6.1	Cordless Remote's	Nos.	18				
6.2	Corded Remote 's	Nos.	16				
7	REFNET JOINTS						

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	Supply and Installation of Necessary Ref joints, valves as per the schematic drawing.	Nos.	41				
8	CABINET AIR FAN -EXHAUST AIR FAN						
	Single skin type floor / Ceiling mounted units complete with (23±2 mm) insulated with CFC free polyurethane foam (PUF) panels of 42 Kg/cum density. Sandwiched between 0.6 mm thick G.I. Sheets. Outer skin shall be pre plasticized G.I. sheet and internal skin shall be powder coated G.I. sheet. The unit shall be provided with forward curved blower, IE-2 Motor, drive set & guard, spring isolator to avoid transmission of vibration,etc. The motor shall be with IP21 protection, class 'F' insulation.						
8.1	1800 CFM Single Skin Cabinet Inline fan - 39 mm ESP	Nos.	1				
8.2	1300 CFM Circular Inline fan - 25 mm Static	Nos.	2				
8.3	800 CFM Circular Inline fan - 25 mm Static	Nos.	1				
8.4	700 CFM Circular Inline fan - 25 mm Static	Nos.	1				
8.5	600 CFM Circular Inline fan - 25 mm Static	Nos.	4				
8.6	300 CFM Circular Inline fan - 15 mm Static	Nos.	21				
8.7	100 CFM Circular Inline fan / Cassette type Qutro	Nos.	13				
9	CABINET TYPE DOUBLE SKIN - EXHAUST UNIT						

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	Supply, installing, testing, commissioning & handing over of Outdoor Type exhaust air unit of cabinet type backward curved, Floor mounted Double skin horizontal unit. Each unit complete with squirrel cage induction motor,With Activated corbon chemical filter, centrifugal fan belt drive and vibration isolators. Motor shall be suitable for 415 + 10% volts, 50 cycles AC supply with AMCA certified fans complete with Fan section with backward curved fan. Heavy duct flexible double layer canvas connection shall be provided at the outlet of unit Fan.						
	The Exhaust unit shall be selected for lowest operating noise level and Carbon filter pressure drop shall be included in the interanl pressure drop of the equipment						
a	16000 CFM EXHAUST UNIT - 55MM STATIC	No's	2				
b	18750 CFM EXHAUST UNIT- 100 MM STATIC WITH FILTER	No's	1				
c	7200 CFM EXHAUST UNIT- 55MM STATIC WITH FILTER	No's	1				
d	2800 CFM EXHAUST UNIT- 35 MM STATIC	No's	1				
10	CABINET TYPE DOUBLE SKIN - FRESH UNIT						
	Supply, installing, testing, commissioning & handing over of Outdoor Type Double skin Cabinet type fresh Air unit with MERV 8 filter, fan motor driven forward curved centrifugal fan and outlet dampers with fire retarding Canvass connection.AHU shall be with 25 mm thick puf panel and 0.8 & 0.6 mm sheet thickness.Outlet						

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	velocity shall be less than 10 m/s & Suitable for exhaust air applications. Motor shall be VFD compatable.						
a	13800 CFM FRESH AIR UNIT - 55MM STATIC	No's	2				
b	5000 CFM FRESH AIR UNIT - 55MM STATIC	No's	1				
11	DX Hi Wall Split Unit's						
	Supply, installation, testing & commissioning of Blue Star make , Wall mounted split Unit . 3 Star power rating . Inverter scroll compressor. Indoor & Oudtdoor Set , with remote controller.						
11.1	1.0 Tr Hi wall Split Unit	Nos.	5				
11.2	1.5 Tr Hi wall Split Unit	Nos.	3				
11.3	2.0 Tr Hi wall Split Unit	Nos.	5				
12	DX Cassette Unit's						
	Supply, installation, testing & commissioning of Blue Star make , Ceiling suspended Cassette Unit .Inverter scroll compressor. Indoor & Oudtdoor Set , with remote controller.						
12.1	2.0 Tr Cassette Unit	Nos.	2				
1	Stabilizer						

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3							
	Supply , installation of suitable stabilizer for Hi wall split unit. Make: Blue Star.	Nos.	15				
14	DRAIN PUMP						
14.1	Supply & Installation of Drain Pump with heavy supports and accessories.	No's	18				
14.2	Supply & Installation of Heavy Duty Drain Pump with heavy supports and accessories.	No's	13				
15	REFRIGERANT PIPING						
	Refrigerant piping liquid and suction lines between the VRF aircooled outdoor units and indoor units. Piping shall be carried out with 18 G Hard drawn copper pipes with soldered / brazed socket fittings. Both suction and liquid lines shall be insulated with closed cell nitrile rubber insulation						
15.1	41.3 mm with 19 mm thick tubular insulation	Rmt	35				
15.2	34.9 mm with 19 mm thick tubular insulation	Rmt	285				
15.3	28.6 mm with 13 mm thick tubular insulation	Rmt	255				
15.4	22.2 mm with 13 mm thick tubular insulation	Rmt	110				
15	19.1 mm with 13 mm thick tubular insulation	Rmt	335				

