

Corrigendum dated 20.07.2023

Bid for Request for Proposal (RFP) for the Selection of a System Integrator for implementation (Design, Build, Commission and O&M) of Greenfield State Data Centre (Bid Number: GEM/2022/B/2889326

Dated: 22-12-2022)

Please find the below Corrigendum dated 20.07.2023.

All other terms and conditions of the tender would remain the same as in the earlier published RFP dated 22.12.2022 and earlier published subsequent corrigendum.

For more details, visit www.gil.gujarat.gov.in

**Corrigendum cum Clarifications
document
for
Request for Proposal (RFP)
for the Selection of a System
Integrator
for implementation (Design, Build,
Commission and O&M) of
Greenfield State Data Centre**

Issued By:



Gujarat Informatics Limited (GIL)

(A Government of Gujarat Undertaking)

On behalf of

**Department of Science & Technology
(DST)**

GIL, Block No. 2, 2nd Floor, C & D Wing, Karmayogi
Bhavan Sector - 10 A, Gandhinagar - 382010 Gujarat

Please find the response to pre-bid queries enclosed
herewith.

For further details visit www.gil.gujarat.gov.in

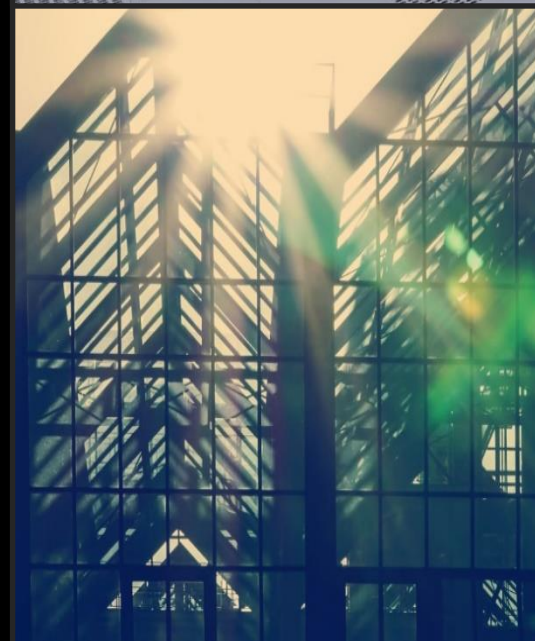


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1. Clarifications on Queries raised

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1	General	-	-	Reverse Auction	We request you to kindly remove reverse Auction as this project is based on SLA and quality. In many projects reverse auctions have resulted in complications for quality based projects due to low cost. We prefer to consider only QCBS as this project has combination of Technology and service should be purely considered for performance.	As per the corrigendum.
2	Vol1	PQ11	172	Addition of ISO certificates	ISO 9001:2015 ,ISO 14001:2015, ISO 45001:2018. Since it covers all the points as per Datacenter Design, Project Management , Operations maintenance & practices	As per the RFP and subsequent corrigendum.
3	Vol2	Technical Spec	-	33KV Dry-type Transformer (Capacity: 5 MVA)	Dry Type Transformer requires Indoor Environment and hence Suggesting Changing to Oil Cooled Transformer of 5 MVA Ratings or suitable Rating with N+N Configuration.	As per the RFP and subsequent corrigendum.

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
4	Vol1	Section 3 Revised Pre-Qualification Criteria Clause no 5	169	<p>2. Non-IT work Experience: Workorder for Data Centre consisting of SITC of Electrical Distribution & Lighting, Electrical Substation, DG sets with HSD tank, Precision AC/ Chiller Plant, UPS System, Fire Detection & suppression system, Access Control, Lifts and CCTV, BMS, VESDA, Rodent Repellent System etc. Single order of value of INR 60 Crore or more. OR Two orders each having minimum value of INR 35 Crore or more. AND</p>	<p>As few customers keeping high procurement in their scope, request to consider the following changes: 2. Non-IT work Experience: Work order for Data Centre consisting of SITC Installation, Testing and Commissioning of Electrical Distribution & Lighting, Electrical Substation, DG sets with HSD tank, Precision AC/ Chiller Plant, UPS System, Fire Detection & suppression system, Access Control, Lifts and CCTV, BMS, VESDA, Rodent Repellent System etc.</p>	<p>As per the revised clause mentioned in the corrigendum.</p>

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5	Vol1	Section 3 Revised Pre-Qualification Criteria Clause no 5	169	<p>3. O&M work Experience The Lead Bidder/Consortium partner/JV must have Data Centre O&M work experience in the Civil and Non-IT domain as under. Single work order value of 100 Cr consisting of O&M work experience for Civil & Non-IT. OR Two work orders (one work order for O&M of Civil works & one workorder for O&M of Non-IT works) having total combined value of 100 Cr.</p>	<p>3. O&M work Experience The Lead Bidder/Consortium partner/JV must have Data Centre/ICT/Smart City O&M work experience in the Civil and Non-IT domain as under. Single work order value of 100 Cr consisting of O&M work experience for Civil & Non-IT. OR Two work orders (one work order for O&M of Civil works & one workorder for O&M of Non-IT works) having total combined value of 100 Cr.</p>	As per the revised clause mentioned in the corrigendum.
6	Vol1	Section 3 Revised Pre-Qualification Criteria Clause no 11	172	<p>The Lead Bidder/Consortium partner/JV must have either of two from following Certificate at the time of bidding, a. ISO 9001:2015 b. ISO/IEC 20000 c. ISO/IEC 27001:2013</p>	<p>Request to allow bidders to associate with an agency having ISO/IEC 20000 ISO/IEC 27001:2013 certificates. Bidder shall submit declaration with associated agency credentials along with the bid.</p>	Already allowed to use the credentials of consortium/JV/Group company.

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7	Vol1	Section 3 Revised Pre-Qualification Criteria Clause no 04	169	The Lead Bidder/Consortium partner/JV should have experience of built and implementation of minimum 1 certified Uptime Institute Tier III or TIA-942 Rated III (Design Certified) Data Centre project of having minimum 100+ racks in single project in last 7 years as on publishing date of this tender.	<p>We understand that only construction experience of DC building having 100+ racks is required in bidder's scope. Accordingly request you to change the clause as follows:</p> <p>"The Lead Bidder/Consortium partner/JV should have experience of built and implementation of minimum 1 certified Uptime Institute Tier III or TIA-942 Rated III (Design Certified) Data Centre space project of having minimum 100+ racks in single project in last 7 years as on publishing date of this tender.</p>	As per the revised clause mentioned in the corrigendum.
8	Vol1	Clause 7	45-55	<p>Project Milestone, payment schedule & Liquidated Damages (LD) Capex - 100%</p> <ul style="list-style-type: none"> ● 2.5% MA of CAPEX against 5% ABG ● 2.5% - Approval on Design ● 71% - Completion of Construction ● 15% - Project Go-live ● 4% - Green Datacentre Certification ● 5% - DLP & IT Integration <p>O&M - 100%</p>	<p>The existing payment terms are stringent and effect cashflow of project. Hence request to review this clause.</p> <p>Capex - 100%</p> <ul style="list-style-type: none"> ● 10% MA of CAPEX value (to be recovered from running bills from 3rd RA bill to 90% completion of project) ● 5% - Approval on Design ● 60% - Completion of Construction ● 30% - Supply of Materials ● 4% - Green Datacentre Certification ● 5% - DLP & IT Integration <p>● DLP & IT Integration</p> <p>O&M - 100%</p>	As per the revised clause mentioned in the corrigendum.

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				At end of each quater - Equally distributted in 28 Quaters.	At end of each quater - Equally distributted in 28 Quaters.	
9	Vol1	Clause 7	45-55	Liquidated Damages (LD)	Milestone LD to be removed. LD shall be applicable at 0.25% per week subjected to a maximum of 5% of contract value.	As per the revised clause mentioned in the corrigendum.
10	Additional	Additional	Additional	-	We request you to add this clause All costs & time implications associated with any statutory variation, change in Law, Change in taxes, Minimum wages after the date of submission of bid shall be reimbursed to Service provided at actuals.	Already covered in the RFP.
11	Extension	Extension	Extension	-	Since it is an EPC tender which require proper detailing, we request you to kindly provide 2 Months from the date of issue of prebid clarifications to enable us to submit our most competent offer.	As per the corrigendum.
12	Vol1	Section 3 Revised Pre-Qualification Criteria Note 04	173	In case of single bidder, using the credentials of group company, the bidder must submit declaration from Board of director/statuary auditor/cost auditor certificate showing the common shareholding of the promoters* in the bidding entity and all such entities whose credentials are being used by the	4. In case of single bidder, using the credentials of group company, the bidder must submit declaration from Board of director/statuary auditor/cost auditor certificate showing the common shareholding of the promoters* in the bidding entity and all such entities whose credentials are being used by the bidder.	As per the revised clause mentioned in the corrigendum.

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				bidder. AND An undertaking and declaration by the promoter(s)*/board of directors of such common entities as per the format annexed with this corrigendum. (Please refer the Section 10 of this corrigendum).	AND-OR An undertaking and declaration by the promoter(s)*/board of directors/Authorised Signatory of such common entities as per the format annexed with this corrigendum. (Please refer the Section 10 of this corrigendum).	
13	Vol1	Clause 09	10	Earnest Money Deposit: Bank guarantee of INR 15,00,00,000/-	As per the standard procedure of Gujarat state procedure/CPWD we request to keep EMD to 1% of estimated value only.	As per the corrigendum.
14	Vol1	Section 3 Revised Pre-Qualification Criteria Clause no 04	169	The Lead Bidder/Consortium partner/JV should have experience of built and implementation of minimum 1 certified Uptime Institute Tier III or TIA-942 Rated III (Design Certified) Data Centre project of having minimum 100+ racks in single project in last 7 years as on publishing date of this tender.	While going through EQC / PQ in the RFP in terms of data center construction perspective, it is observed that the work in question is purely on EPC basis and on other side there is a PQ clause like "experience of certified Tier-III/IV Data Centre from Uptime Institute or TIA-942 and certified Uptime Institute Tier III or TIA-942 Rated III (Design Certified) Data Centre project of having minimum 100+ racks in single project". This clause is irrelevant for the lead bidder, absolute monopolistic in-nature and clearly limiting the participation of competent players who has built more complex & mission critical civil infrastructure	As per the revised clause mentioned in the corrigendum.

