

Response to Pre-Bid Queries for RFP					
RFP Ref. No.	CPCM-28/2026-27 Date: 21-Jul-2026 GEM Bid No. - GEM/2026/B/7814178				
RFP Name	REQUEST FOR PROPOSAL FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 3x150KVA UPS & SMF BATTERIES ALONG WITH 5 YEARS WARRANTY AT STOCKHOLDING'S MAHAPE OFFICE				
Sr. No.	Page No.	RFP Clause	Clause Description	Query	StockHolding Remarks
1	13	B. Scope of Work (SOW)	a) Design, Supply, install, testing and commissioning of New 3 X 150 KVA UPS in minimum 200 KVA frame size along with separate 12V SMF 200Ah Battery bank in Rack for each UPS for 10 minutes back up time (150KVA load at 0.9 PF) with 5years warranty, this new supplied UPS along with Battery bank should needs to be communicated on existing BMS system.	Kindly provide the details of the existing BMS, including the make, model, and communication protocol, as integration with the proposed UPS is required.	Clarification: IQVISION (HONEYWELL) Version 4.14, Trend control system 4.14. It also supports open standard protocols like BACnet IP/MSTP, Modbus IP/RTU and SNMP
2				You have mentioned BMS whether it stands for building management software or Battery monitoring software. Please clarify.	Clarification: BMS is Building Management Software
3				Battery bank needs to communicate on existing bms system-Existing BMS system protocol and details required Wheather cabling is also need to consider? Kindly clarify what are the parameter need to check on BMS wrt to UPS & Battery? Cabling distance for BMS cabling to be provided	Clarification: 1. Existing BMS software supports open standard protocols like BACnet IP/MSTP, Modbus IP/RTU and SNMP 2. Yes Cabling is aslo need to be considered 3. The BMS should capture and display at least the following UPS & battery parameters: UPS input/output voltage, frequency, and load % Battery voltage, current, temperature, and state of charge Backup time remaining (calculated) Alarms: low battery, overload, fault, bypass mode, communication failure Event logs for discharge/charge cycles and capacity tests. 4.Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify .
4				for 10 minutes back up time (150KVA load at 0.9 PF) - Battery back up required EOL or BOL?	Clarification: End of Life (EOL) Sizing is Mandatory
5			SOW PG NO 13 B-Frame 200KVA a) Design, Supply, install, testing and commissioning of New 3 X 150 KVA UPS in minimum 200 KVA frame size along with separate 12V SMF 200Ah Battery bank in Rack for each UPS for 10 minutes back up time (150KVA load at 0.9 PF) with 5years warranty, this new supplied UPS along with Battery bank should needs to be communicated on	Kindly confirm the frame size?	Clarification: 1. Bidders must supply a modular UPS cabinet/frame with a minimum physical frame rating of 200 kVA. Frames larger than 200 kVA (e.g., 250 kVA or 300 kVA) are also acceptable provided they fit within the ground-floor UPS room layout. 2. The frame must be pre-populated on Day 1 with hot-swappable power modules offering an active capacity of 150 kVA / 150 kW. 3. Unused module slots up to the 200 kVA frame capacity must be provided with factory blanking plates to allow future plug-and-play expansion. 4. Internal busbars, static bypass switch (STS), isolation/bypass switches, and switchgear within the offered frame must be fully rated for at least 200 kVA continuous duty.

6	13 & 46	B. Scope of Work (SOW) & Annexure - 4 - Commercial bid format	needs to be communicated on existing BMS system. ANNEXTURE 4 PG 46 FRAME 250KVA Annexure - 4 - Commercial bid format 1. 150 KVA modular Hot swappable 3 x 3 with 250 KVA frame, with 50KW power module, BCB, Parallel Cable, Unity DP Card, Relay Card, three phase input/three Phase Output with five-year warranty	SOW PG NO 13 B-Frame 200KVA ANNEXTURE 4 PG 46 FRAME 250KVA Kindly confirm the frame size?	Revised Clause: ANNEXURE 4, Page 46 150 KVA modular Hot swappable 3 x 3 with 200 KVA frame, with 50KW power module, BCB, Parallel Cable, Unity DP Card, Relay Card, three phase input/three Phase Output with five-year warranty
7				Kindly clarify - Base Frame 200mm	Clarification: 1. Bidders must supply a modular UPS cabinet/frame with a minimum physical frame rating of 200 kVA. Frames larger than 200 kVA (e.g., 250 kVA or 300 kVA) are also acceptable provided they fit within the ground-floor UPS room layout. 2. The frame must be pre-populated on Day 1 with hot-swappable power modules offering an active capacity of 150 kVA / 150 kW. Unused module slots up to the 200 kVA frame capacity must be provided with factory blanking plates to allow future plug-and-play expansion. 4. Internal busbars, static bypass switch (STS), isolation/bypass switches, and switchgear within the offered frame must be fully rated for at least 200 kVA continuous duty.
8	13	B. Scope of Work (SOW)	e) Input and Output cabling to be used as existing one. Cabling removal and refitment is part of scope of work.	Kindly provide Cable size & length of Existing cables to ensure suitability with 150 KVA UPS. As 150 KVA UPS required Approx 95 sqmm cables for Both Input & Output.	Clarification: 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
9				Input & out put cables ratings and whose SOW	Clarification: 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
10	15	F. Requirements towards Electrical Work	ii. Bidder to use existing input as well as output panels along with existing cabling. IV. New Requirement -Modular UPS - Location of these new 3 X 150 KVA UPS with minimum frame of 200 KVA UPS along with 12v SMF battery rack will be in UPS room at ground floor. Bidder to consider exiting AC cabling for UPS input as well as output whereas DC cabling as per product requirement is in the	Please share existing input & output panel details.	Clarification: 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.

