



**SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY
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ADDENDUM TO TENDER NO - SCT/IMP/2016-17/P6105/GN - Mini Data Centre Infrastructure Implementation

SI	As per tender	To be read as
1	Page 76 – Layout of room	Change in room- Room changed to adjacent room of same dimension (new layout)
2	Page 19 - Sensible Cooling Capacity Total 35 KW + 35 KW Stand by	Page 19 - Sensible Cooling Capacity - Total 35 KW with adequate standby for 100% reliability on 24 x 7 basis. Bidders can quote multiple AC units as per manufacturers units. (Failure of any single unit; still to meet the total cooling requirement of 35 KW).

Pre-Bid queries and Clarifications:

SI	Query	Clarification
1	ATD is deemed superior to CDCP certification, We shall share the CDCP certificate of the OEM, Please clarify if this will suffice.	ATD certification is for managing data center while other certification is for expertise in building data center . May be accepted
2	Kindly confirm the dimension of the cold & hot aisle containment required.	Cold aisle n hot aisle for in row/ smart row \ in rack cooling for different vendors the depth varies . May quote as per each OEM standards .
3	Is the containment solution to be given so that a person can enter in the cold aisle as it has been mentioned as entry and exit door.	Smart row / in rack/ in row factory fabricated system to be quoted, not separate containment
4	The rear door is asked as a double door, kindly confirm if a single door can be given.	The rear door to be double door only.
5	Fresh water supply point in the room to be provided for PAC units.	Fresh water to be taken from the nearest point
6	Confirmation on the drain point location	Drain point at site
7	Kindly confirm the location of PAC outdoor units and copper piping routing to be done.	Location – terrace area for outdoor units, straight copper piping is possible.
8	Number of sensors to be provided in cold & Hot aisle	What type of sensors ? Question not specific.
9	The UPS power point given as 40 Amp, need to know the total IT load and its distribution to work out on the cabling part.	UPS from two sources will be provided by SCTIMST. The Internal IT load is 30 KW + 30 KW.
10	Will dedicated earth pits be provided by SCT or we have to make new earth pits for server racks and PAC units. If earth pits have to be made, please confirm the location of earth pits.	SCTIMST has earth pits which is common for all use inside. In case company wants dedicated earthing; pits have to be made by the company.
11	The SLAs for service support will be as per OEM standards, kindly oblige and accept the same	No, as per tender terms only
12	Place for dumping the dismantled material and debris, and scope of clearing them.	Company to take care of clearing the dismantled material.
13	Tender is demanding Concurrent maintainability as per uptime institute Tier topology. Is there enough capacity and path infrastructure available in the facility like Generator, SMDBs, ACBs etc?	The Institute is having own substation. Institute will provide dual supply outlets in the room. Generator for AC and UPS
14	Is the UPS Power Distribution to racks under vendor scope or SCT will distribute the the UPS Power to each rack instead of providing a single output cable from the UPS?	Yes, the vendor has to provide power distribution within racks, room lighting etc. as per tender. SCTIMST will provide UPS outlet only.
15	Humidifiers are not necessary for in rack cooling of high sensible load at high RAT. Is it mandatory for a humidifier/Heater to be supplied along with the cooling unit?	Humidifier required.

16	It is asked for 35KW+35KW standby. Is N+1 configuration acceptable?	Sensible Cooling Capacity - Total 35 KW with adequate standby for 100% reliability on 24 x 7 basis. Bidders can quote multiple AC units as per manufacturers units. (Failure of any single unit; still to meet the total cooling requirement of 35 KW).
17	In Rack Solution doesnt require additional Cold/Hot Aisle Containment, but it is mentioned that supply/return to happen through cold.hot aisle containment. Please confirm whether additional containments are required?	No additional containment
18	Is speed regulated compressors accepted?	Inverter compressor is acceptable
19	What are the approved compressor makes?	Danfoss, Copeland
20	Since gravity flow is possible,is condensate pumps mandatory?	Yes, condensate pump is required
21	What are approved makes for the split units?	Split units. Daikin, Samsung, Carrier. Inverter splits with eco- friendly gas
22	Is Ceiling mounted cable trays accepted?	Ceiling mounted cable trays acceptable
23	Can RAL 7035 colour be proposed for the racks and cooling units? Or only black is acceptable?	Black color only as per tender
24	IS TVSS mandatory?	TVSS surge protection is mandatory.
25	Is the CCTV System to be integrated with the DC environment monitoring system or is it to be stand alone?	CCTV can be stand alone but to be connected to monitoring room.