

NOTICE INVITING TENDER(NIT)

Sealed Online Tenders/Notice inviting Tender (NIT) are invited for the following job from OEM/Authorised Distributors/Dealers/Service Providers having sufficient experience and credentials for successful completion of similar nature of work, preferably in a Govt. Deptt. Or other Similar nature means supply, installation & commissioning of 06 KVA Online UPS Systems along with parallel in load Sharing mode of the exiting Vertiv /Emerson make 6 KVA Online UPS system with 1/2(30 Minutes) Hour Battery back up time with full load along with One (01)year onsite warranty for the installed UPS System and two(02) years onsite warranty of SMF Battery(26 AH-12V-16 nos) each from the successful date of Installation in our 23(Twenty Three) Nos of Rural branches in 5 District mentioned as per Annexure II .

Brief Description of Work	Cost of Tender Document	Start Date of eTender Availability at website	Last Date & Time of submission of eTender	Opening date of Technical bids	Opening date of Financial bids
Supply, installation of new SMF Battery(16Nos – 26 AH,12V) along with 1 no of new 6 KVA online UPS System each as per specification mentioned in Annexure “A” and new installed System will be parallel in load Sharing mode with the existing Vertiv make 6 KVA online UPS system	Nil	14/02/2025	26/02/2025 upto 5 P.M.	28/02/2025 at 03.30 P.M.	To be notified latter
Online availability of eTender Documents	www.wbtenders.gov.in and www.wbstcb.com				
Online mode of submission of eTender documents	www.wbtenders.gov.in				

The Bank reserves the right to accept/reject any/all the tenders without assigning any reason whatsoever and no hardcopy will be submitted by bidders & all the bidders are requested to submit all the documents. though the said eTender Site .

IMPORTANT NOTES TO THE BIDDER:

Prospective bid applicants are advised to read carefully the minimum qualification criteria as mentioned in ‘**ELIGIBILITY CRITERIA FOR PARTICIPATION IN THE TENDER and TECHNICAL CRITERIA MENTIONED UNDER ANNEXURE “A ” & must be qualify of the said Criteria first.**

1. Tenders shall be submitted in 2 parts-Eligibility Criteria for participation in the Tender & Technical Bids mentioned in Annexure “A” and Financial bid in Annexure “B” .
2. Loss or damage in transit will be solely borne by the supplier. The suppliers may, if he/she so desires, get the goods insured and include such charges in the tendered rate.
3. No Advance Payment will be made in favour of any supplier under this tender. The bidders are requested not to mention any such clause for advance payments in their bid documents and if there is anything in this regard, the same will be ignored for consideration and no communication will be done in this regard.
4. The bidders must submit necessary valid documentary proof/s of their Company/Firm’s Registration/Authorization along with their GST,Trade License &PAN details along with the quotation.

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5. The Bank reserves the right to verify and confirm of all necessary documents as submitted by the bidders in support of their tender bids along with their credentials/documents required for the eligibility criteria & technical criteria mentioned under Annexure A. In any case, any information as furnished by the bidder/s if found fabricated or mala-fide or false or incorrect, the tender bids will be rejected and necessary legal proceedings may be taken against the bidders.
6. **Once the Bank authority confirms its Purchase Order(PO) to the respective winning bidder through email or hand to hand .The all of items mentioned in BOQ under Annexure “B” is to be delivered and installed accordingly within a maximum period of 07(Seven) day’s from the date of issuance of such PO. If delivery does not happen within Seven(07)day’s, Bank reserves the right to cancel the PO.**
7. Normally the payment may be made to the vendor agency within a period of Seven(07) days from the date of successful installation of equipment and submission of proper Invoice along with the warranty and installation certificate duly signed by supplier. For online payment, the bidders are requested to provide a copy of cancelled cheque along with their Invoice.
8. If the last date of tender submission falls on holiday/strike /Bandh etc., the last date for submission of tender will be extended up to the next working day.
9. This tender is floated for procurement of the 01(One) no of New UPS system along with 16(Sixteenth) nos of SMF Battery (26 AH-12V) each which will be deployed in our 23(Twenty Three) Nos of Rural Branches of the Bank in 5 District and the stated quantity for the same is indicative ones and their actual quantity for purchase may vary as per the requirement of the Bank.
10. Tenders shall be submitted in 2 Part “A” (Technical Bid) along with Eligibility Criteria for participation in the Tender and Part “B” (Financial bid). Only those bidders who will qualify the technical bid & Eligibility Criteria mentioned below are eligible to open the Financial Bids
11. **Warranty:** As per the Original Equipment Manufacturer(OEM)/Manufacturer terms and conditions. for one (01) year for 6 KVA online UPS system and two (02) years of the supplied SMF Battery from the successful date of Installation of all the supplied items/accessories.