11	16	F. Requirements towards Electrical Work	vii. STANDARDS - Product should confirm to minimum applicable standards as IEC 62040-3 UPS PERFORMANCE, IEC 60950-, CE, VDE .	The requirement for VDE certification restricts participation in the tender. We kindly request you to revise the clause to accept IEC 62040-3 (UPS Performance), IEC 60950, CE, and VDE or equivalent certifications.	<u>Revised Clause:</u> vii. STANDARDS - Product should confirm to minimum applicable standards as IEC 62040-3 (UPS PERFORMANCE), IEC 60950, CE, VDE or equivalent certifications.
12	17	B. 2. UPS and Battery Specifications UPS Output	System AC-AC Efficiency - Greater than 95% from 25% load to 75% load in Double Conversion Mode	Generally, the UPS efficiency at 25% load is lower than the efficiency at 100% load. Hence, kindly review this clause and revise the specified efficiency values accordingly.	<u>Clarification:</u> No Change
	21		4.16 Overall Efficiency for UPS b) 50 % 95% c) 75 % 95% d) 100 % 95%		<u>Clarification:</u> No Change
	37	H. UPS Output	System AC-AC Efficiency - Greater than 95% from 25% load to 75% load in Double Conversion Mode		<u>Clarification:</u> No Change
	42		4.16 Overall Efficiency for UPS b) 50 % 95% c) 75 % 95% d) 100 % 95%		<u>Clarification:</u> No Change
13	17	C. ENVIRONMENTAL	Operating Ambient Temperature - 0B+ 20 to +30°C Relative Humidity - 1B0 to 95% non-condensing Audible noise 2B<70 dbA Conformal coating PCBs 3BRequired	Kindly confirm whether the mentions of 0B, 1B, 2B, and 3B are typographical errors.	<u>Clarification:</u> Text containing_0B, 1B, 2B, and 3B are typographical errors.
14	17	D. Battery Specifications	1.1 - Nominal Capacity - 200Ah at C10 rate to 1.75VPC at 27°C	The specification requires a 12V, 200 Ah SMF battery with a C10 rating. Since 200 Ah is a standard high-capacity battery, it is typically rated at the C20 rate. Therefore, we kindly request you to revise the specification to C20 or confirm the acceptance of a 12V, 200 Ah SMF battery with a C20 rating.	<u>Clarification:</u> No Change
15	18		1.3 - Minimum Weight - Minimum 60.0 kg (excluding packaging)	We kindly request you to revise the clause to: Minimum Weight – As per the Manufacturer's Standard Design.	<u>Clarification:</u> No Change
16	18		1.6 - Internal Resistance - $\leq 3.5 \text{ m}\Omega$ for a fully charged battery	We kindly request you to revise this clause to state that the Internal Resistance (IR) values shall be acceptable as per the battery manufacturer's standard specifications.	<u>Clarification:</u> No Change
17	18		1.7 - Self-Discharge- < 3% per month at 27°C	We kindly request you to revise this clause to state that the self-discharge values shall be acceptable as per the battery manufacturer's standard specifications.	<u>Clarification:</u> No Change

