

Indian Institute of Tropical Meteorology

PS/128/01/2013

June 14, 2013

Minutes of Pre-bid Meeting of HPC Data Centre RFP

Pre-bid meeting as scheduled and mentioned in HPC Data Centre RFP was held at Aryabhata conference hall of IITM, on 14 June 13 at 1100 hrs for building of HPC Data Center at IITM, Pune and NCMRWF, Noida on turnkey basis. The following members were present:

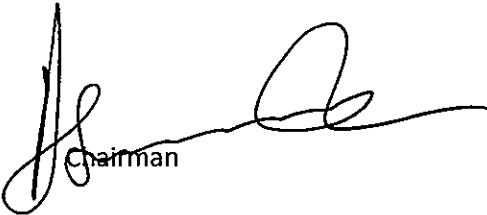
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|---|---|-----------------|
| 1. Dr. A. Suryachandra Rao, Scientist-F | - | Chairman |
| 2. Dr. A.K Sahai, Scientist-F | - | Member |
| 3. Dr. P. Mukhopadhyay, Sc. 'D' | - | Member |
| 4. Shri. S.M.D. Jeelani, Computer Engineer | - | Member |
| 5. Shri. Ravindra Bankar, Mechanical Engineer | - | Member |
| 6. Shri. A. K. Saxena, Civil Engineer | - | Member |
| 7. Shri. Jnanesh S.P., Electrical Engineer | - | Member |
| 8. Shri. Mahesh Dharua, Mechanical Engineer | - | Member |
| 9. Shri. S. M. Hendre, Manager LACD & Joint Manager | - | Member |
| 10. Shri. V.R. Mali, Scientific Officer Gri-I | - | Member Convener |

Dr. Preveenkumar D. Sc. 'E', Dr. Athiyaman, Sc. 'E' of NCMRWF and representatives of M/s. Archivista, Pune consultant for this project also attended the pre-bid meeting. Dr. N. Karmakar, Adviser could not attend the meeting.


The committee went through all the pre-bid queries received from the vendors and discussed the same before calling all the vendors.

Representatives of the following firms / Companies attended the meeting attendance sheet enclosed.

1	M/s. Wipro Infotech, Pune
2	M/s. CMC Limited, Pune
3	M/s. Dynacons Solutions That Empower, Mumbai
4	M/s. Socomec UPS Indian Pvt Ltd., Pune
5	M/s. TATA Consultancy Services Ltd., Pune
6	M/s. Cadsygis Systems and Services Pvt. Ltd., Indore
7	M/s. Siemens Enterprise Communications Pvt Ltd., Pune
8	M/s. IBM India Pvt. Ltd., New Delhi
9	M/s. Sterling & Wilson Ltd., Pune


Chairman

Member Convener



10	M/s. Schneider Electric India Pvt Ltd., Pune
11	M/s. APC Schneider Electric, Pune
12	M/s. Novateur Electrical & Digital Systems pVt. Ltd., Pune
13	M/s. Emerson Network Power (India) Pvt. Ltd., Pune
14	M/s. Kelvolt (India) Pvt. Ltd., Mumbai
15	M/s. HP India Sales Pvt. Ltd., Mumbai
16	M/s. Omnitech InfoSolutions Ltd., Pune

The committee decided to answer all the queries which were received before the pre-bid meeting and then to address all the queries which the vendors would be raised during the meeting.

All the queries received has been clarified to all the vendors have been enclosed as Annexure as mentioned in the following table.

Sr. No.	Name of the Vendor	Annexure number
01.	M/s. Wipro Infotech,	A
02.	M/s. HP Ltd.	B
03.	M/s. IBM India Pvt. Ltd.,	C
04.	M/s. ITI Ltd.,	D
05.	M/s. Sterling & Wilson Ltd., Pune	E

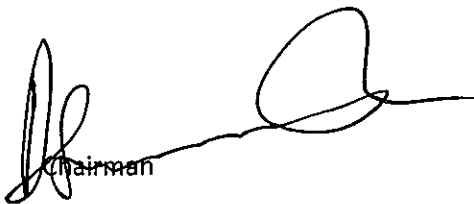
The committee has responded to the queries raised during course of discussion of pre-bid meeting.

It was decided that a consolidated addendum in view of the queries of the vendor will be prepared and published in the website. This was communicated to all the vendors during the pre-bid meeting. The BOQ of Data Centre-(B) was discussed and same will also be uploaded on the website.

The following are the few major changes accepted/incorporated:

Technical

- a. The chiller redundancy for IITM, Pune has been increased **from N+1 to N+N level by adding additional chiller**. All subsequent changes in the design to this effect has been incorporated including double loop piping.
- b. The UPS Power factor efficiency is required to 0.9 or better.
- c. Approved Makes for HT panels were incorporated as Schneider, Siemens, ABB, L&T.


Chairman

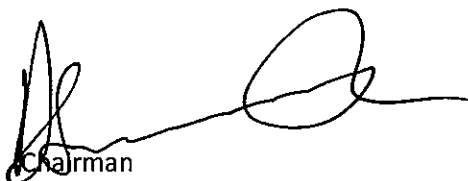
Member Convener



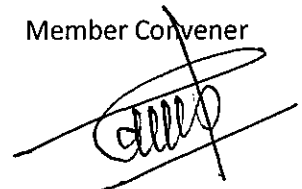
- d. Additional approved makes for batteries were incorporated as Exide and Panasonic.
- e. The approved makes for CDU are listed as per Annexure-F.
- f. For testing purposes it is clarified that all the major equipments would be factory tested, individually tested upon installation and Integrated test would be carried out as per the RFP details. For DG testing 24 hrs testing should be considered.
- g. All the changes accepted and incorporated in the Prebid are as per **Annexures A,B,C,D,E & F and this minutes of the meeting..**
- h. The vendors are requested to consider the **revised drawings and BOQ** which has been incorporated with all the minor and major changes as per prebid discussions. The vendors are requested to quote accordingly.

Commercial

- a. **Warranty:** It is clarified to all the vendors that the total life of the Project is for a **period of Six years**. The vendors have to quote for 3 years Warranty for the complete solution and subsequent 3 years Comprehensive AMC including spares, consumables etc. to achieve the required uptime of the solution. The Fuel (Diesel) is excluded from the above consumables.
- b. The optional quote for the CDU's is changed to essential/compulsory quote and will be part of L1 evaluations.
- c. **Operational cost:** All the vendors were asked to quote year wise operational costs towards the manpower for a period of 6 years from the date of Acceptance which will be part of TCO and L1 evaluations. The period of operational cost between commissioning till acceptance should be included in to the installation charges.
- d. The revised format of Price bid schedule is as per **Annexure-H**. Vendors are requested to use the same format for quoting Datacenter-A and Datacenter-B (excluding line items which are not there in the BOQ).
- e. The vendors can submit consolidated EMD for both datacenters or separately.
- f. The period for completion will be from the date of Issue of LOI.


