



आईटीआई लिमिटेड
नेटवर्क सिस्टम्स युनिट
सामाग्री प्रबंधन विभाग
एफ - 100, पश्चिम विंग
दूरवाणीनगर, बेंगलूरु - 560 016, भारत
फोन : +91 (80) 2566 0508
ई.मेल : materials_nsu@itiltld.co.in
ISO 9001 : 2015 प्रमाणित युनिट

ITI LIMITED

**Network Systems Unit
Materials Management Dept.**

F-100, West Wing,
Doorvaninagar, Bengaluru - 560 016, India
Tel : +91 (80) 2566 0508
E-mail : materials_nsu@itiltld.co.in
ISO 9001: 2015 Certified Unit



ITI Web-Site/ Govt. Portal

ENQUIRY

NSU 4H 40H

DATE 11 09 2024

Dear Sir / Madam, please quote your best price and delivery for supply/service of the following item/s,

Sl.No.	Item Description as per Technical Specifications
1	Supply, Installation and Commissioning of Online UPSs and Inverters (As per Annexure A).
	Please refer following enclosures before submitting tender: Annexure A: Quantity Annexure B: General Terms & Conditions for submission of Tender Annexure C: Tender Document Annexure D: Price Bid

Special Note: Please refer tender document vide Ref. No. ITI/NSU/ASCON-4/Power/ONLINE UPS & INV dtd. 11-09-2024

Tender Due Date	03/10/2024, 14:00 Hrs	Tender Opening Date	03/10/2024, 15:00 Hrs
Tender Opening Venue	Materials Management Dept., N.S. Unit, I.T.I. Ltd., Dooravaninagar, Bengaluru- 560 016		
Scope of Work	As per tender document ITI/NSU/ASCON-4/Power/ONLINE UPS & INV dtd. 11-09-2024		
Delivery	As per tender document ITI/NSU/ASCON-4/Power/ONLINE UPS & INV dtd. 11-09-2024		
Terms of Payment (TOP)	As per tender document ITI/NSU/ASCON-4/Power/ONLINE UPS & INV dtd. 11-09-2024		
Performance Bank Guarantee	As per tender document ITI/NSU/ASCON-4/Power/ONLINE UPS & INV dtd. 11-09-2024		
Loading for TOP	Loading will be done @10.5% for those who do not comply to ITI terms of payment.		
Compliance	Point-wise compliance to each item/ Clause mentioned in Tender Document.		
Validity of the offer	180 days from the last date of submission of Bid Tender Fee: Rs. 5,900.00/-(incl. GST)		
Earnest Money Deposit	As per tender document ITI/NSU/ASCON-4/Power/ONLINE UPS & INV dtd. 11-09-2024 /Valid MSE certificate along with Bid Securing declaration. The EMD is normally to remain valid for a period of 45 days beyond the final bid validity period.		

All other terms and conditions as per Tender Document vide Tender refer No: ITI/NSU/ASCON-4/Power/ONLINE UPS & INV dtd. 11-09-2024

**Note: Offers should be submitted online as per tender documents.
For submission of online Bid & Procedure to be followed visit
(<https://itilimited.ewizard.in>)**

All Vendors have to register in website & pay the tender processing fee if required:(<https://itilimited.ewizard.in>) for submitting online BID.

For ITI Ltd., N S Unit,

Sanjay
11/09/24

Addl. General Manager (MM)-NS

पंजीकृत एवं निगमित कार्यालय : आईटीआई भवन, दूरवाणीनगर, बेंगलूरु - 560016, भारत फोन : +91 (080) 2561 4466, फैक्स : +91 (080) 2561 7525

Registered & Corporate Office : ITI Bhavan, Doorvaninagar, Bengaluru - 560016, India Phone: +91(080) 2561 4466, Fax: +91(080) 2561 7525

TIN : 29980058837 GSTIN : 29AAACI4625C2ZU CIN : L32202KA1950GOI000640 Vist our Website : www.itiltld.in

Annexure A

The required capacities of Online UPS and Inverters are as follows:

Sl.No	Item description	Quantity	Requirement
1.	5 KVA Online UPS with Lead acid batteries	212	Static sites
2.	5 KVA inverter with Lead acid batteries	213	Static sites
3.	1 KVA Online UPS with SMF batteries	46	On Mobile vehicle
4.	800 VA Online UPS with SMF batteries	20	On Mobile vehicle
5.	5 KVA Online UPS with SMF batteries	60	On Mobile vehicle
6.	30 KVA (1+1) Online UPS with Lead acid batteries	02	Static sites

**GENERAL TERMS AND CONDITIONS FOR SUBMISSION OF TENDER (INLAND)****ENCLOSURE TO ENQUIRY No. NSU 4H 40H DATE: 11.09.2024****1. PRICES:**

- (a) ITI Ltd., is planning to have long term tie up with limited vendors, who can supply the item with good quality, prompt delivery and at lowest price. Hence, you may quote in such a way that a long-term relationship is possible.
- (b) Prices must be per unit as called for in the enquiry and should be on FOR ITI/FOR destination basis as the case may be and inclusive of Insurance charges.
- (c) ITI Ltd., under normal circumstances, may not negotiate for the price. Hence you are requested to quote your best price in the original quotation itself.
- (d) Any counter terms and conditions are not binding on us unless ITI Ltd., agree to the same in writing.
- (e) In case of an order issued on you, the ordered rate should be firm till the completion of the order. In case where the market prices are going down beyond 5% of the ordered rate or decrease in the statutory levies, the same should be passed on to ITI Ltd.
- (f) Vendors should deliver the materials to ITI Ltd., Stores/the destination as mentioned in the P.O. ITI Ltd., will not take the responsibility of clearing the goods from the carriers godown/office/Railway Station/Airport, etc.
- (g) If the supplier supplies the same item at a lower rate to any of their customers during the pendency of execution of ITI Ltd., Purchase Order/ Order Amendment, the supplier should voluntarily come forward and reduce the price.
- (h) The validity of your offer should be for a minimum period of (As main sheet No. NSU 4H 40H) from the date of opening the tender.
- (i) Any Plant/division of ITI reserves the right for placement of Repeat Order if required within one year of original PO date.

2. TERMS OF PAYMENT:

- (a) Payment will be made for the accepted quantity/services as per Main sheet NSU 4H 40H from the date of receipt of the material / services at our Stores / Destination.
- (b) No payment will be made for the rejected quantity.
- (c) In case you fall under SSI as per DIC, please mention the same in all your quotations / invoices indicating also the certificate number. This is essential if in the unlikely event of delay in payment, you would like to claim preferential payment as an S.S.I

3. INSPECTION: :(As per Enquiry NSU 4H 40H)

- (a) ITI reserves the right to split the purchase order among the vendors who are capable of meeting the Quality, Delivery and Cost requirements. Preference will be given to the vendors with well-maintained and proven Quality Assurance.
- (b) We are planning to reduce inspection time with self-certification scheme for the vendors who keep up good quality leading to "ship to stock system".
- (c) Inspection of the material at our works/site will be final. ITI reserves the right to inspect the material at any other standard testing centre authorised by us.
- (d) We or our representative including our customer may if required preliminarily inspect the product at vendor's premises. Such verification shall not absolve the vendor of the responsibility to provide the acceptable product nor shall preclude subsequent rejection during the final inspection at our works/site. It is the responsibility of every vendor to ensure that only the inspected materials conforming to our specifications / drawings / requirements are supplied.
- (e) The supplies shall be from the latest batch of production. Batch Number should be indicated on the item/ packet / test certificate and accompanying delivery challan / test certificate.
- (f) Test Certificate/check list should accompany each supply. Consignments without test certificate, if asked for, are liable for rejection. Rejected material should be collected immediately (within 30 days) after our intimation by giving two days' prior notice for completing the necessary excise formalities. You should make arrangements to collect the material either personally OR through your authorized representatives. ITI does not take any responsibility to send the material back to you. After 90 days from the date of rejection intimation to you the material will be scrapped at your risk if not collected.

4. SAMPLES:

Those tenderers, who have not supplied the material against any of earlier orders, should submit FREE SAMPLES clearly indicating enquiry reference. Free samples along with your offer is preferable. In case of a Purchase Order on you, bulk supply should commence only after approval of samples and other approval formalities including infrastructure clearance.

5. WARRANTY:

ITI Ltd., is an ISO accredited company. All our equipment systems have a warranty as per Enquiry No NSU 4H 40H from the date of despatch to our customer. Hence, the warranty of your products should be as per Enquiry No NSU 4H 40H from the date of supply if not specified explicitly. Within this warranty period, if any of your components/subsystem is found defective during our manufacturing process/system testing/installation & commissioning/operation of our equipment in the field, the same is to be replaced free of cost immediately by you. Warranty specified in the P.O. to be reckoned as final.

6. GENERAL:

- (a) We reserve the right to accept or reject any or all offers and to order full or part quantities or cancellation thereof without assigning any reason whatsoever.
- (b) Successful tenderer only will be intimated by post through letter of intent / firm orders.
- (c) Canvassing by tenderers in any form including un-solicited letters against tenders submitted or post-tender corrections shall render their tenders liable for summary rejection.
- (d) Any Plant/division of ITI reserves the right for placement of Repeat Order if required within one year of original date.

7. DELIVERY SCHEDULE:(As per Enquiry NSU 4H 40H)

- (a) Please indicate minimum lead-time required, manufacturing capacity and the quantity that can be reserved for us.
- (b) **Liquidated Damages Clause:** Time is the essence of contract and the materials, against an order arising out of this enquiry must be delivered by the supplier according to the delivery schedule indicated in the P.O. In case of any change, the supplier should inform us in advance and obtain our approval to the revised delivery schedule. Should the supplier fail to deliver the material or part thereof as per the delivery schedule or any extension thereof, we shall be entitled at our option either to recover from the supplier as penalty a sum equivalent to 0.5% per week (fractions of a week will be considered as one week) for such delay or part thereof of the item delayed (subject to a maximum of 10% of purchase order value) and purchase the material elsewhere at the risk and cost of the defaulted suppliers.

8. LOCAL REPRESENTATION:

Please indicate your local representative's address, telephone, Fax No., of the person to be contacted, in the offer.

9. TECHNICAL CATALOGUE:

The Technical Catalogue in English should be submitted. In the event of any change in the technical catalogue, updated version may be sent to us immediately. It is essential that you simultaneously take up the same with approval authority and their approval copy sent to us.

10. GOVERNING LAW:

All suits shall be instituted in a court of competent jurisdiction at Bangalore and in case of arbitration, the Indian Arbitration Conciliation Act, 1996 is applicable.

Lendhy
11/09/24

Additional General Manager-MM(NS)

Annexure C



ITI LIMITED

Network System Unit

(A Govt. of India Undertaking)

Dooravaninagar. P.O. Bengaluru – 560 016

Tel: 080 - 28503639, Fax: 080 – 28503653

www.itilttd.in

udhayanavvs_crp@itilttd.co.in

TENDER FOR SUPPLY, INSTALLATION AND COMMISSIONING OF ONLINE UPS AND INVERTERS

[TWO BID SYSTEM]

(Technical Bid & Finance Bid)

Tender for Supply, Installation and Commissioning of Online UPS and Inverters

1. Introduction

ITI Limited, a Public Sector Undertaking under the Department of Telecommunications, Ministry of Communications, is a leading Telecom equipment manufacturer and device provider in India. The major customers are BSNL, BBNL, MTNL, Defense, Paramilitary forces, Railways, Banks, Central & State Govt. departments, Institutions and research organizations. ITI has a pan India business footprint supported by the network of its Manufacturing units & MSP (Marketing, Services and Project) units at various locations.

ITI Limited has been undertaking various projects in all fields of telecommunications and information technology and also continuously deploying new technologies in the field of Telecom, ICT, Networking, e-Governance etc. ITI has diversified its operation and has been executing Turnkey projects in the field of Smart Infrastructure, Bharat net, and Defense Network Rollout etc.

2. General terms & conditions information

NAME OF WORK: This Tender is being floated for Supply, Installation and Commissioning of “Online UPS and Inverter with 1-hour Battery Backup.”

SLNO	DESCRIPTION	INFORMATION
1	REFERENCE NO. OF TENDER DOCUMENT	Ref: ITI/NSU/ASCON-4/Power/ONLINE UPS & INV Dated 11.09.2024
2	DATE OF UPLOADING OF TENDER DOCUMENT	11.09.2024
3	MODE OF SUBMISSION OF TENDER	https://itilimited.ewizard.in/
4	LAST DATE & TIME FOR SUBMISSION OF BIDS	03.10.2024 AT 14.00 Hrs
5	DATE & TIME OF OPENING OF TECHNICAL BIDS	03.10.2024 AT 15.00 Hrs
6	OPENING OF FINANCIAL BIDS	WILL BE INTIMATED LATER
7	TENDER FEE	Rs. 5,900.00/- (including GST)
8	EARNEST MONEY DEPOSIT (EMD)	Rs. 4,91,000.00/- (Interest free EMD has to remain valid for a period of 45 days beyond the final bid validity period)
9	FINANCIAL TURNOVER	Rs. 1,47,30,000.00/- (Average of last 3 financial year)
10	ADDRESS FOR BID SUBMISSION	https://itilimited.ewizard.in/

Signature of the Bidder with stamp & date

Tender for Supply, Installation and Commissioning of Online UPS and Inverter



12	VALIDITY	180 days from the last date of submission of bid.
13	PERFORMANCE BANK GURANTEEE	5% of Order Value, valid throughout warranty period + 60 days
14	LEAD TIME FOR SUPPLY	Within 4 weeks from the date of request in a staggered manner or else LD will be applicable.
15	ESCALATION	NIL
16	CONTACT PERSON	AGM MM -For queries: materials_nsu@itilttd.co.in , udhayanavns_crp@itilttd.co.in For Technical queris: krkannan_nsu@itilttd.co.in
17	ESTIMATED COST	Rs. 4,91,00,000.00/- (Including GST)
18	WARRANTY	Warranty of the supplied equipment shall be for 03(three) years from the date of delivery.

***Note:** The estimated cost is excluding AMC charges of ONLINEUPS and Inverter. For AMC charges refer clause 11.

Material Delivery Address:

Materials should be delivered at any location across India majorly concentrated in Northern, North-Eastern and Western parts of India, without any extra cost. Final delivery schedule will be shared after release of final PO to successful Bidder.

3. The tenders are invited in **TWO BIDS**, consisting of **Technical Bid** as per **ANNEXURE-1 & ANNEXURE-18** and **Price/Commercial Bid**.

