

**CORRIGENDUM - 1 (Clarification)**

Tender Ref. No. OCAC-NeGP-INFRA-0016-2022-22073 (Selection of System Integrator for Design, Build, Installation, Commissioning, Integration, and Operations & Maintenance of Non-IT Infrastructure for Extension of Odisha State Data Centre.)

**Note: Following are the Clarification with respect to queries received from bidders**

<b>SL. No</b>	<b>Page No</b>	<b>Clause No</b>	<b>Clause header</b>	<b>Clause details as in RFP</b>	<b>Query/ Clarification Required</b>	<b>Justification/Reason for changes required (If any)</b>	<b>OCAC Response</b>
1	212		7.7.11 DCIM (Datacenter infrastructure management)	Supply of all ends to end hardware and software, Installation, testing and commissioning Maintenance for 5 years including product/solution upgrades, patch updating, etc. Integration of existing OSDC - 1 and OSDC - 2.0.	Please let us know the Hardware And Software BOQ of Existing OSDC-1		Bidders were requested to visit the site to assess the details and refer annexure of corrigendum
2	203	7.7.10 Passive networking	Compliance statement	Please clarify if cross references to each parameter need to be provided for the compliance points, validated by OEM.			YES
3	318	12.16 Minimum Bill of Quantity	NETWORKING SYSTEM: 12 core, OM4 indoor distribution cable, LSZH / 96F, SM Tight Buffered Indoor Cable, LotZH / 24F, SM Tight Buffered Indoor Cable, LSZH	Request to clarify where these cables would be required. Since the DC fiber connectivity is used with MPO trunks, Please clarify if there is any other inter building / inter floor backbone that need to be considered, using regular fiber cables.			Please quote this. If required it will be procured.

4	318	12.16 Minimum Bill of Quantity	NETWORKING SYSTEM:	Please clarify how should we quote for any additional items, or alternative item where lower qty may be required than the qty specified in RFP BOQ, as per proposed design solution.			Bidder to do their own solutioning. The item and quantity as mentioned in the RFP is minimum and indicative.
5	206	7.7.10.D - 1		Low Loss MPO-12/UPC (male) to MPO-12/UPC (male), Pre-terminated, LSZH, Bend Insensitive OM4 Trunk Cable	It would be better to have the Trunk cables change the gender from Male to Female and Female to Male on field. This will help operations time		Flexibility to change from male to female and vice-versa is well accepted
6	208	7.7.10.E - 3		Flame Test Listing: NEC OFNR (ETL) and c(ETL)	Suggest to add or accept European CPR standards		Accepted
7	49	4.13	Evaluation Criteria – DCIM	DCIM system is inclusive of all BMS feature and hence BMS is not required	BMS & DCIM are two different software for different application.	Request for Change- Kindly specify which features of BMS you want to add in DCIM. Because DCIM is monitoring & BMS is monitoring & controlling for both application. Like DCIM cannot control motor whereas BMS can control motor functionality etc.	Bidder to propose as per their solution
8	63	5.13 (3)	Statutory Compliances	All required approvals from Utility, Pollution control boards, Municipal corporation, CEIG, CCOE, Fire department, Forest department has to be taken up by the system integrator. However the documents required from OCAC side for the approvals, will be provided.	Bidder requests that any delay in statutory approvals caused by the statutory authorities not to be counted as delays from bidder and to be excluded from the timeline of the project.	Process for obtaining approvals from COE, PCB, fire department etc. are cumbersome and require many documents to be submitted by the customer, which causes indefinite delays	Accepted. The delay in statutory approval will not be counted as delays from bidder.

9	280	10	Liquidated Damages	Liquidated Damages	This clause contradicts with Clause 5.23 in Page-74. Bidder requests to levy LD @ 0.5% of the undelivered portion of CAPEX for every week of delay or part thereof up to maximum 7.5% of the CAPEX	Any LD levied on the bidder should be commensurate with the amount of products and/or services not delivered.	Refer Corrigendum
10	106	7.3 Safety, Security,	Addressable Fire Alarm System (AFAS)	This system must be integrated with the central monitoring system. The fire panel must have redundant components inbuilt.	We understand the requirement is that the Panel must have redundant Loops. Please confirm.		Bidder to propose fire panel and integrate in such a manner that it is concurrently maintainable
11	107	7.3 Safety, Security,	7.3.3 Gas Based Fire Suppression System	1. The technical area such as Server farm area, staging area, UPS room, Panel and battery room must have fire suppression system with an alarm such that in case of fire the gas agent gets released through the -----  2. There will be three separate suppression systems. One for server hall and one each for 2 power rooms	Point 1. asks to include Battery Room where as Point 2 doesnot mention Battery Room. So please confirm wether we should consider Battery Room also.		The power rooms in the diagonal corners of the DC hall will house UPS, Batteries and Panels.