Chairman

Member Convener



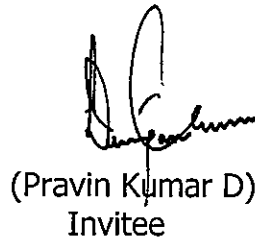
During the pre-bid meeting most of the vendors wanted to have an extended time frame for preparing their bid. The committee discussed the complexity of the project and decided to extend the bid submission date to 05 July, 2013 (12 noon) so that all the bidders could frame their bid in a comprehensive and responsive manner.

The meeting ended with thanks to the chair

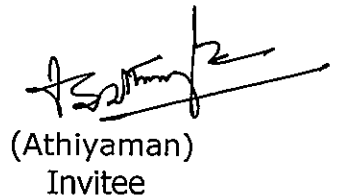


(A. Suryachandra Rao)
Chairman

(A.K Sahai)
Member



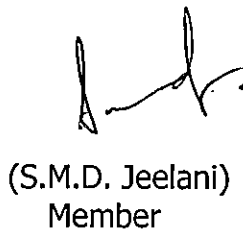
(Pravin Kumar D)
Invitee



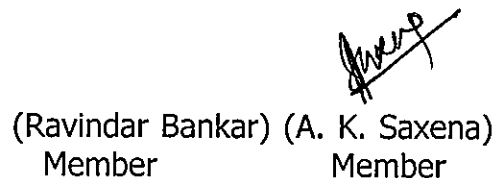
(Athiyaman)
Invitee



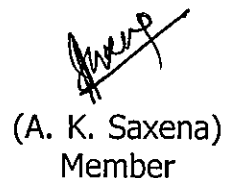
(P. Mukhopadhyay)
Member



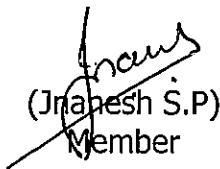
(S.M.D. Jeelani)
Member



(Ravindar Bankar)
Member



(A. K. Saxena)
Member



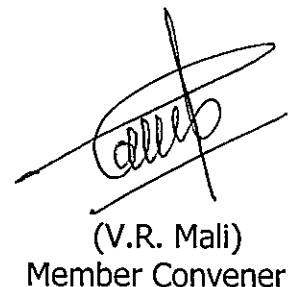
(Mahesh S.P)
Member



(Mahesh Dharua)
Member



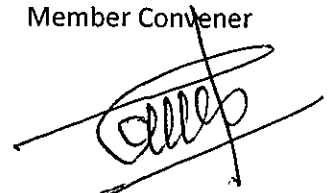
(Hendre S.M)
Member



(V.R. Mali)
Member Convener

Chairman

Member Convener



Response to the queries raised by M/s. Wipro Infotech						
Sr.no.	Section No.	Page No.	Clause No.	Reference/Subject	Clarification Sought	ITM REPLY
1	PART 1 – Invitation to Bid (ITB)	3	1.6.3 Pre-bid Meeting	14.06.2013 at 1100 HRS at IITM, Pune	It is recommend to have official site visit along with IITM team before prebid meeting to get more clarity over the scope and study site challenges if any. Request you to postpone the prebid meeting schedule.	Can be done within any working hours.
2	PART 1 – Invitation to Bid (ITB)	3	1.6.7 Period of Completion	120 Days from date of placing the L.O.1 with 7 days as mobilization period.	Looking at the Project Scope, time frame proposed for the execution of the project is very less and request you to revise it to 180 Days for each sites and the period should be start from the Acceptance of PO and not LOI. Request you to dilute this clause.	Request rejected.
3	PART 1 – Invitation to Bid (ITB)	3	k. RFP documents contained the scope of work for two different locations;	(b) Details of the work scope, design & drawing related to DATA CENTRE – B will also be discussed / provided to bidders in pre-bid meeting. Bidders are requested to search / follow website of this Institute & Newspapers notice regularly for corrigendum issued/ amendment made on DATA CENTRE–B technical details, if any.	It is difficult to raise a query related to Data Centre–B, in prebid meeting as there is no drawings, details provided. Request you to provide the details before prebid and postpone the schedule.	Shall be uploaded separately.
4	PART 3 – INSTRUCTIONS FOR BIDDERS (IFB)	6	3.2 The Proposal and Broad Scope of Work	The proposed Data Centre will be of Tier 3 / Tier 4 standard as per the requirements of the HPC System.	Please confirm the expected Tier level 3 Or 4 ?	Tier 3
5	PART 3 – INSTRUCTIONS FOR BIDDERS (IFB)	7	3.2.5 Warranty & Annual Maintenance	The offer include a minimum comprehensive on-site free warranty of 36 months from the date of installation and acceptance of the data center by IITM including all parts, updates and labour.	Generally DG set comes with Non comprehensive warranty and consumable items like fuel filter and engine oil are paid at actual basis. Request you to consider the same. Warranty/ AMC shall not be applicable on civil and electrical component.	3 year product warranty + 3 years AMC including required spares should be considered.
6	PART 3 – INSTRUCTIONS FOR BIDDERS (IFB)	8	3.2.6 Data Center Upgrade	The vendor needs to provide services towards upgrade of data center facilities if required.	Scope is not clear for the upgradation. Request you to confirm the same.	The successful bidder may be asked for upgradation of the DC setup after project completion and the bidder should show his willingness to do the same. IITM will treat this as a separate scope of work.

Sl. No.	Section No.	Page No.	Clause No.	Reference/Subject	Clarification Sought	IITM Reply
7	PART 3 - INSTRUCTIONS FOR BIDDERS (IFB)	8	3.3 Information to the bidders	3.3.3 Further, the bidders should be able to provide the necessary interfaces with the existing Service Provider/s of the Institute.	Kindly elaborate the detailed scope of work of the requirement and please let us know which are your existing vendors/ service provider.	List will be provided to successful bidder.
9	PART 4.- TERMS AND CONDITIONS OF CONTRACT (TCC)	26	4.10 Packing of Products	4.10.2 Packing Instructions: The Supplier will be required to make separate packages for each Consignment. Each package will be marked on three sides with proper / indelible ink with the following: (i) Project; (ii) Contract No.; (iii) Country of Origin of products; (iv) Supplier's Name; (v) Packing List reference number.	Each OEM has standard packing procedure at factory & not in hand to changed it as per specific requirement. Request you to consider the same and dilute this clause accordingly.	As per tender specification
10	PART 4.- TERMS AND CONDITIONS OF CONTRACT (TCC)	28	4.15 Warranty	4.15.2 The minimum warranty period shall be 36 months from the date of commissioning & acceptance of the work in totality.	In general product warranty start from the date of delivery and installation and one month post delivery wherever is earlier. Request you to consider the same and dilute this clause accordingly.	As per tender specifications only.
11	PART 4.- TERMS AND CONDITIONS OF CONTRACT (TCC)	30	4.17 Training	4.17.1 Vendor has to provide training to IITM Technical Staff as an when requested by the Institute.	Request you to confirm the expected no. of training during warranty/ AMC period.	Minimum 2 such Trainings in a year.
12	PART 4.- TERMS AND CONDITIONS OF CONTRACT (TCC)	30	4.18. PAYMENT TO THE CONTRACTOR'S:-	(2) Other Items (a) 90% payment shall be released after completion of satisfactory installation, commissioning, demonstration of the Data Center	Request you to consider payment for others items to be paid similar to major line items mentioned in clause 4.18. (a) i.e. 60% delivery and 30% after satisfactory installations.	No change, as per tender.
13	REJECTION CRITERIA	39	1.2.1	1.2 Bidder has to quote separately for a comprehensive AMC for the Data Center and also for operational Support 24 X 7 X 365 days for 4th, 5th and 6th year.	Page no 47 Clause (v) Onsite support for Data Centre Infrastructure Operations on 24*7*365 basis by qualified engineers/ personnel for a period of five years to ensure at least 99.982% uptime on a monthly basis. " ask to provide 5years onsite support where as the clause said in 1.2 mentioned about separate cost for operational support for 4th, 5th and 6th Year is contradictory. Request you to confirm the same.	Commissioning to 6 years