Tender Bid [Technical Bid]

Documents to be uploaded by the Bidder (Please upload supporting documents wherever required & applicable)

Checklist				
Sl. No.	Description	Compliance Documents to be uploaded	Attachments	
			Yes	No
1.	Tender fee documents for submission/bidding of tender (If required as per tender fee)			
2.	Technical Bid [Part-A (BoQ) & Part-B (Technical specification)]	As per ANNEXURE-1		
3.	Technical Compliance Sheet	As per ANNEXURE-12		
4.	Documents in support of submission of EMD or MSEs with Undertaking for “BidSecurity Declaration Form”	As per ANNEXURE-2		
5.	Company Profile			
6.	GST & PAN registration certificate			
7.	Copy of Power of Attorney of authorized signatory of the bid on stamp paper duly notarized			

Signature of the Bidder with stamp & date

Sl. No.	Description	Compliance Documents to be uploaded	Yes	No
8.	Financial turnover for the last three years certified by the Chartered Accountant with registration number	As per ANNEXURE-3		
9.	Work completion certificate/Experience during the last Seven years	As per ANNEXURE-4		
10.	Self-declaration for not having any litigation history			
11.	All the pages of tender documents stamp signed/ digitally signed			
12.	Product Data Sheet / Brochure of ONLINEUPS 5 KVA, Inverter 5 KVA, ONLINEUPS 1 KVA, ONLINEUPS 800 VA and ONLINEUPS30 KVA.			
13.	Signed Pre-contract Integrity	As per ANNEXURE-5		
14.	Mutual Non-disclosure agreement	As per ANNEXURE-6		
15.	Compliance to No Variance/Deviation In Bid	As per ANNEXURE-7		
16.	Undertaking that the Bidder has not been Blacklisted/ Debarred	As per ANNEXURE-8		
17.	Affidavit for proprietary/partnership deed/article of association			
18.	Single point of contact (SPOC) details for Official communication (Name, Mobile no., Email id, Address).			
19.	Income Tax Return for the last three financial years			
20.	Tentative Delivery Schedule	As per ANNEXURE-9		
21.	OEM Authorization Certificate			
22.	Annual Maintenance Contract for ONLINEUPS and Inverter	As per ANNEXURE-10		
23.	Undertaking for “Declaration of Bidders”	As per ANNEXURE-11		
24.	Technical-Bid (Fill & upload separately)	As per ANNEXURE-13		
25.	Undertaking from OEM- “IT Act 2000” (No 21 of 2000).	As per ANNEXURE-15		
26.	Undertaking from OEM-“Non-malicious code certificate”.	As per ANNEXURE-16		
27.	Undertaking from OEM- “Country of Concern”.	As per ANNEXURE-17		

Note: Bidder has to take notice of the above points and checkmark Yes / No. The checklist shall be placed in the technical bid. The bidder is expected to examine and comply all requirements, terms and conditions of the tender. Failure to furnish required information in every respect or non-submission of necessary proof and relevant document of EMD amount may lead to rejection of the bid.

Signature of the Bidder with stamp & date

Financial BID [Price/Commercial Bid]

The **Price/Commercial Bid** consists of a document with the rate quoted in figures and words in Online uploaded quoted sheet as per **Annexure D**. Incomplete price -bids is liable for rejection.

- i. Bidder /Firms who fulfill the requirements as mentioned in this tender document shall be eligible to apply.
- ii. Bidder can upload documents in the form of PDF format only.
- iii. Bidder must ensure to quote rate items separately as per format given in **Financial Bid A&B**.
- iv. If any cell is left blank and no rate is quoted by the bidder, Rate of such items shall be treated as rupees "0" (ZERO) or rejected for Bidding.
- v. The eligibility documents shall be opened first for technical bid on due date and time as mentioned above. Financial evaluation of Bidders/Firms who qualified in technical evaluation will be opened on the later date.
- vi. ITI Limited reserves the right to reject any or all the tenders without assigning any reason thereof.
- vii. The rates will be submitted as per the financial bid. Financial bid in another format shall be liable to be rejected. In case, if the bidders do not submit any tender relevant document as mentioned in Technical Bid, his bid will be outright rejected and bid will not be considered for further evaluation.
- viii. As the items will use in Defence Project therefore only Non-Chinese items will be accepted. Bidder shall also submit the undertaking for supply of Non-Chinese items (Undertaking format is given in relative Annexure in tender document).
- ix. The successful bidder will supply Online UPS and Inverter of each capacity with suitable batteries with one-hour backup for PoC on No Cost-No Commitment (NC-NC) bases at desired location (Delhi). Also, the capacities/ratings with quantity mentioned in Part-B may be taken (if required) at later stage, has to undergo PoC at later stage.
- x. **GOVERNMENT LAW:** - All suits shall be instituted in a court of competent jurisdiction at Delhi and in case of arbitration; the Indian Arbitration Conciliation Act 1996 is applicable. Tender documents shall be filled, signed and submitted/Uploaded in original.

Note:

- Tenders not submitted on time will not be considered and will be summarily rejected. Tender documents shall be filled and submitted in original all pages of tender documents to be sealed and signed/digitally signed [Submitted along with the technical bid].
- The conditional tender will not be considered and will be summarily rejected.
- There shall not be any financial quote in the Technical Bid, if it is added then said bid will be summarily rejected.

Signature of the Bidder with stamp & date

4. ELIGIBILITY CRITERIA FOR THE BIDDERS

I. **Company Profile:**

- Profile of the Bidder indicating the name of the Company/Organization, address, communication details (mobile numbers, landline numbers, fax numbers, e-mail ids for correspondence), name of the contact person, designation of the Bid submission authority.
- The Bidder shall be a Company incorporated /registered in India under Companies Act 1956/2013/ proprietorship/ partnership firm/ Limited Liability Partnership (LLP).
- Bidder shall have experience of working with CPWD, Railways, Defense, Department of Post, State PWDs, State/Central PSUs and Semi-Government Organizations in the same field.

II. **WORK EXPERIENCE:**

Bidder should have relevant experience in the field of Supply, Installation and Commissioning of Online UPS and Inverter both with Battery backup and its maintenance and should have experience of having completed similar works during the last 3 (three) years ending 31st June 2024 as indicated below.

- a. Three similar works each costing not less than 40% of the estimated cost put to tender **or**
- b. Two similar works each costing not less than 50% of the estimated cost put to tender **or**
- c. One similar work costing not less than 80% of the estimated cost put to tender.

Similar works mean Supply, Installation and Commissioning of online UPS and Inverter with battery backup and its maintenance. The experience in similar nature of work should be supported by certificates issued by the client's organization. The bidder has to submit Letter of work order for Completion certificate.

Work Experience certificate:

Bidder shall submit the work experience certificate as per format given in **ANNEXURE-4**.

In case bidder submits work experience certificate issued by private companies/entities, the bidder shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, in support of work experience certificate. PO details, completion certificate.

III. **FINANCIAL STRENGTH:**

The average annual financial turnover on Supply for the last 3 years shall not be less than 30% of the estimated cost. The requisite Turnover shall be duly certified by a Chartered Accountant with his seal/Signatures and registration number as per format given in **ANNEXURE-3**.

- The Bidder shall submit Audited financial statements for last three years by CA.

5. EARNEST MONEY DEPOSIT (EMD)

As specified in the tender/enquiry and tender document fee shall be payable with the bid. EMD to remain valid for a period of 45 days beyond the final bid validity period. Micro small Enterprise (MSE) Organizations, Startups are exempted from EMD and tender fee. But bid securing declaration form need to be submitted.

This shall be paid well in advance of tender submission time through DD/ Bank Guarantee / e-Wizard Payment gateway in favour of ITI Ltd, N.S. Unit, Bangalore-560016. The Bank details is attached as **ANNEXURE-18**. Proof/receipt of payment of cost of EMD to be uploaded.

Note: The DD no. /Bankers pay order no. Shall be indicated on the letter head along with a scanned copy of the above payment must be uploaded during tender submission.

The EMD may be forfeited:

- If a bidder withdraws the bid after bid opening during the period of validity.
- The information provided by the bidder is found to be false/forged document have been provided. This will entail black listing of the tender also.

IN CASE L1 BACKS OUT: in case The bidder withdraws during the technical evaluation and before financial bid opening, still the technical bid of such bidder will be evaluated and in case such bid in technically suitable and happens to be L-1, then also the tender has to be discharged and EMD of the bidder will be forfeited.

Return of Earnest Money deposit: No interest shall be allowed on the Earnest Money deposit by the Bidder. The earnest money of the unsuccessful bidder will be refunded on their request after the finalization of the contract within 60 Days.

The Earnest Money deposited by the successful bidder will be returned on submission of PBG for the fulfillment of the contract.

EMD shall be forfeited if the Bidder fails to submit the Performance Bank Guarantee within 30 Days (i.e. 5% of the Order value – the requisite security deposit).

6. PERFORMANCE CUM WARRANTY BOND:

PBG for supply and testing etc. will be submitted by Bidder in the form of Performance Bank Guarantee (PBG) equal to 5% of the Purchase order value through the scheduled bank of India in favour of ITI.

PBG to be submitted by successful bidder awarded the PO as per above to ensure due performance. PBG has to be furnished within 15 days from the date of issue of PO and should remain valid for a period of 60 days after the completion of 3 years' warranty obligation of the Bidder.

If the PBG validity is going to expire before completion of project (i.e. before obtaining NOC/Commissioning Certificate), it will be obligatory on bidder part to extend the PBG validity period accordingly.

No interest shall be allowed on the PBG by the Bidder.

Bidder shall submit performance bank guarantee bond as per **ANNEXURE-14**.

Bidder shall submit separate PBG for AMC at the time of award of AMC contract PO.

7. LIQUIDITY DAMAGES (LD) CLAUSE:

LD shall be as per ITI Clauses (@ 0.5% of order value per week or part there of subject to a maximum of 10% of the undelivered portion/ the order value (if the item(s) cannot be used unless full supply is made) or to cancel the order and purchase the materials from alternative source at the risk and cost of the supplier) OR as per the end customer PO/tender clause whichever is higher.

The timelines for completing the work shall be as defined in the P.O. released to the successful bidder and any delay shall trigger LD clause as mentioned above.

Delay attributed to Force Majeure or enhancement in the scope of work by the way of modification or delay on the part of ITI in the clearing the site, furnishing of clarification, Supply of ITI materials etc. shall not attract LD.

8. PAYMENT TERMS AND CONDITIONS:

- a) Delivery of the material shall be lot wise (maximum 10 lots). The last Lot will be 31st December 2025.
- b) For each lot, ITI will issue a Release Order confirming the quantity to be supplied consignee-wise at respective sites as delivery plan shared by ITI.
- c) Payment will be lot wise. Payment terms for each lot are as given below:
 - 80% of payment from the date of delivery (Lot wise). Certificate of receipt of material indicating date of delivery, will be issued by ITI after receipt of ordered materials at site and physical verification between M/s ITI Ltd & Bidder at site.
 - 20% of the payment after Installation and Commissioning of Online UPS and Inverter.

9. SPECIAL TERMS AND CONDITIONS:

Bidder shall submit the following documents with the bid:

- (i) Bidder shall Supply the Material not manufactured in 'Country of Concern' and submit the Undertaking from OEM stating that:

Final delivery/supply of equipment/cards as part of Project "Customer project name" including spares / maintenance equipment to be provided during the warranty and AMC period will be Non- 'Country of Concern' for "Customer project name." It should be submitted mentioning all the ratings of Online UPS and Inverters to be offered as well as Part-C items (either separately or in one undertaking).

(ii) The required capacities of Online UPS and Inverters are as follows:

S.No	Item description	Quantity	Requirement
1.	5 KVA Online UPS with Lead acid batteries	212	Static sites
2.	5 KVA inverter with Lead acid batteries	213	Static sites
3.	1 KVA Online UPS with SMF batteries	46	On Mobile veh
4.	800 VA Online UPS with SMF batteries	20	On Mobile veh
5.	5 KVA Online UPS with SMF batteries	60	On Mobile veh
6.	30 KVA (1+1) Online UPS with Lead acid batteries	02	Static sites

(iii) All the capacities of Online UPS and Inverters are to be supplied with one-hour backup on full load.

(iv) The 5 KVA Online UPS and 5 KVA inverters are required immediately and the rest are required during the project execution. The vendor shall quote Part-A and Part-B of price bid for items, however, this tender will be evaluated based on Part-A price bid and AMC charges for those items.

(v) Quote accepted for tender evaluation only from:

- An OEM of Online UPS and Inverter, Or,
- Authorized dealer of Online UPS and Inverter of an OEM, with authorization letter from OEM to participate in the tender.

(vi) The Battery banks to be provided for any rating of Online UPS and Inverter procured through this tender will be of reputed and competent make i.e. EXIDE, Amara Raja, and Luminous or equivalent.

(vii) The cables to be supplied with battery banks and battery to ONLINE UPS connections should be ISI Make and of reputed make i.e. Finolex, KEI, RR Cables, Havells and Polycab.

Please Note- 'Country of Concern' implies country sharing land border with India

The Bidder shall submit the non-malicious code certificate for the offered Hardware and software. It should be submitted mentioning all the ratings of Online UPS and Inverters to be offered (either separately or in one undertaking).

(viii) Point wise compliance to all the Annexure.

(ix) List of spares required for maintenance.

(x) Product Data sheet/Brochure of each quoted item.

(xi) OEM authorization Certificate mentioning tender reference.

(xii) Quantity of Online UPS and Inverter required may increase or decrease as per requirement of the project. Final quantity will be as per PO that will be placed on L1 bidder.

(xiii) Letter from OEM stating that the offered product will be supported by OEM for next 13 years as the project life time is about 13 Years, so minimum 13 years' life span of the equipment is required. In case OEM fails to support for 13 years, then it will be bidder's responsibility to provide support during the left out period.

(xiv) In case, Bidder fails to provide the support for any item due to EOL/EOS/any circumstance beyond control at any stage of the project, then Bidder shall provide the compatible replacement item meeting all the operation and functional requirement without any extra cost to ITI after approval from end customer.

(xv) End of Life (EOL) or End of Sale (EOS) of any offered product should be notified to ITI one year in advance. Bidder has to support during the Change management process for EOL/EOS products/items.

Signature of the Bidder with stamp & date

(xvi) Authorized channel partners are eligible for participating on behalf of OEMs, but they have to qualify for all eligibility criterion of this tender and have to submit Authorization certificate from respective OEM.

(xvii) Lowest Bid will be decided on the basis of total cost of Supply and Installation and Commissioning of 5 KVA Online UPS, 5 KVA Inverter and AMC Charges. PO of 5 KVA online UPS and 5 KVA Inverter will be placed on L1 bidder.

(xviii) AMC will not be included in PO of ONLINE UPS, and Inverter which will be placed separately. Also PO of items marked in Part-C may be placed on bidder at later stage as per requirement of the project. Bidder should submit the technical compliance for all items.

Note: This RFP may be cancelled/withdrawn at any stage of the tendering process without any reason and prior intimation to bidders.

If required, selected Bidder may have to go through Technical Evaluation for the offer equipment by the Technical Evaluation Committee (TEC) constituted by End customer.