12	108	7.3 Safety, Security,	7.3.5 Access Control System	10. Access control software and computer must be a part of the scope of the bidder. The consumables to be supplied for the entire contract period.	Request you to give a list of all Consumables which we need to consider.	Refer Annexure that is part of corrigendum.  Additional Note: The bidder must integrate the existing Access control devices to the new system so that a single access card is used for both the SDCs. In case it is not possible, then the bidder to replace the existing access control system of OSDC -1 and replace with new one so that the single card access for both the SDCs are achieved.
13	202	7.7.10	Passive networking - Product/Solution Description	Rack will have 12+12 fibre ports in redundant more and similarly 6+6 copper ports as well	Kindly confirm, whether 12 (W) +12(R) fiber ports & 6(W)+6(R) ports are the requirement with redundant ? Or we need considered as below (12+12)(W) as working fiber port + 12+12 (R) as redundant fiber port .. Similarly for copper (6+6)W + (6+6)R	12 (W) +12(R) fiber ports & 6(W)+6(R) ports are the requirement
14	203	7.07.10 .A	Architecture and General Construction	All cables to be installed in DC must comply to LSZH IEC 60332-1/3	Kindly confirm, whether cables shall comply to LSZH both IEC 60332-1 & IEC 60332-3 or acceptable either IEC 60332-1 or IEC 60332-3	Acceptable either IEC 60332-1 or IEC 60332-3
15	210	7.07.10 .H	CAT 6A LSZH U/UTP/STP RJ45 Patch Cords	The cordage shall be UTP component	Kindly include STP also The cordage shall be UTP " or STP" component	STP will be accepted

16	315	12.16 216 Sr. No	Minimum Bill of Quantity	Flap Barrier with contact less reader/QR code reader/Biometric as per bidder's solution	Please provide technical specification or provide below minimum parameters. a) Single Lane or Dual lane b)Lane Width (mm) c)Max. Speed of Throughput (people per minute) d)Opening Time		a)Single lane b)550mm c)20 people per minute d)2-3 sec
17	315	12.16 217 Sr. No	Minimum Bill of Quantity	Swipe barrier	Please provide detailed technical specification or provide below minimum parameters. a) Single Lane or Dual lane b)Lane Width (mm) c)Max. Speed of Throughput (people per minute) d)Opening Time		a)Single lane b)750mm c)20 people per minute d)5-10 sec
18	230	7.7.13 Point No. - 3	IPDU for Rack	All IPDUs iPDU should have minimum 30 X C13 outlets and 6 X C19 outlets. All outlets should provide the locking feature without use of special power cables to provide high retention to avoid accidental dislodging of power cords. In case IPDU don't support this feature, bidder to provide locking cables.	Will request you to kindly specify the number of IT/Network Assets to be mounted per rack to help with the count of powercords to be considered		Bidder to propose as many lockable power cord as of number of ports of the IPDUs in case the iPDUs does not support locking feature.

19	98	7.1.2	Diesel generators	2. It is proposed that 2.0 MVA or higher datacentre continuous rated diesel Generator set is proposed. However, the bidder must consider the exiting load and proposed load to arrive at the rating and the same may be verified and approved by Uptime.	Please provide the existing load	We need existing load details for electrical calculations and Uptime submission.	Already given in the RFP as 280KW
20	31 of 377	DC Design certificate Experience	The Bidder should have design experience of certification of at least One Tier-III/Rated 3 Data Centers certified by Uptime Institute/EPI (TIA 942) with minimum 50 rack space of server farm area OR 1000 KW of total Load handling capacity of Datacenter including IT and Non-IT load.	We understand the relevant qualification criteris is not limited to Indian clients. Global Client certifications shall be also considered	last 4-5 years not enough of the DC build projects have gone for certification in India, so allow us to produce Global client certifications		The clause does not indicate any limitations to India