Sr.no.	Section No.	Page No.	Clause No.	Reference/Subject	Clarification Sought	ITM REPLY
14	REJECTION CRITERIA	41	4.53. TAC APPROVAL	Installation shall be subject to approval of Tariff Advisory Committee (TAC) of Fire Insurance Association of India. Hence contractor shall use all materials approved by TAC and it would be contractor's sole responsibility to fill in insurance forms, prepare necessary drawings and submit the same to Fire Insurance Authorities and obtain their approval for the electrical installation. Materials under Director IITM PUNE' scope of supply shall be procured from suppliers approved by TAC.	Request you to provide the list of TAC approved vendors for the material supply.	Not applicable
15	SECTION -A PROJECT INFORMATION & SCOPE	51	DETAILED SCOPE OF WORK:	DG sets DG min rating 6*625KVA in N+1 with necessary AMF/ Synchronization and control panels is required. The synchronization and load management will be based by PLC or microprocessor based controllers. 80% loading in each DG sets 6 x 625KVA DG sets in N+1	Electrical Single line diagram mentioned DG set capacity with 3 No's of 1500KVA whereas other Drawings & this clause mentioned 6 no's of 625KVA DG set. Request you to confirm the DG set rating and request you to provide revised Drawing and std as per changes.	Revised drawing will be uploaded.
16	SECTION -A PROJECT INFORMATION & SCOPE	46	DETAILED SCOPE OF WORK:	Supply & installation of street light / Flood Light poles / high mast with accessories.	1) Details drawings of the street lights are not provided in the layouts request you to share the same. 2) BOQ does not covered with line items for street lights or flood lights. Kindly confirm the scope and also confirm the Quantity. 3) Does poles required to install Street light/ Flood light is part of scope or bidders scope or IITM shall provide? Please confirm	Revised drawing and BOQ will be uploaded.

Sl.No.	Section No.	Page No.	Clause No.	Reference/Subject	Clarification Sought	FINAL REPLY
17	SECTION -A PROJECT SCPOE	45	2.0 Data Centre Work/Sub-Work Packages	VI-Power distribution units (PDU,) for IT Racks Power with K4 transformer	It is recommended K-13 rated isolation transformer at DC Power distribution Unit. Request you to consider the same and amend the clause accordingly.	As per SLD and specification
18	SECTION -A PROJECT SCPOE	48	2.0 Data Centre Work/Sub-Work Packages	□ Batteries: o 12V SMF batteries and backup time calculated at UPS output power factor (>0.9) and full load for IT and non-IT. End cell voltage 1.75V o Dedicated Batteries with each UPS	12V Batteries comes with 1 or 2 Years of warranty and falls under consumable items. Kindly confirm the warranty required.	This warranty is for performance parameters and shall be for 10 Years.
19	SECTION -A PROJECT SCPOE	48	2.0 Data Centre Work/Sub-Work Packages	VII BUS-Bar Trucking complete with flexible, flanges, connectors, mounting support, canopy, accessories etc (i) Main HT Transformer to Main LT Panels (ii) DG Sets to Main DG panels, change over Panels, APFC, Transformer tap changing panels	Referring to pg 50 Bus Bar Trucking only for "Main DG Set Panel to ATS Panel : Outdoor/Indoor LT Busduct". Where as Clause VII mentioned for HT to LT Panel, DG to Main DG panel, APFC etc. Request you to confirm where Bus Bar Trucking is expected.	Refer drawing and SLD for further clarification
20	SECTION -A PROJECT SCPOE	52	2.0 Data Centre Work/Sub-Work Packages	(xv) Fuel & oil fill for testing, trial run till ISAT .All cost of fuel, Oil and operation shall be borne by the the bidder.	Kindly confirm the no of hours of DG set Test to be perform during Integrated System Acceptance Test.	Individual as well as ISAT are mandatory. DG Set will be tested for 24 Hrs by arranging load bank at site by successful bidder. UPS should be tested at site with load banks.
22	BOQ	162	BILL OF QUANTITY - DG Set	SECTION-II ITEM MAY BE EXECUTED Design Supply, Installation, Commissioning of Exhaust System as per below mentioned	As per the BOQ it is mentioned that scope Exhaust System MAY BE EXECUTED,however what is the alternative for the exhaust system . Please confirm	Scope is removed.
23	BOQ	162	BILL OF QUANTITY - DG Set	Supply, Installation and Commissioning of Single self supported standalone chimney as common exhaust outlet for 3Nos. Of DG Sets with all related & required accessories, support structure, LA, Aviation lamp etc.	As per the BOQ, 6 NO's of 625 DG set mentioned whereas Exhaust for only three systems only expecting. Kindly confirm.	All 6 Nos. of DG system requires exhaust. Bidders to offer accordingly.

Sr.No.	Section No.	Page No.	Clause No.	Reference/Subject	Clarification Sought	O/M/REPLY
24	WATER DISTRIBUTION SYSTEM	203	MATERIAL SPECIFICATION	<p>The material specification for piping, valves & specialities shall be as explained in later sections. Colour code shall be used to identify pipe material. The CONTRACTOR shall be able to identify on request all random piping prior to any field fabrication. The CONTRACTOR shall furnish six (6) copies of certificates for piping for – a) Dimensions and b) Hydrostatic test</p>	<p>It is difficult to get the test certificates for dimensions and Hydrostatic test. Request you delete this clause. Std test certificate shall be provided.</p>	<p>As per tender specification only.</p>