18	18		1.8 - Terminals- Threaded Lead-plated Copper (L-Type/Bolted)	We kindly request you to revise this clause to state that the battery terminals shall be as per the manufacturer's standard design.	<u>Clarification:</u> No Change
19	18		2.0 - Warranty Term - 60 Months (5 Y	Generally, a standard 12V, 200 Ah SMF battery is supplied with a 2–3 year standard warranty. Therefore, we kindly request you to revise this clause to specify a warranty period of 2–3 years.	<u>Clarification:</u> No Change
20	17	B. UPS Output	AC output voltage distortion - Max. 2% @ 100% linear load, Max. 5% @ 100% non-linear load	Kindly confirm the exact THDv values for both linear and non-linear loads, as different values are mentioned in different sections of the specification.	<u>Clarification:</u> 1. Linear Load: ≤ 2% THDv at 100% linear load 2. Non linear load : ≤ 5% THDv at 100% non-linear load
21	20	E. Bidder to submit GTP (Guaranteed Technical Particulars) for UPS in below format	4.12 Total Voltage Distortion output side Linear load < 2 % Non-Linear load < 3 %		
	41		4.12 Total Voltage Distortion output side Linear load < 2 % Non-Linear load < 3 %		
	37	H. UPS Output	AC output voltage distortion Max. 2% @ 100% linear load, Max. 5% @100% non-linear Load		
			Output Voltage Harmonic -Distortion <3% THD maximum for a 100% linear load < 5% THD maximum for a 100% non-linear load		
22	23		iii. Before handing over, the bidder shall perform a 'Full Load Bank Test' using an external resistive load bank at 100% load (150kW) for 4 hours to verify temperature stability and 10-minute battery autonomy. Direct migration to DC load without this test is not permitted.	Kindly confirm whether the load bank will be available at the site or if we need to arrange it.	<u>Clarification:</u> Bidder has to arrange for Load Bank. Stockholding will provide the physical location/space and access to the designated electrical termination point for connecting the test cables.
23	24	F. Applicable Standards	g) Batteries shall comply with IS 1554	Since this is 12V modules generally confirm the JIS C 8702:2009 , IS 16220 & IEC 61056 only. The IS 15549 / IEC 60896 (VRLA) standards are applicable to 2V cells and not to 12V battery modules. Therefore, we kindly request you to revise the certification requirement accordingly.	<u>Revised Clause:</u> Batteries shall comply with The JIS C 8702:2009 , IS 16220 & IEC 61056.
	17	B. UPS Output	Overload Rating- Online 125% - 1 mi		

24	21		4.18 - Overload a) 125 % 10 minutes b) 150 % 10 Sec	Kindly confirm the exact overload capacity for 125% loading, as different overload ratings are specified in different sections of the tender document.	Revised Clause: Page 19, Section 2.E, Sr # 4.18 Page 40, Section K, Sr # 4.18 a) 125 % 60 Seconds b) 150 % 10 Seconds
	37	H. UPS Output	Overload Rating Online - 125% - 1 m		
	42		4.18 - Overload a) 125 % 10 minutes b) 150 % 10 Sec		
25	46	Annexure - 4 - Commercial bid format	4. UPS communication work of existing BMS system that BMS programming, supply, laying, and installation of communication cabling etc. to complete the job.	Kindly provide the details of the existing BMS, including the make, model, and communication protocol, as integration with the proposed UPS is required.	Clarification: IQVISION (HONEYWELL) Version 4.14, Trend control system 4.14. It also supports open standard protocols like BACnet IP/MSTP, Modbus IP/RTU and SNMP V2/ V3
26	46	Annexure - 4 - Commercial bid format	2. 12V SMF 200Ah Battery bank (1set of 32 blocks) in Rack separate for each UPS for 10 minutes back up time on 150KVA load at 0.9PF with five-year warranty	We will provide Battery 200AH, 12V, 1 set of 32 Nos. SMF batteries per UPS as mentioned in Commercial format and tender specifications. Also Please confirm Power Factor.	Clarification: The tender specifies unity power factor (kVA = kW) at 40 °C without derating. This means the UPS must deliver full rated kW output across the specified range (0.8 lagging to 0.9 leading).
	17	B. UPS Output	Output Power Factor Rating unity power factor KVA=kW @ 40 Degree Celsius without any de rating from 0.8 lagging to 0.9 leading		
	37		Output Power Factor Rating unity power factor KVA=kW @ 40 Degree Celsius without any de rating from 0.8 lagging to 0.9 leading		
27	3	RFP documents Details, (Sr no. 4)	Rs. 5,00,000/- (Indian Rupees Five Lakhs only) to be paid to Stock Holding Corporation of India Limited as Earnest Money Deposit. It should be submitted separately before submission of online bids by way of RTGS/NEFT on StockHolding's Bank Account No.: 004103000033442 Bank: IDBI Bank (Nariman Point Branch) IFSC: IBKL0000004. Please share the UTR details to us on CPCM@stockholding.com	Considering the substantial amount involved, we kindly request you to permit us to submit the Earnest Money Deposit (EMD) in the form of Bank Guarantee instead of RTGS/NEFT.	Clarification: EMD can be submitted in form of RTGS/NEFT/BG/FDR.