The intending bidder/s must quote their price for their item of the work within the BOQ.

Scope of Work:

The successful bidder [hereafter referred to as the Contractor] has to supply, install, commission of new UPS System along with SMF Battery as per the specifications mentioned under Annexure “A” to be deployed in 23 nos of Rural Branches with the existing Vertiv make UPS system 06 KVA online UPS Systems mentioned in Annexure II in parallel mode of Load sharing Basis and provide on-site comprehensive SBD [Same Business Day] warranty support for 1(one) year for the new proposed UPS system and 2(two) years of supplied installed SMF Battery Set from the successful date of commissioning/Installation to meet SBD response time.

12.Tender Validity:

- a. The tenders shall be kept valid for a period of 60(Sixty) day’s from the last date of submission of tenders or any extended date as indicated below;
- b. In exceptional circumstances, WBSCB may solicit the bidder’s consent for extension of the bid validity period. The request and the responses shall be made in writing. When the validity period is extended by the bidder, the same is to be done without any modification to the bid proposal by the bidder;
- c. All prices quoted must be firm and valid during bid validity period and extended periods. All prices quoted shall not be affected by any escalation in prices of labour or materials, machineries, equipment etc. or in rupee exchange rate during the bid validity period whatsoever.
- d. All the prices are inclusive of all taxes(including GST) and all the accessories mentioned In Annexure “B”/Commercial Bid ;
- e. The OEM must give declaration of non refurbished product is being used here and also have a full manufacturing facility in India & factory establishment certificate/Manufacturing license of UPS are also be furnished .

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13. ELIGIBILITY CRITERIA FOR PARTICIPATION IN THE TENDER

Bidder should have submitted the Manufacturer's Authorisation Form(MAF)mentioned in Annexure I duly sign and stamp by the OEM for the both of UPS and SMF Battery System .

1. Bidder should be authorised business partner of Quoted make UPS & Battery System(The validi certificate must be enclosed in a separated sheets of paper) and the said UPS system will Comply all the Technical specifications mentioned under Annexure "A " .
2. The Bidder is in business for last 05 years and also service centre with call logging facility at West Bengal ..Supporting documents for existence of Service Centre with phone nos. has to be attached.
3. The bidder shall be required to give a declaration in their letterhead that they have not been banned by any Govt. Agency/Govt. Deptt./Quasi-Govt. Deptt./PSU/Board/Council or similar organisation. If any Govt. Agency/Govt. Deptt./Quasi-Govt. Deptt./PSU/Board/Council or similar organisation has banned the bidder and later on lifted the ban, the fact must be clearly stated.
4. The bidder should have an Annual Turnover of Rs. 50 (Fifty) Lakhs or above each in the last Three(03) Financial Year I.E FY [2021-2022] and FY [2022-2023] , FY [2023-2024] ;

14. FINANCIAL BID

1. Bid Format:

All the items mentioned in under following specification mentioned under Annexure "A" and requirement should be quoted in the financial bid under Annexure "B" . Bank is not given any Delivery/installation charges separately for supply of the UPS & SMF Battery system in Annexure II locations of the Bank & should be submitted as per the specified format:

The financial bid should be inclusive of all the taxes, cost of freight, delivery, installation charges & Preventive Maintenance (PM) and all the accessories/items like Rack , Link Cables , parallel Kit with the same OEM , MCB ,Casing ,Electrical wire ,Electrical Wiring etc which will be required for installation purpose .Bank does not give any delivery & Installation charges separately for the same.