10. WARRANTY

- (i) Warranty of the supplied equipment Online UPS and Inverter shall be for 03 (three) years from the date of Installation and Commissioning of Online UPS and Inverter. Bidder may quote for one year extended warranty of the same separately in quote, if the standard warranty of Online UPS and Inverter is 02 years as per company policy. Hence a composite warranty of 03 (three) years in total from the date of Installation and Commissioning of Online UPS and Inverter can be arrived.
- (ii) Warranty shall cover Equipment (Online UPS, Inverter and batteries), software, and repair/replacement of faulty hardware at Delhi and technical support through telephone, Email or visit (if required) without any extra cost.
- (iii) Acceptance of the material shall mean receipt of material and functionally working.
- (iv) Software and hardware support of the equipment during the warranty period will be the responsibility of the bidder.
- (v) TAT (Turn-around time) for faulty card / equipment will be 22 days from the date of reporting of fault in the equipment by ITI to the supplier and date of receipt back of the rectified equipment will be at site. The collection point for the faulty equipment will be at site.
- (vi) The LD/penalty 0.5 to max 10% will be recovered as per Tender from the Performance Bank Guarantee (PBG). If the amount exceeds that of PBG the balance amount will be adjusted against the payments made to the Bidder till the penalty amount is recovered fully.
- (vii) AMC clauses are equally applicable during the warranty period of the Project.

11. ANNUAL MAINTENANCE CONTRACT (AMC)

- a) Bidder shall provide (08) 'eight years' maintenance support post (03) 'three years' warranty for the quoted items. (Refer **ANNEXURE-10** for details). The cost of AMC should not exceed 5% of the cost of the main Equipment.
- b) ITI will release separate order for AMC as per the requirement based on this quoted price after signing of AMC agreement with customer.
- c) Bidder shall quote AMC charges for the offered items for eight years (Post Three years' warranty) separately in the given format in finance/un-price bid.

Signature of the Bidder with stamp & date

Sl. No.	Description	Price in Rupees
1	1 st year of AMC	Fill quote in Finance Bid separately
2	2 nd year of AMC	Fill quote in Finance Bid separately
3	3 rd year of AMC	Fill quote in Finance Bid separately
4	4 th year of AMC	Fill quote in Finance Bid separately
5	5 th year of AMC	Fill quote in Finance Bid separately
6	6 th year of AMC	Fill quote in Finance Bid separately
7	7 th year of AMC	Fill quote in Finance Bid separately
8	8 th year of AMC	Fill quote in Finance Bid separately

12. PROOF OF CONCEPT (PoC):

PoC will be conducted in Delhi at ITI premises on No Cost-No Commitment (NC-NC) basis will be supplied, it will be the responsibility of Bidder to arrange required apparatus or accessories for successful conduct of PoC. The Bidder shall provide PoC acceptance procedure documents to ITI for further approval by end customer and the final approved document would be used for conduct of PoC.

It is bidder responsibility to conduct necessary testing. If the product fails in PoC testing, the bidder has to make necessary repairs/Modification at PoC site or transport to their company on their own cost. The PoC quantities will be taken back by bidder post successful PoC which can be included in final supply.

13. PRE-DISPATCH INSPECTION (PDI):

A firm order will be placed on the selected vendor for Manufacturing. Bidder shall deliver the Items as per consignee details only after the successful completion of PDI (as per technical specification) and approved dispatch plan by ITI. Bidder shall provide the PDI Acceptance Test Procedure documents to ITI as per technical specification in tender.

PDI of the ordered items as per lot wise shall be conducted by OEM/Bidder in the presence of ITI and End Customer at OEM premises in India. PDI will be conducted with 10% sampling of respective lot quantity.

14. DELIVERY OF MATERIAL:

Delivery of the material will be on site only at various locations across India; majorly concentrate in Northern, Western, North-eastern regions of India Bidder shall deliver the material as per **ANNEXURE-9**. Delivery of the material shall be lot wise (maximum 10 lots). The last Lot will be 31st December 2025.

Signature of the Bidder with stamp & date

15. JOINT RECEIPT INSPECTION (JRI):

Bidder shall support (if required) during JRI which will be conducted after the delivery of items at the site. The Bidder shall provide JRI acceptance procedure documents to ITI for further approval by end customer and the final approved document would be used for conduct of JRI.

NOTE:

- (i) The scheduled quantity may vary.
- (ii) ITI reserves the right for placement of repeat order if required within one year of original order date.
- (iii) The bidder will not be entitled for any compensation for any increase / decrease in the quantities of materials supplied.
- (iv) The bidder shall offer the complete solution including accessories for installation and commissioning of ONLINE UPS and Inverter. Also the vendor shall quote for the complete solution including accessories for installation and commissioning. Any other Hardware or Software required to complete the installation and commissioning of ONLINE UPS and Inverter will be the responsibility of the bidder (except the Input and Output cable of ONLINE UPS and Inverter, and the Input & Output MCCB/MCB), other than items mentioned in the **Technical Bid** [Part-A & Part-B], shall be the responsibility of bidder.

16. TRAINING:

Operational manual with each Online UPS and Inverter supplied to be provided by the bidder. Training of the equipment for all rating supplied (including optional quantities, if required) to be provided by the bidder at Delhi. Also, along with operational manual a training literature to be provided by vendor, it can be a combined literature for both 5 KVA Online UPS and 5 KVA Inverter. 03 Nos of Training to be imparted by the bidder.

Technical Literature

- i. Page size of all soft copies of documents will be A5. Documents will be optimized for viewing in latest version of Acrobat Reader with 1" header, footer and margins on left and right side.
- ii. One set per ONLINE UPS and Inverter will be provided as detailed technical literature including User Handbooks and Technical Manuals. The technical literature provided will not be photocopies. These will be provided under the following heads: -
 - (a) Training documents and packages.
 - (b) USER level documents.
 - (c) Technical documents for repair and maintenance and giving comprehensive technical details of the systems.



Part-A

Bill of Quantity Technical Specification

**TECHNICAL BID
[Part-A Bill of Quantity & Technical Specification]**

Supply, Installation & Commissioning, Training, and Maintenance of Online UPS 5 KVA and Inverter 5-KVA with One-Hour Battery Backup. Technical specifications are as given in this tender document. Bidder is required to provide complete accessories for 5 KVA Online UPS and 5 KVA Inverter with one-hour battery backup. Quantity of Online UPS and Inverter required may increase or decrease as per requirement of the project.

The Bidder to provide quote and compliance for the all the capacities mentioned (if possible). The items marked as optional, the PO of the same may be placed on the bidder at later stage of the project, if required. Bidder has to submit its bid covering following:

1. BILL OF QUANTITY

S No	Product	Quantity
1	Supply 5KVA, (-) 48V Online UPS	212 Nos
2	Tubular Battery Bank for one-hour backup (on full load)	
3	Installation Accessories	
4	Battery and ONLINE UPS Interconnecting Cables; Battery Interconnecting Cables	
5	Battery Rack	
6	Installation and Commissioning	
7	Warranty	
8	Training and Operational Manuals as per Clause 17	

S No	Product	Quantity
1	Supply 5KVA, (-) 48V Inverter	213 Nos
2	Tubular Battery Bank for one-hour backup (calculated for full load)	
3	Installation Accessories	
4	Battery and ONLINE UPS Interconnecting Cables; Battery Interconnecting Cables	
5	Battery Rack	
6	Installation and Commissioning	
7	Warranty	
8	Training and Operational Manuals as per Clause 17	

Signature of the Bidder with stamp & date

2. TECHNICAL SPECIFICATIONS

1. 5 KVA ONLINE UPS WITH ONE-HOUR BATTERY BACKUP (212 Quantity)

S. No.	Parameters	Details	Remarks
1	Input Voltage	240 V , Single Phase(L-N),	
2	Output voltage	230 V – 240 V, single phase	(± 1% Tolerance)
3	Output Frequency	50 Hz ± 4%	
4	Input Power Factor	0.8 to 0.99	
5	High Voltage input and short circuit protection	SPD must be provided	
6	Lightening and Surge protection		
7	Input DC Voltage	(-) 48 VDC (Typical)	
8	Battery Bank	48V (Lead Acid)	
9	LCD Display	Alarm, O/p Voltage, I/P voltage, load current	
10	Back feed Protection		
11	Main High	Alarm at 265V(L-N), cut-off	
12	Main Low cut-off	180 VAC(L-N)	
13	Wave form	Pure sine	
14	THD	<3%	
15	Efficiency	Better than 80%	
a	On Line mode (No battery charging)		
b	On Line mode(Full load)		
c	Battery mode(Full load)		
16	Short circuit shutdown		
17	Manual Bypass facility		
18	Battery charging control	Enable/Disable through switch/Software	
19	Overload Protection	Overload capacity125% for 10 min & 150% for 1 Min	
20	Backup	1 Hour Backup at Full load	
21	Audible alarm		
22	POTENTIAL FREE contacts for alarms		
23	SNMP RJ45 Port or Ethernet and RS-232	with software	
24	Operating Temperature Range	-5°C to +45°C.	100 % loading at 40°C.
25	Storage Temperature	-20°C to +70°C.	
26	Relative Humidity	>95% for 40°C	
27	Battery low alarm		
28	Charge current (Normal I/P) maximum(Battery)		
29	Charge current(Normal I/P) Default(Battery)		
30	Shutdown voltage(Battery)/ Disconnect Voltage		

Signature of the Bidder with stamp & date

Tender for Supply, Installation and Commissioning of Online UPS and Inverter



31	Floating voltage(Battery)		
32	Load Disconnect		
33	Warranty	Three Years from the date of Delivery	

ALARM INDICATIONS		
S. No.	Parameters	Remarks
1	Visual display AC Input voltage (L-N),	
2	AC Output voltage (L-N),	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	
6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like ONLINE UPS OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

2. 5 KVA INVERTER WITH ONE-HOUR BATTERY BACKUP (213 Quantity)

S. No.	Parameters	Details	Remarks
1	Input Voltage	240 V , Single Phase(L-N),	
2	Output voltage	230 V – 240 V , single phase	(± 1% Tolerance)
3	Output Frequency	50 Hz + 4%	
4	Power Factor	0.8 to 0.99	
5	High Voltage input and short circuit protection	SPD must be provided	
6	Lightening and Surge protection		
7	Input DC Voltage	(-) 48 VDC (Typical)	
8	Battery Bank	48V (Lead Acid)	
9	LCD Display	Alarm, O/p Voltage, I/P voltage, load current	
10	Back feed Protection		
11	Main High	Alarm at 265V(L-N), cut-off	
12	Main Low cut-off	180 VAC(L-N)	
13	Wave form	Pure sine	
14	THD	<3%	
15	Efficiency	Better than 80%	
16	Short circuit shutdown		
17	Manual Bypass facility		
18	Battery charging control	Enable/Disable through switch/Software	
19	Transfer Time	less than 15 msec	
20	Overload Protection	Overload capacity125% for 10 min & 150% for 1 Min	

Signature of the Bidder with stamp & date

Tender for Supply, Installation and Commissioning of Online UPS and Inverter



21	Backup	1 Hour Backup at Full load	
22	Audible alarm		
23	POTENTIAL FREE contacts for alarms		
24	SNMP RJ45 Port or Ethernet and RS-232	with software	
25	Operating Temperature Range	-5°C to +45°C.	
26	Storage Temperature	-20°C to +70°C.	
27	Relative Humidity	>95% for 40°C	
28	Load Disconnect		
29	Battery Disconnect		
30	Warranty	Three Years from the date of Delivery	

ALARM INDICATIONS		
S. No.	Parameters	Remarks
1	Visual display AC Input voltage (L-N),	
2	AC Output voltage (L-N),	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	
6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like Inverter OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

NOTE:

- a) ITI reserves the right for placement of repeat order if required within one year of original order date.
- b) The Bidder to provide quote and compliance for the all the capacities mentioned (if possible). The items marked as optional, the PO of the same may be placed on the bidder at later stage of the project, if required.
- c) The supplier will not be entitled, to any compensation for any increase / decrease in the quantities of work done and materials supplied.
- d) The Battery banks to be provided for any rating of Online UPS and Inverter procured through this tender will be of reputed and competent make i.e. EXIDE, Amara Raja, and Luminous or equivalent.
- e) The cables to be supplied with battery banks and battery to Online UPS connections should be ISI marked and of reputed make i.e. Finolex, KEI, RR Cables, Havells and Polycab.

Signature of the Bidder with stamp & date

BID SECURITY DECLARATION FORM

<Letter head of the bidder>

<Date>

To

ITI LIMITED,
Bangalore

I/ We, the undersigned, declare that:

I/We understand that bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity or its extended period, if any; or

b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or refuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Bank Guarantee, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/ we are not the successful Bidder,

upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (Insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (Insert complete name of person signing the Bid Securing Declaration) Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of

signing) Corporate Seal (where appropriate)

(Note: In case of a consortium, the Bid Securing Declaration must be in the name of all partners to the consortium that submits the bid)

Signature of the Bidder with stamp & date

ANNEXURE-3

TURN OVER FOR LAST THREE YEARS

Sl.No.	Financial year	Turnover (in INR)
1	Last 1 st Year	
2	Last 2 nd Year	
3	Last 3 rd Year	

Note:

In addition to the above, the applicant has to submit the following documents/information,

- a. Copy of the balance sheets
- b. Other relevant details if any.

The requisite Turnover certificate shall be duly certified by a Chartered Accountant with his seal /Signature and Registration No.

Signature of the bidder with Seal

Signature of the Bidder with stamp & date

DETAILS OF THE WORK COMPLETED CERTIFICATE/EXPERIENCE DURING THE LAST 3 YEARS

Sl. No.	Name of work	Scope of services	Value of work	Date of start/ completion	Name and address of the client	Remarks

NOTE:

THE FOLLOWING DOCUMENTS ARE TO BE ENCLOSED FOR EACH OF THE ABOVE WORKS.

- a. Completion certificate.
- b. Copy of award letter and PO/WO copy.
- c. Other relevant documentary evidence, if any.

Signature of the bidder with Seal

Signature of the Bidder with stamp & date

PRE CONTRACT INTEGRITY PACT

PURCHASE ENQUIRY/ORDER No.

THIS Integrity Pact is made on.....day of20.

BETWEEN:

ITI Limited having its Registered & Corporate Office at ITI Bhavan, Dooravaninagar, Bangalore – 560 016 and established under the Ministry of Communications, Government of India (hereinafter called the Principal), which term shall unless excluded by or is repugnant to the context, be deemed to include its Chairman & Managing Director, Directors, Officers or any of them specified by the Chairman & Managing Director in this behalf and shall also include its successors and assigns) ON THE ONE PART

AND:

..... represented by..... Chief Executive Officer (hereinafter called the Contractor(s), which term shall unless excluded by or is repugnant to the context be deemed to include its heirs, representatives, successors and assigns of the bidder/contract ON THE SECOND PART.

Preamble

WHEREAS the Principal intends to award, under laid down organizational procedures, contract for of ITI Limited (name of the Stores/equipments/items). The Principal, values full compliance with all relevant laws of the land, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal has appointed an Independent External Monitor(IEM), who will **monitor** the tender process and the execution of the contract for compliance with the principles as mentioned herein this agreement.

WHEREAS, to meet the purpose aforesaid, both the parties have agreed to enter into this Integrity Pact the terms and conditions of which shall also be read as integral part and parcel of the Tender Documents and contract between the parties.

