

WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

(A Government of West Bengal Enterprise)

Division Office:
Nakashipara Division
Supermarket, P.O. Bethuadahari,
Dist. Nadia, Pin 741126
Email: dm.nakashipara@wbasedcl.in



OFFICE OF THE DIVISIONAL MANAGER
NAKASHIPARA DIVISION

Registered Office:
Vidyut Bhavan, Block -DJ
Sector-II, Bidhannagar, Kolkata - 700 091
CIN - U40109WB2007SGC113473
Website- www.wbasedcl.in

NOTICE INVITING e-TENDER

Tender Notice No.: NKPD/DM/e-Tender/06

Dated: 13.03.2026

Tender Id No: 2026_WBSED_1022337_1

Online item rate e-tender in two parts for the under-mentioned work is invited by the Divisional Manager, Nakashipara Division, through e-tendering from genuine manufacturers and suppliers only for manufacture, testing, supply and delivery of the following items as per schedule detailed below: -

- **Name of the work:** Supply, Delivery, Installation, Commissioning of Six (06) Nos. 3 KVA Online UPS (3000VA/2700W) with 48 Nos 12V, 65 AH Batteries including buyback of 49 nos. of old 12V batteries at Nakashipara Division, WBSEDCL Super-Market, P.O. - Bethuadahari, P.S. - Nakashipara, Dist. Nadia, Pin - 741126 and within 30 KM radius i.e. at different CCCs under Nakashipara Division including 30 months' comprehensive warranty service.
- **Estimated Amount:** ₹ 4,00,000.00/- (Four Lakh Only)
- **Bid Guarantee / EMD:** ₹ 10,000.00/- (Ten Thousand Only)
- **Completion Time:** Within 30(Thirty) Days from receiving/accepting of formal order/ Award of Contract.
- **Warranty Period:** 30 (Thirty) calendar months from the day after the last installation date.
- **Concerned Office:** Nakashipara Divisional Office, WBSEDCL, Nakashipara Division, Supermarket, P.O.: Bethuadahari, Dist. Nadia, Pin 741126, Email: dm.nakashipara@wbasedcl.in

N.B: - **Offered quantity shall not be less than the minimum quantity as specified above within stipulated delivery period.** Intending bidders desirous of participating in the tender are to log on to the website <http://www.wbtenders.gov.in> for the tender. Bidders willing to take part in the process of e-tendering are required to obtain Digital Signature Certificate (DSC) in the name of person who will sign the tender, from any authorized certifying Authority (CA) under CCA, Govt. of India. After obtaining DSC from the approved Certifying Authority they are required to register the fact of possessing the Digital Signature Certificates through the registration system available in the website.

1. Tenders will be submitted online and intending bidders are to download the tender documents from the website stated above, directly with the help of the e-token provided. This is the only mode of collection of tender documents. Details of submission procedure are given in "Instructions to Bidders".

Date and Time Schedule

Sl. No	Particulars	Date and Time
1	Date of uploading of NIT & other Documents (Publishing Date)	03.06.2026 (11.00 AM)
2	Documents download start date (Online)	03.06.2026 (11.00 AM)
3	Bid submission starting date (Online)	03.06.2026(11.00 AM)
4	Documents download closing date (Online)	18.06.2026 (04.00 PM)
5	Bid submission closing date (Online)	18.06.2026 (04.00 PM)
6	Technical Bid opening start (Online)	22.06.2026 (02.00 PM)
7	Date of uploading list for Technically Qualified Bidders (Online)	To be intimated later
8	Financial Bid opening date (Online)	To be intimated later

Terms and conditions:

1. Earnest Money (EMD):

The following points shall be included in NIT floated through e-tender website:

(a) A bidder desirous of taking part in a tender invited by Officers of WBSEDCL shall login to the e-Procurement portal of Government of West Bengal <http://wbtenders.gov.in> using his login Id and password.

(b) The bidder shall select the tender to bid and initiate payment of EMD. Following payment options are available for paying EMD amount through online mode: -

I. Net-banking through payment Gateway.

II. RTGS/NEFT Payment: - On selection of RTGS/NEFT as the payment mode, the e- Procurement portal will show a pre-filled challan having the details to process RTGS/NEFT transaction. The bidder will print the challan and use the pre-filled information to make RTGS/NEFT payment using his bank account. Once the payment is made, the bidder will come back to the e-procurement portal to continue the bidding process after expiry of a reasonable time to enable the RTGS/NEFT process to be completed.

(c) General Instruction for Online Payment: -

- The bidder will have to mandatorily pay through Net-banking facility once Net- banking mode is opted for payment.
- Status of NEFT/RTGS payment through Challan for a bid may take time for bank settlement which is updated in 24 Hrs. (approx.). As such bidders opting to pay through NEFT/RTGS mode shall make payment well before 24 Hrs. to avoid any complicity.
- In case actual EMD amount as per NIT is more than the one shown in E-tender Portal, bidders will have to opt for NEFT/RTGS mode (challan mode). In that case the total actual EMD amount is to be paid only through NEFT/RTGS mode (challan mode).
- The bank account used for payment of EMD by the bidders shall be maintained operative until the completion of tendering process. All refunds will be made mandatorily to the Bank A/c from which the payment of EMD has been initiated.

(d) Refund /Settlement of EMD Amount: -

- For unsuccessful bidders, EMD amount submitted against the tender shall be refunded automatically, through an automated process, by NIC portal on receipt of updated status of any bid.
- For successful bid(s), EMD will be refunded from WBSEDCL authority after completion of tendering process and following due procedures.
- The bank account used for payment of EMD by the bidders shall be maintained operative until the completion of tendering process. All refunds will be made mandatorily to the Bank A/c from which the payment of EMD has been initiated.
- For any queries related to payment and refunds, bidders will have to communicate with ICICI Customer Support, viz, 033-40267512/13 since payment gateway facility used by E-tender portal is maintained by ICICI.