Serno.	Section No.	Page No.	Clause No.	Reference/Subject	Clarification Sought	ITTM REPLY
25	AIR DISTRIBUTION SYSTEM	225	6.0 BALANCING	VELOCITY RECTANGULAR DUCT CONSTRUCTION	Table is incomplete. Request you to provide the revised table.	Will be uploaded seperately as annexure.
26	1.1.1 BOQ	254	3 CHILLED WATER SYSTEM	SITC of cooling distribution unit (CDU) to provide cooling water close control and above the dew point. Shall be capable of 150 KW cooling capacity. The CDU shall be approved to work with IBM iDataPlex / RDHX racks. It shall have full run and stand by capabilities with redundant pumps. It shall have internal manifold with leak free quick release couplings. It shall have a auto fill and bleed off connection. FULL alarm monitoring and connectivity to MODBUS. Complete in all respect. (This is an optional item)	Kindly confirm that supply of "IBM iDataPlex / RDHX" rack done by ITTM or it would be bidders scope. If the monitoring expected in this clause is optional then how bidder shall incorporate the cost for optional item in commercial bid. Please confirm.	"IBM iDataPlex / RDHX" rack will be supplied by ITTM. Monitoring will be done by successful bidder
27	1.1.1 BOQ	259	HVAC Works for Battery Room	The refrigerat shall be R407 C, R 410 A only.	Refrigerant shall be either R407C or R410A can be used. Please confirm	OK. Accepted
28	General			Structural Strengthening	kindly let us know the current and expected floor load bearing capacity of the data Centre floor for both site A and site B. also kindly confirm the under whose scope the floor strength work is	Floor strengthening work is not in the scope of this tender.
29	General		Consumable Items	Consumable Items	In general consumable items like bulb, tube, oil filter, fire suppression Gas, UPS batteries, Cables and breakers are not covered under warranty and billed at actuals during operation and maintenance phase. Request you to consider the same.	As per tender only.
30	General			Fire safe media Vault	Fire safe media Vault not mentioned in the RFP. Does DIAT will provide the same or bidder to arrange. If Bidder to provide, kindly confirm the size of media storage vault.	Not applicable
31	LAN Cabling			Preferred Make for LAN Data Cabling		
32	LAN Cabling			Technical Specification of LAN Data Cabling		Needs to be defined by vendor as per BMS requirement.
33	LAN Cabling			How Many Copper & Fiber Drops required of each server rack.		
34	LAN Cabling			How Many Fiber Drops required from server rack to storage rack		

Response to the queries raised by M/s. HP			Annexure -B
Clause No & Page No.	Clause description	Clarification required	IITM Reply
4.6 Page 24	Performance Bank Guarantee	PBG to be furnished within 7 days from signing of the contract, as Internal systems will not allow to issue PBG prior to order being awarded to the bidder	As per tender clause only
4.6 Page 24	Performance Bank Guarantee	PBG to be invoked only on bidder's material breach of contract post providing a cure period to correct the problem	As per tender clause only
4.9 Page 25	Acceptance Procedure	On successful completion of installation, commissioning, acceptability test, and receipt of deliverables, the acceptance certificate will be issued. 6 months period request for waiver	No. As per tender clause only
4.14 Page 28		Incidental services – What is the period for these services?	Refer Clause 4.14 for more clarification
4.15 Page 28		Warranty – All OEM warranty to begin from solution acceptance.	As per tender clause only
4.15.7 Page 29		Any additional system that institute buys, need to be approved by bidder (request that just intimation may not be sufficient, as testing may need to be done to ascertain compatibility) for warranty to remain valid. Otherwise OEM warranty of the existing system will become void	The clause description is very clear. This shall be as per tender clause only.
4.17 Page 30	Training	Bidder requests that training schedule and requirements to be defined upfront, which shall be undertaken by the bidder. Request to remove the term 'as and when requested by institute'	Minimum 2 Training in a year.
4.18 Page 30		Product 70% on product delivery 20% on installation & commissioning of DC	
		10% to be paid against an equivalent bank guarantee valid for a period of 1 year	
	Payment Terms	Others (DC Build Services) 30% on delivery of products 70% on installation and commissioning 10% against an equivalent Bank guarantee valid for a period of 1 year	As per tender clause only
		Maintenance services Quarterly in arrears	
4.19 Page 30	Taxes	Bidder submits that prices will be inclusive of all taxes except Octroi or Entry tax or LBT. This to be paid by institute on actual. Bidder will submit the relevant documents for the same.	As per tender clause.
4.19 Page 30	Taxes	Any benefit/burden arising from increase/decrease in taxes or introduction of new tax, to be passed on to the institute	As per rule governed by law of land.

4.24	Penalty / Liquidated Damages	Bidder request clarification that the maximum penalty applicable under the Penalty/Liquidated damages clause is .10% of the contract value.	As per tender clause only.
Page 32			
4.24	Penalty / Liquidated Damages:		
	If during the course of the Contract it is clear to the Director IITM Pune that the project is delayed by more than 5 weeks due to reasons totally attributable to the Contractor, the Director IITM Pune shall have right to terminate the Contract or get part or whole of the remaining work executed by some other agency at the Contractor's risk and cost, besides applying the penalty for delay caused to the project.	Bidder request removal of the section on risk purchase (right to get work done at the cost and risk of bidder)	As per tender clause only.
Page 32			
4.24.3	SLA Penalty for maintenance phase	Bidder requests that the SLA penalty be calculated basis the AMC cost of Year 1, Year 2 and Year 3; and not the total contract value.	As per tender clause only.
Page 32			
	Additional Clause	Bidder requests that all penalties come under these two clause and no other penalties are applicable.	Request Rejected.
4.25.2			
Page 33	Risk Purchase Clause	Bidder requests deletion of this clause	Request Rejected.
4.44			
Page 40			
4.28	Termination for convenience	Bidder requests deletion of this clause	Request Rejected.
Page 33		It is proposed by the Bidder that since the Institute is entitled to levy LD's for delay, Institute can terminate under this Clause only after exhausting the LDs.	
4.25, 4.27	Termination	Bidder proposes a mutual termination right in the event of a material by giving prior written notice after providing for a 30-day cure period.	For delays attributed by IITM, penalty will not be applicable.
Page 32		On termination of contract, Institute to pay the bidder for all products and services delivered till the point of Termination	
4.37	Site readiness	Bidder requests that in case site is not ready, due to reasons outside the scope of bidder, institute will penalize the bidder by any manners (PBG invoking, Liquidated Damage, Penalty etc)	For delays attributed by IITM, penalty will not be applicable.
Page 36			
Clause 7	The BIDDER undertakes that it has not supplied/is not supplying similar product/systems or	Bidder requests deletion of this clause.	Request Rejected.
Page 554	Turnkey bidder should hve built turnkey data center including IT	Only companies who have supplied IT products & services should be considered in the data centers	As per tender clause only.
3.4.b,			
Page 9	Site Visit	Kindly inform the date when we can conduct the site visit	Can be done during working hours before bid submission.
3.4.f			

4.3, Page 39, 1.7	Additional Items beyond the BOQ items	Need clarity, HP would quote strictly in accordance to the BOQ.	To be offered as per BOQ.
4.53	TAC	Need clarity, do we need to buy from TAC	Not applicable
Page 557	DC - B	Detailed line item wise BOQ not available, does the vendor need to design and quote for the same	Shall be uploaded seperately.
General	Price Bid Format	Is there any price bid format based on which we can quote	Shall be provided.
Clause 4.5, 4.36, 4.42, 4.47		The RFP requires for indemnification in several places.	
Pages 25, 36, 38 and 41.		The Bidder proposes that the indemnity obligation should only apply in relation to third party claims for:	
		<ul style="list-style-type: none"> • Bodily Injury (including Death); • IPR Infringement; and • Compliance with Applicable Laws 	As per tender clause only.
	Indemnity	The Bidder submits that in all cases of indemnification, the Bank should give prompt written notice, cooperate with the Bidder, and grant control of defense or settlement of the claim to the Bidder.	
		Any claim to indemnify for bodily injury should only be made if the claim is due to gross negligence of the indemnifying party.	
		The Bidder should not be held liable for IP infringement claims arising from unauthorized use of the products or services by the Bank.	
Clauses 4.29 and 4.43		Bidder proposes the following consolidated clause for Dispute Resolution:	
		In the event of any dispute or differences arising under these conditions or any special conditions of the contract in connection with this contract, or the construction, meaning, scope or operation or effect thereof, or the rights, duties or liabilities or the validity of the breach thereof, and cannot be resolved amicably, such dispute shall be referred to a sole arbitrator appointed by mutual consent of the both the parties and in the event of disagreement between the 2 parties, the appointment of the Arbitrator shall be made in accordance with the Arbitration & Conciliation Act, 1996. The decision of the arbitrator on the dispute shall be final and binding on both parties.	As per tender clause only.
Pages 35 and 39	Dispute Resolution / Arbitration		