NOW THEREFORE, IN CONSIDERATION OF MUTUAL COVENANTS STIPULATED IN THIS PACT THE PARTIES HEREBY AGREE AS FOLLOWS AND THIS PACT WITNESSETH AS UNDER:

SECTION 1 – COMMITMENTS OF THE PRINCIPAL

- 1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a. No employee of the Principal, personally or through family members, will in connection with the tender for or the execution of the contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the personal is not legally entitled to.
 - b. The Principal will, during the tender process treat all bidder(s)with equity and reason. The

Signature of the Bidder with stamp & date

Principal will in particular, before and during the tender process, provide to all bidder(s) the same information and will not provide to any bidder(s) confidential/additional information through which the bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

- c. The Principal will exclude from the process all known prejudiced persons.
- 1.2 If the Principal obtains information on the conduct of any of its employee, which is a criminal offence under IPC/PC Act if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary action as per its internal laid down Rules/ Regulations.

SECTION 2 – COMMITMENTS OF THE BIDDER/CONTRACTOR

- 2.1 The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself observe the following principles during the participation in the tender process and during the execution of the contract.
 - a. The bidder(s)/contractor(s) will not, directly or through any other person or firm offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
 - b. The bidder(s)/contractor(s) will not enter with other bidders/contractors into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c. The bidder(s)/contractor(s) will not commit any offence under IPC/PC Act, further the bidder(s)/contractor(s) will not use improperly, for purposes of competition of personal gain, or pass onto others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the agents/representatives in India, if any. Similarly, the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any.
 - e. The Bidder(s)/Contractor(s) will, when presenting the bid, disclose any and all payments made, are committed to or intend to make to agents, brokers or any other intermediaries in connection with the award of the contract.

Signature of the Bidder with stamp & date

- f. The Bidder(s)/Contractor(s) will not bring any outside influence and Govt bodies directly or indirectly on the bidding process in furtherance to his bid.
- g. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or to be an accessory to such offences.

SECTION 3 – DISQUALIFICATION FROM TENDER PROCESS & EXCLUSION FROM FUTURE CONTRACTS

- 3.1 If the Bidder(s)/Contractor(s), during tender process or before the award of the contract or during execution has committed a transgression in violation of Section 2, above or in any other form such as to put his reliability or credibility in question the Principal is entitled to disqualify Bidder(s)/ Contractor(s) from the tender process.
- 3.2 If the Bidder(s)/Contractor(s), has committed a transgression through a violation of Section 2 of the above, such as to put his reliability or credibility into question, the Principal shall be entitled exclude including blacklisting for future tender/contract award process. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the Principal taking into consideration the full facts and circumstances of each case, particularly taking into account the number of transgression, the position of the transgressor within the company hierarchy of the Bidder(s)/Contractor(s) and the amount of the damage. The exclusion will be imposed for a period of minimum one year.
- 3.3 The Bidder(s)/Contractor(s)with its free consent and without any influence agrees and undertakes to respect and uphold the Principal’s absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground including the lack of any hearing before the decision to resort to such exclusion is taken. The undertaking is given freely and after obtaining independent legal advice.
- 3.4 A transgression is considered to have occurred if the Principal after due consideration of the available evidence concludes that on the basis of facts available there are no material doubts.
- 3.5 The decision of the Principal to the effect that breach of the provisions of this Integrity Pact has been committed by the Bidder(s)/ Contractor(s) shall be final and binding on the Bidder(s)/ Contractor(s), however the Bidder(s)/ Contractor(s) can approach IEM(s) appointed for the purpose of this Pact.
- 3.6 On occurrence of any sanctions/ disqualifications etc arising out from violation of integrity pact Bidder(s)/ Contractor(s) shall not entitled for any compensation on this account.
- 3.7 subject to full satisfaction of the Principal, the exclusion of the Bidder(s)/ Contractor(s) could be revoked by the Principal if the Bidder(s)/ Contractor(s) can prove that he has restored/ recouped the damage caused by him and has installed a suitable corruption preventative system in his organization.

Signature of the Bidder with stamp & date

SECTION 4 – PREVIOUS TRANSGRESSION

- 4.1 The Bidder(s)/ Contractor(s) declares that no previous transgression occurred in the last 3 years immediately before signing of this Integrity Pact with any other company in any country conforming to the anti-corruption/ transparency International (TI) approach or with any other Public Sector Enterprises/ Undertaking in India of any Government Department in India that could justify his exclusion from the tender process.
- 4.2 If the Bidder(s)/ Contractor(s) makes incorrect statement on this subject, he can be disqualified from the tender process or action for his exclusion can be taken as mentioned under Section-3 of the above for transgressions of Section-2 of the above and shall be liable for compensation for damages as per Section- 5 of this Pact.

SECTION 5 – COMPENSATION FOR DAMAGE

- 5.1 If the Principal has disqualified the Bidder(s)/Contractor(s) from the tender process prior to the award according to Section 3 the Principal is entitled to forfeit the Earnest Money Deposit/Bid Security/ or demand and recover the damages equitant to Earnest Money Deposit/Bid Security apart from any other legal that may have accrued to the Principal.
- 5.2 In addition to 5.1 above the Principal shall be entitled to take recourse to the relevant provision of the contract related to termination of Contract due to Contractor default. In such case, the Principal shall be entitled to forfeit the Performance Bank Guarantee of the Contractor or demand and recover liquidate and all damages as per the provisions of the contract agreement against termination.

SECTION 6 – EQUAL TREATMENT OF ALL BIDDERS/CONTRACTORS

- 6.1 The Principal will enter into Integrity Pact on all identical terms with all bidders and contractors for identical cases.
- 6.2 The Bidder(s)/Contractor(s) undertakes to get this Pact signed by its sub-contractor(s)/sub-vendor(s)/associate(s), if any, and to submit the same to the Principal along with the tender document/contract before signing the contract. The Bidder(s)/Contractor(s) shall be responsible for any violation(s) of the provisions laid down in the Integrity Pact Agreement by any of its sub-contractors/sub-vendors/associates.
- 6.3 The Principal will disqualify from the tender process all bidders who do not sign this Integrity Pact or violate its provisions.

SECTION 7 – CRIMINAL CHARGES AGAINST VIOLATING BIDDER(S)/ CONTRACTOR(S)

- 7.1 If the Principal receives any information of conduct of a Bidder(s)/Contractor(s) or sub-contractor/sub-vendor/associates of the Bidder(s)/Contractor(s) which constitutes corruption or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer of the Principal for appropriate action.

Signature of the Bidder with stamp & date

SECTION 8 – INDEPENDENT EXTERNAL MONITOR(S)

- 8.1 The Principal appoints competent and credible Independent External Monitor(s) for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this pact.
- 8.2 The Monitor is not subject to any instructions by the representatives of the parties and performs his functions neutrally and independently. He will report to the Chairman and Managing Director of the Principal.
- 8.3 The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all product documentation of the Principal including that provided by the Bidder(s)/Contractor(s). The Bidder(s)/Contractor(s) will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The Monitor is under contractual obligation to treat the information and documents Bidder(s)/Contractor(s) with confidentiality.
- 8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the project provided such meeting could have an impact on the contractual relations between the Principal and the Bidder(s)/Contractor(s). As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in specific manner, refrain from action or tolerate action.
- 8.5 The Monitor will submit a written report to the Chairman & Managing Director of the Principal within a reasonable time from the date of reference or intimation to him by the principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8.6 If the Monitor has reported to the Chairman & Managing Director of the Principal a substantiated suspicion of an offence under relevant IPC/PC Act, and the Chairman & Managing Director of the Principal has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- 8.7 The word '**Monitor**' would include both singular and plural.
- 8.8 Details of the Independent External Monitor appointed by the Principal at present is furnished below: -
IEM I
Shri Javeed Ahmad, IPS(Retd.)
M-1101, Shalimar Gallant Apartment,
Vigyanpuri ,Mahanagar,Lucknow-226006.

Signature of the Bidder with stamp & date

IEM II

Shri Atul Jundall, IFS (Retd.)
3/10 Vishesh Khand Opp. Little Friend School,
Gomti Nagar, Lucknow-226010(UP)

Any changes to the same as required / desired by statutory authorities is applicable.

SECTION 9 – FACILITATION OF INVESTIGATION

9.1 In case of any allegation of violation of any provisions of this Pact or payment of commission, the Principal or its agencies shall be entitled to examine all the documents including the Books of Accounts of the Bidder(s)/Contractor(s) and the Bidder(s)/Contractor(s) shall provide necessary information and documents in English and shall extend all help to the Principal for the purpose of verification of the documents.

SECTION 10 – LAW AND JURISDICTION

- 10.1 The Pact is subject to the Law as applicable in Indian Territory. The place of performance and jurisdiction shall be the seat of the Principal.
- 10.2 The actions stipulated in this Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

SECTION 11 – PACT DURATION

- 11.1 This Pact begins when both the parties have legally signed it. It expires after 12 months on completion of the warranty/guarantee period of the project / work awarded, to the fullest satisfaction of the Principal.
- 11.2 If the Bidder(s)/Contractor(s) is unsuccessful, the Pact will automatically become invalid after three months on evidence of failure on the part of the Bidder(s)/Contractor(s).
- 11.3 If any claim is lodged/made during the validity of the Pact, the same shall be binding and continue to be valid despite the lapse of the Pact unless it is discharged/determined by the Chairman and Managing Director of the Principal.

SECTION 12 – OTHER PROVISIONS

- 12.1 This pact is subject to Indian Law, place of performance and jurisdiction is the Registered & Corporate Office of the Principal at Bengaluru.
- 12.2 Changes and supplements as well as termination notices need to be made in writing by both the parties. Side agreements have not been made.
- 12.3 If the Bidder(s)/Contractor(s) or a partnership, the pact must be signed by all consortium members and partners.
- 12.4 Should one or several provisions of this pact turn out to be invalid, the remainder of this pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 12.3 Any disputes/ difference arising between the parties with regard to term of this Pact, any action

Signature of the Bidder with stamp & date



taken by the Principal in accordance with this Pact or interpretation thereof shall not be subject to any Arbitration.

- 12.4 The action stipulates in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

In witness whereof the parties have signed and executed this Pact at the place and date first done mentioned in the presence of the witnesses:

For PRINCIPAL
.....
(Name & Designation)

For BIDDER(S)/CONTRACTOR(S)
.....
(Name & Designation)

Witness
1)

Witness
1).....

2)

2).....

MUTUAL NON- DISCLOSURE AGREEMENT

This Agreement is made as of the ----- 2024 between ITI Ltd. Having its registered and Corporate office at Dooravani Nagar, Bangalore-560016

And ----- here in after called ITI Ltd. Which expression shall unless repugnant to the subject or the context mean and included its successors, nominees or assigns and (M/s. -----) a company having its registered office at----- herein after called “The Bidder” which expression shall unless repugnant to the subject or the context mean and include its successors, nominees or assigns.

Whereas in order to pursue the mutual business purpose of this particular Consultancy as specified in Exhibit A (the “Business Purpose”), ITI Ltd. And M/s -----

----- recognize that there is a need to disclose to one another certain information, as defined in Para 1 below, of each party to be used only for the Business purpose and to protect such confidential information from unauthorized use and disclosure.

In consideration of the other party’s disclosure of such information, each party agrees as follows:

This Agreement will apply to all confidential and proprietary information disclosed by one party to the other party, including information listed in Exhibit A attached hereto and other information which the disclosing party identifies in writing or otherwise as confidential before or within thirty days after disclosure to the receiving party (“Confidential information”).

Information consists of certain specifications, designs, plans, drawings and /or technical information, and all copies and derivatives containing such information, that may be disclosed to one another for and during the purpose, which a party considers proprietary or confidential (“Information”). Information maybe in any form or medium, tangible or intangible, and may be Communicated/disclosed in writing, orally, or through visual observation or by any other means to one party (hereinafter referred to as the receiving party) by the other party (hereinafter referred to as one disclosing party). Information shall be subject to this Agreement, if it is in tangible form, only if clearly marked as proprietary or confidential as the case may be, when disclosed to the receiving party or, if not in tangible form, its proprietary nature must first be announced, and it must be reduced to writing and furnished to the receiving party within thirty (30) days of the initial disclosure.

M/s ----- and ITI Ltd hereby agreed at during the Confidentiality Period:

ITI Ltd. RFP. No. _____

The receiving party shall use Information only for the Purpose, shall hold Information in confidence using the same degree of care as it normally exercises to protect its own proprietary information, but not less than reasonable care, taking into account the nature of the Information, and shall grant access to Information only to its employees who have a need to know, but only to the extent necessary to carry out the business purpose of this project as defined in exhibit A, shall cause its employees to comply with the provisions of this Agreement applicable to the receiving party, shall reproduce Information only to the extent essential to fulfilling the purpose, and shall prevent disclosure of information to third parties. Upon the disclosing party’s request, the receiving party shall either return to the disclosing party all Information or shall certify to the disclosing party that all media containing Information have been

Signature of the Bidder with stamp & date

destroyed. Provided, however, That an archival copy of the Information may be retained in the files of the receiving party's counsel, solely for the purpose of proving the contents of the Information.

The foregoing restrictions on each party's use or disclosure of Information shall not apply to Information that the receiving party can demonstrate was independently developed by or for the receiving party without reference to the Information, or was received without restrictions; or

has become generally available to the public without breach of confidentiality obligations of the receiving party; or

was in the receiving party's possession without restriction or was known by the receiving party without restriction at the time of disclosure; or

is the subject of a subpoena or other legal or administrative demand for disclosure; provided, however that the receiving party has given the disclosing party prompt notice of such demand for disclosure and the receiving party reasonably cooperates with the disclosing party's efforts to secure and appropriate protective order; or

is disclosed with the prior consent of the disclosing party; or

was in its possession or known to it by being in its use or being recorded in its files or computers or other recording media prior to receipt from the disclosing party and was not previously acquired by the receiving party from the disclosing party under an obligation of confidence; or

the receiving party obtains or has available from a source other than the disclosing party without breach by the receiving party or such source of any obligation of confidentiality or non-use towards the disclosing party.

Each party agrees not to remove any of the other party's Confidential Information from the premises of the disclosing party without the disclosing party's prior written approval. Each party agrees to exercise extreme care in ITI Ltd. RFP. No. _____ protecting the confidentiality of any confidential information, which is removed, only with the disclosing party's prior written approval, from the disclosing party's premises. Each party agrees to comply with any and all terms and conditions the disclosing party's may impose upon any such approved removal, such as conditions that the removed confidential information and all copies must be returned by a certain date, and that no copies are to be made off of the premises.

Upon the disclosing party's request, the receiving party will promptly return to the disclosing party all tangible items containing or consisting of the disclosing party's confidential information all copies thereof.

Each party recognizes and agrees that all of the disclosing party's confidential information is owned solely by the disclosing party (or its licensors) and that the unauthorized disclosure or use of such confidential information would cause irreparable harm and significant injury, the degree of which may be difficult to ascertain. Accordingly, each party agrees that the disclosing party will have the right to obtain an immediate injunction enjoining any breach of this agreement, as well as the right to pursue any and all other rights and remedies available at law or in equity for such a breach.