2. Eligibility criteria for participation in the tender:

a) Bonafide, experienced & resourceful contractors of Govt., Semi Govt., Govt. undertaking Organizations, Govt. Enterprises etc. who have successfully completed 1 no. similar nature of work having value not less than 50% (Fifty percent) of the estimated cost in a single contract or 2 no. similar nature of work having value not less than 30% (Thirty percent) of the estimated cost in 2 contract during immediate past five financial years i.e. Order of Supply of material and delivery must fall within the period from 2021-22 to 2025-26. Bidders shall submit copies of orders executed successfully for the relevant years and abstract thereof to prove the quantity as supplied.

b) All intending Bidders are required to produce valid copies of Professional Tax (PT) Clearance Certificate along with PAN Card / IT return as well as EPF, ESI, GST Registration Certificate (including HSN and SAC Code) & Certificate of compliance of statutory obligations (to be documented through e-filing).

3. **No agent** is allowed to participate in the tender except original manufacturers/ suppliers. Sub-letting of contract will not be allowed.

4. The bidder shall be either an Original Equipment Manufacturer (OEM) or an authorized certified partner of an OEM and having support center in the state of West Bengal preferably in Nadia District. Copy of certificate authorized by OEM / OEM certificate and documentary evidence for having support center in

- Nadia District, escalation matrix along with Experience in relevant areas to be submitted with completed Bid along with supporting documents.
5. **Security Deposit:** In respect of successful Bidder, the Earnest Money after acceptance of Tender shall be converted as a part of the Security Deposit. **WBSEDCL** reserves its right to take decision keeping its financial interest. The Purchase Policy of WBSEDCL along with the provision of Vendor Rating and Holiday listing, as effective from 01.09.2012 and subsequent amendment effective from 18.03.2013 will be applicable.
 6. **WBSEDCL** reserves its right to take decision keeping its financial interest. The Purchase Policy of WBSEDCL along with the provision of Vendor Rating and Holiday listing, as effective from 01.09.2012 and subsequent amendment effective from 18.03.2013 will be applicable.
 7. The offer shall remain valid for a minimum period of **180** days from the next day of opening of the tender.
 8. At the time of placing purchase order, the quantity mentioned in the Tender Document may vary up to $\pm 10\%$.
 9. Any evidence of unfair trade practices including over charging, price fixing, cartel etc as defined in various statutes, will automatically disqualify the bidders.
 10. WBSEDCL is not bound to accept the lowest tender and reserves the right to cancel any or all the tenders unilaterally.
 11. Any bidder against whom FIR /complaint is lodged with Police by WBSEDCL shall not be eligible to participate in the bidding process.
 12. **Dispatch:** The supplier after receiving dispatch clearance from the respective authority/ purchaser shall deliver the equipment / materials suitably packed to the store located under WBSEDCL as instructed.
 13. **Payment terms:** Work order and payment of work will depend on availability of fund. Intending bidders may consider these criteria while submitting the tender and quoting the rate through online.
 14. **LD:** Penalty of $\frac{1}{2}\%$ per week of delay or part thereof subject to maximum 5% of the order value will be charged on the bill for non-completion of the work on time.
 15. The successful bidder has to submit guarantee certificate along with at the time of delivery of the aforesaid materials.
 16. Other information as well as terms and conditions, which are not covered above which will be available in Instructions to bidders, general conditions of contract of this tender and revised purchase policy of the WBSEDCL.
 17. Neither prospective Bidder nor any of the constituent partners had been debarred to participate in any Tender by any Government Department/Semi-Govt./Govt. Undertakings/ Enterprise etc. during the last 5 (five) years prior to the date of this NIT. Such debarring will be considered as disqualification towards eligibility. **(A declaration in this respect has to be furnished by the prospective bidders).** [Non-statutory Documents]
 18. No conditional / Incomplete Tender will be accepted under any circumstances.
 19. The **FINANCIAL OFFER** of the prospective bidder will be considered only if the **TECHNICAL BID** of the Bidder is found qualified by the WBSEDCL. The decision of the WBSEDCL will be final and absolute in this respect. The list of Qualified Bidders of Technical Bid will be displayed in the website.
 20. No mobilization advance and secured advance will be allowed.
 21. All categories of prospective bidders shall have to submit valid copies of PAN Card, IT Returns for last three years, Trade License and GSTIN.
 22. The supplied materials have to be delivered at **Nakashipara Division Office, WBSEDCL, Super Market, P.O.- Bethuadahari, P.S.: Nakashipara, Nadia Dist. Nadia, Pin - 741126.**
 23. No extra delivery charges to be paid.

INSTRUCTIONS TO THE BIDDERS (ITB)

1. **General guidance for e-Tendering:**

Instructions / Guidelines for electronic submission of the tenders online have been annexed for assisting the bidders to participate in e-Tendering.

2. **Registration of Bidder:**

Any bidder willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement System of West Bengal, through logging onto <http://www.wbtenders.gov.in> (the web portal) the contractor is to click on the link for e- Tendering site as given on the web portal.

3. **Digital Signature certificate (DSC):**

Each bidder is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the Web Site stated in Clause 2 above. DSC is given as a USB e-Token.

4. **Downloading of Tender documents:**

The bidder can search & download N.I.T. & Tender Document(s) electronically from computer once he logs on to the website mentioned in clause 4 using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

5. **Participation in more than one work:**

A prospective bidder shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm, if found to have applied severally in a single job all his applications will be rejected for that job.

6. **Submission of Tenders:**

General process of submission: Tenders are to be submitted online to the website stated in Cl. 4 above. All tenders shall be of two part bids: (a) Techno-Commercial Bid and (b) Price Bid, which are to be submitted in separate Covers. The Bids shall be in triplicate.

A. Technical proposal

The Technical proposal should contain scanned copies of the following in three covers(folders).

A-1. Statutory Cover Containing two covers (folders)-(a) NIT (b) Annexure/forms.

(a) **NIT folder** containing Downloaded and uploaded copies (Digitally Signed) of

The following: -

- i. NIT
- ii. General conditions of contract and specification for works
- iii. Additional Terms & condition if any

(b) **Annexure/Forms Folder** containing

- i. Undertaking by the bidder (Annexure -I)
- ii. Letter of Bid for the work (Annexure -II)
- iii. Mandate Form by the Vendor for RTGS/ NEFT Payments (Annexure -III)
- iv. Manufacture's Authorization Form (MAF) (Annexure -IV)

A-2. Non statutory cover containing

(c) **Current Professional Tax (PT), Payment Certificate, Declaration of up-to-date GST return filing, Goods and Service Tax Registration no., PAN Card, Income Tax Return for last three Assessment Years i.e. 2025-26, 2024-25, 2023-24 and Trade License in respect of the prospective Bidder.**

(d) Credential of at least one similar nature of work under State/Central Government, State/Central Government undertaking, Statutory Bodies constituted under the statute of Central/State Government in a single contract in last five years. Scanned copy of Work Order and completion certificate, as stated in 3(a) of e-NIT.