28	26	7. Payment Terms	<table><tr><th>Milestone</th><th>Payment</th></tr><tr><td>Delivery</td><td>50% payment on completion of delivery of bill of material & on submission of invoice, delivery challan, and against physical verification and acknowledgement by Stockholding</td></tr><tr><td>Installation, Commissioning of entire Bill of material and Integration with existing BMS software for Monitoring</td><td>20% payment will be released on successful installation and sign-off from Stockholding</td></tr><tr><td>Hand Over and Go-Live of the Implementation including submission of warranty and disposal certificates, detailed project document and training etc.</td><td>20% payment will be released post successful Go-live of the project duly signed by Stockholding, and the dismantling and clearance of the buyback items from the site location.</td></tr><tr><td>AMC / Warranty – Quarterly Payment for balance term of the contract duration</td><td>10% payment will be released proportionately across 20 quarters after deduction of penalties, if any.</td></tr></table>	Milestone	Payment	Delivery	50% payment on completion of delivery of bill of material & on submission of invoice, delivery challan, and against physical verification and acknowledgement by Stockholding	Installation, Commissioning of entire Bill of material and Integration with existing BMS software for Monitoring	20% payment will be released on successful installation and sign-off from Stockholding	Hand Over and Go-Live of the Implementation including submission of warranty and disposal certificates, detailed project document and training etc.	20% payment will be released post successful Go-live of the project duly signed by Stockholding, and the dismantling and clearance of the buyback items from the site location.	AMC / Warranty – Quarterly Payment for balance term of the contract duration	10% payment will be released proportionately across 20 quarters after deduction of penalties, if any.	Payment will be progressive invoice submission material. Within 30 days of 1. 15% on installation. 5% payments will be progressive Within 30 days of invoice submission. 80% on installation. 20% after commissioning.	Clarification: No Change
Milestone	Payment														
Delivery	50% payment on completion of delivery of bill of material & on submission of invoice, delivery challan, and against physical verification and acknowledgement by Stockholding														
Installation, Commissioning of entire Bill of material and Integration with existing BMS software for Monitoring	20% payment will be released on successful installation and sign-off from Stockholding														
Hand Over and Go-Live of the Implementation including submission of warranty and disposal certificates, detailed project document and training etc.	20% payment will be released post successful Go-live of the project duly signed by Stockholding, and the dismantling and clearance of the buyback items from the site location.														
AMC / Warranty – Quarterly Payment for balance term of the contract duration	10% payment will be released proportionately across 20 quarters after deduction of penalties, if any.														
29	General		To ensure faster fault resolution, the bidder proposes to maintain critical spares at site. The required spares will be procured by the bidder, and a separate quotation for the same will be submitted. Kindly confirm whether this approach is acceptable and specify the recommended spares to be maintained on-site.	Clarification: No Change. It is upto the bidder how they will maintain spares in inventory to support the contract period.											
30	13	1. B. Scope of Work	c) Buyback scheme for of existing 4 X 120 KVA monolithic UPS along with SMF batteries, DC cabling, DC link at Mahape location and 40KVA UPS along with SMF batteries, DC cabling, DC link at Center Point location	Kindly provide Existing system sizing details & TDS sheet so that removing can be planned Battery Capacity to be mentioned for existing 4x120KVA UPS with batetry make & model to provide offer for buyback	Clarification: The RFP clearly specifies: Buyback of existing 4 × 120 kVA monolithic UPS with SMF batteries, DC cabling, DC link at Mahape, and 40 kVA UPS with SMF batteries, DC cabling, DC link at Center Point.										
31			Please confirm the model of UPS to buy back	Clarification: 1. 4 x 120KVA (Vertiv Synergys 3300. 2. 1 x 40KVA EMERSON-Harmony 3300											
32			Please confirm the existing UPS and battery make & model with battery quantity for buyback.	Clarification: 1. 4 x 120KVA (Vertiv Synergys 3300, Battery:- Rocket SMF 200AH. 2. 1 x 40KVA EMERSON-Harmony3300, Battery: 12V 65Ah SMF batteries											
33	13	1. B. Scope of Work	d) Dismantling of existing UPS and batteries and placement of New UPS along with 3 sets of 200Ah 12V SMF batteries with 10 min backup.	Kindly provide Existing system sizing details & TDS sheet so that dismantling can be estimated	Clarification: 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.										

34	13	1. B. Scope of Work	e) Input and Output cabling to be used as existing one. Cabling removal and refitment is part of scope of work.	Kindly provide size of Input and Output cabling	<u>Clarification:</u> 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
35				Alos confirm wheather existing cable are suitable to terminate in New UPS ?Existing cable Ampacity wise?Existing cable Physical size?	<u>Clarification:</u> 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
36				Wheather existing I/P & O/P breaker are suitable for New UPS?Requesting to share capacity for the same	<u>Clarification:</u> 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered 150 kVA / 200 kVA frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
37				Please confirm the size and type of existing cable. Please confirm if existing legth is sufficienct for New UPS installation.	<u>Clarification:</u> 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
38				Please confirm about existing cabling for UPS Input & Output along with earthing to be used or not? Pleae confirm existing cable sizes.	<u>Clarification:</u> 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.