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15.5							
15.6	15.9 mm with 13 mm thick tubular insulation	Rmt	283				
15.7	12.7 mm with 13 mm thick tubular insulation	Rmt	165				
15.8	9.5 mm with 13 mm thick tubular insulation	Rmt	295				
15.9	6.4 mm with 13 mm thick tubular insulation	Rmt	142				
16	COMMUNICATION CABLE						
	Communication cabling of 2C x 0.75 Sqmm from Indoor to outdoor units, external wiring to be run in 1" dia PVC conduit	Rmt	1050				
17	CORDED REMOTE CABLE						
	Remote cabling of 2C x 1.0Sqmm between each IDU & its wired remote to be suitably laid in 1" PVC conduit.	Rmt	100				
18	POWER CABLE						
18.1	Electrical Power cable between the indoor unit and power socket with 4 Core, 2.5 sqmm / as required, unshielded copper cable, with 1 no. plug top for each IDU.	Rmt	100				
18.2	Electrical Power cable between the indoor unit and power socket with 3 Core, 2.5 sqmm / as required, unshielded copper cable, with 1 no. plug top for each IDU.	Rmt	30				

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19	Supply and installation of PVC drain pipe insulated with 6mm/9mm nitrile rubber insulation including elbows, connectors, U traps, Y-connections and flexible tubing for all indoor units to the nearest toilet drain /pantry drain/ HVAC shaft available as per site conditions and as per directions of the Architect/Consultant/ site engineer. The quote should inclusive of all Hardware necessary to secure the pipes.						
19.1	25mm dia with 6mm thick nitrile rubber insulation	Rmt	50				
19.2	32mm dia with 6mm thick nitrile rubber insulation	Rmt	400				
19.3	40mm dia with 9mm thick nitrile rubber insulation	Rmt	50				
19.4	50mm dia with 9mm thick nitrile rubber insulation	Rmt	20				
20	Refrigerant Gass Charginig R-410A	Kg	160				
21	OUTDOOR UNIT STAND						
21.1	Supply & Installtion of MS outdoor units stand suitable for VRF Outdoor unit floor mounted type units painted with two coats of non corrosive paint (black) & necessary supporting arrangements.	Nos.	8				
21.	Supply & Installtion of MS outdoor units stand suitable for DX hi wall split Outdoor unit	Nos.	15				

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2							
22	G.S.S DUCTING as per SMACNA Standards.						
	All ducting shall be of factory fabricated completely finished and transported to site in a boxed form (including the duct flange and the VAV transition pieces and Z pieces if any). GS sheet shall be Class VIII – with zinc coating of 120 gm / sqmt surface area. TDF type flanges with neoprene rubber gaskets of thickness to match the dimensions of the ducts shall be used for connecting two ducts. The cost of the duct shall include the threaded rod supports, angle flanges, anchor fastners, hot dipped galvanized bolts and nuts etc., The Duct to be manufactured and assembled as per SMACNA standard for Class-500pascals.						
22.1	24G. Ducting	Sqmt.	425				
22.2	22G. Ducting	Sqmt.	20				
22.3	20G. Ducting	Sqmt.	0				
23	THERMAL INSULATION						

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	Supply, installation, testing and commissioning of "CLASS O", closed cell elastomeric Elastomeric nitrile rubber Thermal insulation for the ducts running inside the conditioned area as per specifications. Quoted price shall be inclusive of Adhesive, nitrile rubber tapes,etc...Adhesive VOC level as per LEED requiremen.Make: Arm Flex						
23.1	9 mm thick with Al Foil.	Sqmt.	510				
23.2	13 mm thick with Al Foil.	Sqmt.	RO				
23.3	19 mm thick with Al Foil.	Sqmt.	50				
24	ACOUSTIC INSULATION						
	Supply, installation, testing and commissioning of Duct Acoustic Insulation applied inside of duct work with 10 mm thk " CLASS 1" Nitrile Rubber open cell Insulation as per specifications. The quoted price inclusive of adhesives etc.,	Sqmt.	50				
25	LOUVERS - Al.						
	High grade aluminum extruded Louvers for Fresh air intake & Exhaust air exit at outer wall. The louver shall be of powder coated finish.	Sqmt.	1				
26	FLEXIBLE DUCT-INSULATED						