21	279 of 377	Project Timeline	* - Its Bidder responsibility to insure MSA signoff will be complete within 30 Days from issuing of LOI; else T0 will be treated as Project start date	Project start date shall be on mutual agreement between client and bidder	If the delay attributed to unforeseen reasons , bidder shall not be liable for those delays		Accepted
22	54 of 377	4.15 Deviations and Exclusions	submitted strictly in accordance with the requirements and terms & conditions of the RFP. The bidder shall submit a No Deviation Certificate as per the format specified in Proforma 16. The bids with commercial deviation(s) are liable for rejection	There could be minor deviation, Nil deviation can be provided for SI portion, OEM still needs to comply	Request to accept minor deviation which will not have impact on any functional, and non functional requirement of the project requirement		Accepted
23		General	BOQ attached in the RFP	Quantities mentioned in LOT shall be made minimum	Quantity Mentioned in LOT is again on individual interpretation which can impact the costing , request to define it the units so that minimum benchamrking can be obtained		Bidder to derive its own details as per their solution

24			Export Clause	Silent	<p>The deliverables provided by Seller under this Contract contain or may contain components and/or technologies from the United States of America ("US"), the European Union ("EU") and/or other nations. Buyer acknowledges and agrees that the supply, assignment and/or usage of the products, software, services, information, other deliverables and/or the embedded technologies (hereinafter referred to as "Deliverables") under this Contract shall fully comply with related applicable US, EU and other national and international export control laws and/or regulations. Unless applicable export license/s has been obtained from the relevant authority and the Seller has approved, the Deliverables shall not (i) be exported and/or re-exported to any destination and party (may include but not limited to an individual, group and/or legal entity) restricted by the applicable export</p>	<p>We request you to consider the clause which is required to us as part of order</p>	Not Accepted
----	--	--	---------------	--------	---	---	--------------



25			Covid-19 Disclaimer	Silent	<p>Notwithstanding any provision to the contrary, the Buyer agrees to accept the Contract on the basis that any stoppage, hindrance, delay or inability to perform arising from or due to the current Covid-19, epidemic or events subsequent (including but not limited to changes in laws, regulations, by-laws, quarantine, movement controls or restrictions and affected by material shortages, increased inflation costs) will be considered an excusable delay by the Seller without any consequence or any liability including, without limitation, delay penalties, liquidated or other damages or termination for default.</p>	<p>We request you to consider the clause which is required to us as part of order</p>	<p>Covid 19 or similar pandemic can be considered under Force majeure.</p>
----	--	--	---------------------	--------	--	---	--

26			Variation Order	Silent	<p>Either Party shall have the right to propose changes to the other Party that are considered necessary or desirable to improve the quality, efficiency or safety of the works agreed under the Contract. Any change upto +/- 10% of the Contract Price (this excludes items covered under price variation clause) may be considered at the agreed Price/ Rates with necessary time extension. However, in case of any change beyond 10%, the same shall be subject to acceptance of revised prices and delivery period by the Seller. For any additional or new work/ requirement, Seller shall evaluate the physical, technical schedule and cost impacts before giving acceptance to the same. However, such work shall be carried out on Cost plus basis which shall be charged Cost + Overheads + Profit margin as determined by the supplier. The change shall</p>	<p>We request you to consider the clause which is required to us as part of order</p>	Not Accepted
----	--	--	-----------------	--------	---	---	--------------

27			Time extension	Silent	SE shall be entitled to claim extension of me for any delay caused by events beyond reasonable control of SE , including without limitation following: (a) change requested by Customer; (b) change in law, or any delays of any government of statutory authorities; (c) any delay, prevention, default, act or omission of Customer or any contractor, consultant, representative or agent of Customer, including but not limited to any failure to confirm a start date and failure to provide access.	We request you to consider the clause which is required to us as part of order	Similar clause has been there in the RFP to consider.
----	--	--	----------------	--------	---	--	---

28			Purchaser's Cybersecurity Obligations	Silent	<p>Purchaser's Obligations for Its Systems: Purchaser is solely responsible for the implementation and maintenance of a comprehensive security program ("Security Program") that contains reasonable and appropriate security measures and safeguards to protect its computer network, systems, machines, and data (collectively, "Systems"), including those Systems on which it runs the Products or which it uses with the Services, against Cyber Threats. "Cyber Threat" means any circumstance or event with the potential to adversely impact, compromise, damage, or disrupt Purchaser's Systems or that may result in any unauthorized access, acquisition, loss, misuse, destruction, disclosure, and/or modification of Purchaser's Systems, including any data, including through malware, hacking, or similar attacks.</p>	We request you to consider the clause which is required to us as part of order	Not Accepted
----	--	--	---------------------------------------	--------	---	--	--------------