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					then the datacenter. We have highlighted this matter in multiple discussions and requested to remove such monopolistic clauses from the RFP.	
15	Bid Document	Bid Details	1	Earnest Money Deposit - 15,00,00,000	As the EMD amount is considerably very huge sum, We request to kindly delete the EMD requirements vide the said clause and remove the EMD submission from the tender bid. Kindly confirm.	As per the revised clause mentioned in the corrigendum.
16	Bid Document	Bid Details	1 & 2	<p>RA Qualification Rule: H1-Highest Priced Bid Elimination</p> <p>1. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:</p> <ul style="list-style-type: none"> i. If number of technically qualified bidders are only 2 or 3. ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N. iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination 	As there are stringent Pre-qualification criteria in place to filter the bidders, we understand that the capable bidders shall only be participating in the competitive bidding. In such scenario, we request to kindly delete the provisions of Reverse Auction and confirm.	As per the RFP and subsequent corrigendum, the clause remains unchanged.

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				of H-1. iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1 v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1		
17	Bid Document	Bid Details	2	Duration of ePBG required (Months) - 62	The duration of ePBG shall be 19 months (Project Duration - 19 months) from the date of issue of LOI. Request to kindly revise the same and confirm.	As per the RFP and subsequent corrigendum, the clause remains unchanged.
18	Volume 1	Cl. 4.1	13	Pre-Qualification Criteria: ... Note: Consortium is not allowed under this Tender.	Refer to Cl. 4.1 of Volume 1 (Page 13), wherein it is stated that the Consortium is not allowed in this tender. Very similarly, we understand that JV is also not allowed. Kindly confirm.	The bidder is requested to refer the RFP and Subsequent corrigendum released under this RFP.
19	Volume 1	Cl. 4.1	13	Pre-Qualification Criteria	We understand that any Company / Organization quoting for this current tender shall individually qualify for the given PQ requirements by their own self and not by any basis of any qualification by any Sub-contractor /	The bidder is requested to refer the RFP and Subsequent corrigendum released under this RFP.

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					Consortium partner / JV partner / Subcontractors. Kindly confirm.	
20	Volume 1	Cl. 4.1	14, 15	<p>During the last 07 years, the Bidder must have built, implemented/completed and operated Data Centre projects for Central / State Governments, PSUs, Banking & Financial Institutions, Telecom, and IT companies in India which includes</p> <p>(i) Turnkey Data Centre/ Tier-III/IV Data Centre consisting of building construction, along with installation, commissioning of Electrical Distribution & Lighting, Electrical Substation, DG sets with HSD tank, Precision AC/Chiller Plant, UPS System, Fire Detection & suppression system, Access Control, Lifts and CCTV, BMS, VESDA, Rodent Repellent System, Civil and Interiors etc.</p> <p>A ND</p> <p>(ii) Operation & Maintenance including FMS of the Data Centre as on last date of Bid submission, that meets the below mentioned requirement.</p> <p>a. Single order of value of INR 350 Crore or more.</p>	Kindly confirm the order value mentioned herein includes the value of Operation & Maintenance of the Data Center building.	The bidder is requested to refer the RFP and Subsequent corrigendum released under this RFP.

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				OR b. Two orders each having minimum value of INR 200 Crore or more. OR c. Three orders each having minimum value of INR 150 Crore or more		
21	Volume 1	Cl. 4.1	14, 15	During the last 07 years, the Bidder must have built, implemented/completed and operated Data Centre projects for Central / State Governments, PSUs, Banking & Financial Institutions, Telecom, and IT companies in India which includes (i) Turnkey Data Centre/ Tier-III/IV Data Centre consisting of building construction, along with installation, commissioning of Electrical Distribution & Lighting, Electrical Substation, DG sets with HSD tank, Precision AC/Chiller Plant, UPS System, Fire Detection & suppression system, Access Control, Lifts and CCTV, BMS, VESDA, Rodent Repellent System, Civil and Interiors etc. AND (ii) Operation & Maintenance	If the answer to the above query is affirmative, we seek the following changes in the interpretation of order values as follows: (a) Single order of value (excl. O&M) of INR 300 Crore or more OR (b) Two orders each having minimum value (excl. O&M) of INR 150 Crore or more OR (c) Three orders each having minimum value (excl. O&M) of INR 100 Crore or more	The bidder is requested to refer the RFP and Subsequent corrigendum released under this RFP.

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				including FMS of the Data Centre as on last date of Bid submission, that meets the below mentioned requirement. a. Single order of value of INR 350 Crore or more. OR b. Two orders each having minimum value of INR 200 Crore or more. OR c. Three orders each having minimum value of INR 150 Crore or more		
22	Volume 1	Cl. 4.1	14, 15	During the last 07 years, the Bidder must have built, implemented/completed and operated Data Centre projects for Central / State Governments, PSUs, Banking & Financial Institutions, Telecom, and IT companies in India which includes (i) Turnkey Data Centre/ Tier-III/IV Data Centre consisting of building construction, along with installation, commissioning of Electrical Distribution & Lighting, Electrical Substation, DG sets with HSD tank, Precision AC/Chiller Plant, UPS System, Fire Detection	We understand that any project which is substantially completed / O&M commenced / Testing & Commissioning completed / Handed over to the Client successfully for operations shall also be considered for eligibility criteria against the given requirements of the current tender. Kindly confirm.	The bidder is requested to refer the RFP and Subsequent corrigendum released under this RFP.

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				& suppression system, Access Control, Lifts and CCTV, BMS, VESDA, Rodent Repellent System, Civil and Interiors etc. AND (ii) Operation & Maintenance including FMS of the Data Centre as on last date of Bid submission, that meets the below mentioned requirement. a. Single order of value of INR 350 Crore or more. OR b. Two orders each having minimum value of INR 200 Crore or more. OR c. Three orders each having minimum value of INR 150 Crore or more		
23	Volume 1	Cl. 4.1	14, 15	During the last 07 years, the Bidder must have built, implemented/completed and operated Data Centre projects for Central / State Governments, PSUs, Banking & Financial Institutions, Telecom, and IT companies in India which includes (i) Turnkey Data Centre/ Tier-III/IV Data Centre consisting of building construction, along with	As the current scope of work includes Design, Engineering for the project, we request to include the Design & Engineering of the Data Center building as the major criteria for defining participation by the bidders.	The bidder is requested to refer the RFP and Subsequent corrigendum released under this RFP.

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				installation, commissioning of Electrical Distribution & Lighting, Electrical Substation, DG sets with HSD tank, Precision AC/Chiller Plant, UPS System, Fire Detection & suppression system, Access Control, Lifts and CCTV, BMS, VESDA, Rodent Repellent System, Civil and Interiors etc. AND (ii) Operation & Maintenance including FMS of the Data Centre as on last date of Bid submission, that meets the below mentioned requirement. a. Single order of value of INR 350 Crore or more. OR b. Two orders each having minimum value of INR 200 Crore or more. OR c. Three orders each having minimum value of INR 150 Crore or more		
24	Volume 1	Cl. 4.1	14, 15	During the last 07 years, the Bidder must have built, implemented/completed and operated Data Centre projects for Central / State Governments, PSUs, Banking & Financial	We presume that this Pre-qualification criteria shall include any building / facility which encompasses the Data Center with the requirements as mentioned. Kindly confirm.	The bidder is requested to refer the RFP and Subsequent corrigendum

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				<p>Institutions, Telecom, and IT companies in India which includes (i) Turnkey Data Centre/ Tier-III/IV Data Centre consisting of building construction, along with installation, commissioning of Electrical Distribution & Lighting, Electrical Substation, DG sets with HSD tank, Precision AC/Chiller Plant, UPS System, Fire Detection & suppression system, Access Control, Lifts and CCTV, BMS, VESDA, Rodent Repellent System, Civil and Interiors etc.</p> <p>AND</p> <p>(ii) Operation & Maintenance including FMS of the Data Centre as on last date of Bid submission, that meets the below mentioned requirement.</p> <p>a. Single order of value of INR 350 Crore or more.</p> <p>OR</p> <p>b. Two orders each having minimum value of INR 200 Crore or more.</p> <p>OR</p> <p>c. Three orders each having minimum value of INR 150 Crore or more</p>		<p>released under this RFP.</p>

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25	Volume 1	Cl. 4.1	14, 15	<p>During the last 07 years, the Bidder must have built, implemented/completed and operated Data Centre projects for Central / State Governments, PSUs, Banking & Financial Institutions, Telecom, and IT companies in India which includes</p> <p>(i) Turnkey Data Centre/ Tier-III/IV Data Centre consisting of building construction, along with installation, commissioning of Electrical Distribution & Lighting, Electrical Substation, DG sets with HSD tank, Precision AC/Chiller Plant, UPS System, Fire Detection & suppression system, Access Control, Lifts and CCTV, BMS, VESDA, Rodent Repellent System, Civil and Interiors etc.</p> <p>AND</p> <p>(ii) Operation & Maintenance including FMS of the Data Centre as on last date of Bid submission, that meets the below mentioned requirement.</p> <p>a. Single order of value of INR 350 Crore or more.</p> <p>OR</p> <p>b. Two orders each having minimum value of INR 200 Crore</p>	<p>We presume that this Pre-qualification criteria requirements shall be complied with projects at multiple locations. Kindly confirm.</p>	<p>The bidder is requested to refer the RFP and Subsequent corrigendum released under this RFP.</p>