15 Validity of Offer:

The proposals shall remain for a period of Sixty Days[60] after the scheduled date for submission of the 'Proposal'. In exceptional circumstances, Bank may solicit the Bidder's consent for extension of the bid validity period. When the validity period is extended by the bidder, the same shall be done without any modification to the bid proposal by the Bidder.

16 Termination Of Contract :

(a)The Bank reserves the right to terminate the contract with the vendor if there is delay in supply of UPS & Battery System /Warranty Support/performances of UPS & Battery problems supplied by the vendor do not strictly conform to specifications by issuing 03(Three) day's notice to the vendor and engage a new vendor for the purpose .

(b)Any dispute arising between the vendors & the Bank in the matter of interpretation of any or all of the clauses of the agreement shall be adjudicated in accordance with the West Bengal Cooperative Societies Act 1983 & rules there under .

(c) any dispute will be under the jurisdiction of Hon'ble Calcutta High Court .

17(A)Document Verification: The bidders may be called on to be present at the Bank for evaluation, verification, and clarifications, if any and may be asked to bring their original documents for satisfaction of the authority. If the bidders fail to produce the same within the stipulated time frame, their bid/s will be liable to rejection.

(B)EMD value:-The selected bidder will deposit an amount of Rs. 2,00,000(Two Lakhs only) in either DD/online Fund transfer in favour of the Bank before awarding of the work order & refund the said amount without any interest after completing of the whole job ;

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18. Rejection Bids:

- a) Incomplete bids are liable to be rejected.
- b) Unsigned tenders/bids, unattested corrections and overwriting by bidders are also liable for rejection.
- c) The schedule for accepting the tenders shall be strictly followed-late tenders shall not be accepted.
- d) Bids submitted without supporting documents as mentioned or required to submit with bids are liable to be rejected.
- e) The bidder/s must confirm in their bid acceptance in full of the terms and conditions in this enquiry. Any non-acceptance or deviations from the terms and conditions must be clearly brought out. However, bidders must note carefully that any conditional offer or any deviation from the terms and conditions of this enquiry may render the quotation liable for rejection.
- f) Each page of the tender document including all annexure duly stamped and signed by the bidder must be submitted along with the tender bid and the tender should be page-numbered.

19. Bid Evaluation Process:

After submission of the bid, all the bids submitted through electronically & will be opened . At first the Eligibility Criteria for Participation in the Tender and Technical Criteria mentioned in "A" will be evaluated first . If any bids are disqualify for the Eligibility Criteria and comply of Technical Bids or vice versa are totally disqualify .The technical specifications should be verified and duly signed and stamped by the OEM. .

If all the qualification criteria are fulfilled, then the bidders will be eligible for evaluation of Technical Bid which was mentioned in Annexure "A" . The evaluation of the bids will follow the steps outlined below.

a. Compliance Against Eligibility Criteria

The bidder's response satisfies the stated eligibility criteria specified in the Tender Documents . Any shortfall [including omissions & variations] will be recorded. If a bid is not meeting the eligibility or technical criteria, it shall be rejected and cannot be made eligible by correction or amendment.

20. Examination of Short-listed Technical Bids

The short-listed technical bids shall be examined for completeness and clarifications, if any, shall be sought for from the respective bidders in case the same is considered essential. Once the examination of the Technical Bids is completed, the Financial Bids of only those bidders whose technical bid & Eligibility Criteria Bid are acceptable is to be opened.

21. Examination of Short-listed Financial Bids

The Bank will determine whether the Financial Proposals, opened, are complete, i.e. whether the Bidder has included all components as per the Tender Document. If not, WBSCB may reject the bid as non-responsive. The Bank is not bound to accept the lowest bidders(L1) .

Financial Bids shall be compared for the complete scope of work as per the Price Proposal Schedule, inclusive of all taxes and duties. The price schedule shall also have the indicative price break-ups.

22. Payment Schedule

The bidder will have to get the delivery challans and installation certificates endorsed by the Concern Bank Official Personnel of the Bank. Invoices in triplicate accompanying the properly endorsed challan and installation certificate will be processed. Payment for the material supply & installation will be made factored by penalty incurred, if any, within 7(Seven)-days of receipt of commercially clear invoice.

