

Corrigendum No. 1 Tender Document for Non-IT-Infrastructure RFP for Tripura State Data Center at Agartala

Sl. No.	Page no	Clause No	Clause Header	Clause details as in RFP	Query/Clarification Required	Reply
1	42	NA	Scope of Work	The Successful bidder shall seal conduits, entrance holes and cut-outs where the cabling/wiring etc. has been installed with suitable sealing material.	Please clarify do we need to use Fire Sealant , of any wall opening Make Hilti ,etc.	No change as per RFP
2	42	NA	Scope of Work	<ul style="list-style-type: none"> All Electrical work must be done as per prevalent rules/Act/ regulatory of state or central Govt whichever is applicable. The selected bidder should take all necessary Statutory/ regulatory approvals from the respective authorities before commencement of the work. 	Do we need to consider CEIG approval ? And DG CTE (Concerned to establishment) and CTO (Concern to operation)	No change as per RFP
3	43	NA	Scope of Work	<ul style="list-style-type: none"> Earthing and grounding as per the requirement & Lightning Protection system must be done and each and every components/equipment has to be connected to an equipotential grid. 	do we need to consider Lighting Protection system for Building .	No change as per RFP
4	43	NA	Scope of Work	The electrical (related to power supply, usage, distribution) work of the racks shall be done in accordance/consideration of critical load going to ~800Kw in the future	As mentioned related to Power Supply usage and distribution work of the rack shall be done in accordance/consideration of 800kW so the total facility load including mechanical, Lighting & IBMS goes upto 2000kVA .	The electrical panels (LT , HT panels, etc.) to be considered upto 2000kVA. The current critical load will be cater approx. 800Kw.

5	43	NA	Scope of Work	The piping, wiring, sensors etc. for all the Non-IT components/equipment (such as VESDA, RR, WLD, GAS SUPPRESSION etc.) shall be done under the false/raised floor for monitoring the inside area of the CACs. The same shall be done under the false/raised floor or above the false ceiling for monitoring the outside area of the CACs.	Some are we have VESDA,WLD, GAS Suppression, WLD etc. If we found the same in good condition can we use the same or not.	Yes, bidders need to visit the site and do site survey for checking the feasibility of the equipments. Then Accordingly the BoQ needs to be submitted.
6	44	NA	Scope of Work (Data center DC)/Server farm/Room)	Minimum of 76 IT Rack. IT Rack accessories and management .	Please specify the density/Load of each Rack and maximum number of rack accordingly we prepared our drawing/design sheet. Also specify the word of management.	Maximum load density of each Rack is upto 10kW.
7	44	NA	Scope of work (Telecom Room)	Minimum of 2 telecom Rack.800X800/800x1000	Please specify the accurate size of rack and density/load of each rack. Also Specify the word of Management.	Minimum of 2 telecom Rack of dimension 800X800 or 800x1000
8	44	NA	Scope of work (Telecom Room)	Non-IT components/equipment (VESDA, RR, WLD, CCTV, GAS SUPPRESSION, FIRE ALARM etc.)	Can we use existing (VESDA, RR, WLD, CCTV, GAS SUPPRESSION, FIRE ALARM etc.)	Yes, bidders need to visit the site and do site survey for checking the feasibility of the equipments. Then Accordingly the BoQ needs to be submitted.
9	44	NA	Scope of work (Staging Room)	Minimum of 2 Staging Rack.800X800/800x1000	Please specify the accurate size of rack and density/load of each rack. Also Specify the word of Management.	Minimum of 2 Staging Rack.800X800 or 800x1000

10	44	NA	Scope of work (Staging Room)	Non-IT components/equipment (VESDA, RR, WLD, CCTV, GAS SUPPRESSION, FIRE ALARM etc.)	Can we use existing (VESDA, RR, WLD, CCTV, GAS SUPPRESSION, FIRE ALARM etc.)	Yes, bidders need to visit the site and do site survey for checking the feasibility of the equipments. Then Accordingly the BoQ needs to be submitted.
11	45	NA	Scope of work (Miscellaneous)	Under Direct procurement: NIXI-CSC will directly procure Diesel Generators, UPS and batteries, ISP connectivity, Video Wall and controller and Workstations (for NOC, SOC) along with their AMC. The SI is responsible to take charge of these procurements and take responsibility for MAINTENANCE/ HIGHEST LEVEL SUPPORT for 1st year to be added into BOQ only (renewable for next 4 years at the same cost) years including engagement with OEM Partners for all related equipment's MAINTENANCE/ HIGHEST LEVEL SUPPORT for 7 years.	As per the terms we are understanding that we have to consider maintenance/highest level support for 1st year to be added into BOQ only (Renewable for next 4 year at the same cost) for DG, UPS, Batteries, ISP connectivity , Video Wall and controller and workstation. But what about other product like rack, DCIM, IBMS, BBT, etc. Do we need to consider these product maintenance/highest level support for 7 year.	total 5 years (1 in the BoQ+ 4 years renewable for next 4 years at the same rate)
12	60	NA	Scope of work (Rack)	The detailed rack design shall have a minimum of 64 compute racks, a minimum of 8 network racks and a minimum of applicable passive racks.	Please specify the DAY-1 Requirement of Rack . As we have UPS capacity available @170kW in DAY-1.	No change as per RFP
13	74	NA	OVERHEAD CABLE RUNNERS/BASKETS AND BBT (BUS BAR	The system shall be primarily designed to be able to cater maximum 800 Kw critical load, irrespective of using that much load.	Considering 800kW IT Load . Total facility load goes upto 2000kVA . Hence the selected DG 500kVA is underrated and TX. Capacity also need to upgrade.	The current critical load contains IT Load, non-IT Load, HVAC load. The current critical load will cater approx. 800Kw.