29	228	7.7.12	IT Rack and Rack Access Control	Rack shall have the necessary hardware accessories, ((100mm, Base frame, 30 each M6 cage nuts and screws), Cage nut installation tool, plastic gland plates (tool less removable) for top panel cable entry). Every rack should have the baying kit to help seal the gap between the racks to maintain proper air circulation.	Request for inclusion of Levelling Legs along with Castors.	To maintain the best form factory it is recommended to have levelling legs and for movement castors along in the rack, hence request you to change the specificaitons as "Rack shall have the necessary hardware accessories, ((100mm, Base frame / Levelling Legs with Castor, 30 each M6 cage nuts and screws), Cage nut installation tool, plastic gland plates (tool less removable) for top panel cable entry). Every rack should have the baying kit to help seal the gap between the racks to maintain proper air circulation."	Castor wheels can be accepted with baying kit to help seal the gap between the racks to maintain proper air circulation
30	230	7.7.13	IPDU for Rack	Each rack should have 2 IPDUs. The IPDUs should be connected to the two different UPS sources A and B individually. The 2 IPDUs in each rack should have different chassis/port colour for identification of UPS source.	Request for inclusion of color coded stickers as well.	For identification of UPS source for the PDU, color coded stickers can also be used, hence it is requested to revise the specifications as "Each rack should have 2 IPDUs. The IPDUs should be connected to the two different UPS sources A and B individually. The 2 IPDUs in each rack should have different chassis / Color Code stickers/port colour for identification of UPS source."	Colour coded sticker will be acceptable.

31	230	7.7.13	IPDU for Rack	Single phase IPDUs should have input rating of 32Amp, 230V and 3-phase IPDUs for SDC-1 should have rating of 32Amp, 400V, 3-phase for OSDC 2.0 and vertical form factor. Input cable of the PDU's must be minimum 1.8 meter-long, and the input industrial plug should be IEC60309, Splash proof IP44.	Need to have Qty breakup for Single Phase & Three Phase PDU's.		Refer BOQ item no 185, 186
32	128	7.7.3	Controller	Status Report of the latest 400 event-messages of the unit. Unit memory shall hold the 200 most recent alarms with time and date stamp for each alarm Input for remote on-off and volt-free contact	Request to modify it as minimum 100 most recent alarms with time and date to store in controller memory		Accepted
33			General Query		As the tender requirement and uptime Tier-3 requirement for server farm area continuous cooling is required, because at the time of change over from EB to DG the temperature and Humidity should be maintained, so an additional UPS need to be considered for the same.		Additional UPS of 60KVA has been considered. However bidder may propose their own rating in such a manner that in case of changeover of power from EB to DG the temperature rise in the DC does not rise more than 5% in any of the cold aisle during the change over.

34	46	B. Technical Evaluation for Non-IT Devices	Evaluation Criteria – Critical UPS	LIB System (Cell and Module and System)	Kindly include UL listed as UL 9540A certified, this certification ensures that lithium-ion batteries rack will not be a propagator of fire. UL9540a certified LIB racks assured that even if Lithium-ion battery catches fire it will not propagate fire to adjacent modules during thermal runaway and hence saves the entire facility from big fire mishap	UL9540A is a must global standard for Large Lithium-ion batteries rack used for UPS application in Data center. If Lithium-ion battery is not UL9540a certified, then Battery arrays (i.e. each cabinet) must be spaced 3' apart on all sides from each other and from the walls. That will increase 64 sq ft of floorspace per cabinet.	Accepted
----	----	--	------------------------------------	---	---	--	----------