39	13	1. B. Scope of Work	g) The bidder shall guarantee that the battery bank provides the 10-minute backup at 100% load throughout the 5-year warranty. If during a discharge test, the capacity is found to be below 80% of the rated capacity within the warranty period, the bidder shall replace the entire affected string at no cost.	Usual warranty of SMF VRLA 3-4yrs however we can proposed Li-ion with 10rs warranty and smller footprint?	Clarification: No change to existing Warranty Period. However, bidder can propose Li-Ion with minimum equivalent warranty as mentioned in the RFP.
40				Please confirm the aging marging & design margin to be considered for battery sizing	Clarification: Based on the specifications provided, Bidder is required to factor in the aging margins and design margin appropriately in accordance with IEEE 485 / 1184 standards.
41	13	1. B. Scope of Work	h) The bidder must submit a step-by-step Method of Procedure (MOP) for the 'One-by-One' replacement of the 120 KVA units. This must include a risk mitigation plan for 'Static Bypass' operations and be approved by the StockHolding technical team 7 days prior to execution.	Kindly share the existing load details for each UPS?Also share load detail which will be transfer to static bypass so that acordinglly MOP can be prepared?	Clarification: Current load is 17% on each UPS.
42	13	1. B. Scope of Work	j) The bidder is responsible for the environment-friendly disposal of the old SMF batteries under the 'Batteries (Management and Handling) Rules' of India. A valid Disposal Certificate from a registered recycler must be submitted to the client to close the Buyback obligation.	Kindly specify the detailing/certification required against clause?	Clarification: Waste Battery Processing Certificate or equivalent certificate issued by Central Pollution Control Board (CPCB) or Maharashtra Pollution Control Board (MPCB)
43	14	1. C. General Requirements	b) Also, the scope includes the supply, installation & commissioning of any material or equipment including civil works, electrical work that are not specifically mentioned in the specifications and design details but are required for successful commissioning of the project.	We assume its UPS & Battery replacement activity,kindly specify any specific Civil,Electrical activity involve other than replacement?	Clarification: 1. Proper positioning, alignment, and floor anchoring/grouting of new battery racks and UPS frames. 2. Post-installation cleaning and touch-up of affected floor/wall areas within the UPS room. 3. Major structural building modifications or site utility electrical sub-station upgrades are NOT required under this scope.
44	14	1. C. General Requirements	d) The bidder shall take the necessary clearance / approval from StockHolding for the drawings, design, quality of material, make and model of the quoted material etc. prior to the execution of the project.	Make model number not available for UPS & Batteries? Can we consider standard makes available in the market which comply to given specification?	Clarification: 4 x 120KVA (Vertiv Synergye 3300, Battery:- Rocket SMF 200AH.
45	14	1. C. General	f) Factory Test Reports: Bidder shall provide factory test report for all products after testing each parameter of products as per their standard test procedure	Usually UPS FAT is carried out and battery test report will be provided and back up test carried out at site wheather that is ok or Battery testing also required during FAT pls confirm?	Clarification: Physical presence of Stockholding's representative during the FAT is optional and at the sole discretion of Stockholding. Unless Stockholding explicitly informs the bidder in advance of its intent to depute a representative to witness the testing, submission of the factory test reports will be sufficient.

46	17	Requirements	then standard test procedure. • UPS • 12 V 200Ah SMF battery • If required Stockholding may present during FAT testing.	Kindly confirm whether the Factory Acceptance Test (FAT) is required to be conducted at the factory in the presence of your representative, or if submission of the FAT report will be sufficient.	<u>Clarification:</u> Physical presence of Stockholding's representative during the FAT is optional and at the sole discretion of Stockholding. Unless Stockholding explicitly informs the bidder in advance of its intent to depute a representative to witness the testing, submission of the factory test reports will be sufficient.
47	15	1. F. Requirements towards Electrical Work	iii. Bidder to consider UPS removal, cabling disconnection, battery removal etc. job one by one without interrupting the existing set up. Existing UPS are operating at 15-20% of load only. During commissioning of new entire system if required planned shutdown will be given during OFF day and this will be only one day i.e. 24 hours.	Requesting to share exact load details, Existing 4 UPS how many will be in active state?	<u>Clarification:</u> Current load is 17% on each UPS. 3 UPS are in active state
48	15	1. F. Requirements towards Electrical Work	iv. New Requirement -Modular UPS - Location of these new 3 X 150 KVA UPS with minimum frame of 200 KVA UPS along with 12v SMF battery rack will be in UPS room at ground floor. Bidder to consider exiting AC cabling for UPS input as well as output whereas DC cabling as per product requirement is in the scope of Bidder. The UPS and associated equipment shall operate in conjunction with a primary power supply and an output distribution system to provide quality uninterrupted power for mission critical, electronic equipment load.	Frame clarity required?	<u>Clarification:</u> The RFP document specifies that each UPS must be supplied in a minimum 200 kVA frame size, even though it has to be configured for 150 kVA rating.
49			ii. Bidder to use existing input as well as output panels along with existing cabling.	Please confirm the input & output MCCB rating to check the suitability	<u>Clarification:</u> 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
50	21		4.18 Overload a) 125 % 10 minutes b) 150 % 10 Sec	Overload capacity should be 125% for 10 minutes & 150% for 1 minutes as per IEC62040 standard for UPS.	<u>Clarification:</u> No Change