Access to information hereunder shall not preclude an individual who has seen such information for the purpose of this agreement from working on future projects for the receiving party which relate to similar subject matters provided that such individual does not make reference to the information and does not copy the substance of the information during the confidentiality period. Furthermore, nothing contained

Signature of the Bidder with stamp & date

herein shall be construed as imposing any restriction on the receiving party's disclosure or use of any general learning, skills or know how developed by the receiving party's personnel under this agreement, if such disclosure and use would be regarded by a person of ordinary skill in the relevant area as not constituting a disclosure or use of the information.

As between the parties, all information shall remain the property of the disclosing party. By disclosing information or executing this agreement, the disclosing party does not grant any license, explicitly or implicitly, under any trademark, patent, copyright, mask work protection rights, trade secret or any other intellectual property right. THE DISCLOSING PARTY DISCLAIMS ALL WARRANTIES REGARDING THE INFORMATION, INCLUDING ALL WARRANTIES WITH RESPECT TO INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS AND ALL WARRANTIES AS TO THE ACCURACY OR UTILITY OF SUCH INFORMATION. Execution of this agreement and the disclosure of information pursuant to this agreement does not constitute or imply any commitment, promise, or inducement by either party to make any purchase, or sale or to enter into any additional agreement of any kind.

Either party's failure to enforce any provision, right or remedy under this agreement shall not constitute a waiver of such provision, right or remedy.

This Agreement will be construed in, interpreted and applied in accordance with the laws of India.

M/s ITI Ltd. Has sole rights for the feasibility report submitted by M/s ----- for its use with other successful bidder for next Phase (if any). If there is any conflict between earlier clauses and this clause, then this clause shall prevail.

That in case of any dispute or differences, breach & violation relating to the terms of the agreement. The said matter or dispute, difference shall be referred to sole arbitration of Chairman ITI Ltd or any other person appointed by him. That the award of the arbitrator shall be final and binding on both parties. In the vent of such arbitrator to whom the matter is originally referred to is being transferred or vacates his office on resignation or otherwise or refuses to do work or neglecting his work or being unable to act as Arbitrator for any reasons whatsoever, the Chairman ITI Ltd shall appoint another person to act as Arbitrator in place of outgoing Arbitrator and the person so appointed shall be entitled to proceed further with the reference from the stage at which it was left by his predecessor. The M/s ----- will have No Objection in any such appointment, that arbitrator so appointed is employee of ITI Ltd.. The said Arbitrator shall act under the Provisions of the Arbitrator and Conciliation Act, 1996 or any statutory modifications or re-enactment there of any rules made thereof.

This Agreement and Exhibit A attached hereto constitutes the entire agreement of the parties with respect to the parties' respective obligations in connection with Information disclosed hereunder and supersedes all prior oral and written agreements and discussions with respect thereto. The parties can amend or modify this agreement only by a writing duly executed by their respective authorized representatives. Neither party shall assign this Agreement without first securing the other Party's written consent.

This Agreement will remain in effect for one year from the date of the last disclosure of Confidential Information., at which time it will terminate, unless extended by the disclosing party in writing.

Signature of the Bidder with stamp & date

Tender for Supply, Installation and Commissioning of Online UPS and Inverter



IN WITNESS WHEREOF, the parties hereto have executed this Agreement by Their duly authorized officers or representatives.

(M/s-----)

Signature_____.

Printed Name:_____.

Title:_____.

ITI Ltd

RFP No. _____

Exhibit A

(M/s ITI Ltd.)

Signature: _____

Printed Name: _____

Title:_____

Business Purpose: Supply, Installation & Commissioning, Training, Maintenance of ONLINE UPS 5 KVA and INVERTER 5 KVA EACH WITH ONE-HOUR BATTERY BANK.

Confidential Information of M/s. ITI Ltd. w.r.t RFP No. _____

All sites and their related information.

All information shared in oral or in written form by ITI Ltd. With M/s -----

Information downloaded or taken in physical form shall be returned/destroyed after use not copied.

ITI Ltd : _____

Signed

M/s -----

Signed

Signature of the Bidder with stamp & date

ANNEXURE-7

COMPLIANCE TO NO VARIANCE/DEVIATION IN BID

NAME OF WORK:

Tender Ref No:

Dated:

We hereby agree to fully comply with, abide by and accept without variation, deviation or reservation all technical, commercial and other conditions whatsoever of the Bidding Documents and Amendment(s)/ Addendum(s) to the Bidding Documents, if any, for subject work/tender issued by ITI Limited. We hereby further confirm that any terms and conditions if mentioned in our bid (Un-priced as well as Priced Part) shall not be recognized and shall be treated as null and void.

Bidder's Company Seal:

Authorized Signatory's Signature:

Authorized Signatory's Name and Designation:

Place:

Date:

Signature of the Bidder with stamp & date

ANNEXURE-8

Ref: Tender Ref. No.....

Dated ...

UNDERTAKING THAT THE BIDDER HAS NOT BEEN BLACKLISTED/DEBARRED

To,

<Name and address>

Subject: Declaration of Bidder being not Blacklisted/Debarred.

Dear Sir,

It is certified that our firm/company or any of our entity is not black listed/Debarred from doing business or put on holiday list etc. by any Govt. Organization / Semi Govt. Organizations/PSUs for any reason. However, if we fail to complete the awarded work / fulfill the Tender conditions or if anyof the information submitted by our company or its employee or associate, proves to be false, ITI Ltd shall be free to take action / black list our firm / company notwithstanding of taking any other legal action.”

Bidder’s Company Seal:

Authorized Signatory’s Signature:

Authorized Signatory’s Name and Designation:

Place:

Date:

Signature of the Bidder with stamp & date

ANNEXURE-9

TENTATIVE DELIVERY SCHEDULE

- (i) Delivery of the material shall be lot wise (maximum 10 lots). The last delivery date will be 31st December 2025.
- (ii) ITI will provide the schedule of staggered delivery in release order.
- (iii) Delivery of the items post PDI will be at site. Location details of delivery will be shared later.
- (iv) The bidder shall have the ability to supply the whole Lot in single supply Order
- (v) PDI will be the responsibility of Bidder.
- (vi) Bidder will support during Joint Receipt Inspection (JRI) of the material.

Signature of the Bidder with stamp & date

Annual Maintenance Contract (AMC) for ONLINE UPS AND INVERTER

1. Terms and conditions:

The AMC will be applicable for 08 (Eight) years after the completion of warranty period of 03 (Three years) and the payment will be made on quarterly basis (contract amount of a year will be distributed equally in four parts for each quarter) to be paid at the end of the period on satisfactory delivery of services on production of satisfactory performance certificate and system serviceability certificate from the ITI for the period of which AMC payment is claimed by Bidder for AMC.

If the Bidder is offering for AMC for Online UPS and Inverter With One-Hour Battery Backup with any other organization, public/private in India, The Bidder are required to give a written undertaking that they have not provided AMC for similar systems or subsystems at a price lower than that offered in the present bid to any other Ministry/Department of the Government of India and if the similar AMC price has been offered at a lower price than the details regarding the cost, time of AMC and AMC schedule be included as part of the commercial offer. In case of non- disclosure, if it is found at any stage that the similar AMC was provided by the Bidder/OEM to any other Ministry/Department of the Government of India at a lower price, then that very price, will be applicable to the present case and, with due allowance for elapsed time.

During AMC period, the life time, support all updates and modifications including software patches will be carried out free of cost and will be continuing life time support to the provided products even if the production of the equipment/system is stopped due to any reason.

During AMC period, if any Hardware card/component replacement is required Bidder shall replace the required hardware free of cost.

2. SCOPE OF WORK:

Broad scope of work for AMC is given as below:

- (a) Comprehensive maintenance shall be provided as part of the project during the AMC period at locations where the supplied equipment has been installed. The maintenance support has to be provided either through telephonic support, remote support or through onsite support, if required as the case may be, but overall objective is to bring up the equipment.
- (b) Comprehensive AMC shall include maintenance of the complete equipment and systems, spares, repair and replacement of components etc.
- (c) Bidder shall be exclusively responsible for any defect that may develop under normal use arising from faulty material, design and workmanship and shall remedy such a defect at their own cost immediately after getting intimation from the ITI. All expenses, which are incurred for replacement or repair during AMC period, shall be entirely borne by the Bidder.
- (d) **Travelling Time:** Travelling time permitted for the Bidder to travel to the sites shall be decided by ITI in coordination with Bidder.

Signature of the Bidder with stamp & date

3. Repair / Receipt / Return of Equipment

Procedure for repair/receipt/return of equipment is as under: -

- (a) All equipment including spares supplied by Bidder are covered under repair and maintenance.
- (b) The faulty equipment will be handled by the Bidder when fault is reported by ITI till it gets repaired /replaced.
- (c) OEM origin card / sub systems ex-import – within 30 (thirty) days if being repaired out of India and within 15 (Fifteen) days if being repaired within India.
- (d) The repaired equipment once repaired will be inspected by Bidder engineer/ technicians in presence of ITI representative at site. Location details will be shared later). If the equipment is not functioning as per the defined parameter, it will continue to be considered as faulty from the initial date of fault.
- (e) **Maintenance of Equipment:** Faulty equipment shall be collected from and delivered at site. In case of any unforeseen circumstances like road blockages, landslides etc. faulty equipment may be collected / delivered from / to nearest location (i.e. nearest location to faulty location) with approval of ITI. Spares used as interim measure will be replenished once repaired equipment is delivered and accepted as repaired.
- (f) **Replacement of ‘Beyond Repair’ Equipment:** Equipment declared ‘Beyond Repair’ by the Bidder will be replaced by Bidder at no additional charge. The replaced equipment will be of same make and model and shall be the property of the ITI.
- (g) **Repair:** While attempting to repair the faulty equipment, if the faulty components of equipment are found to have become obsolete or are not readily available, Bidder will rectify the faults using suitable substitute equipment to serve the function, guaranteeing the original electrical parameters as also the mechanical compatibility with the system.
- (h) **Failure Analysis Report:** Bidder shall deliver to ITI the repaired or replaced equipment, or part thereof, accompanied by written “Failure Analysis Report” setting forth a description of the fault found and the corrective action taken by the Bidder.

4. Provisioning of Spares:

- 1) **Maintenance Spares:** The list of maintenance spares, required for providing maintenance support, shall be worked out by the Bidder and submitted for ITI’s approval.
- 2) **Last Buy of Equipment and Spares:** Bidder will ensure adequate stocking of cards/accessories likely to get obsolete and taken out of production, to ensure life time maintenance support.

5. Original Equipment Manufacturer (OEM) Support

Original Equipment Manufacturer (OEM) Support: OEM support will be guaranteed by the Bidder for the complete period of AMC. All OEMs will have their repair facility in India. The repair and support for equipment / spares will be available for the period of AMC. Repair support of respective OEMs on requirement basis, training of ITI’s Engineer / technicians and personnel employed will be done by OEMs. OEM support also includes upgrades of firmware / updates released for software by OEM.

6. Penalties:

Repair and return of faulty items has to be done within below given timelines, otherwise penalty will be imposed as given in succeeding Para:

- OEM origin card / sub systems ex-import – within 22 (twenty-two) days if being repaired out of India and,
- Within 15 (Fifteen) days if being repaired within India.

Penalty shall be @ 0.5 % of AMC Order Value per week or part thereof subject to a maximum of 10% ceiling

7. Termination of AMC:

The ITI shall have the right to terminate this Contract in part or in full in any of the following cases: -

(a) The delivery of services is delayed for causes not attributable to Force Majeure for more than 30 days after the scheduled timelines for attending the fault/repair.

(b) The Bidder is declared bankrupt or becomes insolvent.

(c) The delivery of material is delayed due to causes for Force Majeure by more than 2 months after the scheduled timelines for attending the fault/repair.



ANNEXURE-11

DECLARATION OF BIDDERS

FROM

TO

1. I/We..... have read the conditions of the tender and tender documents attached hereto and agree to abide by such conditions. I/We offered to do..... at the rates quoted in the attached schedule to complete the works on or before the dates mentioned in the schedule for completion of works.
2. I/We further agree to sign an agreement, bind to abide by the general conditions of the contract, and to carry out all works according to the specifications laid down in the tender papers. I/We hereby pay the earnest money ofby demand draft/banker’s cheque. I/We bind myself/ ourselves to deposit the security deposit [Performance security] as prescribed within 15 days after receiving the notice that the contract has been awarded to me/us failing which I/We have no objection to the forfeiture of the earnest money in full; otherwise they said earnest money shall be retained by the said company towards security deposit as specified in the conditions. I/We further bind myself /ourselves to execute the Tender document and to commence the work with 15 days after issue of the Purchase order in writing as aforesaid failing I/We agree to the company forfeiting the earnest money and security deposit deposited with them. The accepting authority shall also be at liberty to cancel the acceptance of the tender if I/We fails to deposit the security amount as specified or to execute an agreement or to start work as stipulated in the tender documents.
3. I/We hereby enclose a declaration of my/our experience of execution of works of similar nature and magnitude carried out by me/us in the prescribed proforma, and also the income tax and sales tax clearance certificates.
4. The offer shall remain open for acceptance by the Accepting Authority for a **period of 6 months**

from the date of opening of the tender. **[180 days]**

Date:

Signature of bidder
with the seal of the firm

Witness.....

(Name in block letters)

Power of attorney in case the tender is signed by the authorized nominee must be enclosed.

Address:

Occupation:

Signature of the Bidder with stamp & date

TECHNICAL COMPLIANCE SHEET

For Supply, Installation & Commissioning, Training, and Maintenance of ONLINE UPS 5 KVA and Inverter 5 KVA each with One-hour Battery Backup.

Bidder has to submit bid covering following:

- 1) Supply of all items complying with BoM & technical specifications of this ANNEXURE.
- 2) AMC of supplied items to be covered for the specified period.