35	133	7.7.1	Uninterrupted Power supply (UPS) system with Battery back-up (For Critical Load)	Uninterrupted Power supply (UPS) system with Battery back-up (For Critical Load) - The UPS are to be modular (Non-hot swappable)/monolithic in nature with horizontal expandability	As per tender requirement UPS asked as Modular/Monolithic, So usually modular UPS comes with Live/Hot swappable option which is most reliable technology in the market and MTTR (Mean time to repair) is very less for Live/Hot swappable UPS so we request you to please accept the same.	Benefits of Modular Live/Hot swappable UPS in place of non modular monolithic UPS due to the following reasons : 1) The Modular live/hot swappable type UPS is the most reliable UPS system in the market. Due to the fact that if there is a fault in any component, the particular module with the fault will be separated from the UPS system and the UPS will supply conditioned power to the load with remaining modules available within the frame. However in case of monolithic UPS, failure in one component will result in the breakdown of the whole UPS system. 2) Live/Hot Swappable UPS modules can be removed within 10 minutes maximum but to repair a monolithic UPS it will take more than 1 hour to find the fault and repair. and During repair the load will be fed with raw, unconditioned power from the source which can	<p>Understanding of Modular UPS:</p> <p>one single frame of ultimate capacity of UPS with multiple small and equal rated UPS system modules stacked vertically. The modules are hot swappable. The expansion can happen vertically as well as horizontally ( by adding frames)</p> <p>Understanding of Monolithic UPS:</p> <p>One single frame of ultimate capacity of the UPS with one single module of rated UPS capacity without any hot swappable feature. The UPS rating can be expanded horizontally and NOT vertically.</p>
36			General		Please confirm the UPS Room Location ( Ground Floor / 1 <sup>st</sup> Floor etc )	Please share the Layout for Data center	First Floor



37	87	Non-IT Infrastructure Scope of Work	15. HSD Tank	Two no's of 5 KL underground HSD tanks need to be installed for 2 Nos of DG set for which suitable space to be identified & piping for the same should be done up to the DG sets.	5 KL underground tank is only for new data center or it is for both new and existing data center.		Since DG is for both DC, HSD tank is for both DC also.
38	87	Non-IT Infrastructure Scope of Work	15. HSD Tank	Two no's of 5 KL underground HSD tanks need to be installed for 2 Nos of DG set for which suitable space to be identified & piping for the same should be done up to the DG sets.	Can the capacity of underground tank changed as per tier III requirement or 5 KL capacity is fixed.		5KL is minimum. Please consider as per Tier III requirement, which ever is higher
39	104	7.2 HVAC system	PRECISION AND COMFORT AIR CONDITIONING	One of the POD of 18 racks will be high density racks. There will be direct expansion in-row cooling for this POD. It is suggested to have 5 in-row cooling units, with three and two in each row of a POD. The Five units are in N+1 redundant fashion where N=4	If the No of Inrow units are not sufficient can more Nos be proposed to comply Tier III requirement		Yes, without reducing number of racks.
40	118	7.7.2 Uninterrupted Power supply (UPS) system with Battery back-up (For Non-Critical Load)	Rating / Sizing: 2	Uninterrupted Power supply (UPS) system with Battery back-up (For Non-Critical Load) Rating / Sizing: 2 x 60 KVA – 1set Product/Solution Description There will be 2 set of UPS systems, Each will be connected in one path of power to the datacenter non critical load. The UPS are to be unitary/monolithic in nature with double conversion IGBT based technology.	Rating / Sizing: 2 x 60 KVA – 1set		2 numbers of UPS, one in each path

41	118	7.7.2 Uninterrupted Power supply (UPS) system with Battery back-up (For Non-Critical Load)	Rating / Sizing: 2	Uninterrupted Power supply (UPS) system with Battery back-up (For Non-Critical Load) Rating / Sizing: 2 x 60 KVA – 1set Product/Solution Description There will be 2 set of UPS systems, Each will be connected in one path of power to the datacenter non critical load. The UPS are to be unitary/monolithic in nature with double conversion IGBT based technology.	As there are high density racks, tier guidelines recommends the cooling units to be on UPS. Can we propose the required capacity to comply tier III guidelines.		All server racks are of 9.5 KW per rack.
42	127	7.7.4 Precision Air Conditioner (CRAC) for perimeter cooling and power rooms	Requirements Pt. 11	Humidifier : Infrared Type	Humdifier type depends on OEM, can we propose Humidifier of Immersed electrode type.		Immerse Electrode will be accepted
43	106	7.3 Safety, Security, Surveillance and Monitoring System	General to all IBMS		Please share approved make /model list for LV system and make/model list of exisitng system to be replaced or extended.		Bidder to propose the best makes available that complies the specifications.  Refer corriendum for existing details
44	106	7.3 Safety, Security, Surveillance and Monitoring System	7.3.1 Addressabl	1. Entire facility will have fire detection, annunciation & Alarm system. Different types of detectors such as fire, smoke and heat detectors or combination of all installed and wired to a control panel in a zonal fashion.	Requirement of annunciation system- Please clarify requirement of annunciation system, it shall be inbuild with AFAS panel or separate PA system can be considered		Consider in PA system