51	23	E. Bidder to submit GTP (Guaranteed Technical Particulars) for UPS in below format	i. 1st Level Protection – Battery Management System (BMS) & Switch Gear: Each battery rack shall be installed with main switch gear to isolate the affected battery rack in the event of a fault. BMS shall also be included in each rack to provide continuous monitoring of the voltage and temperature. BMS gathers and analyses the rack current. In the event of over voltage or short circuit, the BMS will trip the MCCB at rack	Each Battery rack required MCCB + Fuse? Pls confirm?	Clarification: Each battery rack must be equipped with both an MCCB (with shunt trip mechanism) and ultra-fast / HRC semiconductor fuses for two-tier protection against over-current and short-circuit faults.
52				From BMS MCCB tripping also required?	Clarification: The BMS must be interfaced directly with the rack-level MCCB's shunt trip coil to automatically trip open and isolate the affected rack in the event of critical faults (e.g., over-voltage, over-current, short-circuit, or over-temperature limits being exceeded).
53	23 & 24		Before handing over, the bidder shall perform a 'Full Load Bank Test' using an external resistive load bank at 100% load (150kW) for 4 hours to verify temperature stability and 10-minute battery autonomy. Direct migration to DC load without this test is not permitted.	Load bank to be considered in current scope?	Clarification: Yes, the provision of the temporary 150 kW resistive load bank, temporary power/test cabling, measuring instruments, labor, and execution of the 4-hour full load test along with the battery autonomy test on-site at Mahape are fully within the bidder's scope of work and cost. Bidders must factor all associated testing and equipment rental expenses into their commercial offer. Stockholding will only provide the electrical points/space at the site for connecting the load bank.
54	46	Annexure - 4 - Commercial bid format	Misc. work if any	Kindly specify the items involve or provide existing UPS SLD,Layouts,Civil details so we can estimate accordingly?	Clarification: 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
55		Annexure - 4 - Commercial bid format Note:	b. In addition to the above, the bidder is to provide a year wise cost breakup of items listed at Sr no. 1 and 2 of the above table on a separate page, clearly demarcating the cost of item, cost of extended warranty as applicable etc.	Yearwise Extended warranty required separately for UPS & batteries pls confirm?	Clarification: Yes
56	General			Kindly confirm wheather we have to consider seprate earthing for UPS or existing to be used?	Clarification: Existing Earthing to be used
57	General			Also confirm wheather we have dedicated earthing for UPS?	Clarification: Yes
58	General			For New UPS, we have to consider in any new cable tray or existin tray to utilised?	Clarification: 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify tray requirement

59	General	For better understanding we are requesting for site visit	Clarification: 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
60	General		
	Criteria	Documentary Proof	
	Experience in Business	Should be in business for last 25 years.	Clarification: No Change
	E-Waste Management Compliance	Should have a valid E-Waste Certificate / EPR Authorization issued by CPCB, Govt. of India.	Clarification: No Change
	Domestic Manufacturing Requirement	UPS or Power Products be manufactured in India. DMEP and Productivity Certificate from District Industries Centre available.	Clarification: No Change
	Blacklist Declaration	Should not have blacklisted by any PSU, financial institution, educational institution, government establishment, or defense agency.	Clarification: Refer clause no.4 of Eligibility Criteria
	GEM Registration	Should have registered in GEM for the supply of UPS & Power Products	Clarification: No Change
	Financial Strength	Should have revenue of more than ₹300 Crores in the financial year 2023-2024 & 2024–2025. Audited.	Clarification: No Change
	GST Compliance	Should have a valid GST Registration	Clarification: Already present. Refer Annexure-1