	Additional Clause to be Added	<p>Limitation of Liability:</p> <p>The Bidder's aggregate liability in connection with obligations undertaken as a part of this project, regardless of the form or nature of the action giving rise to such liability (whether in contract, tort or otherwise), shall be at actual and limited to the value of the contract.</p> <p>In no event shall either party be liable for any indirect, incidental or consequential damages or liability, under or in connection with or arising out of this agreement or the hardware or the software delivered hereunder, howsoever such liability may arise, provided that the claims against customers, users and service providers of the Company would be considered as a direct claim.</p> <p>IP Ownership:</p> <p>Bidder shall retain ownership of:</p> <p>a. all pre-existing Bidder Intellectual Property Rights ("IPR") and;</p> <p>b. all IPR in Materials and Reports etc. developed during the course of the agreement and remain therefore able to re-use any copyrightable or patentable elements of the Materials and Report in future engagements.</p>	As per tender clause only.
Pg 292	Clause 2.4 A asks for Speakers but there is no such item in the Tender BOQ for Fire Alarm System	Please clarify do we need to consider the same? If Yes what quantity?	BoQ to be referred.
Pg 293	Clause 1.5.1- Point 8 mentions the requirement of all kind of bases i.e. Sounder Base, Form- C Relay Base & Isolator Base.	Please clarify what base we need to consider for all the Multi Sensor Detectors.	Bidder has to descide as per specifications.
Pg 307	Video Analytic Software	There is no such item in the CCTV BOQ. Please clarify if we need to consider?	Video analytic software to be considered as per revised BOQ.
Pg 312, Clause 3.5	Access Controllers mentions In Point 1.19 "Shared Load Operation for Redundant Configuration".	To achieve this Feature we will need Extra Controllers which are not considered in BOQ. Please confirm.	As per BoQ only
Pg 379	IO SUMMARY		
	" Outside Air Relative Humidity" but the sensor is not considered in the Tender BOQ	Please clarify	As per revised BOQ
	"Differential Pressure Sensors" for Pumps but the sensor is not considered in the Tender BOQ.	Please clarify.	As per revised BOQ
	For Comfort AC for Electrical /UPS & BMS Room mentions Ductable Unit On /off -1 0 nos. but Trip Status is -28 Nos	Please confirm the exact quantity of Ductable Units to be considered for On / off and Trip Status.	Needs to be considered for all.
	IO Summary for Miscellaneous mentions: RH & Temperature Sensor – 10 Nos. but in BOQ it is considered Room Type Temp + RH Transmitter - 6 Nos.	Please confirm the Quantity wether it is 6 Nos or 10 Nos. Also please confirm wether it is a sensor we need to consider or a Transmitter as there is price implication if Transmitter needs to be considered.	Refer revised I/O summary and Revised BOQ.

Pg 574	Drawing for Data Center --A Only	We need Soft Copy drawings showing the exact location of Equipment i.e. Chillers etc. to estimate the Low Side Cabling for BMS. Also we need clarity as to which IO Points need to be considered for Sub-Station Room DDC and which Points for BMS Room Ground Floor DDC	Only for successful Bidder.
Clause 8 Page 461	Losses	Request deletion of this clause.	Request Rejected.

Response to the queries raised by M/s. IBM

S.No	REP/Section	Reference	Question	ITM/Response
1			There are mismatch in BOQ and specification. Kindly let us know whether BOQ supercedes specifications?	BOQ as per Specifications
2			ITM to kindly share the all Auto cad drawings given in the tender	Only for successful Bidder.
3	Page no 41, 4.5.3		TAC approval: Is it required for all materials? In DC all matreial and equipment are based on standard specifications and proven technology for ele, mechanical, civil. Fire and safety equipment are all UL listed products and also looking at 100 days completion timelines	Not applicable.
4	Page no 41, 4.5.4		Sample approval from MSETCL/MSMEDCL: In DC all matreial and equipment are based on standard specifications and proven technology for ele, mechanical, civil. Fire and safety equipment are all UL listed products and also looking at 100 days completion timelines	As per Tender only.
5	Page 54/572 and 61/572: Load testing and ISAT		Is it mandatory to have separate load testing for UPS, DG sets or it can be clubbed with ISAT testing for 24 hours?	Individual as well as ISAT are mandatory. ALL DG Set will be tested for 24 Hrs by arranging load bank at site by successful bidder. ALL UPS should be tested at site with load banks as per declared parameters.
6			Kindly confirm the meaning of fixed price contract:	There is no such Terminology.
7	Section 12 (page 68) and		Does it mean that Price of the contract will be fixed at all cost even though there will be quantity variation or new line item required during project execution?	As per tender specification
8			Does it mean that unit price will remain the same irrespective of the quantity variation since RFP states that payment will be made on actual quantity.	Yes.
9	Page no 55		Whether Trenches and excavation for laying Chilled water pipelines and HT and LT cables are in scope of the bidder. Unit rates for excavation and trenches have been only asked in BOQ?	NO. Not in scope and shall be done by other agency.
10	General		WPC Type approval : Kindly confirm whether the bidders have to take WPC type approval for proximity card readers as mandated by Govt of India Gazette REGD. NO. D. L.-33004/99 dated Nov 2010 and Feb 2009 before delivery of proximity card readers.	Yes
11	BOQ LT Section	Electrical BOQ	Please provide SLD in PDF /Auto format	Only for successful Bidder.
12	BOQ Sect	DG BOQ	Please provide SLD in PDF /Auto format	Only for successful Bidder.