45	109	7.3 Safety, Security, Surveillance and Monitoring System	7.3.8 Building Management System		Please share SDC1 list of equipment or IO summary to be integrated with new BMS/DCIM system		Consider 500 hard and 1500 soft IOs for SDC 1
46	321	General query	O&M Manpower Resources (Shift Wise)	3 resources for BMS & 6 resources for MST is mentioned in O&M manpower service 24X7 shift wise.	No reliever is considered, needs 1 reliever for BMS & 2 reliever for MST.		Bidder to consider reliever so that the number of resources at any point of time is maintained.
47	-	General query	Tools & PPE	Tools & PPE for technical & housekeeping operation	Any specific list of tools & PPE required of operation to be specified to have clear scope comparison		Bidder to propose.
48	-	General query	Consumables	Operational consumables, Housekeeping cleaning material, stationary and log books, desktop and email id & common printer/scanner access	Scope should be defined		Bidder to propose
49	315	12.16 217 Sr. No	Minimum Bill of Quantity	Metal detector Full height	Please clarify no of zones of Metal Detector	Clarification on technical parameters	2 zones

50	27, 28	3.1	Pre-Qualification for Bidder	<p>1. The Bidder should be an established Company registered under the – Indian Companies Act, 1956/2013, or partnership firm register under LLP Act, 2008, Partnership Firm as per Indian partnership Act 1932, since last 10 years as on 31st March 2022.</p> <p>Consortium / joint venture of any kind is not allowed.</p> <p>NB: - In case any bidder has undergone restructuring (merger, demerger, hive off, slump sale etc.), bid submitted by such bidder who has acquired a Company/Division of a company shall also be considered for evaluation if the eligibility and technical evaluation criteria is met jointly between the bidder and the Company / Division acquired.</p>	<p>During the FY 2020-21 our organization underwent an internal re-structuring exercise where in the Business Unit relevant for this RFP has been moved to a new company incorporated under Companies Act, 2013 as a wholly owned subsidiary of the main Parent Company. In view of the above we would request OCAC to kindly consider the relevant documentary evidence of both the Parent Company and the Subsidiary Company (Bidder) for Eligibility Criteria compliance. Please confirm the acceptance of our request.</p>	<p>During the FY 2020-21 our organization underwent an internal re-structuring exercise where in the Business Unit relevant for this RFP has been moved to a new company created as a wholly owned subsidiary of the main Parent Company.</p>	<p>The clause is clear. if the following clause is complied, the bidder can qualify subject compliance of other clauses of the Pre qualification.</p> <p>NB: - In case any bidder has undergone restructuring (merger, demerger, hive off, slump sale etc.), bid submitted by such bidder who has acquired a Company/Division of a company shall also be considered for evaluation if the eligibility and technical evaluation criteria is met jointly between the bidder and the Company / Division acquired.</p>
----	--------	-----	------------------------------	--	--	---	--

51	30	3.1	Pre-Qualification for Bidder	<p>5. During the last Seven years, (Start date of PO must be within last 7 years counted backwards from date of submission of bid) the Bidder should have implemented/completed Data Centre projects for Central / State Governments, PSUs, Banking &amp; Financial Institutions, in India that meets the below mentioned requirement:</p> <p>a. Single order of value 50 Crore or more; OR</p> <p>b. Two orders each having value of 40 Crores or more; OR</p> <p>c. Three orders each having value of 25 Crores or more</p> <p>The orders should include Turnkey Data . . . . .</p>	<p>During the FY 2020-21 our organization underwent an internal re-structuring exercise where in the Business Unit relevant for this RFP has been moved to a new company created as a wholly owned subsidiary of the main Parent Company.</p> <p>In view of the above we would request OCAC to kindly consider the documentary evidence of the relevant projects delivered by both the Parent Company and the Subsidiary Company (Bidder) for RFP compliance.</p> <p>Please confirm the acceptance of our request.</p>	<p>During the FY 2020-21 our organization underwent an internal re-structuring exercise where in the Business Unit relevant for this RFP has been moved to a new company created as a wholly owned subsidiary of the main Parent Company.</p>	<p>The clause is clear. if the following clause is complied, the bidder can qualify subject to compliance of other clauses of the Pre qualification.</p> <p>NB: - In case any bidder has undergone restructuring (merger, demerger, hive off, slump sale etc.), bid submitted by such bidder who has acquired a Company/Division of a company shall also be considered for evaluation if the eligibility and technical evaluation criteria is met jointly between the bidder and the Company / Division acquired.</p>
----	----	-----	------------------------------	---	--	---	---