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23. Penalty

The delivery of the entire material ordered will have to be completed within Seven(07) Day's of the release of the Letter of Intent or Purchase Order . The installation will have to be carried out as soon as possible after delivery. The delivery & installation process must be completed within Seven(07) Day's of the receipt of the work order copy . If the delivery of the items will not be completed within 7 day's , then the said Work order given by the Bank will cancel and the total Security deposit (EMD) of amount of Rs. 2,00,000/- (Two lakhs only) must be for fitted by Bank and issue the work order to the 2nd selected bidder .

24. Delivery: 1. The equipments should be delivered and installed at Annexure II , within a time period of Seven(07) day's from the date of receipt of Work Order or Purchase Order, if any extension otherwise is not allowed. If any material is not delivered within the time period specified in the Work Order, the Bank Authority reserves the right, without incurring any liability, to cancel the work order., and there by, to purchase the same from another vendor. If the vendor is unable to complete the work performance at the time specified for delivery, by reason of strikes, labor disputes, fire or other causes beyond the Vendor's reasonable control, the vendor will be allowed to extend the period of the Work Order.

2. The selected bidder will provide first level support within 04 (Four) Hours on any Working day's or any other Holiday's including Sunday during warranty period mentioned above from the date of installation of items . The supplied Accessories should conform to the detailed technical specification mentioned in Annexure "A ";

3. The supplied new UPS & Battery system including all supplied accessories will provide 99.9 % uptime during warranty period and changeover of the load with existing UPS system can be made without interruption

4. That the selected bidder will bear all expenses for repair/replacement of the supplied accessories including UPS & Battery system during the warranty period and this Bank will not make any separate payment for any such expenses to be incurred within the comprehensive warranty period & all the replacement materials are original & same make ;

5. That the selected bidder will transfer ownership of the accessories in favour of the Bank and the same shall be effected as soon as the equipments is brought to the sites of the Bank's premises, installed thereafter and accepted by the bank;

6. The Selected bidder will give a training to the Bank's Employee's regarding the supplied items along with free of Costs .

7. The Bank was bound to accept the Lowest Bidders (L1)

8. The technical specifications duly by Stamp & Signed with name , Mobile No and Official Email Id;

9. For any type of clarification , the bidders /Service provider are requested to send the Query within 20/02/2025 to rfp_coopcbcs2010@wbstcb.com

25. Regarding Financial Bid:

- i) The Financial Bid submitted by the bidders should contain the price of the material required to be uploaded as given in the BOQ format by bank
- ii) All costs should be given in the exact figures and words. All the Govt. levies like sales tax, Custom Duties, and educational CESS, service tax , GST etc., if any, should be included within quoted amount for each item or component in the BOQ.
- iii) Prices shall not be subject to any escalation in the future prices
- iv) Bank may increase/decrease the quantity of the items mentioned above
- v) The Applicable TDS (if any) will be deducted from the submitted Bill Amount from the selected bidder as per the norms of the Bank's
- vi) At first Technical bids along with Eligibility Criteria of respective bidders will be evaluated first and financial bids will be opened who are technically & qualified for Eligibility Criteria.

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26 . Clause of Bank Guarantee/EMD value

That the vendor shall agree to furnish a Bank Guarantee (BG) for 01(One) year validity for a maximum amount of 10% of all cost excluding the GST Charges .The said BG will be forfeited by Bank and realized by Bank , in the following cases :-

i) That if at any time the vendor’s performances are considered unsatisfactory by the Purchaser in regard to maintenance of service or supply of spares or any related matter affecting operational efficiency of the supplied UPS & Battery system operation, the Purchaser Bank shall be at liberty to terminate the contract after issuing 15 day’s notice on the vendor and the Purchaser Bank shall be at liberty to invoke the Bank guarantee furnished by the vendor for liquidated damage @ 05 % (five) per week subject to maximum of 10% of the contract value.