13	DG BOQ & pageno 571	50kl tank requirement in BOQ & 2 * 25kl given in RFP	Please clarify on Tank requirement	25 KL x 02 Nos shall be considered.
14	SLD	SLD For synchronizing panel given 3 x 1500KVA DG Set	As per BOQ DG is for 625KVA x 6 nos, plz clarify	As per BOQ
15	Tech Specs Page no 481 & 482	Maximum air temperature for Engine should be 50 deg.C.	For 50 Degree cent. Derating shall be applicable and D G Set is designed for 80 % Loading for continuous operations .	The DG sets specifications and BOQ calls for Prime rated DG set and as per ISO 8528 Part I & II.
16	RFP page 487	2 nos. Terminal Box one for Phase and one for neutral	generally terminal box is one and proper space or separation sheet can be provided. please confirm	One terminal box with 4 lead output connection shall be considered.
17	RFP page 506 heading Engr	Guaranteed fuel Rate have been asked as KW/KWH at 100%, 75 %, 50 %	Can you clarify is it for Fuel Consumption at 50 % , 75 % ,100% load Ltrs./hr. ?	To be read as litres / hr
18	Section 3.2.5 page no 7 , section A point no 7 page no 63	Warranty of 36 months & Defect Liability period 12 months, AMC for 3 yrs after Completion of warranty. Operational support for 4th 5th 6th Yr.	Please confirm period for warranty , AMC and Operational support required	Warranty of 36 months & Defect Liability period 12 months, AMC for 3 yrs after Completion of warranty. Operational support for commissioning to 6 Yr.
19	Section 6.2, Page no55	Data center 3 D and DC 5 min walk through	Our understanding is 3D and walk through will be given during Design & post win , not during Bid Submission , Please confirm	Shall be done by successful bidder only.
20	Section 6.3 Page no 56	Implementation & Acceptance - Water for construction, power for construction till ISAT shall be sole responsibility	Please confirm the water & Power for construction shall be given by ITTM free of cost till ISAT.	Water will be arranged by ITTM. Power for construction will be provided on chargeable basis approximate and indicative @ Rs. 9.50/unit. Energy Meter should be arranged by the bidder. If ITTM is not in position of providing Water & Power, the successful bidder has to make his own arrangement for the water and electricity for any purpose at his
21	Section 6.3 Page no 58	DCTP shall build its project office using temp material & storage space on site on its own cost	Request ITTM to provide Space for material storage and Project office at site	Open space will be provided by ITTM for site office and storage. Security and Lock & Key arrangement to be arranged by the successful bidder. NO hutment at site.
22	UPS Page no 127	An isolation Transformer to be provided at Input side	Please confirm as Isolation Transformer is at UPS side or PDU Side ?	Isolation transformer is not required.
23	UPS page No 131	Static transfer and maintenance bypass for individual UPS	Please confirm whether Bypass is required for UPS	Bypass is not required.
24	UPS Page no 132	30 mins backup but in BOQ it is 15 mins	Please confirm the correct one.	UPS to give 15 min minimum backup.
25	UPS Page No 132	A minimum of 10 years warranty for performance of declared parameters within permissible limits shall be provided	Plz confirm the warranty period , Stad is of 1 Yr	This warranty is for performance parameters and shall be for 10 Years.

26	UPS page no 134	Inverter panel - Enclosure shall be IP 51	As its indoor application Enclosure shall be IP 20, Plz confirm	ok. IP 20 shall be offered.
27	Page no 167	Water side shall be designed for 300 psig working pressure	Maximum Working Pressure Of Hydraulic Circuit shall be 145 PSIG	This parameter is related to Chiller's evaporator. Shall be considered for 300 PSIG only.
28	Page no 170	Chiller control Panel shall provide Entering and leaving condenser air temperature, Oil pressure at compressor and oil filter differential, Oil temperature	is it madatory to have these features in Chiller control panel and all OEM's are not complying	ok. This is preferred not mandatory.
29	Page no 172	An RS-232 port to output all system	Chiller shall be provided with RS-485 serial card considering Modbus RTU protocol	This needs to be integrated on BMS and BMS is also in contractors scope. Bidder to decide the protocol .
30	Page no 177	Air Cooled Condensers - Type of fan motor IP 55	IP 54 are suitable for outdoor application please confirm	As per specification only.
31	page 501	Noise Test and Vibration Test - Noise and Vibration Test shall be carried out and overall level shall meet guaranteed values.	This test may not be possible as free field condition and no ambient noise condition may not be achieved during testing..	As per tender specifications.
32	IBMS BOQ, Fire Suppression BOQ	Fire suppression BOQ for Electrical , Battery and UPS room are optional	Is it optional and will not be added in total cost ?	To be considered for only Server Room
33	BOQ - LT Electrical	Power Distribution Board 1A, 2 A, 3A,4A,1B to 4B	Kindly confirm about 325KVA PDU can be used considering floor loading and space ?	As per specification and SLD
34	BOQ - Civil , Item 7. C	Double leaf Door...4 Hr Fire rated 1800 x2100 with vision panel	Vision panel won't come with 4 Hr as per manufacturer .plz confirm vision panel for 2 hrs	Consider Door and panel assembly as a whole for 2 Hr. Fire rating.
35	BOQ - Civil , Item 8	2 Hr fire rated Sliding door	Fire Rated Sliding door not available	It is available.
36	BOQ - Civil , Item 9	Panic Bars for Single leaf and Double leaf door	Please mention sizes for Single and Double leaf doors	Door sizes are already specified in the BoQ
37	BOQ - Civil , Item 17	Making through Holes.... 52 mm, 82mm etc	Qty & Unit for this line item is not clear ... Dia/mm.. Please clarify	The rate is called for making either 52 mm or 82 mm dia for 1 mm , hence bidders to offer rate for making the specified dia per mm depth.
38	4.9.1		From when the warranty will prevail? After the installion or after the acceptance procedure (after 6 months). In second case, total support time increases by 6 months. We would need the FM operations for 6.5 years then. Please clarify	As per tender specifications.
39	4.15		Consumables like light fittings, Batteries, Diesel, Oil, Lube oil, Refrigerant gas, Filters etc would be covered under whose scope during warranty & AMC?	It is already clarified in the document. Please refer the document. For DG Set HSD for Testing & Commissioning will be provided by the successful bidder.

40	Section G Approved List of Material UPS		Can Delta be approved for PDU?	As per recommended makes only.
41	Approved Make for Chiller and PAC		Can GEA be approved?	Request rejected.
42	Approved make of Battery		Panasonic to be added	Apart from the makes mentioned in the Tender Recommended makes List the following makes can be considered for SMF Batteries, viz., EXIDE / PANASONIC
43	Page No. 557	Data Centre - B	Please provide BOQ for the same	Shall be uploaded separately.
44	Page No. 593	HVAC Schematic	HVAC Schematic and BOQ shows only one header and one return path which is not as per Tier 3 guidelines. Kindly confirm on the same	Dual Piping should be considered as per Tier 3 guidelines. Revised BOQ and drawings will be provided.
45	Page No. 6	3.2.1 - The proposed data centre will be Tier 3 or Tier 4 standard.	The proposed electromechanical BOQ and Schematic do not meet the Tier 3 or Tier 4 standards as per TIA 942 or uptime. Please confirm if this is already in your notice.	The proposed electrical BOQ is as per Tier 3 standard, and HVAC schematic is also updated as mentioned above in point 46.
46	4.1.8		This should also include the NCR location as two DC's are to be setup.	Shall be uploaded separately.
47	4.1		In case there is a difference of interpretation between the Parties, the same shall be mutually resolved.	As per tender.
48	4.2		We seek further clarification on this clause, would request inclusion of both import as well as export regulations.	The import and exports laws would be applicable
49	4.3		We request inclusion of the following clause: "Vendor will provide third party product warranties on a pass-through basis to Customer in accordance with the relevant third party terms and conditions. Further, there are no implied conditions or warranties, including warranties for merchantability and fitness for a particular purpose."	As per tender specification only.
50	4.5		We would request the modification of the clause as follows: "Each party grants only the licenses and rights specified in this Agreement. No other licenses or rights (including licenses or rights under patents) are granted either directly, by implication, or otherwise. Each party shall retain ownership of its respective pre-existing intellectual property rights. If a third party claims that an unaltered Bidder manufactured product provided to Customer infringes that party's patent or copyright, Bidder will defend Customer against that claim at Bidder's expense and pay all costs, damages and attorney's fees that a court finally awards. Customer shall provide Bidder with prompt notice of such claim and allow Bidder to control the defense of such claim."	As per tender specification only.