B. Financial Proposal (in one cover/folder): it contains Bill of Quantities (BOQ). The rate to be quoted in the BOQ on "Item Rate" in the space marked for quoting rate. Quoted rate will be encrypted in the B.O.Q. under Financial Bid.

Note: -Failure of submission of any of the above mentioned documents (as stated in A1 and A2) will render the tender liable to summarily rejected for both statutory & non statutory cover.

THE ABOVE STATED NON-STATUTORY/TECHNICAL DOCUMENTS SHOULD BE ARRANGED IN THE FOLLOWING MANNER

"Click the check boxes beside the necessary documents in the "My Document list and then "click the tab "Submit Non Statutory Documents" to send the selected documents to Non- Statutory folder. Next Click the tab "Click to Encrypt and upload" and then click the "Technical" Folder to upload the Technical Documents (Statutory documents).

Sl. No.	Category Name	Sub-category Description	Details
01.	Certificates	Certificates	PAN Card. Copy of I.T. return for last 3 (three) financial years. GSTIN. Company Registration No. (If bidder is company). Professional Tax Clearance Certificate / Professional Tax (PT) deposit receipt challan, if any for the last month. Trade License Registered HSN/ SAC Code as applicable against quoted item.
02.	Company Detail(s)	Company Detail	
03.	Credentials	Credential	Requisite Credential Certificate for completed 1 no. similar nature of work having value not less than 50% (Fifty percent) of the estimated cost in a single contract or 2 no. similar nature of work having value not less than 30% (Thirty percent) of the estimated cost in 2 contract during immediate past five financial years i.e. Order of Supply of material and delivery must fall within the period from 2021-22 to 2025-26. Bidders shall submit copies of orders executed successfully for the relevant years and abstract thereof to prove the quantity as supplied.
04.	Financial Information	Financial Information	Copy of IT returns for last 3 financial years. Annual Audited Financial Report for last 3 years to be submitted for verification in respect of bidders for whom Audit of Accounts is mandatory. For whose Audits of accounts is not mandatory, they shall submit copy of IT returns along with related enclosures (Form 3CA and Form 3CB) for last 5 years. [Non-statutory documents]

A. Technical Proposal:

- i. Opening of Technical proposal: - Technical proposals will be opened by authorized representatives of WBSEDCL from the web site stated using their Digital Signature Certificate.
- ii. Intending tenderers may remain present if they so desire.
- iii. Cover (folder) statutory documents will be opened first & if found in order, cover (Folder) for non-statutory documents will be opened. If there is any deficiency in the statutory documents the tender will be summarily rejected
- iv. Decrypted (transformed in to readable formats) documents of the non-statutory cover will be downloaded & handed over to the authorized representatives of WBSEDCL
- v. Uploading of summary list of technically qualified tenderers:
 - (a) Pursuant to scrutiny & decision of the authorized representatives of WBSEDCL the summary list of eligible tenderers & the serial number of work for which their proposal will be considered will be uploaded in the web portals.
 - (b) While evaluation the authorized representatives of WBSEDCL may summon any of the tenderer & seek clarification / information or tenderer/s may be asked for producing original hard copy/s of any of the documents already submitted & if these are not produced within the stipulated time frame, their proposals will be liable for rejection.

B. Financial proposal:

- i) The financial proposal should be one cover (folder) containing bill of quantities (BOQ) the contractor is to quote the rate (Item rate basis) online in the space marked for quoting rate in the BOQ.
- ii) Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally Signed by the contractor.

7. RESPONSIBILITY OF BIDDERS:

- a. WBSEDCL will not assume any responsibility regarding information gathered, interpretations or conclusions made by the bidder or regarding information, interruption or deductions the bidder may derive from the data furnished by the WBSEDCL. Verbal agreement or conversation with any officer, employee of WBSEDCL either before or after the execution of the contracts, shall not affect or modify any of the terms or obligations contained in the contract.
- b. It shall be the responsibility of the bidders to determine and to satisfy themselves by such means as they consider necessary or desirable as to all matters pertaining to this contract including in particular all factors that may affect the cost, duration and execution of the works. It must be understood and agreed that such factors have properly been investigated and considered while submitting the bid.
- c. Claim, whatsoever, including those for financial adjustment to the contract awarded under these specifications and documents will not be entertained by the purchaser. Neither any change in time schedule of contract nor any financial adjustments arising thereof shall be permitted by the purchaser, which are based on the back of such clear information of its effect on the cost of the contract to the bidder.