ii) In case of break down or glitches or snags of the UPS & Battery system , vendor will be under obligation to restore the services of the system within the same day after receiving intimation from the Purchaser Bank either in writing or by Fax or telephonically or email during the period of warranty period failing which the vendor firm shall pay liquidated damages @ 05 %(five)per Week of the contract value in respect of the projects subject to a maximum of 10% of the cost of work order value executed by the vendor;

iii). If any Emergency Situations , the vendor will give the physical support Services in any Holiday/beyond the Office Hours without the extra charges to the Bank;

iv). That vendor will bear all expenses for repair/replacement of the UPS & Battery System installed by you instantly within the Next Business Day[NBD]and this Bank will not make any separate payment for any such expenses to be incurred by you within the comprehensive warranty period for supplied UPS & Battery system but the purchaser bank will not bear the cost of labour Charges for supplied UPS & Battery system during warranty period ;

v). That this Bank may like to arrange for independent/outside and/or in-house team for testing and certification of hardware supplied related to UPS & Battery system by the selected bidder ;

(vi) The call related to the problem of the supplied UPS & Battery system will be given by Bank personnel to the selected bidder either through email/Phone no/Whatsapp given by the said vendor and Vendor’s responsibility will be restored the said problem within the same day from the time of call logging by Bank with free of costs during the warranty period ;

27.Support Services

Service Descriptions	Support provided by Selected Bidder
Support during Business Hours of the Bank from 8 A.M. to 8 P.M. for all Banking working day’s	Support through physical Visit at the Branches of the Bank along with free of cost
Support after business operations hours of Bank	Support through Telephonic & Email
Time when scheduled maintenance will be performed	Scope & schedule to be agreed mutually

28.Bidders obligations

1. The bidder is responsible for managing activities of its personnel & hold itself responsible for any mishandling ;
2. The bidder will treat all data & information about the Bank , obtained in the execution of his responsibilities as confidential and will not reveal such information to any other party without the prior written approval from the Bank .

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3. Escalation matrix is to be provided by the selected bidder
4. Bidders are required to mention specifically the Name , Address and telephone number of their Service centre ,Mobile No,Email ids etc for after sales Service at the delivery location .
5. The selected bidder will be executed the Service Level Agreement (SLA) with the Bank
6. Rate quoted should be valid for at 60(Sixty) day's from the date of submission of the Bid
7. Detailed technical specifications of proposed UPS & Battery system should be submitted along with the bid documents
8. No serious discrepancies noted in the implementation of the project

29. Bill of material

Detailed Bill of material indicating the make , model of the proposed UPS & Battery system with all accessories including Support Services , Power supply ,power Cords ,Rack for accommodation of SMF battery(s) , MCB (Input 63 AH ,Output 32 AH), Flexible pipe , Parallel Kit , Electrical wire , Electrical wiring etc to be tabulated as a part of the technical bid and all the above mentioned cost are included in the financial bid .

30. Service Level :-

1. The bidder shall provide on-site warranty and support for the UPS & Battery system supplied at 23 locations during the warranty period on 24 X 7X365 basis ;
- 2 For any single device failure, faulty device has to replaced within Next Business Day from the time of intimation of the failure ;
3. The selected bidder must execute a service level agreement as per the format provided by Bank on a stamp paper.

31. Payment Terms :-

The Bank will release payment in the following manner:-

- i)70% of the billed amount will be released by the Purchaser Bank on receiving delivery at the respective site after installation,Configuration ,Testing ,Commissioning ,Connected with parallel Load sharing basis with the existing UPS system and Maintenance of the supplied items and the hardware supplied by the vendor should be strictly in conformity with the specification of the order duly certified by Concern Officer ;
- ii) Further 20% of the billed amount for Hardware is to be released 05(Five)day's after the date of installation ;
- iii) Remaining 10% will be released after furnishing of bank guarantee of 10% of the work order value [excluding the Taxes] for one(01) year validity from the date of issuance ;
- iv) The applicable TDS taxes would be deducted by the Bank at source , if any , as per prevailing rates .