A. BILL OF QUANTITY

S No	Product	Compliance
1	Supply of 5KVA, (-) 48V Online UPS	
2	Tubular Battery Bank for one-hour backup (calculated for full load)	
3	Installation Accessories	
4	Battery and ONLINE UPS Interconnecting Cables; Battery Interconnecting Cables	
5	Battery Rack	
6	Installation and Commissioning	
7	Composite Warranty	
8	Training and Operational Manuals as per Clause 17	

S No	Product	Compliance
1	Supply of 5KVA, (-) 48V Inverter	
2	Tubular Battery Bank for one-hour backup (calculated for full load)	
3	Installation Accessories	
4	Battery and ONLINE UPS Interconnecting Cables; Battery Interconnecting Cables	
5	Battery Rack	
6	Installation and Commissioning	
7	Composite Warranty	
8	Training and Operational Manuals as per Clause 17	

B. TECHNICAL SPECIFICATIONS

1. 5 KVA ONLINE UPS WITH ONE-HOUR BATTERY BACKUP (212 Quantity)

S. No.	Parameters	Details	Compliance
1	Input Voltage	240 V , Single Phase(L-N),	
2	Output voltage	230 V – 240 V (± 1% Tolerance), single phase	
3	Output Frequency	50 Hz ± 4%	
4	Input Power Factor	0.8 to 0.99	
5	High Voltage input and short circuit protection	SPD must be provided	
6	Lightening and Surge protection		
7	Input DC Voltage	(-) 48 VDC (Typical)	
8	Battery Bank	48V (SMF or Lead Acid)	

Signature of the Bidder with stamp & date

Tender for Supply, Installation and Commissioning of Online UPS and Inverter



S. No.	Parameters	Details	Compliance
9	LCD Display	Alarm, O/p Voltage, I/P voltage, load current	
10	Back feed Protection		
11	Main High	Alarm at 265V(L-N), cut-off	
12	Main Low cut-off	180 VAC(L-N)	
13	Wave form	Pure sine	
14	THD	<3%	
15	Efficiency	Better than 80%	
a	On Line mode (No battery charging)		
b	On Line mode(Full load)		
c	Battery mode(Full load)		
16	Short circuit shutdown		
17	Manual Bypass facility		
18	Battery charging control	Enable/Disable through switch/Software	
19	Overload Protection	Overload capacity125% for 10 min & 150% for 1 Min	
20	Backup	1 Hour Backup at Full load	
21	Audible alarm		
22	POTENTIAL FREE contacts for alarms		
23	SNMP RJ45 Port or Ethernet and RS-232	with software	
24	Operating Temperature Range	-5°C to +45°C. (100 % loading at 40°C)	
25	Storage Temperature	-20°C to +70°C	
26	Relative Humidity	>95% for 40°C	
27	Battery low alarm		
28	Charge current(Normal I/P) maximum(Battery)		
29	Charge current(Normal I/P) Default(Battery)		
30	Shutdown voltage(Battery)/ Disconnect Voltage		
31	Floating voltage(Battery)		
32	Load Disconnect		
33	Composite Warranty	Three Years from the date of I&C	

ALARM INDICATIONS		
S. No.	Parameters	Compliance
1	Visual display AC Input voltage (L-N),	
2	AC Output voltage (L-N),	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	

Signature of the Bidder with stamp & date

Tender for Supply, Installation and Commissioning of Online UPS and Inverter



6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like ONLINE UPS OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

2. 5 KVA INVERTER WITH ONE-HOUR BATTERY BACKUP (213 Quantity)

S. No.	Parameters	Details	Compliance
1	Input Voltage	240 V , Single Phase(L-N),	
2	Output voltage	230 V – 240 V (+ 1% Tolerance), single phase	
3	Output Frequency	50 Hz + 4%	
4	Power Factor	0.8 to 0.99	
5	High Voltage input and short circuit protection	SPD must be provided	
6	Lightening and Surge protection		
7	Input DC Voltage	(-) 48 VDC (Typical)	
8	Battery Bank	48V (SMF or Lead Acid)	
9	LCD Display	Alarm, O/p Voltage, I/P voltage, load current	
10	Back feed Protection		
11	Main High	Alarm at 265V(L-N), cut-off	
12	Main Low cut-off	180 VAC(L-N)	
13	Wave form	Pure sine	
14	THD	<3%	
15	Efficiency	Better than 80%	
16	Short circuit shutdown		
17	Manual Bypass facility		
18	Battery charging control	Enable/Disable through switch/Software	
19	Transfer Time	less than 15 msec	
20	Overload Protection	Overload capacity125% for 10 min & 150% for 1 Min	
21	Backup	1 Hour Backup at Full load	
22	Audible alarm		
23	POTENTIAL FREE contacts for alarms		
24	SNMP RJ45 Port or Ethernet and RS-232	with software	
25	Operating Temperature Range	-5°C to +45°C	
26	Storage Temperature	-20°C to +70°C.	
27	Relative Humidity	>95% for 40°C	
28	Load Disconnect		
29	Battery Disconnect		
30	Composite Warranty	Three Years from the date of I&C	

Signature of the Bidder with stamp & date

ALARM INDICATIONS		
S. No.	Parameters	Compliance
1	Visual display AC Input voltage (L-N),	
2	AC Output voltage (L-N),	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	
6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like Inverter OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

NOTE:

- a) ITI reserves the right for placement of repeat order if required within one year of original order date.
- b) The supplier will not be entitled, to any compensation for any increase / decrease in the quantities of work done and materials supplied.
- c) The Battery banks to be provided for any rating of ONLINE UPS and Inverter procured through this tender will be of reputed and competent make i.e., EXIDE, Amara Raja, and Luminous.
- d) The cables to be supplied with battery banks and battery to ONLINE UPS connections should be ISI marked reputed make i.e. Finolex, KEI, RR Cables, Havells and Polycab.

EMD BANK GUARANTEE PROFORMA

1. As agreed under the relevant terms and conditions of Enquiry Ref _____ dt _____ (hereinafter called the said Enquiry) between M/s. ITI Ltd., NS Unit, Dooravani Nagar, Begaluru-560016, India. (Hereinafter called the Purchaser) and M/s. _____ (hereinafter called the Bidder) for supply of _____, the Bidder hereby agrees to furnish EMD against supply performance by way of an irrevocable Bank Guarantee for Rs. _____ (Rupees. _____). We _____ (indicate the name of Bank) (hereinafter referred to as 'THE BANK' at the request of the Bidder do hereby undertake to pay to the Purchaser, an amount not exceeding Rs. _____ (Rupees. _____) against any loss or damage caused to or suffered or would be caused to or suffered by the Purchaser, by reasons or breach by the said Bidder of any of the terms or conditions contained in the said Enquiry.
2. We _____ (indicate the name of the Bank) do hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on a demand from the Purchaser stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Purchaser, by reason of breach by the said Bidder of any of the terms and conditions contained in the said Enquiry or by reason of the Bidder's failure to perform the said Enquiry. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees. _____).
3. The Bank further agrees that the Purchaser shall be the sole judge as to whether the said Bidder has committed any breach or breaches of any of the terms and conditions of the contract and the extent of loss, damage, costs, charges and expenses caused to or suffered by or that may be caused to or suffered by the Purchaser on account thereof, and the decision of the Purchaser that the said Bidder has committed such breach or breaches and as to the amount or amounts of loss, damage costs, charges and expenses caused to or suffered by or that may be caused to or suffered by the Purchaser from time to time shall be conclusive, final and binding on the Bank.
4. We undertake to pay to the Purchaser, any money so demanded notwithstanding any dispute or disputes raised by the Bidder in any suit or proceedings pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal.
5. It shall not be necessary for the Purchaser to proceed against the Bidder before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the Bank notwithstanding any security which the Purchaser may have obtained or obtains from the Bidder.
6. We _____ (indicate the name of Bank) further agree with the Purchaser, that the Purchaser

shall have the fullest liberty without our consent and without effecting in any manner our obligation hereunder to vary any of the terms and conditions of the said Enquiry or to extend time of performance by the said Bidder from time to time or to postpone for any time or to time any of the powers exercisable by the Purchaser against the said Bidder and to forbear or enforce any of the terms and conditions relating to the said Enquiry and we shall not be relieved from our liability by reasons of any such variation, or extension being granted to said Bidder or for any forbearance, Tender document for Supply & Maintenance of Desktop PC Page 47 of 48 act or

omission on the part of the Purchaser or any indulgence by the Purchaser, to the said Bidder or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

7. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Bidder.
8. We _____ (indicate the name of Bank) undertake not to revoke this Guarantee during its currency except with the previous written consent of the Purchaser, in writing.
9. Notwithstanding anything contained in the foregoing clauses, our liability under this guarantee is restricted to Rs. _____ (Rupees. _____) and our guarantee shall remain in force until _____ (Date of expiry of Bid validity+45 days). Unless a demand is made against us to enforce a claim under this guarantee within three months from the date of expiry of Bid validity, all your rights under this guarantee shall be forfeited and we shall be relieved and discharged from all liability hereunder.

DATE:
Bank)
PLACE:

For _____ (indicate the name of

BANK GUARANTEE PROFORMA

1. As agreed under the relevant terms and conditions of Purchase Order Ref dt (hereinafter called the said Purchase Order) between M/s. ITI Ltd., NS Unit, Dooravaninagar, Bangalore-560 016, India. (Hereinafter called the purchaser) and M/s. (Hereinafter called the supplier) for supply of the supplier hereby agrees to furnish a security Deposit against supply performance by way of an irrevocable Bank Guarantee for Rs..... (Rupees8.....) We (indicate the name of Bank) (hereinafter referred to as 'THE BANK' at the request of the supplier do hereby undertake to pay to the purchaser, an amount not exceeding Rs. (Rupees.) against any loss or damage caused to or suffered or would be caused to or suffered by the Purchaser, by reasons or breach by the said supplier of any of the terms or conditions contained in the said Purchase Order.
2. We (indicate the name of the Bank) do hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on a demand from the purchaser stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the purchaser, by reason of breach by the said supplier of any of the terms and conditions contained in the said Purchase Order or by reason of the supplier's failure to perform the said Purchase Order. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee shall be restricted to an amount not exceeding Rs..... (Rupees.....)
3. The Bank further agrees that the Purchaser shall be the sole judge as to whether the said Supplier has committed any breach or breaches of any of the terms and conditions of the contract and the extent of loss, damage, costs, charges and expenses caused to or suffered by or that may be caused to or suffered by the Purchaser on account thereof, and the decision of the Purchaser that the said Supplier has committed such breach or breaches and as to the amount or amounts of loss, damage costs, charges and expenses caused to or suffered by or that may be caused to or suffered by the Purchaser from time to time shall be conclusive, final and binding on the Bank.
4. We undertake to pay to the Purchaser, any money so demanded notwithstanding any dispute or disputes raised by the Supplier in any suit or proceedings pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal.
5. It shall not be necessary for the Purchaser to proceed against the Supplier before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the Bank notwithstanding any security which the Purchaser may have obtained or obtains from the Supplier.

6. We (indicate the name of Bank) further agree with the Purchaser, that the Purchaser shall have the fullest liberty without our consent and without effecting in any manner our obligation hereunder to vary any of the terms and conditions of the said Purchase Order or to extend time of performance by the said Supplier from time to time or to postpone for any time of from to time any of the powers exercisable by the Purchaser against the said Supplier and to forbear or enforce any of the terms and conditions relating to the said Purchase Order and we shall not be relieved from our liability by reasons of any such variation, or extension being granted to said Supplier or for any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser, to the said Supplier or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
7. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Supplier.
8. We (indicate the name of Bank) undertake not to revoke this Guarantee during its currency except with the previous written consent of the Purchaser, in writing.
9. Notwithstanding anything contained in the foregoing clauses, our liability under this guarantee is restricted to Rs.....(Rupees.....) and our guarantee shall remain in force until (Date of expiry of warranty period + 60 Days). Unless a demand is made against us to enforce a claim under this guarantee within twelve months from the date of expiry of warranty period, all your rights under this guarantee shall be forfeited and we shall be relieved and discharged from all liability hereunder.

DATE:
PLACE:

For (indicate the name of Bank)

MANDATORY UNDERTAKING

Undertaking as per the tender document Ref. No.:

dated.....

Undertaking-I

Provision of the Information Technology Act 2000 (No 21 of 2000)

(To be rendered on the Company letter head)

It is certified that (Company name), strictly adhere to all the provisions of the information technology act 2000(No 21 of 2000) of ministry of Law, Justice and company affairs government of India.

In case of any violation-deviation (company name) would be liable for any action under the provisions of the aforesaid law.

(Signed)

Designation/Name/Address of the Firm

Date:

Place:

ANNEXURE-16

CERTIFICATE: NON-MALICIOUS CODE

(To be rendered on the Company letter head)

1. This is to certify that the Hardware and the software being offered, as a part of the Contract, does not contain embedded malicious code that would activate procedure to:

- a) Inhibit the desired and designed function of the equipment.
- b) Cause physical damage to the user for equipment during the exploitation.
- c) Tap information, resident or transient in the equipment/Networks.

2. The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyrights and Intellectual Property Rights (IPRs) are caused due to activation of any such malicious code in embedded software.

(Signed)

Designation/Name/Address of the Firm

Date:

Place:

Undertaking from OEM

(To be rendered on the Company letter head)

As an OEM we undertake that:

Final delivery/supply of equipment/cards as part of Project "Customer project name" including spares / maintenance equipment to be provided during the warranty and AMC period will be Non-'Country of Concern' for "Customer project name."

Date:

(Signed & Stamp)

Place:

Designation/Name/Address of the Firm

Signature of the Bidder with stamp & date



हिंदी केवल एक भाषा नहीं बल्कि हमारी राष्ट्रीय पहचान है।



आईटीआई लिमिटेड

नेटवर्क सिस्टम्स युनिट - वित्त
दूरवाणीनगर, बेंगलूरु - 560 016, भारत
फोन : +91 (80) 2566 0503
: +91 (80) 2565 1714
ई.मेल : cfm_nsu@itilttd.co.in
वेबसाइट : www.itilttd.in
CIN No. : L32202KA1950GOI000640

ITI LIMITED

Network Systems Unit - Finance
Dooravaninagar
Bengaluru-560 016, India.
Tel : +91 (80) 2566 0503
: +91 (80) 2565 1714
E-mail : cfm_nsu@itilttd.co.in
Website : www.itilttd.in
GSTIN No. : 29AAACI4625C2ZU

MANDATE FORM FOR PAYMENT

1. Beneficiary Name & Address:	ITI Limited, Network Systems Unit Dooravaninagar, Bangalore 560 016
2. Bank, Branch Name & Address	State Bank of India Industrial Finance Branch, Residency Road, Bangalore - 560 025
3. Bank Account Number	10637729843
4. Bank MICR Code	560002059
5. Bank RTGS/ IFSC Code	SBIN0009077
7. Type of Account	CC A/C
8. PAN NO.	AAACI4625C

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

Yours faithfully

For ITI Limited, N.S. Unit

KANCHANA

Authorized Signatories

KANCHANA
Dy. Finance Manager
Network Systems Unit,
ITI Limited, Doorvaninagar,
Bangalore - 560016



Un price Bid-Part A

Signature of the Bidder with stamp & date

Un price Bid-Part-1 Performa (without GST)

Supply, Installation and Commissioning of Online UPS 5 KVA With One-Hour Battery Backup							
Tender Reference							
Name & Address of the Bidder							
Description		Supply, Installation and Commissioning of online UPS 5 KVA With One-Hour Battery Backup					
Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	Unit Price (INR)	Total Price(INR)
1.	5KVA, 48V online UPS (Cost including three years warranty and supply on site with manual)		1	212			
2.	Tubular Battery Bank for one-hour backup (calculated for full load)						
3.	Installation Accessories		1	212			
4.	Battery Rack						
5.	Installation and Commissioning		1	212			
6.	One year extended Warranty		1	212			
Total A1							

Signature of the Bidder with stamp & date

Supply, Installation and Commissioning Inverter 5 KVA With One-Hour Battery Backup

Tender Reference							
Name & Address of the Bidder							
Description		Supply, Installation and Commissioning of INVERTER 5 KVA WITH ONE-HOUR BATTERY BACKUP					
Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	Unit Price (INR)	Total Price(INR)
1.	5KVA, 48V Inverter (Cost including two years warranty and supply on site with manual)		1	213			
2.	Tubular Battery Bank for one-hour backup (calculated for full load)						
3.	Installation Accessories		1	213			
4.	Battery Rack						
5.	Installation and Commissioning		1	213			
6.	One year extended Warranty		1	213			
						Total A2	

Signature of the Bidder with stamp & date

Un price Bid-Part-2 (Without GST)

Annual Maintenance Contract (AMC) for ONLINE

UPS 5 KVA and INVERTER 5 KVA with One-Hour

Battery Backup each

ONLINE UPS- 5 KVA, Inverter – 5KVA each with one Hr Back UP.			
Tender Reference			
Name & Address of the Bidder			
Description		Annual Maintenance Contract (AMC)	
AMC charges for 8 years after Warranty period of 3 years			
Sl. No.	Description	Price in Rupees	
		ONLINE UPS 5 KVA	Inverter 5 KVA
1	1 st year of AMC		
2	2 nd year of AMC		
3	3 rd year of AMC		
4	4 th year of AMC		
5	5 th year of AMC		
6	6 th year of AMC		
7	7 th year of AMC		
8	8 th year of AMC		
	Total of 8 years of AMC		
Total- A3			

Signature of the Bidder with stamp & date

Part-B

Signature of the Bidder with stamp & date

General:

ITI limited is looking for some of the Online UPSs of the following capacities also for its project. The interested vendor may quote as per the specifications listed below. This will not be considered for selecting the L1 vendor of this tender.