51	4.7	We would request removal of factory inspection requirements, as they same may not be applicable to the current scope of work.	As per tender specification only.
52	4.8	We would request removal of disclosing the procurement agreements with OEM software vendors as the same may be protected by obligations of confidentiality.	Agreed
53	4.9	We would request insurance coverage to be of General Commercial Insurance rather than an all risks insurance upto the value of the products supplied.	As per tender specification only.
54	4.12	We would request the removal of the requirement of a per person coverage.	As per tender specification only.
55	4.15	We request inclusion of the following clause: "Vendor will provide third party product warranties on a pass-through basis to Customer in accordance with the relevant third party terms and conditions. Further, there are no implied conditions or warranties, including warranties for merchantability and fitness for a particular purpose."	As per tender specification only.
56	4.16	We request inclusion of the definition of Uptime and Downtime for the purposes of this Agreement.	Refer pg 78 of the tender specification.
57	4.2	We would want to make this clause mutual	As per tender specification only.
58	4.21	We would want to make this clause mutual	As per tender specification only.
59	4.24	We would like to add the following clause to the contract: "Notwithstanding anything stated to the contrary, the aggregate of all penalties and liquidated damages under this Contract shall not exceed 10% of the Total Contract Price. Any penalty shall be levied only for reasons solely attributable to the Vendor. Penalty shall constitute the company's sole and exclusive remedy against the Vendor for such defect/delay."	As per tender specification only.
60	4.25	We request modification of this clause as follows: "Either party may terminate the contract, with thirty days prior written notice, if the other party has committed a material breach of the contract and if such breach has not been cured during the notice period(30 days). Customer shall pay Bidder for all products and services provided up to the effective date of termination."	As per tender specification only.
61	4.28	We request deletion of this clause	Not acceptable. Shall be as per tender specification only.
62	4.31	We would request the following language to be added here: "Notwithstanding anything stated herein this clause shall be only applicable to the extent of the Vendor being a company incorporated in India and as a provider of Information technology products and Services."	As per tender specification only.

63	4.33		<p>"Notwithstanding anything contained in any clause of this agreement or any other document forming part of this agreement, Supplier wishes to make the following key assumptions:</p> <ul style="list-style-type: none"> Supplier may use various equipments like server, networking equipments, storage devices, other products (collective referred as "hardware") and various types of software described in this agreement in providing Services to << customer name >> under this contract. The parties hereby agree that the possession (deemed or otherwise) and effective control with respect to the hardware and software being used by Supplier (insert reference to any clause in the agreement to refer to "Supplier own-use hardware") shall lie with Supplier at all points of time and shall not be transferred to << customer >> at any point in time, even though these may be installed and made use by Supplier at the customer's site. Any reference to the configuration, quantity, version, warranty, maintenance, support (on-call or otherwise), increase in requirement, bill of material with respect to the Hardware or Software is limited only to suggest the manner and quality of service provided by Supplier and does not suggest that the control (deemed or otherwise) or possession shall lie with << customer >>. Further, the software used will be licensed in the name of Supplier and shall not be licensed to << customer >>. Notwithstanding the fact that in some manner << customer >> may be granted a limited access to use the Hardware and Software, the same shall not signify that << customer >> is granted the possession and control of the Hardware and Software, as the same is given only for << customer >> to enjoy the benefit of Services provided by Supplier. Please note that this clause shall supersede any clause suggesting the contrary in the agreement." 	As per tender specification
64	4.36		Same as comments in 4.5	Same as reply in 4.5
65	4.41		Same as comments in 4.31	Same as reply in 4.5
66	4.42		<p>We would like to modify this clause as follows:" Notwithstanding anything stated to the contrary in the RFP and regardless of the nature of claim, Bidder's aggregate liability for direct damages under this Contract shall not exceed the charges paid by Customer to Bidder for the individual product or service that is the subject of claim (if recurring, twelve months charges apply). This limit shall not apply to damages for bodily injury (including death) and damage to real property and tangible personal property for which Bidder is legally liable. The Bidder shall in no event be liable for indirect, consequential, incidental or special damages, loss of/damage to, data and third party claims, even if Bidder has been advised of possibility of such damages. "</p>	As per tender specification only.

67	4.44		We seek deletion of this clause.	As per tender specification only.
68	4.47		Same as comments in 4.31	Same as reply in 4.5
69	4.53		We seek deletion of this clause.	OK
70	4.54		We seek deletion of this clause.	The contractor shall maintain a display of the approved sample in his site office. The item can be used at the end of the project.
71	4.55		We seek a proper enquiry from our end before any kind of removal of the employee from the work site.	Accepted.

Response to the queries raised by M/s. ITI Ltd.

Sr. No.	Bidding Document Reference (section no./page)	Content of RFP requiring clarification	Point of Clarification required	ITM reply
1	Part I clause b Page no. 2 of the RFP document	the bidder must be in existence at least for preceding five years, must have an average turnover of more than Rs. 10 Crores per annum as an individual company and must be a profit making company in the last 3 years	PSUs may be exempted from profitability requirement.	Can be exempted against submission of documentary evidence
2	Part II clause 3 Page 75 of the RFQ document	The bidder shall be the single point of contact and shall be solely responsible for all warranties and upgrades etc. Consortiums will not be allowed. Only SI's are allowed to bid.	To make the bidding more competitive, consortium may be allowed	As per RPF only.
3	Part II clause 4 Page 75 of the RFQ document	During the last three financial years as on date of release of tender document the Tenderer should have installed and commissioned at least One Data centre projects similar to this in India which should include activities like Design, Site Preparation, Supply, Installation, Testing, Commissioning, Operations and Maintenance of Basic Infrastructure for the establishment of a Data Centre of a Tier III Level.	Bidders in-house data center which is used for commercial use may be considered to meet the eligibility requirement.	No
4	Part II clause 6 Page 76 of the RFQ document	The bidder must have on its roll at least 100 technically qualified professionals in systems integration, product installation/commissioning & related services out of which 10 should have certification as Data center professional(CDCP) , 3 CDCS & 4 PMP's involved in active projects of similar nature	The manpower requirement may be allowed to be met as consortium.	No
5	Page No. 87-89	TECHNICAL SCORING CRITERIA	For meeting the requirements as per the evaluation criteria, the capabilities & resources of the consortium may be considered.	No

Response to the queries raised by M/s. Sterling & Wilson Ltd., Pune		Annexure-E
Sr.No.	Clarification Sought	IITM REPLY
1	<p>DG Sets: SLD shows 3 nos. of 1500KVA DG sets whereas the specifications and BoQ mentions 6 nos. of 625KVA DG sets. Kindly clarify</p>	It is 6* 625 KVA DG Sets
2	<p>Payment terms: We suggest the following payment terms: 10% advance against bank guarantee 80% against delivery of material at site 10% against testing, commissioning and handover of data center. Commissioning if delayed due to unavailability of power or any other reason pertaining to IITM, the payment should be released within 2 months after installation.</p>	As per RFP only
3	<p>Completion Period: As the details for Noida site are not available and also looking into the scope of both the data centers, we request you to kindly extend the project completion time to 6 months.</p>	As per RFP only.