- d. The bidder is expected to examine carefully all instructions, conditions, forms, schedules terms, annexure, specifications and drawings in the bidding document. Failure to comply with the requirements of bid submission will be at the bidders' own risk. Bids, which are determined to be not substantially responsive to the requirement of the bidding document, will be rejected.
8. **COST OF BIDDING:**
The bidder shall bear all cost associated with the preparation and submission of their bid and WBSEDCL in no case shall be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.
9. **CLARIFICATION OF BIDDING DOCUMENT:**
Should there be any discrepancy or obscurity in the meaning of any clauses of the bid document or if there be any query of the intending bidder, the bidder shall set forth in writing such discrepancies, doubt, obscurity or queries and submit the same to WBSEDCL, marked to the **Divisional Manager, Nakashipara Divisional Office, WBSEDCL, Nakashipara Division, Supermarket, P.O.: Bethuadahari, Dist. Nadia, Pin 741126, Email: dm.nakashipara@wbsecl.in** within the date specified for this purpose. The clarification given in the pre-bid discussion shall be final and binding on the bidder.
10. **BID PRICES:**
a. The bidder shall quote their price in the appropriate format in item rate.
b. The quoted price should be firm. There will be no price variation during the pendency of the contract period or thereafter. Bidders are in no way allowed to get any escalation of price against this contract.
c. Prices indicated in the schedule of prices deemed to include all the Levies/duties/taxes/cess & all other incidentals payable as per statute but excluding GST shall be paid extra as per statute.
11. **REFUND OF EARNEST MONEY DEPOSIT (EMD):**
The earnest money shall be retained initially for all bidders. Refund of earnest money of the unsuccessful bidders shall be made immediately after finalization/placement of order. In respect of successful Bidder, the Earnest Money after acceptance of Tender shall be converted as a part of the Security Deposit. Balance of necessary Security Deposit shall be submitted within 07 days from the acceptance of the LOA, as Demand Draft / Pay Order issued from any nationalized bank in favour of the "West Bengal State Electricity Distribution Company Limited", payable at Nakashipara considering that the total amount of Security Deposit is equivalent to 10% (Ten percent) of the value of the order.
12. **REFUND OF SECURITY DEPOSIT:**
The Security Deposit shall be released after satisfactory completion of Guarantee Period.
- PROCESS TO BE CONFIDENTIAL:**
i. After the opening of bids, information relating to the examination, clarification, Evaluation and comparison of bids, and recommendations concerning the award of contract shall not be disclosed to bidders or other persons not officially concerned with such process.
ii. Any effort by a bidder to influence WBSEDCL or other connected in the process of examination, clarification, evaluation and comparison of bids, and in decisions concerning the award of contract, may result in the rejection of his/their bid.
13. **TIME SCHEDULE**
The basic consideration and the essence of the contract shall be the strict adherence to the time schedule specified in the NIT.
14. **EVALUATION AND COMPARISON OF BIDS**
On examination of document submitted under different covers WBSEDCL will evaluate and compare the bid, determined to be substantially responsive at each step.
Evaluation of bid will include and will take into account:
Cost of construction/erection including taxes & duties etc.
The owner shall evaluate and compare only the bids determined to be substantially responsive.
The bids shall be evaluated on the basis of total price for the entire scope of work covered under this bid document.
Evaluated bid price of all bidders shall be compared among themselves to determine the lowest evaluated bid and as a result of this comparison, the lowest bid will be selected forward of contract.
Conditional rebate, if any, offered by any bidder shall not be considered in Bid evaluation.

15. TAXES, DUTIES AND OTHER LEVIES

- a. The contractor shall be solely responsible for the taxes that may be levied on the contractor's persons or on earnings of any office employee and shall hold the purchaser indemnified and harmless against any claims that may be made against the purchaser. The purchaser does not take any responsibility whatsoever regarding taxes under Indian Income Tax Act, for the contractor or his personnel. If it is obligatory under the provisions of Indian Income Tax Act, deduction of Income Tax at source shall be made by the purchaser.
- b. All other taxes/duties/levies/cess payable (excluding GST) by the bidder shall be included in the bid price and no claim on this behalf will be entertained by the owner.

16. LAWS GOVERNING CONTRACT

The contract shall be construed according to acts/laws in force in the country and shall be under the jurisdiction of Calcutta High Court.

17. LANGUAGE AND MEASURES

All documents pertain to the contract including specifications, schedule, notice, correspondences, operating and maintenance instructions, drawings or any other writings be written in English language. The metric system of measurement shall be used exclusively in this contract.

18. CORRUPT OR FRAUDULENT PRACTISE

WBSEDCL expects that bidders/contractors observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the owner defines for the purpose of this provision, the terms set forth below as follows:

“Corrupt practice” means the offering giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution, and

“Fraudulent Practice “ means misrepresentation of facts in order to influence procurement process of the execution of a contract to the detriment of the owner, and includes collusive practice among bidders (Prior to or after bid submission) designed to establish bid prices at artificial no-competitive levels and to deprive the owner of the benefits of free and open competition. WBSEDCL will reject a proposal for award if the owner determines that the bidder recommended for award has engaged in corrupt or fraudulent practice in competing for the contract in question. Will declare a Firm ineligible either indefinitely or for a stated period of time if owner any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

19. INSURANCE

The successful bidder on awarding of contract shall arrange, secure and maintain all insurances may be pertinent to the work and obligatory in terms of law to protect the interests of WBSEDCL against all perils. The form & the limit of such insurance together with underwriting in each case shall be acceptable to WBSEDCL. However, irrespective of such acceptance the responsibility to maintain adequate insurance coverage at all times during the period of contract shall be bidder's alone.

20. CORRECTNESS AND SUFFICIENCY OF RATES QUOTED IN THE TENDER

The bidder shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for work and the rates and prices stated in the schedule of works. The rates and price quoted shall cover all obligation of the bidder under the contract and all materials, labor etc. necessary for proper completion and maintenance of the work.

21. Penalty for suppression / distortion of facts

If any Bidder fails to produce the original hard copies of the documents (especially Completion Certificates and audited balance sheets), or any other documents on demand of the Tender Committee within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies or if there is any suppression, the tender committee will take actions deem fit against such defaulting Bidder. The Employer reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time the prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Employer's action.

22. AWARD OF CONTRACT:

The Bidder Who's Bid would be accepted will be notified by the authorized official through acceptance letter/Letter of award. The notification of award will constitute the formation of the Contract. The Agreement as per enclosed format in G.C.C. will incorporate all agreements between the Tender Accepting Authority and the successful bidder. All the tender documents including N.I.T. & B.O.Q. will be the part of the contract documents.

23. **AMENDMENT OF BIDDING DOCUMENTS:**

- a. At any time prior to the deadline for submission of bids, WBSEDCL may, for any reason whether at his own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by issuing amendments. Any such amendment shall be part of the bidding document.
- b. Such amendment(s) will be published on the same website mentioned above. Owner will bear no responsibility or liability arising out of non- pursuance of the same in time or otherwise by the bidder. In order to afford prospective bidders reasonable time in which to take the amendment in to account in preparing their bids, the owner may, at its discretion, extend the deadline for submission of bids. Such amendments, clarification etc. shall be binding on bidders and will be given due consideration by the bidders while they submit their bids and invariably enclose such documents as a part of the bids.

24. **PAYMENT:**

- a) 97% (Ninety-Seven percent) payment against GST invoice in triplicate will be made after making deductions, if any. Bills shall be submitted along with store receipt voucher, original receipted challan, guarantee certificate Consignment note/e-way bill as per GST Statute and other relevant documents reference to be indicated in the bill. The bills completed with all documents will have to be submitted by the successful bidder to the controlling officer.
- b) Balance 3% (Three percent) payment will be made within 45 (forty-five) days of submission of bills along with store receipt voucher after expiry of warranty period.

25. **GOODS & SERVICES TAX(GST):**

GST at prevailing rate will be paid extra.