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				or more. OR c. Three orders each having minimum value of INR 150 Crore or more		
26	Volume 1	Cl. 5.9	36	Subject to the above and not withstanding anything to the contrary elsewhere contained herein, the maximum aggregate liability of the bidder for all claims under or in relation to this agreement shall be regardless of the form of claims shall be limited to 100% of the amount to be paid to SI by DST/GIL under the applicable statement of work that gives rise to such liability (as of the date the liability arose).	Request to kindly revise the maximum limit of liability to 10% of the amount to be paid to SI by DST/GIL under the applicable statement of work that gives rise to such liability (as of the date the liability arose).	As per the RFP and subsequent corrigendum released under this RFP.
27	Volume 1	Cl. 5.13	40	Payment of liquidated damages shall be the sole and exclusive remedies available to DST/GIL Liquidated damages will be 1 % of the Capex cost for delay of every week and capped at 25% of the cost of Capex as mentioned in the Agreement.	Request to kindly revise the LD as 0.25% of project cost (excluding O&M value) per week on overall completion, capped at 5% of the project cost (excluding O&M value).	As per the revised clause mentioned in the corrigendum.

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28	Volume 1	Cl. 5.15	41	All payments will be subjected to tax deduction at source as applicable/ required at the prevailing tax rates. Any changes, revision or enactment in duties like GST, taxes or any CESS during the period of validity of the Bids and also during the contract period by Central/State/Other Government bodies will be considered and applied after due consideration. The decision of DST/GIL in this regard will be final and binding and no dispute will be entertained. Any taxes at the time of supply goods and services shall be applicable as per the LAW.	We understand that the project should be bid excluding GST (18%) and labour cess (1%), for which the applicable amount shall be paid at actuals along with the payments. Kindly confirm.	As per the RFP and subsequent corrigendum released under this RFP.
29	Volume 1	Cl. 7.1	45 - 55	7.1 Project Milestone, Payment Schedule & Liquidated Damages (LD) for CAPEX Civil 7.1 Project Milestone, Payment Schedule & Penalty for CAPEX Non-IT	As the project entails major scope of design, the Contractor shall be allowed to provide the Master Construction Schedule and Milestones based on his project schedule. Hence there shall be no applicable Milestone LD for the project. Kindly confirm.	As per the revised clause mentioned in the corrigendum.

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30	Volume 1	Cl. 7.1	46	Note: *For mobilization advance payment, selected bidder needs to submit ABG (Advance bank Guarantee) of 5% against total CAPEX of Schedule – I (Civil Price Bid) and Schedule – II (Non-IT Price BID) and the validity period of ABG should be additional six months from effective period of contract.	Kindly change the value as 20% (Interest Free Advance) instead of 5% as there is considerable amount of Design & Engineering Required to Kickstart the Project Works.	As per the revised clause mentioned in the corrigendum.
31	Volume 1	Cl. 10	74	7. Obtaining all the Statutory approval from respective authority	As the project is being sponsored by Department of Science and Technology of Gujarat Informatics Limited, it is easier for the Purchaser to obtain the required Statutory Approvals. Hence to it, we request to kindly remove the same from the scope of SI and confirm.	As per the RFP and subsequent corrigendum released under this RFP.
32	Volume 2	Cl. 3.4	24	Allotted land for Greenfield Data center is in the sector-18, Gandhinagar city. The plot has three side open and one side another department building located. The Data Centre building will have total five floors (Ground floor + 5 floors). There are one entry and one exit from the front side for people entry and material entry. The cross-sectional diagram	Kindly provide the following a) Conceptual drawings in '*.dwg' (AutoCAD) format b) Geotechnical Investigation Report c) Site Contour Drawings	As per the RFP and subsequent corrigendum released under this RFP.

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				of the building has been shown in the below figure.		
33	Volume 1	Cl. 7.1	47, 48	<p>G4.2 = G3.2 + 3.5 Months On completion of Ground Floor (From Plinth Level to 1st Floor Level) including 1st floor slab.</p> <p>A) RCC work for Column, beam, slab fins. fascia complete including Reinforcement and formwork complete.</p> <p>B) Brick work/AAC work in walls complete</p>	For milestones 4.2 to 4.7, completion of RCC work and brick works in each floor are sought together (1.5 months typically). However, masonry works are dependent on forwork deshuttering period. L&T shall propose timelines for interim milestones keeping the overall duration intact. Please confirm	As per the RFP and subsequent corrigendum released under this RFP.

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34	Volume 2	Cl. 9.3 & 9.20	Pg. 99 , 157	<p>9.3.1 Foundation shall be pile foundation using specified grade of concrete. The Foundation level shown in the structural & architectural drawings are for supporting the foundation on firm strata as per SBC specified therein.</p> <p>9.20.1. Raft Foundation not less than 3.00 m depth is recommended since allowable Safe Bearing Capacity 20 T/m2 is observed.</p>	<p>The foundation recommendations are contradictory in cl. 9.3.1 and 9.20.1. Kindly confirm the recommended foundation type.</p>	<p>As per the RFP and subsequent corrigendum released under this RFP.</p>
35	RFQ	D) HVAC System	199 of 612	<p>General Design Criteria-In row cooling system with CAC containment</p>	<p>The Max. Server/Network density is 10 kW/Rack and In-row cooling system is not Techno-commercially viable. Can the bidder propose the alternative system considering Uptime Tier -4 certification, Low PUE, compatibility of water leak detection on chilled water piping and techno commercially viable.</p>	<p>As per the RFP and subsequent corrigendum released under this RFP.</p>

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36	Volume 1	RFP/ Project Milestone, Payment schedule & Liquidated Damages (LD)	46 of 612	For mobilization advance payment, selected bidder needs to submit ABG (Advance bank Guarantee) of 5% against total CAPEX of Schedule – I (Civile Price Bid) and Schedule – II (Non-IT Price BID) and the validity period of ABG should be additional six months from effective period of contract.	We would request you to consider interest free mobilization advance of 10% of Contract Price/Project Cost against submission of BG of equivalent amount. To be released in single installment. Recovery of mobilization advances shall be effected on a pro-rata percentage basis to commences when 10% of the Contract Price/Project Cost is billed so as to complete the recovery of entire advance by the time 90% of the Contract Price/Project Cost is billed.	As per the RFP and subsequent corrigendum released under this RFP.
37	Volume 1	RFP/ 5.13 Applicability of Liquidated Damages	40 of 612	Payment of liquidated damages shall be the sole and exclusive remedies available to DST/GIL Liquidated damages will be 1 % of the Capex cost for delay of every week and capped at 25% of the cost of Capex as mentioned in the Agreement.	LD shall be 0.25 % of the Capex cost for delay of every week and capped at 5% of the cost of Capex as mentioned in the Agreement. However, the same shall be refunded back to Contractor in case the subsequent/ final milestone(s) is achieved.	As per the RFP and subsequent corrigendum released under this RFP.
38	Volume 1	5.15 Taxes and Duties	42, 103 of 612	All payments will be subjected to tax deduction at source as applicable/ required at the prevailing tax rates. Any changes, revision or enactment in duties like GST, taxes or any CESS during the period of validity of the Bids and also during the contract period by	We understand as per the Commercial Bid Price that the project should be bid excluding GST (18%) and labour cess (1%), for which the applicable amount shall be paid at actuals along with the payments. Kindly confirm.	As per the RFP and subsequent corrigendum released under this RFP.

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
				Central/State/Other Government bodies will be considered and applied after due consideration. The decision of DST/GIL in this regard will be final and binding and no dispute will be entertained. Any taxes at the time of supply goods and services shall be applicable as per the LAW.		
39	Volume 1	5.15 Taxes and Duties/ 7 Project Milestone, Payment schedule & Liquidated Damages (LD)	46 of 612	Project Milestone, Payment Schedule & Liquidated damages (LD) for CAPEX Civil	We would request to consider LD on overall completion of Civil works. Hence there shall be no applicable Milestone LD for the project. If not the Milestone LD shall be refunded back to Contractor in case the subsequent/ final milestone(s) is achieved.	As per the RFP and subsequent corrigendum released under this RFP.
40	Volume 1	5.15 Taxes and Duties/ 7 Project Milestone, Payment schedule & Liquidated Damages (LD)	46 of 612	Project Milestone Civil Work	As the project entails major scope of design, the Contractor shall be allowed to provide the Master Construction Schedule as per stipulated overall project timeline and Milestones shall be mutually set at the time of award of contract.	As per the RFP and subsequent corrigendum released under this RFP.
41.1		5.15 Taxes and Duties/ 7 Project Milestone,	46 of 612	Payment Against Total Capex of Civil	Monthly RA bill will be raised as per actual work done irrespective of stage/milestone/Minimum amount. Adhoc Payment shall be done 75 % of the assessed value of work shall be	As per the RFP and subsequent corrigendum released under this RFP.