Indian Institute of Topical Meteorology, Pune		ANNEXURE-F
Pre-bid meeting minutes of the HPC Data Centers		
Sr. No.	Point of Clarification required	IITM reply
TECHNICAL CLARIFICATIONS		
1	UPS Output Power factor	Power factor is governed by load but can be considered as .9 lag.
2	For UPS & other panels cable entry.	Preferably Bottom cable entry, but will be finalised during drawing approval.
3	Switchgear Model No. for L&T and ABB to be provided	In SLD fault levels are given . Bidder to select .
4	Noise Level for UPS	65db is specified, but 75db at 1 Meter to be considered.
5	UPS Testing	All 6 Nos. of UPS to be tested for all specified test along with Heat Run Test.
7	Busduct type	Sandwich type Indoor busduct to be considered.
8	PDU isolation transformer.	K4 rated to be considered.
9	BMS- Fuel management system should be considered.	Details I/O summary is provided , Needs to integrate all fuel flow meters in BMS.
11	Busbar for Panels	For all Panels Cu. Busbar to be considered
12	Release for Switchgear	All MCCB/ACB should be microprocessor based to achieve relay discrimination.
13	Ground Fault release	Should be in built in the release provided.
15	ATS - 3 Pole or 4 Pole	Refer SLD.
16	Neutral for ATS	Overlapping Neutral as per BOQ & Specifications to be considered.
17	Type of Capacitor	APP type capacitors are to be considered.
18	Earth Strip for BUSDUCT	2runs of 50 X 10mm GI strip should be considered outside the busduct.
19	Busduct kA rating	As per SLD.
20	IP protection for Industrial Socket and DB .	Min. IP 42 is to be considered.
21	Catalogue No. for Emergency Light Fittings	This is for exit emergency signage and can be considered Prolite /Auto glo / equivalent
22	Approved LT Panel Vendor's	Siemens - Sivacon, Schneider - Blokset, ABB -MNS and Tested as per IEC 61439
23	HT Panel Vendor's	Schneider, Siemens, ABB, L&T
24	HT Panel Vendor's	System House Panel are acceptable. System house to be certified by Principal (Schneider,Siemens,ABB ,L & T) since last six years.
25	Early Streamer - Additional Makes	INDELEC/SGI/ABB

26	CCOE Approval	Shall be sole responsibility of successful bidder. Period of project completion already defined in the tender.
27	UPS Data Sheet	UPS Data Sheet to be uploaded.
28	Ics, Icu, Icw for Switchgear	As per SLD.
29	NFPA requirement	Gas concentration of 4.7% is to be considered.
30	Camera type	BOX camera as per BOQ is to be considered.
31	Configuration of Chiller	N + N configuration to be considered. Revised drawing and BOQ will be uploaded.
32	DP Sensors not considered in BOQ	Shall be considered, will be added in BOQ as a line item.
34	Operating System (OS) for BMS	Linux, Windows
35	Protocols for BMS	Backnet, Modbus, IP based - Bidder to decide.
36	PAC with DX or Chilled Water?	DX type only.
37	Vendors for CDU	EATON - Williams, KNURR - INC, LEIBERT, APW - Coolcentric.
	GENERAL CLARIFICATIONS	
1	Mobilization at site	LOI will be awarded for Mobilisation at site.
2	Tender Submission	Each page of the tender document needs to stamped and signed by the bidders.
3	Undertaking for acceptance of all terms and conditions	An undertaking may be submitted as per Annexure-G accepting all the terms and conditions as mentioned in the RFP and amended/clarified in Prebid meeting and thereafter unconditionally
4	Price Schedule format	Bidder has to furnish price details in the prescribed format as Annexure -H
5	Supply of Imported Goods	Prices of any imported items (Foreign Currency) may be quoted in the annexure -G only and rest as per BOQ.

PRICE SCHEDULE FOR GOODS (ITEM WISE) BEING OFFERED FROM ABROAD

Name of the Bidder _____ TENDER No. _____

1	2	3	4	5	6*	7*	8*	9	10*	11	12
Sl. No.	Item Description	Country of origin	Unit	Quantity	Unit price	Total price (5x6) FOB	Charges for Insurance & transportation to port/place of destination	Charges for Customs Clearance + Unloading+ Insurance etc.	DDP MoES including customs clearance + Unloading+ Insurance etc.	Approx Custom Duty *	Appx. Shipment weight and volume.

Note: Currency _____

Total Bid price in foreign currency _____
in words

Signature of Bidder _____
Name _____
Business Address _____

Price Schedule Summary **Part I**
(Include in Price Bid Only–Not to be included in Technical Bid)

1	2	3	4	5
Sr. No.	PARTICULARS	AMOUNT (USD)	AMOUNT (RS)	REMARKS IF ANY
1	CIVIL, INTERIOR & FURNITURE WORKS			
2	ELECTRICAL WORKS			
3	D.G SET			
4	STRUCTURED AND INTELLIGENT CABLING			
5	LV SYSTEM			
6	UPS SYSTEM			
7	HVAC System			
8	OTHER SYSTEMS IF ANY			
9	OTHER SYSTEMS IF ANY			
10	OTHER SYSTEMS IF ANY			
11	OTHER SYSTEMS IF ANY			
12	TOTAL BASIC COST OF ALL WORKS (1 TO 11)			
13	LESS: -DISCOUNT OFFERED IF ANY			
14	NET BASIC COST OF ALL WORKS POST DISCOUNT (12-13)			
15	STATUTORY DUTIES & TAXES ETC.			
16	ALL INDIDENTAL CHARGES,			
17	TOTAL COST OF SYSTEM / ALL WORKS (14+15 + 16)			
18	ADD AMC AMOUNT FOR 3 YEARS			
19	TAXES ON AMC COST			
20	TOTAL COST OF AMC (18 + 19)			
21	GRAND TOTAL OF THE PROJECT (17 + 20)[FOR L-1 CRITERIA]			

- (a) If any item is to be imported the transaction can be made directly or on execution of High Sea Sale Agreement to avail the benefits of Customs Duty under notification 51/96 on FOR Destination Basis. The clearing charges upto FOR Destination may be mentioned at Sr. 16.
- (b) Applicable duties & tax structure may please be shown separately in the BOQ of each individual item / work.

Place:

Date :

Signature of Bidder-----

Name -----

Business address -----

Seal -----