26. **PAYING OFFICER:**

The Asst Manager (F&A), Nakashipara Division, WBSEDCL will be the Paying Officer for this work.

27. **CONTROLLING OFFICER:**

The Divisional Manager, Nakashipara Division, WBSEDCL shall be the Controlling Officer for the above mentioned work.

28. **CONSIGNEE OFFICER:**

The DE(IT&C), Nakashipara Division shall be the CONSIGNEE OFFICER for the above mentioned work.

29. **WAARRANTEE:**

In the event of any defect in the equipment/materials arising out of faulty design, materials, workmanship within a period of **30 (thirty)** months of commissioning from the date of last dispatch of any integral part of the equipment/materials whichever is earlier the supplier shall guarantee to replace or repair the same to the satisfaction of the purchaser. If the supplier fails to do so within a reasonable time, WBSEDCL reserves the right to effect repair or replacement by any other agency and recover charges for repair or replacement from the supplier.

30. **LIQUIDATED DAMAGE FOR DELAY IN DELIVERY:**

The time of delivery (successful offer for inspection) of the equipment/materials are to be treated as an essence of the contract and the WBSEDCL reserves the right to repudiate the contract, if the equipment / materials is not offered for inspection within scheduled delivery period and physically delivered within stipulated period as per physical delivery clause. But The Divisional Manager, Nakashipara Division, WBSEDCL may at his discretion waive this condition and accept the material with imposition of liquidated damage @ $\frac{1}{2}\%$ (**half percent**) of the value of the materials of the particular lot offered for every week or part of a week which shall elapse between the time prescribed or extended time as the case may be and the date of physically delivery of equipment / materials subject to a maximum of **5 % (five percent) of the particular lot and accept the goods beyond the stipulated period**. The Company may, without prejudice to any other method of recovery, deduct the amount of such damages from any money in their hand due or which may become due to the contractor and any other contract or source also. The payment for deduction of such damages shall not relieve the contractor from his obligation to delivery of equipment / materials or from any other his obligations and liabilities under the contract.

31. **LEGAL JURISDICTION: -**
If any dispute or difference arises with respect to quality/quantity of the equipment/materials pertaining to this order or any other terms and conditions of the order including its execution, such dispute/difference shall be subject to settlement under the jurisdiction of Courts in Kolkata.
32. **FORCE MAJEURE: -**
The supplier shall be under no liability if he is prevented from carrying out any of his obligations by reason of war, invasion, act of foreign country, hostilities (whether war declared or not), riots, civil commotion, mutiny, insurrection, rebellion, revolution, accident, earthquake, fires, floods Govt. order and/or restrictions (except power supply restriction) delay or inability to obtain materials due to import or other statutory restriction and other cause beyond the reasonable control of the supplier. However, such force majeure circumstances are to be intimated immediately and to be established subsequently with proper documents/proofs to the entire satisfaction of the purchaser.
33. **MANNER OF EXECUTION OF CONTRACT:**
The successful bidder has to submit acceptance/written acknowledgement of the LOI /Order within **10 (Ten) days** from the date of issue of the Letter of Intent / Order.
34. **EXTENSION OF TIME:**
An extension of time without imposition of liquidity damage, may be granted for delay in execution of work provided there is no fault whatsoever on the part of the contractor. Such extension may only be granted on the basis of application to be submitted timely (within schedule time of completion) by the contractor who has to establish that the extension of time required by him is not due to his fault.
35. **REPEAT ORDER:**
With due consent of the supplier the WBSEDCL may place repeat order within a period of six (6) months from the date of completion of delivery as per the order to cover approximately 50% of the ordered quantity on successful performance of the contract and on the need of the WBSEDCL, on the basis of existing rates, terms and conditions. The repeat order may also be placed within one year from the date of issuance of original order subject to successful completion of delivery as per the order to the extent of at least 75% of the quantity ordered.
36. **RISK PURCHASE:**
The time of delivery (offer for inspection) or physical dispatch stipulated in the purchase order shall be deemed to be of the essence of the contract and if the supplier fails to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch in the said purchase order/contract/letter of intent, the purchaser shall be entitled to purchase such consignment or if not available, the best and nearest available substitute elsewhere on the account and at the risk of the supplier or to cancel the contract and the supplier shall be liable to compensate for any loss or damage which the purchaser may sustain by reason of such failure on the part of the supplier. The Company at its discretion may not issue subsequent tender if earlier Purchase Order against earlier tender is not executed fully. If there is a failure to execute the contract fully, WBSEDCL reserves the right forfeit Earnest Money deposit/cash security to the extent of loss so suffered by the WBSEDCL on risk purchase or otherwise, and may deduct the additional amount, if any, so incurred by the Company from other claim / bill lying with the WBSEDCL.
37. **CANCELLATION / TERMINATION OF ORDER (if placed):**
The time period for effecting complete supply and delivery of the above materials/equipment as indicated through the delivery schedule enclosed shall have to be treated as the essence of the contract. The Company reserves the right to repudiate the contract if the above period is not strictly adhered to. In the event of failure in effecting the desired supply and delivery of the above equipment/materials within above stipulated due date as incorporated through the schedule enclosed, the above order may be canceled on submission of necessary notice in this regard and fresh order may be placed on the next higher bidder or on any other bidder, as a result of which the extra cost thus liable to be incurred shall be realized from the original supplier's pending bills which may be lying with the WBSEDCL.

Scope of Work [SW]

Supply, Delivery, Installation, Commissioning of Six (06) Nos. 3 KVA Online UPS with Battery Banks where each battery bank having 48 Nos 12V, 65 AH Batteries at Nakashipara Division, WBSEDCL, Super-Market P.O.: Bethuadahari, P.S.: Nakashipara, Dist. Nadia, Pin - 741126 and within 30 Km radius i.e. at different Customer Care Center including 30 months comprehensive warranty service. i.e. at different Customer Care Center under Nakashipara Division, WBSEDCL, including 30 months' comprehensive warranty service as indicated hereunder:

SW1. Supply, Delivery and installation of Items: -

Sl. No	Place of Installation & service	UPS to be installed	Battery bank to be installed	Remarks
1	Nakashipara Division, WBSEDCL, Super-Market P.O.: Bethuadahari, P.S.: Nakashipara, Dist. Nadia, Pin - 741126 and within 30 Km radius i.e. at different Customer Care Center including 30 months comprehensive warranty service.	6 Nos 3 KVA Online UPS	48 Nos 12V, 65 AH Batteries	Section-5 Technical Specifications "Guaranteed Technical Particulars of UPS and Batteries."