14	78	NA	OVERHEAD CABLE RUNNERS/BASKETS AND BBT (BUS BAR TRACK)	The Existing necessary panels/distribution box to be upgraded/modified/replaced for supporting power capacity up to 800kw from the existing UPS till the BBT.	In DAY-1 have we consider the panel upgradation of UPS till the BBT as per 800kW Load. Please specify	No change as per RFP,
15	79	NA	HVAC: HEATING, VENTILATION AND AIR CONDITIONING (PRECISION AIR	The three CACs (cold aisle containments) shall be individually controlled, regulated, and managed. Each CAC shall be operated independently without interference, affecting the other CACs.	Please specify that we have to deliver/implement all CAC in DAY-1.	No change as per RFP,
16	79	NA	HVAC: HEATING, VENTILATION AND AIR CONDITIONING (PRECISION AIR	o The HVAC design shall initially cater 170Kw critical load capacity with a provision for expansion till 800Kw critical load capacity in future	As mentioned in Page No 78 in BBT section that each rack density/power consumption is 10kW. So the DAY-1 we required only 17 Nos. with PDU and other accessories.	All Racks to be populated with PDU's and other accessories
17	83	NA	CONTAINMENT: COLD AISLE SYSTEM	The Cold Aisle Containment Glass has to withstand temperature of 80°C	Glass material is not apart of CAC.	The material from which the Cold Aisle Containment is to be made has to withstand minimum temperature of 80°C

18	Page 8	NA	Design Condition	The design concentration shall follow ISO 14520 or at minimum NFPA 2001 for under floor, room, and ceiling space. Unless otherwise approved, room temperature for air- conditioner space shall be taken around 20°C. For non- air-conditioned space, the temperature shall be taken around ambient temperature. The system shall be designed with minimum design concentration of 4.7 % as applicable to Class-A & C fire.	We understand as per NFPA 2001 Design concentration of Novec 1230 for Class A&C fire is 4.5%. Please clarify.	The design concentration shall follow ISO 14520 or at minimum NFPA 2001 for under floor, room, and ceiling space. Unless otherwise approved, room temperature for air- conditioner space shall be taken around 20°C. For non- air-conditioned space, the temperature shall be taken around ambient temperature. The system shall be designed with minimum design concentration of 4.5 % as applicable to Class-A & C fire.
19	Page 1	NA	BOQ	BOQ sr. No 7 IBMS	BOQ calls for BMS & DCIM both, we understand BMS is required for Fire , UPS, PAC, DG, Water Leak , VESDA etc integration, DCIM is required for balance utilities.	IBMS offered by the bidders should have both the capabilities (of BMS and DCIM)
20	Page 9	NA	BMS	Attendance and Access control for O&M staffs through Bio-metric system.	We understand this feature is part of access control system not BMS system. Please clarify,	This feature is part of access control system
21	Page 9	NA	BMS	Under vehicle detection and scanning system	Under vehicle detection and scanning system is not part of current scope of work, Hence integration not required. Please clarify.	This clause stands deleted

22	Page 1	NA	BOQ	Camera and proximity readers and access cards and related management server and software for access control and any other accessories required (minimum 200 access cards)	As per page 92 of tender documents it is mentioend "The bidder has to supply and configure at least 50 number of proximity card. " Please confirm quantity of proximity cards,	50 cards to be configured and supplied firstly and provison of minimum 200 access cards for futre use where the hardware and software related/required to/for configuration also needs to be added to the BoQ , for self configuration by the client at later stage as and when required.
23	Page 8	NA	VESDA	<p>he system has been designed to sense incipient smoke at a very early stage install critical rooms, namely:</p> <ul style="list-style-type: none"> ▪ Data Centre Room/Server Farm ▪ UPS & Battery Room ▪ Technical Areas (area where probability of fire is high) 	As mentioend page 44 & 84 of tender document VESDA required in server room, telecom room & staggng room which is disferent as mentioned in page 85. Please clarify in which rooms VESDA will be required.	Vesda to be installed in the <ol style="list-style-type: none"> 1. Data centre room/ Server Farm. 2. Telecom room , 3. Ups and battery room
24	Page 1	NA	PROJECT TIME SCHEDULE	The total duration of the project is for a period of 60 days from the date of release of work order including final acceptance and testing (FAT), training and submission of documentation.	we would request Nixi-CSC to kindly provide at least 120 to 150 days from the date of release of work order for the final acceptance and testing (FAT), training and submission of documentation.	to be provided as corrigendum in future if required.
25		44	• Telecom Room	Minimum 2 Telecom Racks, 800X800 / 800X1000	Please confirm if there would be only 1 telecom room with min 2 racks, or 2 physically separate telecom rooms could be accommodated.	1 telecom room with min 2 racks

26	62	NA	RACK PASSIVE CABLING AND ACCESSORIES		Please confirm the min no of ports – fiber & Copper; to be considered per server rack from the respective EOR/MOR. This should help the bidders design the solution and quote qty on a	to be provided by the bidder as per his design, HLD,LLD
27	66, 67	60	2U Fiber Panel	Shall have 12 slots for various fiber configurations in a 2U size.	Request to allow 2U / 4U for 12 slots.	Accepted