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
		Payment schedule & Liquidated Damages (LD)			paid within 15 working days from date of submission of RA Bill, and the balance certified amount within 30 working days from the date of certification.	
41.2				During the project period, the Purchaser can increase or decrease the quantity by 30% of any product/equipment. The bidder must supply, implement and service the product/ equipment/ solution at the unit price mentioned in the bid. No extra cost will be given by purchaser.	We would request you to consider quantity variation of (+/-) 10% of the contract value.	As per the RFP and subsequent corrigendum released under this RFP.
42				During the last 07 years, the Lead Bidder/Consortium partner/JV must have experience of certified Tier-III/IV Data Centre from Uptime Institute or TIA-942 for Central / State Governments, PSUs, Banking & Financial Institutions, Telecom, and IT companies in India as under. 1. Civil work Experience: Single workorder consisting of building & construction experience of Data Centre having minimum built up area of 3500 sq. meter. OR	Under Civil work experience the following point may also be added: During the last 07 years, the Lead Bidder/Consortium partner/JV must have experience in construction of Infrastructure Development Project on EPC Basis for Central / State Governments & PSUs, in India as under. One Workorder having minimum Value of 800 Crores OR Two workorder having minimum Value of 600 Crores	As per the RFP and subsequent corrigendum released under this RFP.

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
				<p>Two workorders consisting of building & construction experience of Data Centre having minimum built up area of 2000 sq. meter AND</p> <p>2. Non-IT work Experience: Workorder for Data Centre consisting of SITC of Electrical Distribution & Lighting, Electrical Substation, DG sets with HSD tank, Precision AC/ Chiller Plant, UPS System, Fire Detection & suppression system, Access Control, Lifts and CCTV, BMS, VESDA, Rodent Repellent System etc.</p> <p>Single order of value of INR 60 Crore or more.</p> <p>OR</p> <p>Two orders each having minimum value of INR 35 Crore or more.</p>		
43				<p>The Lead bidder/consortium partner/JV jointly must have on its payroll at least 150 Professionals in the Civil Construction domain, Data Centre Electrical, Mechanical, Structural drawing, Cooling, building architecture etc. and other utility Services and having the prior experience in providing the Data Centre Infrastructure</p>	<p>Suggest to change the following: At least 1 no. of Architects (B. Arch.) having 10+ years of relevant experience on its payroll</p>	<p>As per the RFP and subsequent corrigendum released under this RFP.</p>

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
				<p>maintenance services as on bid submission date.</p> <p>Bidder Must have at least following technical manpower strength on its payroll:</p> <p>i. At least 30 number of engineers on its payroll having 10+ years of experience in relevant fields (10 should be Civil engineer, 10 should be electrical engineer, 10 should be mechanical engineer having B.E/B. Tech degree)</p> <p>ii. At least 10 qualified professionals having relevant Degree certificate for his position in,</p> <ul style="list-style-type: none"> • Principal structural Consultants (BE/B.Tech. in Civil having 10+ years of relevant experience) • Principal Electrical consultants (BE/ B. Tech with. Electrical having 10+ years of relevant experience) • Principal Mechanical Consultant (BE/ B. Tech with Mechanical having 10+ years of relevant experience) • Principal Plumbing Consultant (BE/ B. Tech with Civil having 10+ years of relevant experience) • Principal Green Building Consultants (BE/B. Tech with Civil 		

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
				having 10+ years of relevant experience) • Quality Assurance Manager (BE/ B. Tech with Civil having 10+ years of relevant experience) iii. At least 2 no. of Architects (B. Arch.) having 10+ years of relevant experience on its payroll iv. At least 02 resources should be CDCP/CDCS/CDCE certified. v. At least One Data Centre Design Consultants having ATD (Accredited Tier Designer) certification from Uptime Institute/ Equivalent TIA certification vi. At least 05 Project management professional with PMP or Prince-2 certified		
44		10.16 Intelligent rack PDU General S. No. 2	262	IPDU provided shall have minimum 30 number of C13 (24 nos.) or C19 (6 nos.) outlets. The IPDU should be 63A, 3-phase with IEC industrial plugs.	Since design load is 10kW per rack so we can propose 3Ph PDU with 11kW (16amp) capacity which will meet your requirement and It will save huge cost also. Since this solution is available with our basic UPS itself. If you want to go with 63amp then the entire cost of BBT/cable will be huge	Kindly refer Corrigendum 1. dated 24.02.2023. We have revised PDU 32A from 63A. The final requirement of PDU will be 32A with the defined

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
						specifications in the bid document.
45		10.16 Intelligent rack PDU General S. No. 2	263	The PDU should have feature to lock receptacles to secure power cords and avoid accidental disconnections. It should also be able to provide Simplify circuit and phase balancing with color-code receptacles.	OEM specific, As per Tier/TIA PDU , marking is not mandatory. Kindly remove	Kindly go through the Pre-Bid queries response Dt.15.04.2013 We have allowed colour code in receptacles and connection cables. The connection cables will be from PDU OEM make only.
46		10.16 Intelligent rack PDU Features S. No. 5	263	Conforms to CLASS I measurement accuracy. · Socket level Monitoring and Metering of electric parameters: Voltage (V), Current (I), Energy (kWH) Power (kVA, kVAR), Power factor (cos Φ)	Please accept to revise this clause as "Conforms to 3% metering accuracy. Socket level Monitoring and Metering of electric parameters: Voltage (V), Current (I), Energy (kWH) Power (kVA), Power factor.	Kindly refer Corrigendum-01 dated 24.02.2023. It should be as per ANSI and IEC standards with +/- 1% Accuracy", which is the latest Data Centre standard.

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
47		10.16 Intelligent rack PDU Features S. No. 5	263	Current Threshold settings with warning LED on front panel and Buzzer alarm.	OEM specific, Manpowers are not allowed to sit inside the DC hall area then how come they will heard the buzzer?	Kindly refer Corrigendum 1. dated 24.02.2023 Buzzer will be optional
48		10.16 Intelligent rack PDU Features S. No. 5	263	TFT Color Display.	Offer with LCD which is better then TFT.	Kindly refer Corrigendum 1. dated 24.02.2023 revised with TFT/ LED or Higher
49		10.16 Intelligent rack PDU Features S. No. 5	263	Hot Swappable Controller.	OEM Specific	Kindly refer Corrigendum 1. dated 24.02.2023 No change. Controller is required hot swappable as iPDU is critical component. To reduce MTTR this feature has been required.
50		10.17 Server / Network Racks & Cold aisle containment system.	264	The Racks shall include minimum 85% Perforated locking Front Door, Perforated Split locking Rear Doors, 2 pair 19" Mounting Rails with removeable top panel.	Please accept to revise this clause as "The Racks shall include minimum 81% Perforated locking Front Door, Perforated Split locking Rear Doors, 2 pair 19" Mounting Rails with top panel."	Kindly refer Corrigendum 1. dated 24.02.2023 The clause has been

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
		S. No. 3 (Doors)				revised with 75% perforated
51		10.17 Server / Network Racks & Cold aisle containment system. S. No. 4 (Load Baring)	264	The frame shall support 1200kg static weight load, 1000kg dynamic weight load.	Asper mechanical and safety standards Dynamic load shall be 50% of the static load so we are offering 1200kg / 600kg.	Kindly refer Corrigendum 1. dated 24.02.2023 The clause has been revised The bidder can quote with the rack which shall support 1200kg static weight load, 600kg dynamic weight load."
52		10.18 Precision Air conditioning units (Wall mount type) - 3. General	266	The cooling unit should have below features: - High efficiency EC fan with high airflow (> 500 CFM/TR)	Please accept to revise the clause as "- High efficiency AC fan / EC fan with high airflow (> 500 CFM/TR) "	Kindly refer Corrigendum 1. dated 24.02.2023 No Change
53		10.19 Precision Air conditioning units / CRAC for UPS Room	267	The cooling unit should have below features: - with digital Scroll Compressors	We offer better technology with inverter scroll. Kindly accept.	Digital Scroll / Inverter Scroll both acceptable

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
		& Battery Room - 3. General				
54		10.2 Inrow Cooling units for Server room - 2. General	269	The temperature / Humidity sensors should be place 3 level of the rack top, middle and bottom level. It means total 6 sensors in the rack should be consider by bidder three sensors front side and three sensors rear side	We offer our products with 3 sensor which will meet the design requirement.	Kindly refer Corrigendum 1. dated 24.02.2023 No Change
55		10.2 Inrow Cooling units for Server room - 2. General	270	The chilled water inlet temperature to cooling unit 14°C or higher for better efficiency level. The output of the cooling unit should not compromise and need to be achieve cooling capacity of minimum 50kW per cooling unit.	Please specify the design parameters (RAT/SAT) to select and design the units accordingly.	Kindly refer Corrigendum 1. dated 24.02.2023 No Change. We have define Chiller Inlet temp.
56		10.2 Inrow Cooling units for Server room - 2. General	270	Structure parts should galvanize coated with pure polyester, UV resistance powder coating in broken white shade to protect against corrosion resistance and tested to withstand 1000 hrs. salt spray test.	Please accept this as per OEM standards	Kindly refer Corrigendum 1. dated 24.02.2023 No Change. As this will help to overcome Corrosion issue.