All UPS and Batteries should be of latest manufactured and with the same Make (applicable for same type of items), Type, Design and Rating manufactured by the factory during the same period, using the same process and materials.

1. Transport, on
1. Transport, on site supply, delivery, installation & commissioning of UPS and battery banks including accessories at the sites mentioned in above table.
2. The on-site Installation and Configuration of UPS and Battery Banks.
3. UPS and Batteries may be re-installed & re-configured without any extra cost to WBSEDCL if it is required during entire contract period.
4. Integration & tuning of the entire system for optimum performance and trouble free operation at each location.
5. Performance test run of the UPS and Batteries for fine tuning.

6. Warranty Service of the UPS and batteries to be performed during warranty period in all the locations.
7. Submission of OEM Certification indicating UPS and Battery serial Number.

SW2. Detail Technical Specification:

This specification covers design, manufacture, assembly of components, testing at manufacturer's works, packing, supply and delivery to site of UPS and Batteries and associated accessories for indoor installation. The UPS and Battery Manufacturer must have Manufacturing Unit in India and the UPS and Batteries must be manufactured in India. Unless otherwise specified, the equipment shall conform to latest applicable Indian standard of equivalent IEC, British or USA standard.

The bidder may visit the site to inspect the facilities for the installation of new UPS and Batteries.

Design and Constructional Features of the Batteries to be Purchased

GTP as mentioned in the Annexure-XIV (duly filled up by the bidder) needs to be uploaded by the bidder.

Type of Battery

The battery shall be Sealed Maintenance Free type with AGM (Absorbent Glass Mat) technology. JIS C8707 - Sealed Lead Acid Stationary Batteries (Valve Regulated type) and TEC G/BAT-01/02 Mar 2000 with latest amendments. Battery shall not require distilled water addition ever and shall suppress generation of hydrogen gas by means of such a system that the oxygen generated at positive plate is absorbed by negative plate by reaction in the battery.

Positive Plates of Batteries:

Antimony or Cadmium is not acceptable in positive plate alloy.

To ensure sufficient service life, there shall be sufficient number of Positive Plate with required surface area. Each positive Plate shall be rated not more than 10% of the total Rated Capacity of the battery.

Negative Plates of Batteries:

Negative plates shall be designed to match the positive plates and combination of positive and negative plates shall ensure long life with minimum lifetime of five years and trouble-free operation of battery. The negative plates shall be more than the positive plate.

Container and Lid of the Batteries:

Should be made from polypropylene co-polymer plastics. They shall be sufficiently robust and not liable to deformation under internal operating pressures and within the temperature ranges normally encountered. It should be leak-proof, non-absorbent and resistant to the acid with low permeability. The container and lid material shall be of FR GradeV0 Poly as per UL94. The container and Lid arrangement has to be 100% Leak Proof.

Racks/Trays of Batteries

Mild steel with powder coating with anti-corrosive paint including base channel plated foundation nuts, 4 bolts etc. The color of the Racks/Trays shall be as per available standard.

Terminals of Batteries:

Terminals shall be of integral lead terminal with solid copper core suitable for minimum M6 threading inter cell, inter module and inter stack. Bone inter cell connectors & terminals shall be suitably protected by transparent covers.

Plate Assembly of Batteries:

Copper terminal plate (for terminating cables) suited to support equivalent C3 discharge rate shall be provided.

Connectors:

All the connectors shall be lead plated copper connector. Connector shall be suitably lead coated to withstand corrosion due to sulfuric acid.

Seal of the Batteries:

TIG welding shall be done for post sealing. Additional Epoxy resin sealing shall be provided for double assurance against leakage. A certificate on the sealing and the leak rate limits must be enclosed.

Self-Discharge Rate of Battery:

Self-discharge rate shall be less than 0.5% of C10 capacity per week at 27 deg. C. The bidder shall provide spec sheet and test data results confirming the same.

Charging of the Batteries:

The tenderer shall specify lower optimum voltage to be maintained by chargers to maintain batteries in fully charged condition for minimum water loss and maximum battery life for the systems. The tenderer shall also specify freshening charge requirement if any, for optimum battery life.

Design Float Life Expectancy of the Battery:

Design life of the battery shall be around 20 years on float mode and at 27 deg. C. The bidder shall provide spec sheet confirming the same.

Designed Cyclic Life Expectancy of the Battery at 27 deg C:

Depth Of Discharge (DOD)	Minimum no of Cycles
20%	4000 Cycles
50%	1800 Cycles
80%	1400 Cycles

The bidder shall provide spec sheet confirming the same.

◆ Operating modes of UPS: On-line mode (normal operation, emergency operation and by-pass operation), Stand-by ON mode, Smart Active mode, Stand-by OFF mode.

- a. Battery shall be suitable for Constant Current Constant Voltage Charging.
- b. Nominal Float Voltage shall not exceed 13.5 V per cell @ 27 deg.C
- c. Recharging shall be done at normal float voltage.
- d. Charging current shall be 10% of the AH capacity of the battery and after 10 hours of discharge end cell voltage should be 11.6 V @ 27 deg. C.
- e. Battery shall not demand boost charging at any point of time during its operation.
- f. Battery shall not demand equalizing charge at any point of time during its operation.
- g. The Ampere Hour Efficiency shall be Minimum 90% and Watt Hour Efficiency shall not be less than 80%. **The bidder shall provide test data results confirming the same.**
- h. The internal resistance of each cell at fully charged condition shall not exceed 0.02 Ohms. **The bidder shall provide spec sheet confirming the same.**
- i. 100% cells shall be tested for leak free performance. **Vendor shall attach a copy of the test report along with the dispatch documents.**
- j. The vendor shall test the UPS and batteries for all parameters specified in this document (as mentioned in section 5, Technical Specifications) every year.
- k. The batteries should not have lost more than 20% of its initial capacity at the end of contract period i.e till end of warranty period.
- l. WBSEDCL may go for third party Testing of UPS and batteries if it desires so.
- m. The Vendor must submit factory test reports of UPS and batteries and test results during supply of the same. No materials will be accepted without test report.