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	The supply & installation of flexible duct inner core should be made of triple lamination of Aluminum Foil, Polyester & Metalized polyester film permanently bonded to a coated spring steel wire helix, complete with connecting rings, duct supports etc. as per standards and specification						
26.1	150 mm Dia	Rmt	115				
26.2	200 mm Dia	Rmt	43				
26.3	250 mm Dia	Rmt	20				
26.4	300mm Dia	Rmt	RO				
26.5	200mm Dia (Un-insulated)	Rmt	30				
26.6	150mm Dia (Un-insulated)	Rmt	180				
26.7	100mm Dia (Un-insulated)	Rmt	197				
27	BUTTERFLY DAMPER						

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	Supply, Installation, Testing & Commissioning of Spigot & Butterfly Dampers of the following sizes. The Butterfly damper should be constructed with not less than 0.8mm thick galvanized steel sheet, with single flap, necessary stopper, flanges for fastening on to the duct surface and with grooves for clamping the flexible ducts securely.						
27.1	300 mm dia	No's	RO				
27.2	250 mm dia	No's	3				
27.3	200 mm dia	No's	35				
27.4	150 mm dia	No's	84				
27.5	100 mm dia	No's	5				
28	EXHAUST VALVES						
	Exhaust valves constructed from Extruded Aluminum powder coated finish with control damper.						
28.1	Neck size: 150mm Dia	Nos.	0				
28	Neck size: 100mm Dia	Nos.	100				

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29	SUPPLY AIR DIFFUSER						
	Supply, installation, testing and balancing of powder coated Extruded Aluminum supply air Diffusers with removable core , Aluminum opposed blade volume control dampers & the diffuser shall be of tegular profile in accordance with the approved shop drawings and specifications to fit in the tile size of 600 x 600. The neck size shall be of following sizes						
29.1	375 mm x 375 mm Neck Size	Nos.	17				
29.2	300 mm x 300 mm Neck Size	Nos.	16				
29.3	250 mm x 250 mm Neck Size	Nos.	6				
29.4	225 mm x 225 mm Neck Size	Nos.	5				
29.5	200 dia Round Diffuser	Nos.	20				
30	RETURN AIR DIFFUSER						
	Supply, installation, testing and balancing of powder coated Extruded Aluminum Return air diffusers with removable core & the diffuser shall be of tegular profile in accordance with the						

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	approved shop drawings and specifications to fit in the tile size of 600 x 600. The neck size shall be of following sizes.						
30.1	375 mm x 375 mm Neck Size	Nos.	31				
31	GI MIXING BOX						
	Supply and Fixing of the GI mixing BOX factoroy fabricated with supports.						
31.1	Size : 400mm x 400 mm Height 350 mm	Nos.	RO				
31.2	Size : 375mm x 370 mm Height 300 mm	Nos.	14				
31.3	Size : 300mm x 300 mm Height 300 mm	Nos.	16				
31.4	Size : 250mm x250 mm Height 250 mm	Nos.	6				
31.5	Size : 225mm x225 mm Height 200 mm	Nos.	5				
31.6	Size : 450mm x 150 mm Height 200 mm	Nos.	48				
31.7	Size : 600mm x 150 mm Height 200 mm	Nos.	24				
3	SUPPLY AIR EXTRUDED AL BAR						

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2	GRILLE						
	Supply, Installation, testing & Balancing of Extruded Al. Powder coated Grilles for supply Air with necessary flanges & al. Collar damper etc. the grilles shall be extruded aluminum constructions with powder coated complete as per specifications and drawings	Sqm	6				
33	SUPPLY AIR EXTRUDED AL CURVED GRILLE						
	Supply, Installation, testing & Balancing of Extruded Al. Powder coated Curve Grilles for supply Air with necessary flanges & al. Collar damper etc. the grilles shall be extruded aluminum constructions with powder coated complete as per specifications and drawings	Sqm	24				
34	RETURN AIR EXTRUDED AL GRILLE						
	Supply, Installation, testing & Balancing of Extruded Al. Powder coated Grilles for Return Air of the following sizes with all the necessary flanges etc. the grilles shall be extruded aluminum constructions with powder coated complete as per specifications and drawings	Sqm	2				
35	VOLUME CONTROL DAMPER						
	Supply, installation, testing and balancing of 18G Aluminum Volume Control Dampers with operating handle aero foil blade with rubber beeding for Supply/Return/Exhaust air duct branches in accordance with the approved shop drawings and specifications.The dampers shall be supplied with matching	Sqm	2				