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
57		10.14.2.12	248	UPS System- General	<p>Inbuilt/ External Isolators for Input, Output, Static Bypass and Maintenance Bypass</p> <p>Remark: Maintenance Bypass provision changes OEM to OEM to allow maximum participants, need to allow Maintenance bypass as internal or external as per OEM design.</p>	<p>Kindly refer Pre-BID queries response dated 24.03.2023</p> <p>No Change</p>
58		10.14.3	248	UPS System- Mode of operation	<p>During the operation Power module should not go on sleep mode, as it will get difficult to restore the Power and come in operation mode, to overcome that we are providing better efficiency at lower % loading as well</p> <p>Remark: This feature will help to get better efficiency at lower load. It will help for overall TCO</p>	<p>Kindly refer Pre-BID queries response dated 24.03.2023</p> <p>No Change</p>
59		10.14.2 UPS System- General		5. Integrated Parallel capability up to Eight UPS units for capacity	<p>OEM specific design to fulfil required 3.6MW capacity & frame size and paralleling capacity.</p> <p>Remark: The required future capacity is very high i.e. 3600kVA which is easy to fulfill with higher rating UPS models. There are limited OEMs who has small size UPS with 8 no. of paralleling capability. So to allow</p>	<p>Integrated parallel capability up to six UPS unit Capacity with 600 KVA frame size.</p>

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
					maximum OEM to participate, different frame sizes should be allowed.	
60		10.14.3 UPS System- Mode of operation		The two or more UPS units (up to 8) of same capacity should be capable of working in parallel mode N+1 and N+N of operation providing same voltage & frequency.	We offer 3 frame to meet result.	Integrated parallel capability up to six UPS unit Capacity with 600 KVA frame size.
61		10.14.6 Li-ion battery		Lithium-ion Battery module shall have NMC chemistry. Each battery module shall be complied to Safety standards: UL 1973 and IEC 62619	Lithium-ion Battery module shall have LMO/NMC chemistry battery module and battery cabinet/Frame both shall be complied to Safety standards: UL 9540A Remark: MO chemistry is available with limited Battery vendors hence it is required to allow other chemistry as well to expect more participants for LIB battery.	Kindly refer Pre-BID queries response dated 24.03.2023 No Change
62		UPS Certifications		Request to add below certifications which are more specific to UPS: Safety: IEC 62040-1 EMC/EMI/RFI: IEC 62040-2 Performance: IEC 62040-3 UL 1778	Product certification changes OEM to OEM and Model to Model. Need to include some more certifications to get maximum OEM comply and participate. Addition of UPS related specifications	We have specified minimum requirement bidder can Quote Similar or higher

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
63		10.14.6Li-ion battery		Certifications	<p>UL 9540A- Fire Propagation safety Certification Remark: Fire is one of key threat to LIB battey system. Hence it is required to put some kind of certificaiton for LIB fire protection.</p>	<p>Kindly refer Pre-BID queries response dated 24.03.2023 No Change We are keeping LIB batteries in controlled environment with VESDA, and fire system installed in the battery room. The bidder can comply with UL9540A and other technical specifications which has been mentioned in the bid.</p>
64		DICM	524	DCIM- Scope	<p>Request for additional feature: The Monitoring Solution should have integrated AI / ML based predictive analysis CMMS (Computarized Maintenance Management System), workflow analysis, visitor management, anticipating equipment faults. This functionality may be delivered using a combination of</p>	<p>We have specified minimum requirement bidder can Quote Similar or higher</p>

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
					suitable platforms used for IT infrastructure, Building Infrastructure, Power Infrastructure, Barcode scanning, CCTV surveillance, Visitor management system etc. as per proposed architecture. Bidder to provide servers & required accessories as part of their complete solution Remark: To enhance the visibility, decision making for top management and avoid downtime etc. one single software is required to connect to all sub-platforms across data center. (Single dashboard & reporting)	
65		DICM	524	DCIM- General	Request for additional features: The system should be capable of providing Collaborative Analytics in the form of dashboards, charts and also ML data evidencing such as: <ul style="list-style-type: none"> • IT components health v/s Environmental Influences • Resource utilization trend v/s Power requirement trends and forecasts • Thermal Profile v/s Energy demand analysis • Root cause predictive analytics based on heuristics and cognitive analysis. <ul style="list-style-type: none"> • Power utilization trend analysis and Power 	We have specified minimum requirement bidder can Quote Similar or higher

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
					Utilization Effectiveness <ul style="list-style-type: none"> • DC temperature trend analysis and effectiveness analysis • Resource allocation analysis – Racks, Spaces, Floor Area, Power, Computer Remark: To enhance the visibility, decision making for top management and avoid downtime etc. one single software is required to connect to all sub-platforms across data center. (Single dashboard & reporting)	
66		DICM	524	10.37 Data Centre Infrastructure	Request you to keep the original clause. Remark: Please agree to adhere to the original clause, as it is in line with the Network Capacity Planning aspects. For capacity planning, the end user should have overview of Power, Cooling, Space & Network. While NMS is responsible for Monitoring the Network & IT Layer, the Network Summary Report / Network Management feature in DCIM will assist end user to understand the switch-level, port-level, patch panel-level capacities & port densities during Planning Stage.	Kindly refer Pre-BID queries response dated 24.03.2023 No Change

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
67		DICM	529	Slide Show Module:	<p>The management system provides the methodology to cooperate with the monitor screen, projector and video wall to project the designed layout plans to the assigned screens automatically:</p> <ul style="list-style-type: none"> A. It provides transparency to Data Centre key performance indicators and business metrics, which displays customizable information for a high-level overview of Data Centre operations B. It can operate without user intervention. The slide show module starts up automatically when the system boots up and projects the layout plans alternatively. C. It has the ability to run the slide show module in different PCs and project the different layout plans for different management purposes. <p>Remark: Accept to kindly remove this clause, as it is OEM specific. Slideshow is a redundant feature with the video wall offering.</p>	As Per RFP

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
68		DICM	531	Low End UPS Monitoring	<p>If in case client buys UPS from the DCIM OEM bidder which do not have SNMP cards but are managed through serial console cables connected directly to systems powered by the same UPS, the proposed DCIM shall allow integration of those devices as well. Any separate plugin so required shall be bought by client as and when required but DCIM should offer back integration to the same.</p> <p>Remark: Please accept to kindly remove this clause as it recommends customer to buy UPS/equipment from the same OEM as DCIM to promote a certain feature which is not vendor agnostic. DCIM platform should be 100% vendor agnostic in regards with all the features. Any features that are restricted as applicable for the DCIM OEM's brand UPS/other equipment, should not be projected in RFP.</p>	<p>There is no Linkage between UPS & DCIM. Bidder can Quote the product Separate /Similar OEM. However, the bidder should make sure whatever the additional accessories will require to connect with DCIM need to be consider in their proposition.</p>
69		DICM	531	Virtual Machine Migration	<p>DCIM should be scalable to offer plugins to allow safe shutdown for Virtual Machines and Virtual Machine Migration. The safe shutdown feature should support VMWARE and Microsoft HYPERV formats. For sites where the UPS are also from the same OEM as the DCIM the</p>	<p>Kindly refer Corrigendum-01 dated 24.02.2023. This clause will remove, as server shutdown is not required as at all</p>

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
					<p>functionality should be made available day one to the client. For sites where the UPS are not from the same OEM the functionality should be made available as and when client buys UPS from the same OEM for future integration. Non availability of such a capability will be considered as Non-Compliance as client reserves the right to opt for it or not (as per the availability and future scalability on UPS side)</p> <p>Remark: Please accept to kindly remove this clause as it recommends customer to buy UPS/equipment from the same OEM as DCIM to promote a certain feature which is not vendor agnostic. DCIM platform should be 100% vendor agnostic in regards with all the features. Any features that are restricted as applicable for the DCIM OEM's brand UPS/other equipment, should not be projected in RFP. OEM specific clause & OEM is misleading the customer to buy UPS of its own brand by misusing DCIM features.</p>	<p>points, we have considered redundancy.</p>

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
70		Point No 10.20	In-row cooling units for Server Room / Pt 2 268	It should be designed with a maximum footprint of 300 mm width with similar depth of the rack to have better aesthetic view and proper baying with the rack"	Maximum Capacity achievable with 300 Frame is 42 KW only because of the restriction of Face velocity, Kindly Accept either 600 mm width for Cooling Unit or maximum capacity of 42 Kw with each in row unit.	Kindly refer Corrigendum-01 dated 24.02.2023. No Change
71		Point No 10.20	In-row cooling units for Server Room / Pt 2 268	The Cooling unit should have features for expandability and scalability for future to ""N"" number of racks depends on the available space in the server room. Cooling units should have modules of fans which can be added as per requirement and rack loads."	"We comply to the features for expandability and scalability for future to ""N"" number of racks depends on the available space in the server room. As Inrow Cooling Unit U7lizes EC Fan Technology, Which Would be u7lizing power as per the Site running Load and will modulate its Capacity with Varying Load , We suggest to have full Capacity Fan in one go ."	Please read the clause. suggest having full Capacity Fan in one go
72		Point No 10.20	In-row cooling units for Server Room Page no: 262	"2) General: For ensuring a closed system for efficient cooling the chilled water-based cooling should be closed at the front and rear of the rack as the same is required to form a flush joint with the rack." Machine Foot Print would be 600 X 1100, Which would be meeting the Rack Footprint, Hence There would be no Protruding Portion of 200 Mm in Cold Aisle	Please allow Baffle Plates / Deflec7on Grills for uniform distribution The specifications mentioned in tender favors only single OEM therefore we request you to change the same	Kindly refer Corrigendum-01 dated 24.02.2023. The OEM can provide their independent design flush mount or protruding type cooling unit but the 200mm protruding should be front side and inside the cold aisle

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
						containment. The backside should be flush mounted with the server/network rack.
73		Point No 10.16	Intelligent rack PDU General S. No. 2 Page 262	IPDU provided shall have minimum 30 number of C13 (24 nos.) or C19 (6 nos.) outlets. The IPDU should be 63A, 3-phase with IEC industrial plugs.	Since design load is 10kW per rack so we can propose 3Ph PDU with 11kW (16amp) capacity which will meet your requirement and it will save huge cost also. Since this solution is available with our basic UPS itself. If you want to go with 63amp then the entire cost of BBT/cable will be huge	Kindly refer Corrigendum 1. dated 24.02.2023. We have revised PDU 32A from 63A. The final requirement of PDU will be 32A with the defined specifications in the bid document.
74		Point No 10.16	Intelligent rack PDU General S. No. 2 Page 262	The PDU should have feature to lock receptacles to secure power cords and avoid accidental disconnections. It should also be able to provide Simplify circuit and phase balancing with color-code receptacles.	OEM specific, As per Tier/TIA PDU, marking is not mandatory. Kindly remove	Kindly go through the Pre-Bid queries response Dt.15.04.2013 We have allowed colour code in receptacles and connection cables. The connection cables