Annexure - I

PROFORMA FOR UNDERTAKING TO BE SUBMITTED BY THE BIDDER

(For genuineness of the information furnished on-line and authenticity of the documents produced before Tender Committee for verification in support of his eligibility)

I, Partner /Legal Attorney /Accredited Representative of M/s.

.....solemnly declare that:

1. We are submitting Tender for the job/supply of.....
2. None of the Partners of our firm in relative of employees of.....
3. All information furnished by us in respect of fulfillment of eligibility criteria and qualification information of this Tender is complete, correct and true.
4. All documents/Credentials submitted along with this Tender are genuine, authentic, true and valid.
5. If any information and document submitted is found to be false/incorrect any time, department may cancel my Tender and action as deemed fit may be taken against us, including termination of the contract, forfeiture of all dues including Earnest Money and banning/ delisting of our firm and all partners of the firm etc.

Signature of the Tenderer

Dated.....

Annexure - II

LETTER HEAD OF BIDDER (AS ENROLLED ONLINE ON e-Tendering PORTAL OF NIC)

To

The Tender Committee

Sub: Letter of Bid for the supply of

.....
.....
.....

Ref: 1. NIT No:

Dated:

2. Tender Id No:

Dear Sir,

We offer to execute the work as per our offered bill of quantity in accordance with the conditions of the NIT document as available in the website. The details of the of the EMD being submitted by us has been furnished on-line.

This Bid and your subsequent Letter of Acceptance / Work Order shall constitute a binding contract between us. We hereby confirm our acceptance of all the terms and conditions of the NIT document unconditionally.

Signature of the Tenderer

Dated.....

Annexure - III

MANDATE FORM BY VENDOR FOR RTGS/ NEFT PAYMENTS (TO BE FIELD IN BLOCK LETTER)

1. NAME OF THE VENDOR :
2. ERP VENDOR NO:
3. Vendor Type: Company / Partnership / Proprietorship / Self Help Grp / HUF/Others (To be specified)
4. ADDRESS:
..... TELEPHONE NO. & FAX
NO:
6. MOBILE PHONE:
7. Email:
8. P.A.N. NO. (MANDATORY):

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9. GST REGISTRATION NO:
10. PARTICULARS OF BANK ACCOUNT (One canceled Cheque is to be enclosed)
 - i) Name of Account Holder:
 - ii) BANK NAME:
 - iii) BRANCH NAME & ADDRESS:.....
 - iv) BANK BRANCH TELEPHONE NO:.....
 - v) Account type (whether SB or Current):.....
 - vi) ACCOUNT NO:

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vii) BANK MICR CODE:

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viii) BANK IFS CODE:

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11. DECLARATION OF THE PARTY:

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or Not Affected at all for reasons of incomplete and incorrect information, WBSEDCL will not be held responsible.

Date:

Signature of the Vendor

Annexure - IV

Manufacture's Authorization Form (MAF)

Tender Reference No.& Tender ID. Date:

Dear Sir,

We (OEM) who are established and reputed manufacturers of
..... (Equipment) having Factories at and
..... confirms that, M/s. (Name and address of Bidder herein after
called as partner) wishes to participate the Bid or Project stated above and enter into agreement for the purchase and
resale of (OEM) Products and, Service. The Partner is entitled and authorized to the following.

- Resale, and/or distribute (OEM) products and/or services in India to end users within that Territory.
- Bid, negotiate and conclude a contract with for the above products/services manufactured or supplied by (OEM) (OEM) will, within the scope of its agreement with its authorized channels, provide product warranty services and technical support for (OEM) products obtained through its authorized channels for a defect liability period mentioned in the Tender document referred above, from the date of installation at (Work-site name). (OEM) certify that, the equipment being sold would not be declared End of Sale (EoS) within defect liability period and that (OEM) shall supply suitable substitute in case EoS of equipment. Also (OEM) certifies that the products being sold would be covered under Warranty/Technical Support and technical support will be available for defect liability period from the date of installation at (Work-site name).

If you need any additional information, please contact Mr./Ms. at
..... (Mobile No.) of (E-mail ID).

Yours faithfully,

Name of the person:
For and on behalf of M/s.

Designation:
Contract Details:
Date:
Place:
(Name of Original Equipment Manufacture- OM) (Seal of OEM)

Technical Specifications

Technical Specifications for Supply, Delivery, Installation, Commissioning of Six (06) Nos. 3 KVA Online UPS & 48 Nos 12V 65Ah Batteries with buy back of 49 Nos 12V Batteries. Installation Location : Nakashipara Division, WBSEDCL, Super-Market P.O.: Bethuadahari, P.S.: Nakashipara, Dist. Nadia, Pin - 741126 and within 30 Km radius i.e. at different Customer Care Center			Vendor compliance (YES/NO)
Sr.No	Specifications	3 KVA UPS	
1	Capacity (in kVA / kW)	3kVA/2.7kW (1-Phase Input / 1- Phase Output)	
2	Technology and Capability		
2.1	Online Double Conversion	True Online configuration with double conversion UPS & Zero transfer time.	
2.2	DSP Based System	DSP based control with advanced technology.	
2.3	Wide Input voltage Range	Wide Input voltage range from (100 ~ 280VAC)	
2.4	Auto Restart & Battery Independent	Auto restart capability with the Independent battery bank operation of the UPS.	
2.5	Designed Power Factor 1	UPS should be designed at Rated PF of 1	
2.6	Generator & Cold start compatibility	Generator compatibility with cold start and AC start features.	
2.7	Fully Rated Power (kVA=kW)	Fully rated power (kVA=kW) for maximum power availability.	
2.8	N+X Upto 4 Systems	Possibility of enhancing UPS capacity / redundancy by operating UPS in N+X Parallel. Redundant Configuration upto 4 units.	
2.9	PFC & Inverter Based Technology	UPS should have topology for both PFC (power factor correction) & inverter based technology.	
3	Model Name & Number		
3.1	3kVA /2.7kW	Model / Part No to be specified by the vendor	To be specified by the vendor
3.2	Make	Eaton\ Emerson\ APC\ Siemens\ Vertiv\ Toshiba\ ABB\ Socomec\ Delta\ Legrand\ microtek\numeric\ Smartline	Make and Model to be specified
4	Input		
4.1	Input facility -Phases / Wires	Single-Phase / 2-Wire & Ground (1Phase & Neutral + Ground)	
4.2	Nominal Voltage	200/208/220/230/240 VAC	
4.3	Nominal Voltage Range	200/208 (de-rating to 90%) : 100VAC~280 VAC 220/230/240 : 100Vac~280 VAC	
4.4	Nominal Input Frequency	50/60Hz ± 10Hz (Auto Selectable)	
4.5	Input Frequency Range	40 to 70 Hz	
4.6	Input Power Factor	> 0.99(full load)	
4.7	Generator Compatibility	Compatibility to gen-set supply required	
4.8	Input Protection	Should be provided at the input of the UPS suitable for the full rated capacity of the UPS.	
5	Output		
5.1	Nominal Output voltage	200/208/220/230/240 VAC	
5.2	Output Voltage Regulation	± 1% for linear load	
5.3	Nominal Output Frequency	50/60Hz ±0.05 Hz	
5.4	Output Frequency Regulation	± 0.1Hz	
5.5	Output Frequency Slew Rate	< 1Hz/sec	
5.6	Output Wave Form	Pure sine wave	
5.7	Output Voltage Distortion (THDu)	< 3% for linear load.	
5.8	Crest Factor	3:1 On Full Load (Minimum)	
5.9	Output Short circuit Protection	Electronic Protection	
6	Transfer Time		
6.1	Transfer Time (Mode of operation)	Zero ms from Mains mode to Battery Mode Zero ms from Battery Mode to Mains mode	
6.2	Transfer Time (Inverter to Bypass / Bypass to Inverter)	2~4ms	