52	44	2	A. Organizational Strength and Project Experience	Project Experience: During the last Seven years, (Start date of PO must be within last 7 years counted backwards from date of submission of bid) the Bidder should have implemented/completed Data Centre projects for Central / State Governments, PSUs, Banking & Financial Institutions, in India that meets the below mentioned requirement	During the FY 2020-21 our organization underwent an internal re-structuring exercise where in the Business Unit relevant for this RFP has been moved to a new company created as a wholly owned subsidiary of the main Parent Company. In view of the above we would request OCAC to kindly consider the documentary evidence of the relevant projects delivered by both the Parent Company and the Subsidiary Company (Bidder) for the purpose of awarding marks against the scoring parameter.  Please confirm the acceptance of our request.	During the FY 2020-21 our organization underwent an internal re-structuring exercise where in the Business Unit relevant for this RFP has been moved to a new company created as a wholly owned subsidiary of the main Parent Company.	The clause is clear. if the following clause is complied, the bidder can qualify subject to compliance of other clauses of the Pre qualification.  NB: - In case any bidder has undergone restructuring (merger, demerger, hive off, slump sale etc.), bid submitted by such bidder who has acquired a Company/Division of a company shall also be considered for evaluation if the eligibility and technical evaluation criteria is met jointly between the bidder and the Company / Division acquired.
53	85	7	Non-IT Infrastructure - Scope of Work Point no 15	HSD Tank: Two no's of 5 KL underground HSD tanks need to be installed for 2 Nos of DG set for which suitable space to be identified & piping for the same should be done up to the DG sets.	These 2 clauses are contradictory. So we would request OCAC to kindly clarify the requirement.	Scope clarity.	5KL is minimum. Please consider as per Tier III requirement, which ever is higher

54	287	12.5	Performance Related Service Levels: Data Center Availability	Availability of Power will be measured upto the socket level in the equipment room that will be providing power to the racks.	As per Tier-3 standard, redundant power socket must be available for all the device. So, please clarify if Data Center downtime will be considered only for non-availability of power in the both the redundant sockets or downtime will be considered even if unavailability of power in a single socket.	Scope clarity.	Rack Down time will be considered
55	320	13	Operations and Maintenance Management: O&M Manpower Resources	BMS Expert: 3 nos for 3 shift Housekeeping Staff: 4 nos for 4 shift. Security Guard: 9 nos for 8 shifts	Since support services is required for 24X7x365 days. There is no reliever for taking weekly off. So requesting to include adequate numbers of relievers for the support team.	Scope clarity.	Bidder to consider reliever so that the number of resources at any point of time is maintained.
56	320	13	Operations and Maintenance Management: O&M Manpower Resources	Note: Above manpower requirement table is indicative as minimum requirement for 24*365 days support for OSDC 2.0 and existing DC	Basis this clause it is understood that the DC Project Manager & front desk executive support is required for 7 days in a week. Requesting OCAC to exclude Sundays & Govt. Holidays from their shift. If required telephonic support can be provided on holidays.	Scope clarity.	Resources to be maintained for all days including all holidays and Sundays.
57	208	7.07.10 .F	Horizontal Cable – CAT6A UTP Cable	ISO/IEC 60332-1/3-22: Flame Spread	Kindly confirm, whether cables shall comply to LSZH both IEC 60332-1 & IEC 60332-3 or acceptable either IEC 60332-1 or IEC 60332-3	Clarity for specifications.	Acceptable either IEC 60332-1 or IEC 60332-3