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
						will be from PDU OEM make only.
75		Point No 10.16	Intelligent rack PDU General S. No. 2 Page 262	Conforms to CLASS I measurement accuracy. · Socket level Monitoring and Metering of electric parameters: Voltage (V), Current (I), Energy (kWH) Power (kVA, kVAR), Power factor (cos Φ)	Please accept to revise this clause as "Conforms to 3% metering accuracy. Socket level Monitoring and Metering of electric parameters: Voltage (V), Current (I), Energy (kWH) Power (kVA), Power factor	Kindly refer Corrigendum-01 dated 24.02.2023. It should be as per ANSI and IEC standards with +/- 1% Accuracy", which is the latest Data Centre standard.
76		Point No 10.16	Intelligent rack PDU General S. No. 2 Page 262	Current Threshold settings with warning LED on front panel and Buzzer alarm	OEM specific, human presence is not allowed inside the DC hall area then how come they will hear the buzzer? Need to be amended	Kindly refer Corrigendum 1. dated 24.02.2023 Buzzer will be optional
77		Point No 10.16	Intelligent rack PDU General S. No. 2 Page 262	TFT Display	Please allow TFT/ LCD as LCD is more updated technology	Kindly refer Corrigendum 1. dated 24.02.2023 revised with TFT/ LED or Higher

Sr. No	Volume	Corrigendum / RFP Point No.	Corrigendum / RFP Page No.	Content of the Corrigendum / RFP	Clarification Sought	Responses
78		Point No 10.16	Batteries Page 247	has mention of only NCM batteries	This is vendor specific It Should LMO/NCM this will allow multiple vendors	Kindly refer Pre-BID queries response dated 24.03.2023 No Change

2. Earnest money deposit

- i. The Bidder shall furnish EMD for the amount of **INR 6,00,00,000/- (INR Six Corer)** and the validity period **for 6 months from the last date of bid submission.**
- ii. EMD is required to protect the DST/GIL against the risk of Bidder's conduct.
- iii. The EMD may be in the form of a Demand draft or Pay order or Bank Guarantee [on the lines of **Annexure-O**, issued by a Nationalized Bank in India, drawn in favor of DST/GIL payable at Gandhinagar.
- iv. Any Bid not accompanied by EMD for the specified amount as mentioned elsewhere in the RFP will be rejected as non-responsive.
- v. The EMD of the unsuccessful bidders shall be returned within 2 weeks from the date of Bid finalization.
- vi. The EMD of the successful Bidder will be discharged upon the Bidder signing the contract and furnishing the Performance Bank Guarantee for the amount and validity as mentioned in this RFP, which should be strictly on the lines of format placed in **Annexure-P**.
- vii. No interest is payable on EMD.
- viii. The EMD may be forfeited: -
 - a) if a Bidder withdraws his Bid during the period of Bid validity specified in this RFP or
 - b) if a Bidder makes any statement or encloses any form which turns out to be false/incorrect at any time prior to the signing of the contract; or if the successful Bidder fails to sign the contract or furnish Performance Bank Guarantee, within the specified time in the RFP/Purchase Order.

If EMD is forfeited for any reasons mentioned above, the concerned Bidder may be debarred from participating in the RFPs floated by the DST/GIL, in future, as per sole discretion of the DST/GIL.

3. Revised Pre –Qualification Criteria

Sr. No	Eligibility Criteria	Documents to be submitted
<p>PQ 4</p>	<p>The Lead Bidder/Consortium partner/JV should have experience of built and implementing of minimum 1 certified Uptime Institute Tier III or TIA-942 Rated III (Design Certified) Data Centre Project having a minimum of 100+ racks space in a single project in the last 7 years as on publishing date of this tender.</p> <p>Note: The Self-built Data Center constructed by the bidder for 3rd party commercial use will only be considered part of completed works. The bidder is to submit a board of director/statuary auditor/cost auditor & client certificate (using the facility) confirming the value and quantum of the project and achieving the Tier III standards.</p>	<p>FOR Data Centre built for Client</p> <p>1. Copy of the Work order/Purchase Order</p> <p>AND</p> <p>Certificate of completion of the work from the client or phase-wise completion certificate from the client.</p> <p>2. Uptime/TIA Certification</p> <p>Note: In case, the Data Centre built for the client did not opt for the Tier III certification from any certified agency, the bidder should submit a client certificate stating that the facility was built for Tier III standards with a number of racks space and a copy of work order stating built Tier III Data Centre.</p>
<p>PQ 5</p>	<p>During the last 07 years, the Lead Bidder/Consortium partner/JV must have experienced of certified Tier-III/IV Data Centre from Uptime Institute or TIA-942 for Central / State Governments, PSUs, Banking & Financial Institutions, Telecom, and IT companies in India as under.</p> <p>1. Civil Work Experience:</p> <p>Single work order consisting of building & construction experience of Data Centre having a minimum built-up area of 3500 sq. meters.</p> <p>OR</p> <p>Two work orders consisting of building & construction experience of Data Centre having a minimum built-up area of 2000 sq. meter</p> <p>AND</p> <p>2. Non-IT Work Experience:</p> <p>Work order for Data-Centre consisting of SITC of Electrical Distribution & Lighting,</p>	<p>1. Copy of work order(s) / Purchase Order and Contract Agreement</p> <p>AND</p> <p>2. Certificate of timely completion of the work from client or phase wise completion certificate from client.</p> <p>OR</p> <p>2. Go Live or FAT certificates issued by the customer</p> <p>For self-built Data Centre, the bidder should submit the necessary documented evidence certifying the value of the Data Centre to meet the said criteria certified by board of director/statuary auditor/cost auditor & client certificate (using the facility).</p> <p>Note: In case, the Data Centre build for client did not opt the Tier III certification from any certified agency, the bidder should submit client certificate stating that the facility built for Tier III standards with</p>

<p>Electrical Substation, DG sets with HSD tank, Precision AC/ Chiller Plant, UPS System, Fire Detection & suppression system, Access Control, Lifts and CCTV, BMS, VESDA, Rodent Repellent System, Minimum 20 no's of Rack etc.</p> <p>A single work order of value of INR 60 Crore or more.</p> <p>OR</p> <p>Two or more work orders each having a minimum combined order value of INR 35 60 Crore or more.</p> <p>AND</p> <p>3. O&M Work Experience</p> <p>The Lead Bidder/Consortium partner/JV must have Data Centre/ICT*/Smart City* O&M work experience in the Civil and Non-IT domain as under.</p> <p>Single work order value of 100 80 Cr consisting of O&M work experience for Civil & Non-IT.</p> <p>OR</p> <p>Two work orders each having a value of 100 40 Cr. (one work order for O&M of Civil works & one work order for O&M of Non-IT works shall be considered as a combined one work order in any value combination.)</p> <p>Note: * In case of O&M of ICT and Smart City for Non-IT domain, Bidder should have minimum experience in below categories with Similar** capacity as per bid requirement.</p> <p>Electrical Distribution & Lighting, Electrical Substation, DG sets with HSD tank, Precision AC/ Chiller Plant, UPS System, Fire Detection & suppression system, Lifts and CCTV, VESDA, Rodent Repellent System etc.</p> <p>** Similar means experience should be allowed up to minimum capacity of -25% of mentioned capacity in this RFP.</p>	<p>number of racks and copy of work order stating built Tier III Data Centre.</p>
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	<p>1. In case of Single work order, the above credentials should be complied with and clearly defined in the Work order with respect to CIVIL, Non-IT and O&M experience.</p> <p>For Self-built Data Center constructed by the bidder for 3rd party commercial use only will be considered as part of the completed works. The Bidder is to submit a board of director/statuary auditor/cost auditor & client certificate confirming the value and quantum of the project and achieving the Tier III standards.</p>	
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Note:

- 4. In case of a single bidder, using the credentials of the group company, the bidder must submit a declaration from the Board of directors/statuary auditor/cost auditor/Authorized signatory certificate showing the common shareholding of the promoters* in the bidding entity and all such entities whose credentials are being used by the bidder.**

AND

An undertaking and declaration by the promoter(s)*/board of directors/Authorized signatory of such common entities as per the format annexed with this corrigendum. (Please refer the Section 10 of this corrigendum).

Note: Other Pre-qualification Criteria and notes for the qualification of the bidders will remain the same as published in the RFP and subsequent corrigendum documents.