61	OEM Eligibility Criteria Suggested		Mandatory Certifications available	1. IEEMA Membership Certificate 2. State Production Certificate 3. D&B Certificate with financial credibility rating above 2A2 4. ISO 9001 – Quality Management System 5. ISO 14001 – Environmental Management System 6. ISO 45001 – Occupational Health & Safety Management 7. ISO 50001 – Energy Management System 8. ISO 20000-1 – IT Service Management 9. ISO 27001 – Information Security Management 10. Cybersecurity Compliance Certificate for SNMP and CMS software as per ISA/IEC 62443-1 standards 11. VAPT Certificate issued by a Government-recognized CERT-IN empaneled vendor	<u>Additional Clause:</u> Additional Clause to be added under OEM Eligibility Criteria: Below certifications are included to ensure vendor credibility, product quality, environmental and safety compliance, operational efficiency, and cybersecurity assurance. Together, they guarantee that only qualified vendors with proven systems, financial stability, and readiness for future requirements can participate. This balances risk mitigation with long term sustainability for mission critical UPS installations. Certifications related to product quality, environmental, safety, energy, IT service, information security, and cybersecurity compliance (including VAPT) must be provided by the OEM. Certifications related to industry membership, state production authorization, and financial credibility must be provided by the bidding vendor. Both sets of certifications are mandatory to ensure product compliance and bidder credibility. - Mandatory Certification: IEEMA Membership State Production Certificate D&B financial credibility rating ISO 9001 (Quality), ISO 14001 (Environment), ISO 45001 (Safety) ISO 50001 (Energy Management) Desired Certifications: ISO 20000-1 (IT Service Management) ISO 27001 (Information Security) Future proof requirement: ISA/IEC 62443-1 compliance and CERT-IN VAPT are future-proofing requirements.
62	OEM Qualification Criteria Suggested		OEM Status	Should be an Original Equipment Manufacturer (OEM).	<u>Clarification:</u> OEM or their Authorized Dealers/Partners
			Installation Experience	Should have similar proven track record of UPS installations with PSU, Government agency, BFSI, large corporate, or manufacturing facility. Proof: Purchase Order copy or Installation Report can be provided.	<u>Clarification:</u> These aspects are already covered in various criteria of the RfP
			Supply of Power Products with Lithium Battery	Proven track record of supplying Power Products with Lithium Battery critical infrastructure within the last 5 years. Proof: Purchase Order copy, Installation Report, or Customer Satisfaction/Working Letter can be provided.	<u>Clarification:</u> No changes from the Scope defined in the RfP
			Integrated Manufacturing Capability	UPS, Power Products, BESS, Smart Rack and Lithium Batteries must be manufactured by the same OEM. Should have BSNL TEC Certification for batteries as per GR No. TEC 67030:2024 for battery modules.	<u>Clarification:</u> No Change
63	23		11.7 Telemonitoring with software Required- Mandatory	Tele monitoring- We will be providing SNMP connectivity with email facility and hope it is acceptable. Please clarify	<u>Clarification:</u> Solutions provide real-time dashboards, historical logs, alarm management, and remote access. This is the level of functionality expected under “mandatory tele-monitoring.

64	General			Request you to provide Single Line diagram of the layout of the UPS room .	<u>Clarification:</u> 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
65	General			Regarding backup time & Battery sizing - The Battery sizing calculation to meet the backup time of the even at the end of warranty period we need to size the battery as per IEEE485 Standard which we have to consider design margin of 10% and Ageing factor of 1.25 %	<u>Clarification:</u> No Change
66	General			Request you to provide length of Cable from UPS to Battery.	<u>Clarification:</u> 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
67	13	1. B. Scope of Work	b) DC cabling from UPS to SMF battery should be new and Bidder to consider in the scope	Kindly confirm the length of DC cable to be considered from UPS to battery for each 150KVA UPS	<u>Clarification:</u> 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
68				UPS & Battery room Equipment layout required so that UPS to battery cable can be estimated along with support?	<u>Clarification:</u> 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.

69	General	Please confirm about existing Breaker for UPS Input & Output to be used or not? Please confirm existing breaker sizes.	Clarification: 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
70	General	Warranty for Batteries to be re-confirmed.	Clarification: No Change
71	General	Any specific make list for Batteries ?	Clarification: No Change
72	General	Please provide Cabling distance for BMS cabling	Clarification: 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
73	General	Existing site SLD to be provided	Clarification: 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.
74	General	Battery Capacity to be mentioned for existing 4x120KVA UPS with battery make & model to provide offer for buyback	Clarification: UPS:-Vertiv Synergye 3300, Battery:- Rocket SMF 200AH
75	General	Overload capacity should be 125% for 10 minutes & 150% for 1 minutes as per IEC62040 standard for UPS. RFP clearly mentioned to IEC62040 Compliance	Clarification: No Change
76	General	Existing site room layout to be provided	Clarification: 1. Bidders are required to conduct a physical site inspection at Stockholding's Mahape office during official working hours prior to bid submission to independently verify existing cable cross-sections, insulation types, lugging arrangements, run lengths, and terminal block compatibility. 2. Any adaptors, reducers, extended terminal busbars, or terminal modification kits required to safely terminate the offered frame onto the existing site AC cables shall be factored into the bidder's scope of installation work.