32.All the jurisdiction are within the limit of Honorable Kolkata High Court Only

33.. The Bank was not bound to accept the lowest bidder(L1)& any time Bank may Cancel the said Notice inviting Tender [NIT]

34. The bidders must quote for all the locations mentioned above under Annexure II and any part of the bid quantity cannot be accepted with alter or less quantity otherwise the entire bid should be rejected ;

35. The bidder is required to quote one model only for parallel in load sharing & hot standby cascading mode.

Separate Technical ,Eligibility & Commercial/Financial bids as per specifications along with all requisite documents duly submitted through Online & addressed to the Managing Director,24 A,Waterloo Street,Kol-69

(Sujan Sarkar)
Managing Director

Annexure – I

[Manufacturer’s Authorisation Form(MAF)]

[To be submitted on OEM Letterhead for UPS & SMF Battery System individually, signed by a person competent along with official Email Id & Phone No] & without this MAF,the bid is liable to be rejected]

Tender No.:-HO/MD/2589

Date: 13/02/2025

To
The Managing Director,
The West Bengal State Co-operative Bank Ltd.,
24-A, Waterloo Street,
Kolkata – 700 069.

WHEREAS _____ who are official producers of _____ and having production facilities at _____ do hereby authorise _____ located at _____ [hereinafter, the “Bidder”] to submit a bid of the following products produced by us, for the Supply Requirements associated the above Invitation of Bids.

[Note: Please specify the Product Name & Model No. here]

When resold by _____ these products are subject to applicable warranty terms of this Tender .

We assure you that in the event of _____ not being able to fulfil its obligation as our Sales & Service provider in respect of this Tender, we would continue to meet out the terms stated in the abovementioned tender through alternate arrangements.

We also confirm that _____ is our authorised service provider/system integrator and can hence provide maintenance and upgrade support for our products.

We also undertake to supply the materials in the event of the non-supply of the materials by _____ as per the Tender and assure you the availability of products for the next two years after the installation of materials at site .

In the capacity of

Name: _____

Signed: _____

Phone No :-----

Official Email :Id :-----

Designation :-----

Note: This letter of authority must be on the letterhead of the Manufacturer, must be signed by a person and must be included by the Bidder in its bid as specified in the Instructions to Bidders.

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Annexure –“A”[Technical Bid]for UPS system to be signed by OEM’s on their letterhead along with sign & stamp

Sl. No	Parameter	Descriptions	Compliance (Yes/No)
1	Technology	Double conversion PWM based true Online UPS with double conversion technology based on Digital Signal Processor (DSP), operation. Pure Sine wave output. Compact & rugged, Inbuilt Isolation Transformer in Output with IGBT inverter & rectifier	
2	Rating	6kVA (1in - 1out)	
3	UPS configuration	UPSs should be configured in parallel configuration in load sharing mode with existing PB 600 UPS and in hot standby cascading mode with PB 6000 UPS without any break (in Sync Mode) . The confirmation in paralleling in Load Sharing mode with PB 600 UPS and Hot stand by Cascading mode with PB 6000 is to be provided separately on OEM letter head duly and stamped	
4	Input	Voltage Range: 180V-280V	
		Input Power factor : at ≥ 0.98 at full load	
		Input Frequency: 45 - 70 Hz (UPS should work in given Input Frequency in Inverter mode. Total Harmonic Distortion: (THDI) $< 5\%$ on Full Load	
5	Output	rated power: 6 KVA	
		Voltage: 230VAC (single phase)	
		Output Frequency 50 - 60 Hz +/- 0.1 Hz waveform shall be Pure Sine Wave	
		Rated Power Factor: Unity	
		Crest Factor: 3:1	
		Voltage Regulation: $\pm 1\%$ Inverter Overload Capability in utility mode: 105 - 125 % for 5 mins	
6	Back-up Time	30 Min with 6 KVA load	
	End of life	OEM must give a declaration that the Proposed UPS system will not be EOL (End of Life) in next 10 Years	
7	Minimum VAH each Battery Bank	4992 VAH	
8	Battery Type	compatible with SMF VRLA	
9	Battery cutoff voltage	Not Less than 10.5 V	
10	Battery charging capacity	5A	
11	Bypass Mode	(i)Static bypass: Inbuilt	
12	PROTECTION/INDICATION MONITORING	i) Overload	
		ii) Short circuit at output of UPS	
		iii) Over and under voltage at battery terminals	
		iv) Over temperature	
		vi) Charger On/Mains presence.	
		vii) Mains Normal/ Abnormal.	
		viii)Low Battery	
		ix) Load on bypass.	
		x) UPS On.	
		xi) UPS Trip	