4. Revised Technical Qualification Criteria

Sr No	RFP Evaluation Criteria	Max Marks	RFP Criteria		
1	Capability of Lead Bidder/Consortium partner/JV partner to execute certified Uptime Institute Tier III or TIA-942 Rated III (Design Certified) Data Centre having minimum 100+ racks space project.	20	Lead Bidder/Consortium/JV should have experience in setting-up Data Centre Infrastructure in India, quantified in terms of number of projects will be evaluated. Only Projects constructed and commissioned in the last 7 years from the date of Release of RFP will be considered.		
			Project Type	No. of Projects (having ≥ 100 rack space)	Marks
			Tier III/Rated III or More	≥ 3	15
				2	12
				1	10
<p>* 05 Marks will be given extra for Tier IV Data Centre credential i.e., 05 marks for one Tier IV DC. These marks will be added in Marks secured by bidder as per above table.</p> <p>Bidder needs to submit Purchase order along with Project Phase wise Completion Certificate from Client AND Uptime/TIA Certification</p> <p>*Note: 1. If the data Centre (Design Certified) is not certified by Uptime Institute Tier III or TIA-942 Rated III (Design Certified), the bidder must produce the documentary proof of achieving the Tier III standards by board of director/statuary auditor and client certificate (using the facility) confirming the value and quantum of the project.</p>					
2	The Lead Bidder/Consortium partner/JV Partner's experience in certified Tier-III/IV Data Centre from Uptime Institute or TIA-942 for Central / State Governments, PSUs, Banking & Financial Institutions, Telecom, and IT companies in India in last 07 years in the following domain : Civil Work Experience: Building & Construction work of Data Centre AND Non-IT work Experience:	30	Project Type	No. of Projects	Marks
			Civil work Experience:		
			Having built & constructed project of minimum 5000 sq. mtr area	1	10
			Having built & constructed project of minimum 3500 sq. mtr area	≥ 2	10
				1	8
			Having built & constructed project of minimum 2000 sq. mtr area	≥ 2	8
			Non-IT work Experience		
			SITC of Non-IT Project having value of 80 Cr.	≥ 1	10
			SITC of Non-IT Project having value of 60 Cr.	≥ 1	8

Sr No	RFP Evaluation Criteria	Max Marks	RFP Criteria		
	<p>Work order for Data-Centre consisting of SITC of Electrical Distribution & Lighting, Electrical Substation, DG sets with HSD tank, Precision AC/ Chiller Plant, UPS System, Fire Detection & suppression system, Access-Control, Lifts and CCTV, BMS, VESDA, Rodent Repellent System, Minimum 20 no's of Rack etc.</p> <p>A single work order of value of INR 60 Crore or more.</p> <p>OR</p> <p>Two or more work orders each having a minimum combined order value of INR 35 60 Crore or more.</p> <p>Note:</p> <p>1. Only Projects constructed and commissioned in the last 7 years from the date of Release of RFP will be considered.</p> <p>2. Self build Data Center constructed by the bidder for 3rd party commercial use only will be considered as part of completed works. The Bidder to submit a board of directors/statuary auditor/cost auditor & client certificate (using the facility) confirming the value and quantum of the project and achieving the Tier III standards.</p>		SITC of Non-IT Project having value of 35 60 Cr.	>=2	8-6
			<p>O&M Experience in Civil and Non IT</p> <p>-Single work order having combined work of O&M for CIVIL and Non IT</p> <p>OR</p> <p>Two work orders each having a value of 40 Cr. (one work order for O&M of Civil works & one work order for O&M of Non-IT works shall be considered as a combined one work order in any value combination.)</p>		
			Work order having value of 130 80 cr.	>=1	10
			Work Order(s) having Value of 100 40 Cr.	>=1	8
			<p>Bidder needs to submit Purchase order along with Project Phase wise Completion Certificate from Client</p> <p>AND</p> <p>Uptime/TIA Certification</p> <p>Note:</p> <p>*Marks under this section is capped at 30. In any combinations, the Marks shall not be given more than 30.</p>		

Note: Other Technical qualification Criteria and notes for the qualification of the bidders will remain the same as published in the RFP and subsequent corrigendum documents.

5. Project Milestone, Payment Schedule & Liquidated Damages (LD)

5.1 Project Milestone, Payment Schedule & Liquidated Damages (LD) for CAPEX Civil

➤ Project Initiation and Designing Phase

Timeline	Milestone	Activity Detail	Project Milestone Civil Work	Payment Against Total Capex of Civil	LD for Civil Works
G0	Project Award	Issue of Letter of Intent (LOI) i.e. (Start Date of the project) Letter of acceptance by successful bidder within 7 days of LOI.	G0	NA	NA
G1 =G0 + 3 Week	Project Initiation	MSA to be signed within three (3) Weeks from the date of issuance of LOI. PBG @ 10% of the TCV (Total Contract Value) to be submitted by SI simultaneously.	G1	NA	LD will 0.2% per week of total CAPEX value of the Civil Price Bid (Schedule-I)
G2 =G1 + 1 Week	Project Kick-off & Mobilization	Kick-off meeting along with all stakeholders, to happen within 1 week from the G1. Along with the Deployment of resources. SI to coordinate with DST/GIL for the Kickoff meeting. Detail Project plan to be submitted by SI before Kickoff meetings.	G2	2.5% Against total Capex of Civil Price BID (Schedule-I) (As Mobilization Advance Payment)	Kick-off meeting delay: LD will be 0.1% per week of total CAPEX value of Civil Price Bid (Schedule-I) Deployment of resources: LD will be 0.1% per week of total CAPEX value of Civil Price Bid (Schedule-I)
G3 =G2 + 2 Months	Preparation & Submission of Site survey, readiness for Civil work, Server farm layout,	Submission of Design Documents, Layout, draft Drawing etc. ready for statutory approvals and Uptime Institute Certifications	G3.1= G2+ 1 Months	NA	NA

Timeline	Milestone	Activity Detail	Project Milestone Civil Work	Payment Against Total Capex of Civil	LD for Civil Works
	Structural drawings, Civil work Implementation Plan, Interior works layout for approval				
	Finalization and submission of Design documents , Layout, Drawings etc. after incorporating all the inputs.	<p>SI has to finalization all the Design Documents, Layouts, Drawings etc. after incorporating all the submissions by all the stakeholders.</p> <p>SI has to final submit the Design document, Layout, Drawing etc., for the following certificates.</p> <ol style="list-style-type: none"> 1. statutory approvals and 2. Tier Design Certificate from the Uptime Institute 	G3.2=G2+ 2 Months	2.5% Against total Capex of Civil Price BID (Schedule-I)	LD will 0.2% per week of total CAPEX value of the Civil Price Bid (Schedule-I)

Note: * For mobilization advance payment, the selected bidder needs to submit ABG (Advance bank Guarantee) of an equivalent amount i.e. 5% of CAPEX of Schedule – I and Schedule – II and the validity period of ABG should be additional six months from the effective period of contract.

➤ **Implementation Phase**

Timeline	Milestone	Activity Detail	Project Milestone Civil Work	Payment Against Total Capex of Civil	Penalty Civil
G4 =G3 + 14 Months	Completion of Civil & Interior Works including Structural, Architectural, Plumbing, Fire Fighting	<p>Completion of all Civil & Interior works including Structural, Architectural, Plumbing, and Fire Fighting works.</p> <p>Request for inspection of all the items delivered & Installation of the same</p>	<p>G4.1 = G3.2 + 2 Months</p> <p>Completion of Foundation Level Up to Plinth Level</p> <p>A) Earth work in excavation. B) PCC below raft foundation and water proofing. C) RCC work complete for Footing/ Raft Foundation, retaining walls, columns, Plinth Beams, Grade Slab etc. and</p>	12% Against total Capex of Civil Price BID (Schedule-I)	LD will be 0.5% per week against the total payable milestone amount of the Civil Price Bid (Schedule-I).

Timeline	Milestone	Activity Detail	Project Milestone Civil Work	Payment Against Total Capex of Civil	Penalty Civil
		SI to furnish weekly progress reports.	Waterproofing complete.		
			<p>G4.2 = G3.2 + 3.5 Months On completion of Ground Floor (From Plinth Level to 1st Floor Level) including 1st-floor slab. A) RCC work for Column, beam, and slab fins. fascia complete including Reinforcement and formwork complete. B) Brick work/AAC work in walls complete</p>	5% Against total Capex of Civil Price BID (Schedule-I)	LD will be 0.5% per week against the total payable milestone amount of the Civil Price Bid (Schedule-I).
			<p>G4.3 = G3.2 + 5 Months On completion of First Floor (From 1st Floor Level to 2nd floor level) including 2nd floor slab. A) RCC work for Column, beam, slab fins. fascia complete including Reinforcement and formwork complete. B) Brick work/AAC work in walls complete</p>	5% Against total Capex of Civil Price BID (Schedule-I)	LD will be 0.5% per week against the total payable milestone amount of the Civil Price Bid (Schedule-I).
			<p>G4.4 = G3.2 + 6.5 Months On completion of Second Floor (From 2nd Floor Level to 3rd floor level) including 3rd floor slab. A) RCC work for Column, beam, slab fins. fascia complete including Reinforcement and formwork complete. B) Brick work/AAC work in walls complete</p>	5% Against total Capex of Civil Price BID (Schedule-I)	LD will be 0.5% per week against the total payable milestone amount of the Civil Price Bid (Schedule-I).