6.3	Automatic Bypass switch	UPS should be capable of automatic change.	
7	Efficiency (At Nominal Voltage & Resistive Load up to kW rating of UPS)		
7.1	Overall Efficiency (AC to AC) - Online (Double Conversion)	Up to 95%(on 100% load)	
7.2	ECO Mode Efficiency	98%	
8	Overload		
8.1	Inverter Overload capacity	<105%for Continuous,<105~<125for 2Min,<125~<150for 30Sec	
9	Display Panel (In-built LC Display & LED)		
9.1	Measurements (On LCD)	Input: Voltage & Frequency, Bypass: Voltage & Frequency, Output: Voltage, frequency, Kilowatt & KVA, Battery: Remaining time & Battery Level Indicator, Load Percentage & Load Level Indicator, Ambient temperature.	
9.2	Fault Indication (On LCD)	Abnormal I/P,I/P Fuse blown, Rectifier Abnormal, BUS start abnormal, Battery start abnormal, BUS start abnormal in battery mode, +BUS voltage too high & low, -BUS voltage too high & low, Inverter O/P voltage abnormal, Overload shutdown, Charge voltage too high, Damaged Batteries, Battery missing, Battery voltage to low & Over temperature Protection.	
9.3	Indications (LED)	Green & Red (For output & Fault)	
9.4	Setable data through (LCD)	Inverter Voltage, Inverter Frequency, Frequency converter, ECO Mode, Overload alarm, Buzzer, Charging current, Battery Capacity, Battery String & Parallel ID	
10	Alarms		
10.1	Audible Alarms	Replace Battery, Overload warning & shutdown, High Temp, Low Battery, High Temp warning & shutdown	
11	Battery set (48 nos, 12 V , 65 AH)		
11.1	Backup Required	3 hours on full load	
11.2	Battery Bank Voltage	192 - 264VDC (adjustable)	
11.3	Batteries Type	Sealed Maintenance Free (SMF) - 12V Cells, VRLA, GEL	
11.4	Battery Makes	Amara Raja / Exide	To be specified by the vendor
11.5	Number of Battery Banks	Single Bank system.	
11.6	Minimum Charger Rating (Including internal / external)	The charger should be able to deliver charging current equivalent to 10% of Battery Ah rating offered.	
11.7	Charger type / Charging Method & Charging Voltage	Float Cum Boost Voltage Solid state SMPS charger	
11.8	Battery recharge time (After complete discharge) to 90% capacity	3hour to 90%	
11.9	Battery End Cell Voltage	1.75 V/cell	
11.10	Battery Housing (Vendor to provide the GA drawings of the offered Battery Rack)	Should be compact and space saving MS steel open racks complete with inter-connectors	
12	Restart / Testing Capability		
12.1	Cold Start	UPS should start up On AC Supply (Mains) without DC Supply (Batteries) On DC Supply (Batteries) without AC Supply (Mains)	
12.2	Automatic Restart	UPS should start up automatically on mains resumption after battery low shutdown	
12.3	Self-Diagnosis	UPS should be capable to carry out self-test of Rectifier / Charger /Battery& Inverter module during start-up	
13	Interfaces		

13.1	Serial Communication RS232 Port	RS232 Port must be provided as standard in the UPS.	
13.2	Availability of USB port	Provision for USB port must be available in the UPS.	
13.3	Availability of REPO port	Provision for REPO port must be available in the UPS.	
14	Physical		
14.1	Normal Operating Temperature	0 to 40 deg C	
14.2	Storage Temperature	-15 to 50 deg C	
14.3	Operating Humidity	5% ~ 95%RH (No Condensing)	
14.4	Operating Altitude	0-1000m	
14.5	Type of Cooling	Forced Air	
14.6	Noise Level should reduce with Load	< 50 dbA at 1 meter distance	
14.7	Air Filters	UPS should have internal anti-corrosion air filters for dust filtration	
14.8	Reliability	MTBF greater than 100000 hours	
14.9	Standard Package of UPS to include the following minimum accessories	<ol style="list-style-type: none"> 1. UPS 2. Parallel Cable 3. USB Cable 4. CU Terminal_ Type A 5. CU Terminal_ Type B 6. CU Terminal_ Type C 7. Battery Terminal Box 8. Battery Terminal Box Cover 9. Screw for Battery Terminal Box Cover 10. Cable Tie 11. User Manual 	
14.10	Grounding	UPS should have grounding arrangement.	
15	Old Battery buy back specification	100 AH X 41 Nos. (AMARON QUANTA) 65 AH X 08 Nos. (EXIDE)	
16	Certifications		
16.1	Manufacturer	QMS (Quality Management System): As per ISO 9001: 2015 EMS (Environmental Management System): As per ISO 14001: 2015 OSHAS (Occupational health and safety management systems): As per ISO 5001:2018	
16.2	ROHS compliance (Restriction of Hazardous Substances)	UPS must be ROHS compliant	