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	flanges on both sides.						
36	BACK DRAFT DAMPER						
	Supply, installation, testing and balancing of Back draft damper with the outer shell constructed of 1.6mm thick galvanized steel frame and the blade/Leaf with 1mm thick aluminum. And with necessary flanges for connection and as per specifications	Sqm	0				
37	COLLAR DAMPER						
	Supply, Installation, testing & Balancing of G I Powder coated collar damper	Sqm	7				
38	Supply and Fixing of Canvass connection's	Nos.	20				
39	Double Skin Plenum						
	Supply, installation and testing of Factory fabricated Double skin powder coated plenum, constructed with outer skin not less than 0.63mm thick GI sheet and inner sheet not less than 0.63mm GI plain sheet., with 25mm thick sandwiched RPUF insulation of density not less than 40kg/m^3 with necessary High grade Extruded Aluminum cross supports for rigidity	Sqm	110				
40	Duct Epoxy Painting						
	Providing and applying two-component epoxy primer and epoxy finish coating on duct surfaces, including removal of dust, oil, grease, rust, mill scale and other contaminants by suitable mechanical surface preparation. Apply one coat of compatible epoxy primer followed by two coats of high-	Sqm	650				

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	build epoxy finish paint, each coat applied after proper drying/curing of the previous coat, to achieve a uniform, smooth and continuous finish.						
41	STARTER PANEL						
	Supply Installation, Testing, Commisioning of Electrical starter panel complete with starter, all accessories, controls, harmonic filters for Ventilation units / CSU's drive motors including enclosure arrangement,necessary a/m switches and auxiliary contacts for BMS Operation The panels shall be supported with MS channels / angles as required for following Capacities.The final rating of the equipment kW shall be as per the						
41.1	9.5 KW with VFD	Nos	2				
41.2	5.5 KW with VFD	Nos	2				
41.3	11 KW with VFD	Nos	2				
42	PVC Pipe with required Fittings and Accessories.						
42.1	Supply and Laying of PVC pipe with supports .						
a	Ø 250 mm dia.	Rmt	7				

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b	Ø 200 mm dia.	Rmt	0				
c	Ø 150 mm dia.	Rmt	175				
d	Ø 100 mm dia.	Rmt	140				
43	Supply and Fixing of 300 mm X 300 mm Louvers , Rectagular Al powder coated fresh Air door louver . 15 degre deflection	Nos	RO				
44	Supply and Fixing of 250mm(w) X 75mm(h) Perforated Cable Tray with cover	Rmt	50				
45	Supply and Installation of Water Cooler Model : P6080E - SL (MCH BUILDING LG2 - RADIOLOGY CORRIDOR)	Nos	1				
46	Dismantling and Shifting of Existing Duct – MCH Building, Anatomy Room (LG-02)	Sqm	200				
47	Dismantling, shifting and re-installation of existing AC outdoor unit to the designated location at MCH BUILDING 4th Floor.						
a	26 HP TOP DISCHARGE	Nos	1				
b	22 HP TOP DISCHARGE	Nos	1				
c	20 HP TOP DISCHARGE	Nos	2				
d	10 HP TOP DISCHARGE	Nos	1				
47.1	Testing and Re-commissioning of the Dismantled Out Door Unit's MCH BUILDING 4th Floor.	Lot	1				
48	Dismantling of the existing Body Mortuary unit with ancillary materials from LG-02 Anatomy Room, safely shifting and re-installation of the same to the Old Ayurvedic College Building – Mortuary Room.	Lot	1				
					SUB-TOTAL BASIC VALUE		
						TOTAL BASIC VALUE	

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The Bidder has to quote the rate in the Item Data available online with this bid. Details to be filled up for price bid are as below:

The price shall be inclusive of all taxes (inclusive of GST) under the relevant Laws of India.

SL. No	Particular	Amount In Rs. (Inclusive of All the taxes)
1	**Supply and Installation of HVAC Works for various locations (PH-3)**	
	Total	
	18% GST	
	Grand Total	
Total in Rs and in words –		

THE HEAD
CLPC, ACU
Mahalakshmipuram,
Bengaluru - 560 086.

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PARTICULARS OF THE BIDDER

Sr. No	Description	Details (to be filled by the responder to the Bid)
1	Name of the company	
2	Official address	
3	Phone No. And Fax No.	
4	Corporate Headquarters Address	
5	Phone No. And Fax No.	
6	Web Site Address	
7	Details of Company's Registration (Please enclose copy of the company registration document)	
8	Name of Registration Authority	
9	Registration Number and Year of Registration	
10	ISO certifications and its validity	
11	GST registration No.	
12	Permanent Account Number (PAN)	
13	Company's Revenue for last 3 years (Year wise)	
14	Company's net worth for the last year	
15	Bank Details (Name, Account no, IFSC, MICR)	

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