Timeline	Milestone	Activity Detail	Project Milestone Civil Work	Payment Against Total Capex of Civil	Penalty Civil
			<p>G4.5 = G3.2 + 8 Months On Completion of Third Floor (From 3rd Floor Level to 4th floor level) including 4th floor slab. A) RCC work for Column, beam, slab fins. fascia complete including Reinforcement and formwork complete. B) Brick work/AAC work in walls complete</p>	<p>5% Against total Capex of Civil Price BID (Schedule-I)</p>	<p>LD will be 0.5% per week against the total payable milestone amount of the Civil Price Bid (Schedule-I).</p>
			<p>G4.6 = G3.2 + 9.5 Months On completion of Fourth Floor (From 4th Floor Level to 5th floor level) including 5th floor slab. A) RCC work for Column, beam, slab fins. fascia complete including Reinforcement and formwork complete. B) Brick work/AAC work in walls complete</p>	<p>5% Against total Capex of Civil Price BID (Schedule-I)</p>	<p>LD will be 0.5% per week against the total payable milestone amount of the Civil Price Bid (Schedule-I).</p>
			<p>G4.7 = G3.2 + 11 Months On completion of Fifth Floor (From 5th Floor Level to Terrace level) including Terrace slab and structural works above terrace. A) RCC work for Column, beam, slab fins. fascia complete including Reinforcement and formwork complete. B) Brick work/AAC work in walls complete. C) RCC works in Water</p>	<p>6% Against total Capex of Civil Price BID (Schedule-I)</p>	<p>LD will be 0.5% per week against the total payable milestone amount of the Civil Price Bid (Schedule-I).</p>

Timeline	Milestone	Activity Detail	Project Milestone Civil Work	Payment Against Total Capex of Civil	Penalty Civil
			tanks, Mumty, Machine room, Parapets, columns, walls etc. Complete above terrace level. D) Roof Treatment, Water Proofing of RCC Tank and Misc. works		
			<p>G4.8 = G3.2 + 12.5 Months Finishing works, fittings and fixtures at all floors (Ground floor to Fifth Floor including Mumty/Machine room complete. A) Wood and Steel work complete B) Internal Plastering, painting, flooring, internal and external finishing and cladding work Complete.. C) False ceiling, Wall panelling, structural Glazing and acoustical work complete. D) Aluminium Work in doors, windows, Fire Doors including fittings complete. E) Water proofing to sunken slabs, toilets etc. complete. (This can be Paid 3% for Each floor Finishing =6x3=18%) for G+5 Building</p>	<p>18% Against total Capex of Civil Price BID (Schedule-I)</p>	<p>LD will be 0.5% per week against the total payable milestone amount of the Civil Price Bid (Schedule-I).</p>
			<p>G4.9= G3.2 + 14 Months Other Works A) Hardscape, horticulture works, and all pending works complete B) Road work, Pathways, Foot paths, Grass Pavers etc. complete</p>	<p>5% Against total Capex of Civil Price BID (Schedule-I)</p>	<p>LD will be 0.5% per week against the total payable milestone amount of the Civil Price Bid (Schedule-I).</p>

Timeline	Milestone	Activity Detail	Project Milestone Civil Work	Payment Against Total Capex of Civil	Penalty Civil
			C) Boundary Wall D) External Water supply line E) External Storm Drainage System and RWH F) External Sewer line up to Main Line		

➤ **PAT and FAT Phase**

Timeline	Milestone	Activity Detail	Project Milestone Civil Work	Payment Against Total Capex of Civil	Penalty Civil
G5 = G4 + 1 Months	PAT of Civil Infrastructure Inspection of Installation of all Civil Infrastructure System	On Successful Completion of inspection of Civil Infra GIL will issue an Acceptance Test (PAT) sign-off for the Civil Infrastructure system.	G5	14% Against total Capex of Civil Price BID (Schedule-I)	LD will be 0.5% per week against the total payable milestone amount of the Civil Price Bid (Schedule-I).
G6 = G5 + 1 Months	FAT of complete Civil Infrastructure (Project Sign-Off & Go-Live# of the Project - subject to successful completion of FAT of Non-IT)	After the closure of all points/observations from IT solution Bidder, SI to offer the final inspection of Civil infrastructure. Basis, on successful completion of FAT Integrated with Non-IT /MEP services GIL to issue Final Acceptance Test (FAT) certificate for Civil and finalize the date of Go-Live. *Comprise of Building Utilization permission.	G6	10% Against total Capex of Civil Price BID (Schedule-I)	LD will be 0.7% per week against the total payable milestone amount of the Civil Price Bid (Schedule-I).

		*Municipal NOC etc. *NOC taken from DST/GIL/Committee for Integration of Solution of IT solution			
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➤ **Certification and IT Integration/Defect Liability Phase**

Timeline	Milestone	Activity Detail	Project Milestone Civil Work	Payment Against Total Capex of Civil	Penalty Civil
G7 = G6 + 1.5 Months	IGBC Rating for Green Data Centre Certificate	IGBC Rating for Green Data Centre Certificate	G7	2% Against total Capex of Civil Price BID (Schedule-I)	LD will be 0.5% per week against the total payable milestone amount of Civil Price Bid (Schedule-I)
G8 = G6+5 Months	Defect Liability and Integration with IT solution Period for 5 Months	During this period, Contractor is responsible for defects resolve without any extra payment, with respect to the Project/Works.	G8	3% Against total Capex of Civil Price BID (Schedule-I)	Payment will be released against Successful completion of IT Integration/DLP

***NOTE: Total LD for the Initiation, Design, Implementation and FAT phase (except O&M phase) under this RFP is capped at a Maximum of 10% of the total contract value.**

5.2 Project Milestone, Payment Schedule & Penalty for CAPEX Non-IT

Timeline	Milestone	Activity Detail	Project Milestone Non-IT	Payment Against Total Capex of Non-IT	Penalty non-IT
G0	Project Award	Issue of Letter of Intent (LOI) i.e. (Start Date of the project) Letter of acceptance by successful bidder within 7 days of LOI.	G0	NA	NA
G1 =G0 + 3 Week	Project Initiation	MSA to be signed within three (3) Weeks from the date of issuance of LOI. PBG @ 10% of the TCV (Total Contract Value) to be submitted by SI simultaneously.	G1	NA	LD will be 0.1% per week against total CAPEX of Non-IT Price Bid (Schedule-II)
G2 =G1 + 1 Week	Project Kick-off & Mobilization	Kick-off meeting along with all stake holders, to happen within 1 week from the G1. Along with Deployment of resources. Detail Project plan to be submitted by SI before Kickoff meetings.	G2	2.5% Against total Capex of Non-IT Price BID (Schedule-II)	LD will be 0.2% per week against total CAPEX of Non-IT Price Bid (Schedule-II)
G3 =G2 + 2 Months	Preparation & Submission of Site survey, readiness for Civil work, Server farm layout, Structural drawings, Civil work Implementation Plan, Interior works layout for approval	Submission of Design Documents, Layout, draft Drawing etc. ready for statutory approvals and Uptime Institute Certifications	G3.1= G2+ 1 Months	NA	NA
	Finalization and submission of Design documents,	SI has to finalization all the Design Documents, Layout, Drawings	G3.1= G2+ 2 Months	2.5% Against total Capex of	LD will be 0.2% per week against total CAPEX of

Timeline	Milestone	Activity Detail	Project Milestone Non-IT	Payment Against Total Capex of Non-IT	Penalty non-IT
	Layout, Drawings etc. after incorporating all the inputs.	etc. after incorporating all the submission by all the stakeholders. SI has to final submit Design document, Layout, Drawing etc. for all the statutory approvals and Uptime Institute for requisite certification.		Non-IT Price BID (Schedule-II)	Non-IT Price Bid (Schedule-II)
G4' =G4.4 (Civil) + 4 Months	Delivery of All No-IT component as per Non-IT Price Bid Annexure.	Completion of Delivery of Electrical, HVAC, DCIM, Lifts, UPS & Battery, DG, Rack & IP-PDU, Video Wall, Passive Cabling works. etc. SI to furnish weekly progress report.	G4' = G4.4 (Civil) + 4 Months All Non-IT Components Delivery to be completed **	60% Against Capex value of the Item delivered at site. As per Non-IT price BID (Schedule-II)	LD will be 0.5% per week or part thereof of the Capex value of delayed Items of Non-IT Price Bid (Schedule-II)
G5' = G4' + 8.5 Months	Installation commissioning of all non-IT components Followed by PAT of Non-IT System.	DST/GIL/ Committee appointed by DST/GIL to carry out the inspection of installation and commissioning of all Non-IT system. Then, GIL to issue an Acceptance Test (PAT) sign-off for Non-IT Infrastructure system.	G5'=G 4.4. + 8.5 months	18% Against successful Completed PAT Item. As per Non-IT price BID (Schedule-II)	LD will be 0.5% per week or part thereof of the Capex value of delayed Items of Non-IT Price Bid (Schedule-II)
G6' = G5'+ 1 Months	FAT of complete Non-IT Integrated solution. (Project Sign-Off & Go-Live# of	After closure of all points or observations from IT solution Bidder, DST/GIL/Committee appointed by DST/GIL to	G6'	10% Against FAT Item. As per Non-IT price BID	LD will be 0.7% per week or part thereof of the Capex value of delayed Items of Non-IT Price Bid (Schedule-II)

Timeline	Milestone	Activity Detail	Project Milestone Non-IT	Payment Against Total Capex of Non-IT	Penalty non-IT
	the Project-subject to successful completion of FAT of CIVIL)	complete the final inspection of all installation and commissioning of complete Civil, Non-IT Then, GIL to issue Final Acceptance Test (FAT) certificate for all commissioned Civil, Non-IT and finalize the date of Go-Live. *Comprise of Building Utilization permission. Municipal NOC etc.		(Schedule-II)	

➤ **Certification and IT Integration/Defect Liability Phase**

Timeline	Milestone	Activity Detail	Project Milestone Non-IT	Payment Against Total Capex of Non-IT	Penalty Non-IT
G7' = G6'+ 1.5 Months	Uptime Tier-III Facility Certificate	Obtaining Uptime Tier-III Facility Certification	G7'	2% Against total Capex of Non-IT Price BID (Schedule-II)	LD will be 0.5% per week against total CAPEX Non-IT Price Bid (Schedule-II)
G8' = G6'+5 Months	Defect Liability and Integration with IT solution Period for 5 Months	Commencing at Completion of the Project/Works, during which the Contractor is responsible for defects resolve without any extra payment, with respect to the Project/Works.	G8'	5% Against total Capex of Non-IT Price BID (Schedule-II)	Payment will be released against Successful completion of IT Integration/DLP

NOTE: Total LD for the Initiation, Design, Implementation and FAT phase (except O&M phase) under this RFP is capped at a Maximum of 10% of the total contract value.

** SI needs to take prior approval from the committee before initiating any Non-IT Components delivery On Site.

#Go Live of the Project shall be issued only after completion of FAT of CIVIL and Non-IT components and FAT certification issued by DST/GI