Bill of Quantity

S No	Product	Quantity
1	Supply of 5KVA, (-) 48V online UPS	60 Nos
2	SMF Battery Bank for one-hour backup (calculated for full load)	
3	Installation Accessories	
4	Battery and ONLINE UPS Interconnecting Cables; Battery Interconnecting Cables	
5	Battery Rack	
6	Installation and Commissioning	
7	Composite Warranty	
8	Training and Operational Manuals as per Clause 17	

S No	Product	Quantity
1	Supply of 800 VA, Online UPS	20 Nos
2	SMF Battery Bank for one-hour backup (calculated for full load)	
3	Installation Accessories	
4	Battery and ONLINE UPS Interconnecting Cables; Battery Interconnecting Cables	
5	Battery Rack	
6	Installation and Commissioning	
7	Composite Warranty	
8	Training and Operational Manuals as per Clause 17	

S No	Product	Quantity
1	Supply of 1 KVA, Online UPS	46 Nos
2	SMF Battery Bank for one-hour backup (calculated for full load)	
3	Installation Accessories	
4	Battery and ONLINE UPS Interconnecting Cables; Battery Interconnecting Cables	
5	Battery Rack	
6	Installation and Commissioning	
7	Composite Warranty	
8	Training and Operational Manuals as per Clause 17	

Signature of the Bidder with stamp & date

Tender for Supply, Installation and Commissioning of Online UPS and Inverter



S No	Product	Quantity
1	Supply of 30 KVA Online UPS (1+1) Configuration	02 Nos
2	SMF Battery Bank for one-hour backup (calculated for full load)	
3	Installation Accessories	
4	Battery and ONLINE UPS Interconnecting Cables; Battery Interconnecting Cables	
5	Battery Rack	
6	Installation and Commissioning	
7	Composite Warranty	
8	Training and Operational Manuals as per Clause 17	

NOTE:

- a) ITI reserves the right for placement of order if required within one year of original order date.
- b) The supplier will not be entitled, to any compensation for any increase / decrease in the quantities of work done and materials supplied.
- c) All the above Online UPS is required with one-hour backup.
- d) The Battery banks to be provided for any rating of Online UPS and Inverter procured through this tender will be of reputed and competent make i.e., EXIDE, Amara Raja, and Luminous.
- e) The cables to be supplied with battery banks and battery to Online UPS and Inverter connections should be ISI mark and reputed make i.e. Finolex, KEI, RR Cables, Havells and Polycab or equivalent.

Signature of the Bidder with stamp & date

Technical Specification

5 KVA Online UPS with Suitable Battery Capacity for One-hour Backup on full Load

S. No.	Parameters	Details	Remarks
1	Input Voltage	240 V , Single Phase(L-N),	
2	Output voltage	230 V – 240 V single phase	(± 1% Tolerance)
3	Output Frequency	50 Hz ± 4%	
4	Input Power Factor	0.8 to 0.99	
5	High Voltage input and short circuit protection	SPD must be provided	
6	Lightening and Surge protection		
7	Input DC Voltage	(-) 48 VDC (Typical)	
8	Battery Bank	48V (SMF)	
9	LCD Display	Alarm, O/p Voltage, I/P voltage, load current	
10	Back feed Protection		
11	Main High	Alarm at 265V(L-N), cut-off	
12	Main Low cut-off	180 VAC(L-N)	
13	Wave form	Pure sine	
14	THD	<3%	
15	Efficiency	Better than 80%	
a	On Line mode (No battery charging)		
b	On Line mode (Full load)		
c	Battery mode (Full load)		
16	Short circuit shutdown		
17	Manual Bypass facility		
18	Battery charging control	Enable/Disable through switch/Software	
19	Overload Protection	Overload capacity125% for 10min & 150% for 1 Min	
20	Backup	1 Hour Backup at Full load	
21	Audible alarm		
22	POTENTIAL FREE contacts for alarms		
23	SNMP RJ45 Port or Ethernet and RS-232	with software	
24	Operating Temperature Range	-5°C to +45°C.	100 % loading at 40°C.
25	Storage Temperature	-20°C to +70°C.	

Signature of the Bidder with stamp & date

Tender for Supply, Installation and Commissioning of Online UPS and Inverter



26	Relative Humidity	>95% for 40°C	
27	Battery low alarm		
28	Charge current (Normal I/P) maximum (Battery)		
29	Charge current (Normal I/P) Default (Battery)		
30	Shutdown voltage (Battery)/ Disconnect Voltage		
31	Floating voltage (Battery)		
32	Load Disconnect		
33	Composite Warranty	Three Years from the date of I&C	

ALARM INDICATIONS		
S. No.	Parameters	Remarks
1	Visual display AC Input voltage (L-N),	
2	AC Output voltage (L-N)	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	
6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like ONLINE UPS OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

Signature of the Bidder with stamp & date

800 VA Cold Start Online UPS with Suitable Battery Capacity for One-hour Backup on full Load

S. No.	Parameters	Details	Remarks
1	Input Voltage	240 V , Single Phase(L-N),	
2	Output voltage	230 V – 240 V single phase	(± 1% Tolerance),
3	Output Frequency	50 Hz ± 4%	
4	Input Power Factor	0.8 to 0.99	
5	High Voltage input and short circuit protection	SPD must be provided	
6	Lightening and Surge protection		
7	Input DC Voltage	12 V (Typical)	
8	Battery Bank	12V (SMF)	
9	LCD Display	Alarm, O/p Voltage, I/P voltage, load current	
10	Back feed Protection		
11	Main High	Alarm at 265V(L-N), cut-off	
12	Main Low cut-off	180 V AC(L-N)	
13	Wave form	Pure sine	
14	THD	<3%	
15	Efficiency	Better than 80%	
a	On Line mode (No battery charging)		
b	On Line mode (Full load)		
c	Battery mode (Full load)		
16	Short circuit shutdown		
17	Manual Bypass facility		
18	Battery charging control	Enable/Disable through switch/Software	
19	Overload Protection	Overload capacity 125% for 10 min & 150% for 1 Min	
20	Backup	1 Hour Backup at Full load	
21	Audible alarm		
22	POTENTIAL FREE contacts for alarms		
23	SNMP RJ45 Port or Ethernet and RS-232	with software	
24	Operating Temperature Range	-5°C to +45°C.	100 % loading at 40°C.
25	Storage Temperature	-20°C to +70°C.	
26	Relative Humidity	>95% for 40°C	
27	Battery low alarm		
28	Charge current (Normal I/P) maximum(Battery)		

Signature of the Bidder with stamp & date

Tender for Supply, Installation and Commissioning of Online UPS and Inverter



29	Charge current (Normal I/P) Default(Battery)		
30	Shutdown voltage (Battery)/ Disconnect Voltage		
31	Floating voltage (Battery)		
32	Load Disconnect		
33	Composite Warranty	Three Years from the date of I&C	

ALARM INDICATIONS		
S. No.	Parameters	Remarks
1	Visual display AC Input voltage (L-N)	
2	AC Output voltage (L-N)	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	
6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like ONLINE UPS OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

1 KVA Online UPS with Suitable Battery Capacity for One-hour Backup on full Load

S. No.	Parameters	Details	Remarks
1	Input Voltage	240 V , Single Phase(L-N),	
2	Output voltage	230 V – 240 V (\pm 1% Tolerance), single phase	
3	Output Frequency	50 Hz \pm 4%	
4	Input Power Factor	0.8 to 0.99	
5	High Voltage input and short circuit protection	SPD must be provided	
6	Lightening and Surge protection		
7	Input DC Voltage		
8	Battery Bank		
9	LCD Display	Alarm, O/p Voltage, I/P voltage, load current	
10	Back feed Protection		
11	Main High	Alarm at 265V(L-N), cut-off	
12	Main Low cut-off	180 VAC(L-N)	
13	Wave form	Pure sine	
14	THD	<3%	

Signature of the Bidder with stamp & date

Tender for Supply, Installation and Commissioning of Online UPS and Inverter



15	Efficiency	Better than 80%	
a	On Line mode (No battery charging)		
b	On Line mode(Full load)		
c	Battery mode(Full load)		
16	Short circuit shutdown		
17	Manual Bypass facility		
18	Battery charging control	Enable/Disable through switch/Software	
19	Overload Protection	Overload capacity125% for 10 min & 150% for 1 Min	
20	Backup	1 Hour Backup at Full load	
21	Audible alarm		
22	POTENTIAL FREE contacts for alarms		
23	SNMP RJ45 Port or Ethernet and RS-232	with software	
24	Operating Temperature Range	-5°C to +45°C.	100 % loading at 40°C.
25	Storage Temperature	-20°C to +70°C.	
26	Relative Humidity	>95% for 40°C	
27	Battery low alarm		
28	Charge current (Normal I/P) maximum(Battery)		
29	Charge current (Normal I/P) Default(Battery)		
30	Shutdown voltage(Battery)/ Disconnect Voltage		
31	Floating voltage(Battery)		
32	Load Disconnect		
33	Composite Warranty	Three Years from the date of I&C	

ALARM INDICATIONS

S. No.	Parameters	Remarks
1	Visual display AC Input voltage (Line to Neutral),	
2	AC Output voltage (Line to Neutral),	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	
6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like Online UPS OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

Signature of the Bidder with stamp & date

30 KVA Online UPS (1+1) Configuration with Suitable Battery Capacity for One-hour Backup on full Load

S. No.	Parameters	Details
1	Supply of 30 KVA	(1+1) configuration, Online UPS
2	Input Voltage	415 V(L-L) , 3-Phase
3	Output voltage	230 V(L-N) (\pm 1% Tolerance), 3- Phase
4	Output Frequency	50 Hz \pm 4%
5	Input Power Factor	0.8 to 0.99
6	High Voltage input and short circuit protection	SPD must be provided
7	Lightening and Surge protection	
8	Input DC Voltage	80% efficiency of full load
9	Battery Bank	Tubular (capacity as per 1 hour backup on full load)
10	LCD Display	Alarm, O/p Voltage, I/P voltage, load current
11	Back feed Protection	Required
12	Main High	Alarm at 265V(L-N), cut-off
13	Main Low cut-off	180 VAC(L-N)
14	Wave form	Pure sine
15	THD	<3%
16	Efficiency	Better than 80%
a	On Line mode (No battery charging)	
b	On Line mode(Full load)	
c	Battery mode(Full load)	
17	Short circuit shutdown	
18	Manual Bypass facility	
19	Battery charging control	Enable/Disable through switch/Software
20	Overload Protection	Overload capacity 125% for 10min & 150% for 1 Min
21	Backup	1 Hour Backup at Full load
22	Audible alarm	
23	Potential Free contacts for alarms	
24	SNMP RJ45 Port or Ethernetand RS-232	with software
25	Operating Temperature Range	-5°C to +45°C.
26	Storage Temperature	-20°C to +70°C.

Signature of the Bidder with stamp & date

Tender for Supply, Installation and Commissioning of Online UPS and Inverter



27	Relative Humidity	>95% Non-condensing
28	Battery low alarm	
29	Charge current (Normal I/P) maximum(Battery)	
30	Charge current (Normal I/P) Default(Battery)	
31	Shutdown voltage(Battery)/ Disconnect Voltage	
32	Floating voltage(Battery)	
33	Load Disconnect	
34	Composite Warranty	Three Years from the date of I&C (On Site)

ALARM INDICATIONS		
S. No.	Parameters	Remarks
1	Visual display AC Input voltage (Line to line or line to neutral)	
2	AC Output voltage (Line to line or line to neutral)	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	
6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like ONLINE UPS OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

Signature of the Bidder with stamp & date

Technical Compliance Sheet

Signature of the Bidder with stamp & date

5 KVA Online UPS WITH ONE-HOUR BATTERY BACKUP (60 Quantity)

S. No.	Parameters	Details	Compliance
1	Input Voltage	240 V , Single Phase(L-N),	
2	Output voltage	230 V – 240 V single phase	(± 1% Tolerance),
3	Output Frequency	50 Hz ± 4%	
4	Input Power Factor	0.8 to 0.99	
5	High Voltage input and shortcircuit protection	SPD must be provided	
6	Lightening and Surge protection		
7	Input DC Voltage	(-) 48 VDC (Typical)	
8	Battery Bank	48V (SMF)	
9	LCD Display	Alarm, O/p Voltage, I/P voltage, load current	
10	Back feed Protection		
11	Main High	Alarm at 265V(L-N), cut-off	
12	Main Low cut-off	180 VAC(L-N)	
13	Wave form	Pure sine	
14	THD	<3%	
15	Efficiency	Better than 80%	
a	On Line mode (No battery charging)		
b	On Line mode(Full load)		
c	Battery mode(Full load)		
16	Short circuit shutdown		
17	Manual Bypass facility		
18	Battery charging control	Enable/Disable through switch/Software	
19	Overload Protection	Overload capacity125% for 10min & 150% for 1 Min	
20	Backup	1 Hour Backup at Full load	
21	Audible alarm		
22	POTENTIAL FREE contacts for alarms		
23	SNMP RJ45 Port or Ethernetand RS-232	with software	
24	Operating Temperature Range	-5°C to +45°C. (100 % loading at 40°C)	
25	Storage Temperature	-20°C to +70°C.	