		xii) Audible alarm for mains failure, battery low pre-alarm, battery low trip and inverter trip	
		xiii) Audio alarm near working place of operators	
		(C) Monitoring by analogue Meter/LCD Display for the following	
		i) AC Input voltage / current / frequency	
		ii) AC Output voltage	
		iii) AC Output current	
		iv) Battery voltage	
		v) Battery charging & discharging current	
		vi) Output frequency	
		vii) Fault Data	

		(viii) Bypass voltage / Frequency	
		(ix) Load- KW/KVA/PF/ Percentage	
13	Overall Efficiency	Efficiency shall be minimum 95%	
14	Noise	Maximum noise level from UPS system measured from distance of 1 meter from UPS in all directions under rated load shall not exceed 58 db	
15	Panel display mode	Graphical LCD display.	
16	Ambient Conditions for UPS	(i) Operating temperature: 0°C - 50°C (ii) Relative Humidity: 95% RH non-condensing.	
17	Mechanical parameter	i) W*D*H(mm): Vendor to Specify (ii) Ventilation: Forced-air cooled (iii) Ingress Protection: IP20 or better	
18	Network Management	i) SmartRS232/USB Port/Modbus ii) SNMP interface for network management iii) Relay/Dry Contact. (iv) The UPS should be able to manage with all (SNMP, Relay or Dry contact)communication protocol simultaneously	
19	Codes and Standards	IEC 62040-1 IEC 62040-2 RoHS (Declaration from OEM) ISO 9001:2015 ISO 14001:2015 ISO 27001:2013 ISO 45001:2018 OHSAS	
20	Warranty	On UPS: 12 months from the date of installation or 13 month for the date of Delivery. On Batteries : 24 months from the date of installation or 25 month for The Date of delivery	
21	UPS Make & Model	Vendor to specify (mentioned for comparison)	
	B Quality Assurance		
1	General	The specified system shall be factory-tested before shipment. The system shall be designed and manufactured according to world-class quality standards.	
2	ERTL / Govt Test Lab	Input voltage range , Input Power factor , Input frequency range , Output Voltage Regulation , Overall Efficacy of Electronic module /proposed UPS System	

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Annexure-II

Name of Branches where to be deployed the UPS (01 no) and Battery System(26 AH,12V-16 nos) each

Sl.No.	Model	Rating[KVA]	Location of Branch	District	Qty
1	PB6000	6	Pathar Pratima Bazar	South 24 Pgs	01
2	PB6000	6	Alipurduar	Alipurduar	01
3	PB6000	6	Tufanganj	Coochbehar	01
4	PB6000	6	Barasat Main Branch	North 24 Pgs	01
5	PB6000	6	Bongaon	North 24 Pgs	01
6	PB6000	6	Kashinagar	South 24 Pgs	01
7	PB6000	6	Diamond Harbour	South 24 Pgs	01
8	PB6000	6	Canning	South 24 Pgs	01
9	PB6000	6	CoochBehar Main Branch	Coochbehar	01
10	PB6000	6	Chandpara	North 24 Pgs	01
11	PB6000	6	Basirhat	North 24 Pgs	01
12	PB6000	6	Helencha	North 24 Pgst	01
13	PB6000	6	Falakata	Jalpaiguri	01
14	PB6000	6	Mathabhanga	Coochbehar	01
15	PB6000	6	Dinhata	Coochbehar	01
16	PB600	6	Habra Station Road	North 24 Pgs	01
17	PB600	6	Bhangore	South 24 Pgs	01
18	PB600	6	Baduria	North 24 Pgs	01
19	PB600	6	Kakdwip	Southh 24 Pgs	01
20	PB600	6	Sagar	South 24 Pgs	01
21	PB600	6	Amdanga	North 24 Pgs	01
22	PB600	6	Bijayganj	South 24 Pgs	01
23	PB6000	6	Baruipur	South 24 Pgs	01