77	General			Can we propose Lithium-Ion Batteries with 15 years of design life with compact & sustainable solution?	<u>Clarification:</u> Yes. All specifications mentioned are minimum. Bidder can chose to provide solution with higher specifications
78	General			There is no specifications mentioned about UPS Display. Ideally should be 7 inch touch screen with graphic display with Wave frame Recording	<u>Clarification:</u> The UPS shall be provided with a standard OEM-provided LCD/LED graphical display panel capable of displaying all essential electrical parameters (Input/Output Voltage, Current, Frequency, Power Factor, % Load, Battery Voltage, Runtime, and Alarm/Fault Logs). A 7-inch touch screen with waveform recording is not mandatory, provided the offered display panel meets all monitoring and alarm requirements. Bidder may chose to provide touch screen based display
79	General			UPS should be capable to handle Lithium-Ion batteries considering future changes.	<u>Clarification::</u> Yes. All specifications mentioned are minimum. Bidder can chose to provide solution with higher specifications and/or have the capability to handle Li-Ion batteries in the near future
80	General			There is no specifications mentioned about hot swappable STS Module, controller & Aux Power Board	<u>Clarification:</u> No Change
81	General			There is no specifications mentioned about Self Loading Feature enables testing of the unit for load testing without external load & helps in Load simulation	<u>Clarification:</u> No Change
82	General			As per latest guidelines, Cybersecurity Compliance Certificate should be required for SNMP and CMS software as per ISA/IEC 62443-1 standards & VAPT Certificate should be issued by a Government-recognized CERT-IN empanelled vendor.	<u>Clarification:</u> At present, the UPS and CMS software are not connected to the internet, hence cybersecurity compliance certificates are not mandatory. However, vendors must ensure that the offered SNMP/CMS software is capable of meeting ISA/IEC 62443-1 standards and can be certified through VAPT by a CERT-IN empanelled vendor if external connectivity is enabled in future..
83	17	Scope of Work	2. UPS and Battery Specifications C. Environmental- Audible noise - 2B<70 dbA E. Bidder to submit GTP (Guaranteed Technical Particulars) for UPS in below format- 8.4 - Acoustic Noise 65db (Specify)	Page nos 16 70 Db Page nos 22 65db (Specify) Please confirm on 70db - Acoustic Noise	<u>Revised Clause:</u> Page 17, Section 2C: Environmental Audible Noise: <65 dbA
84	21	Scope of Work	4.18 - Overload a) 125 % 10 minutes b) 150 % 10 Sec	Request to be 1min- Overload @ 150% given is 10 Sec	<u>Clarification:</u> No Change
85	21	Scope of Work	4.12 - Total Voltage Distortion output side Linear load < 2 % Non-Linear load < 3 %	Request to be <5%-Non Linear Load Given < 3%	<u>Clarification:</u> No Change

86	14	C. General Requirements:	f) Factory Test Reports: Bidder shall provide factory test report for all products after testing each parameter of products as per their standard test procedure. • UPS • 12 V 200Ah SMF battery • If required Stockholding may present during FAT testing.	Kindly confirm whether the Factory Acceptance Test (FAT) is required to be conducted at the factory in the presence of your representative, or if submission of the FAT report will be sufficient.	<u>Clarification:</u> Physical presence of Stockholding's representative during the FAT is optional and at the sole discretion of Stockholding. Unless Stockholding explicitly informs the bidder in advance of its intent to depute a representative to witness the testing, submission of the factory test reports will be sufficient.
87	23	2. UPS and Battery Specifications	Before handing over, the bidder shall perform a 'Full Load Bank Test' using an external resistive load bank at 100% load (150kW) for 4 hours to verify temperature stability and 10-minute battery autonomy. Direct migration to DC load without this test is not permitted.	Site Load Bank Test required at site	<u>Clarification:</u> The bidder must arrange and conduct the 4-hour Full Load Bank Test at 100% load (150kW) along with the 10-minute battery discharge test at the Mahape site prior to handover. All temporary load banks, temporary cabling, calibrated measuring instruments, and testing arrangements shall be provided by the successful bidder.
88	13	Scope of Work (SOW) / Service Level Agreement (SLA)	C) Buyback scheme for of existing 4 X 120 KVA monolithic UPS along with SMF batteries, DC cabling, DC link at Mahape location and 40KVA UPS along with SMF batteries, DC cabling, DC link at Center Point location	Please confirm the existing UPS and battery make & model with battery quantity for buyback.	<u>Clarification:</u> 1. UPS:-Vertiv Synergye 3300, 2. Battery:- Rocket SMF 200AH
89	27	11. Force Majeure:		Please confirm whether Mathadi charges are applicable at the project location.	<u>Clarification:</u> 1. Stockholding shall not entertain any separate, extra, or reimbursement claims towards Mathadi charges, local union labor, unloading, or entry/handling charges. 2. Bidders must conduct their own due diligence and factor in all such local handling, loading/unloading, and site delivery expenses into their overall commercial quote. 3. The offered price in the Commercial Bid shall be all-inclusive up to final installation and commissioning at the Mahape site.
90	46	Commercial bid format	BUYBACK	The Bid value submission is after deducting buyback from supply items!!	<u>Clarification:</u> BuyBack price has to be mentioned in the Commercial Bid Format. Total Price is less the Buy Back Price