58	95	Proposed Scheme			Please Provide SLD For Proposed Scheme of DG Sets, Also Please provide Switchgear Makelist for LV		As per specification of the RFP and bidder's solution
59	112	7.6 List of Equipment for Buy Back	7.6 List of Equipment for Buy Back		Please note that the concerned OEM does not have any "BuyBack Policy" for old Equipment & Accessories. So please amend the requirement accordingly.		All in bidder's scope
60	129	7.7.5 Diesel Generator	Scope of Work	5. Periodic maintenance 8. System Acceptance test at Factory and at Site (on full load condition) 9. Foundation.	5. Please Note that all Periodic Maintenance Shall be taken care by nearest Cummins authorised service dealer scope. 8. Please provide testing Hrs. for Factory testing of DG Set. As standard we provide 1hour load testing on assembled DG set ( without acoustic) 9. Please note that All civil works shall be in purchaser scope.		All in bidder's scope
61	129	7.7.5 Diesel Generator	Scope of Work	2. Supply of 2 nos. HSD tank of 10KL each with Unloading, shifting, Storing, Installation, Testing and Commissioning	Please provide layout & detailed BOQ for Bulk Oil Storage Along with detailed Panel SLD for BOT.		5KL is minimum requirement. Please consider as per Tier III requirement. Please visit site to get details. SLD has to be provided by bidder during execution stage.
62	129	7.7.5 Diesel Generator	Scope of Work	3. Removal of existing DGs and accessories	Please provide details for Removal of DG Set Like Distance upto which DG Set has to be placed		Bidders were requested to visit the site to assess the details



63	129	7.7.5 Diesel Generator	Major Engine Components	5. Periodic maintenance	Periodic Maintenance shall be in Cummins authorised service dealer scope.		All in bidder's scope
64	139	11 ENGINE EXHAUST SYSTEM	ENGINE EXHAUST SYSTEM	Exhaust system should create minimum backpressure.	Please provide Exhaust Pipe detailed layout & Height of Exhaust stack	No Detail Received for Horizontal & vertical pipe.	As per Bidder solution
65	143	15 TESTING	Tests on Control Panel	1. Insulation resistance test, Functional and operation test to be done before dispatch from panel works	1. Please note that IR test is not applicable for DG Set Control Panel.		Accepted
66	144	15 TESTING	Testing at site	performance and guarantee tests to be conducted at the site and included under the scope of this specification.	Please note that All consumables required for site testing like fuel Oil & load Bank shall be in purchaser scope		All in bidder's scope
67	145	16 SPECIAL NOTES	NOTE	RCC foundation, double stacking structure etc. is included in the scope.	Please note that All Major minor civil works shall be in purchaser scope.		All in bidder's scope
68	148	3 System Description	a. Ambient Temperature	Ambient Temperature for Electronic Components: 0°C to 50°C	Please clarify The ambient Weather conditions for Location of DG set Like temperature & Humidity etc. Here Ambient Condition for Electronic Item is mentioned but for DG Set same is not mentioned, please confirm.	Ambient temp. for DG Set is not mentioned in tender document.	Please refer ASHRAE n=20 ambient conditions
69	157	7.7.8 MV Panels	SWITCHBOARDS CODES AND STANDARDS	1. Single-Line Diagram (When reference to the Single-line diagram is made in the following part of this specification, it shall be deemed to include reference to the associated 4. BOQ	Please share SLD & detailed BOQ for LV Panel. To enable us to quote.		Bidder to provide

70	281	11 Payment schedule	11 Payment schedule	Payment will be released to the successfully shortlisted bidder in phased manner as stated	All terms and conditions shall be discussed during commercial meeting		As per RFP payment terms
71	302	12.16 Minimum Bill of Quantity	Minimum Bill of Quantity	A CIVIL & INTERIOR WORKS	All civil works shall be in purchaser scope.		Please read the RFP. All are in bidder's scope
72	307	12.16 Minimum Bill of Quantity	ELECTRICAL SYSTEM	94 DGs to panel controls cabling Lot 1	Please provide Exact quantities for Terminations of Power & Control Cables, Here in BOQ same is given as Lot 1, please Confirm the Qty. Considered In 1 Lot.	1 Lot Mention, Please confirm Qty. in 1 Lot.	Bidder to propose as per solution
73	307	12.16 Minimum Bill of Quantity	ELECTRICAL SYSTEM	95 HSD tank and accessories including Pumps Nos 2	Please Provide Layout for HSD Fuel Line To enable us to quote		Bidders were requested to visit the site to assess the details
74	98	7.1.2	Diesel Generators	It is proposed that 2.0 MVA or higher datacentre continuous rated diesel Generator set is proposed. However, the bidder must consider the exiting load and proposed load to arrive at the rating and the same may be verified and approved by Uptime.	Uptime/ TIA942	As per Meity guidelines it should be Tier III/Rated III from Uptime Institute/TIA942	The clause shall be read as It is proposed that 2.0 MVA or higher datacentre continuous rated diesel Generator set is proposed. However, the bidder must consider the exiting load and proposed load to arrive at the rating and the same may be verified and approved by Uptime/TIA