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Tender for Supply, Installation and Commissioning of Online UPS and Inverter



S. No.	Parameters	Details	Compliance
26	Relative Humidity	>95% for 40°C	
27	Battery low alarm		
28	Charge current(Normal I/P) maximum(Battery)		
29	Charge current(Normal I/P) Default(Battery)		
30	Shutdown voltage(Battery)/ Disconnect Voltage		
31	Floating voltage(Battery)		
32	Load Disconnect		
33	Composite Warranty	Three Years from the date of I&C	

ALARM INDICATIONS		
S. No.	Parameters	Compliance
1	Visual display AC Input voltage (L-N),	
2	AC Output voltage (L-N)	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	
6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like ONLINE UPS OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

800 VA ONLINE UPS WITH ONE-HOUR BATTERY BACKUP (20 Quantity- Optional)

S. No.	Parameters	Details	Compliance
1	Input Voltage	240 V , Single Phase(L-N),	
2	Output voltage	230 V – 240 V single phase	(± 1% Tolerance),
3	Output Frequency	50 Hz ± 4%	
4	Input Power Factor	0.8 to 0.99	
5	High Voltage input and short circuit protection	SPD must be provided	
6	Lightening and Surge protection		
7	Input DC Voltage	12 VDC (Typical)	

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Tender for Supply, Installation and Commissioning of Online UPS and Inverter



8	Battery Bank	12V (SMF)	
9	LCD Display	Alarm, O/p Voltage, I/P voltage, load current	
10	Back feed Protection		
11	Main High	Alarm at 265V(L-N), cut-off	
12	Main Low cut-off	180 VAC(L-N)	
13	Wave form	Pure sine	
14	THD	<3%	
15	Efficiency	Better than 80%	
a	On Line mode (No battery charging)		
b	On Line mode(Full load)		
c	Battery mode(Full load)		
16	Short circuit shutdown		
17	Manual Bypass facility		
18	Battery charging control	Enable/Disable through switch/Software	
19	Overload Protection	Overload capacity125% for 10 min & 150% for 1 Min	
20	Backup	1 Hour Backup at Full load	
21	Audible alarm		
22	POTENTIAL FREE contacts for alarms		
23	SNMP RJ45 Port or Ethernet and RS-232	with software	
24	Operating Temperature Range	-5°C to +45°C	
25	Storage Temperature	-20°C to +70°C.	
26	Relative Humidity	>95%	
27	Battery low alarm		
28	Charge current(Normal I/P) maximum(Battery)		
29	Charge current(Normal I/P) Default(Battery)		
30	Shutdown voltage(Battery)/ Disconnect Voltage		
31	Floating voltage(Battery)		
32	Load Disconnect		
33	Composite Warranty	Three Years from the date of I&C	

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ALARM INDICATIONS		
S. No.	Parameters	Compliance
1	Visual display AC Input voltage (L-N)	
2	AC Output voltage (L-N)	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	
6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like ONLINE UPS OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

1 KVA ONLINE UPS WITH ONE-HOUR BATTERY BACKUP (46 Quantity)

S. No.	Parameters	Details	Compliance
1	Input Voltage	240 V , Single Phase(L-N),	
2	Output voltage	230 V – 240 V ($\pm 1\%$ Tolerance), single phase	
3	Output Frequency	50 Hz $\pm 4\%$	
4	Input Power Factor	0.8 to 0.99	
5	High Voltage input and short circuit protection	SPD must be provided	
6	Lightening and Surge protection		
7	Input DC Voltage	12 Volt	
8	Battery Bank	12 Volt (SMF)	
9	LCD Display	Alarm, O/p Voltage, I/P voltage, load current	
10	Back feed Protection		
11	Main High	Alarm at 265V(L-N), cut-off	
12	Main Low cut-off	180 VAC(L-N)	
13	Wave form	Pure sine	
14	THD	<3%	
15	Efficiency	Better than 80%	
a	On Line mode (No battery charging)		
b	On Line mode(Full load)		
c	Battery mode(Full load)		
16	Short circuit shutdown		
17	Manual Bypass facility		
18	Battery charging control	Enable/Disable through switch/Software	

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Tender for Supply, Installation and Commissioning of Online UPS and Inverter



19	Overload Protection	Overload capacity 125% for 10 min & 150% for 1 Min	
20	Backup	1 Hour Backup at Full load	
21	Audible alarm		
22	POTENTIAL FREE contacts for alarms		
23	SNMP RJ45 Port or Ethernet and RS-232	with software	
24	Operating Temperature Range	-5°C to +45°C. (100 % loading at 40°C)	
25	Storage Temperature	-20°C to +70°C.	
26	Relative Humidity	>95% for 40°C	
27	Battery low alarm		
28	Charge current(Normal I/P) maximum(Battery)		
29	Charge current(Normal I/P) Default(Battery)		
30	Shutdown voltage(Battery)/ Disconnect Voltage		
31	Floating voltage(Battery)		
32	Load Disconnect		
33	Composite Warranty	Three Years from the date of I&C	

ALARM INDICATIONS		
S. No.	Parameters	Compliance
1	Visual display AC Input voltage (Line to Neutral),	
2	AC Output voltage (Line to Neutral),	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	
6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like ONLINE UPS OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

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30 KVA (1+ 1 Configuration) UPS WITH ONE-HOUR BATTERY BACKUP (Quantity- 2 Sets)

S. No.	Parameters	Details	Compliance
1	Input Voltage	415 V(L-L) , 3-Phase	
2	Output voltage	230 V(L-N) ($\pm 1\%$ Tolerance), 3-Phase	
3	Output Frequency	50 Hz $\pm 4\%$	
4	Input Power Factor	0.8 to 0.99	
5	High Voltage input and short circuit protection	SPD must be provided	
6	Lightening and Surge protection		
7	Input DC Voltage	80% efficiency of full load	
8	Battery Bank	Tubular (capacity as per 1 hour backup on full load)	
9	LCD Display	Alarm, O/p Voltage, I/P voltage, load current	
10	Back feed Protection		
11	Main High	Alarm at 265V(L-N), cut-off	
12	Main Low cut-off	180 VAC(L-N)	
13	Wave form	Pure sine	
14	THD	<3%	
15	Efficiency	Better than 80%	
a	On Line mode (No battery charging)		
b	On Line mode(Full load)		
c	Battery mode(Full load)		
16	Short circuit shutdown		
17	Manual Bypass facility		
18	Battery charging control	Enable/Disable through switch/Software	
19	Overload Protection	Overload capacity 125% for 10 min & 150% for 1 Min	
20	Backup	1 Hour Backup at Full load	
21	Audible alarm		
22	Potential Free contacts for alarms		
23	SNMP RJ45 Port or Ethernet and RS-232	with software	
24	Operating Temperature Range	-5°C to +45°C. (100 % loading at 40°C)	
25	Storage Temperature	-20°C to +70°C.	
26	Relative Humidity	>95% for 40°C	
27	Battery low alarm		
28	Charge current (Normal I/P) maximum(Battery)		
29	Charge current (Normal I/P) Default(Battery)		

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Tender for Supply, Installation and Commissioning of Online UPS and Inverter



30	Shutdown voltage(Battery)/ Disconnect Voltage		
31	Floating voltage(Battery)		
32	Load Disconnect		
33	Composite Warranty	Three Years from the date of I&C(On Site)	

ALARM INDICATIONS		
S. No.	Parameters	Compliance
1	Visual display AC Input voltage (Line to line or line to neutral)	
2	AC Output voltage (Line to line or line to neutral)	
3	AC output current	
4	Battery voltage,	
5	Battery charging current,	
6	Input frequency,	
7	Output frequency,	
8	Input/ Output KW	
9	Power factor.	
10	System self-Diagnostic test capable or not –Like UPS OK	
11	Low battery voltage	
12	Fuse opens	
13	Battery discharging mode.	

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Un price Bid-Part B

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Un price Bid-Part-1 Performa (without GST)

Supply, Installation and Commissioning of ONLINE UPS 1 KVA With One-Hour Battery Backup							
Tender Reference							
Name & Address of the Bidder							
Description		Supply, Installation and Commissioning of Online UPS 1 KVA WITH one-hour battery backup					
Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	Unit Price (INR)	Total Price(INR)
1.	1KVA, ONLINE UPS (Cost including two years warranty and Supply on site with manual)		1	46			
2.	SMF Battery Bank for one hour backup (calculated for full load)						
3.	Installation Accessories		1	46			
4.	Battery Rack						
5.	Installation and Commissioning		1	46			
6.	One year extended Warranty		1	46			
						Total B1	

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Supply, Installation and Commissioning of ONLINE UPS 800 VA With One-Hour Battery Backup

Tender Reference							
Name & Address of the Bidder							
Description		Supply, Installation and Commissioning of Online UPS 800 VA with one-hour battery backup					
Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	Unit Price (INR)	Total Price(INR)
1.	800 VA, ONLINE UPS (Cost including two years warranty and Supply on site with manual)		1	20			
2.	SMF Battery Bank for one-hour backup (calculated for full load)						
3.	Installation Accessories		1	20			
4.	Battery Rack						
5.	Installation and Commissioning		1	20			
6.	One year extended Warranty		1	20			
Total B2							

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Supply, Installation and Commissioning of ONLINE UPS 5 KVA With One-Hour Battery Backup

Tender Reference							
Name & Address of the Bidder							
Description		Supply, Installation and Commissioning of online UPS 5 KVA with one-hour battery backup					
Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	Unit Price (INR)	Total Price(INR)
1.	5KVA, 48V ONLINE UPS (Cost including two years warranty and Supply on site with manual)		1	60			
2.	SMF Battery Bank for one-hour backup (calculated for full load)						
3.	Installation Accessories		1	60			
4.	Battery Rack						
5.	Installation and Commissioning		1	60			
6.	One year extended Warranty		1	60			
Total B3							



Supply, Installation and Commissioning of Online UPS 30 KVA With One-Hour Battery Backup

Tender Reference							
Name & Address of the Bidder							
Description		Supply, Installation and Commissioning of Online UPS 30KVA with one-hour battery backup					
Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	Unit Price (INR)	Total Price(INR)
1.	30 KVA, ONLINE UPS (1+1) configuration and Cost including two years warranty and supply on site with manual		1 Set	2 Set			
2.	Tubular Battery Bank for one-hour backup (calculated for full load)						
3.	Installation Accessories		1	2			
4.	Battery Rack						
5.	Installation and Commissioning		1	2			
6.	One year extended Warranty		1	2			
						Total B4	

Un price Bid- Part -2 (Without GST) for Items Annual

Maintenance Contract (AMC) for ONLINE UPS 5 KVA, 800 VA,

1 KVA and 30 KVA UPS (1+1) each with one-hour battery backup

ONLINE UPS- 800 VA, 1KVA, 5 KVA and 30 KVA Each with One-hour backup					
Tender Reference					
Name & Address of the Bidder					
Description		Annual Maintenance Contract (AMC)			
AMC charges for 8 years after Warranty period of 3 years					
Sl. No.	Description	Price in Rupees			
		ONLINE UPS 800 VA	ONLINE UPS 1 KVA	ONLINE UPS 5 KVA	ONLINE UPS 30 KVA
1	1 st year of AMC				
2	2 nd year of AMC				
3	3 rd year of AMC				
4	4 th year of AMC				
5	5 th year of AMC				
6	6 th year of AMC				
7	7 th year of AMC				
8	8 th year of AMC				
	Total of 8 years of AMC				
Total- B5					

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SUMMARY of BIDS

I. Total for Price Bid Part A

Supply and I&C of ONLINE UPS 5 KVA INVERTER, 5 KVA ONLINE UPS EACH WITH ONE-HOUR BATTERY BACKUP Amount [Total A1 +Total A2]	
AMC charges of ONLINE UPS 5 KVA, ` INVERTER 5 KVA[Total A3]	
Grand Total [Total A1 + Total A2 + Total A3]	

II. Total for Price Bid Part B

Additional Items	
Supply of ONLINE UPS 800 VA, 1 KVA, 30 KVA UPS (1+1 config) and 5 KVA each with one-hour battery backup Amount [Total B1+Total B2+ Total B3+ Total B4]	
AMC charges of ONLINE UPS 800 VA, 1 KVA, 30 KVA UPS (1+1 config) and 5KVA UPSs each with one-hour battery backup [Total B5]	
Grand Total [Total B1+ Total B2+ Total B3+ Total B4+ Total B5]	

Note:

- The Bidder has to provide quote and compliance for all the capacities mentioned.
- The 5 KVA Online UPS and 5 KVA inverters (with Lead Acid Batteries), mentioned in **Part-A**, are required immediately and the rest are required during the project execution.
- The vendor shall quote **Part-A** and **Part-B** of price bid for items and **AMC charges**, however, this tender will be evaluated based on **Part-A price bid and AMC charges** for those items.

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ADDITIONAL INSTRUCTIONS FOR BIDDERS

The bidders are required to submit soft copies of their bid electronically on the e-Wizard Portal using valid Digital Signature Certificates. Below mentioned instructions are meant to guide the bidders for registration on the e-Wizard Portal, prepare their bids in accordance with the requirements and submit their bids online on the e-Wizard Portal. For more information, bidders may visit the Portal (<https://itilimited.ewizard.in>)

1. REGISTRATION PROCESS ON ONLINE PORTAL

- a) Bidders to enroll on the e-Procurement module of the portal <https://itilimited.ewizard.in> by clicking on the link “Bidder Enrolment”.
- b) The bidders to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. This would be used for any communication from the e-Wizard Portal.
- c) Bidders to register upon enrolment, with their valid Digital Signature Certificate (Class III Certificates with signing and Encryption key) issued by any Certifying Authority recognized by CCA India with their profile.
- d) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- e) Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token.
- f) After registration send mail to Helpdesk: helpdeskeuniwizarde@gmail.com for Account activation.
- g) As per portal norms Registration Fee will be applicable.

2. TENDER DOCUMENTS SEARCH

- a) Various built-in options are available in the e-Wizard Portal like Department name, Tender category, estimated value, Date, other keywords, etc. to search for a tender published on the Online Portal.
- b) Once the bidders have selected the tenders they are interested in; they may download the required documents/tender schedules. These tenders can be moved to the respective ‘Interested tenders’ folder.
- c) The bidder should make a note of the unique Tender No assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

3. BID PREPARATION

- a) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- c) Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that needs to be

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submitted. Any deviations from these may lead to rejection of the bid.

d) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/XLSX/PNG, etc. formats.

4. BID SUBMISSION

a) Bidder to log into the site well in advance for bid submission so that he/she uploads the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

b) The bidder to digitally sign and upload the required bid documents one by one as indicated in the tender document.

c) Bidders to note that they should necessarily submit their financial bids in the prescribed format given by department and no other format is acceptable.

d) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, the opening of bids, etc. The bidders should follow this time during bid submission.

e) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data, which cannot be viewed by unauthorized persons until the time of bid opening.

f) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

g) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

h) The off-line tender shall not be accepted and no request in this regard will be entertained whatsoever.

i) As per portal norms Tender Processing Fee will be applicable.

5. AMENDMENT OF BID DOCUMENT

At any time prior to the deadline for submission of proposals, the department reserve the right to add/modify/delete any portion of this document by the issuance of a Corrigendum, which would be published on the website and will also be made available to the all the Bidder who has been issued the tender document. The Corrigendum shall be binding on all bidders and will form part of the bid documents.

6. ASSISTANCE TO BIDDERS

a) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

b) Any queries relating to the process of online bid submission or queries relating to e- Wizard Portal, in general, may be directed to the 24x7 e-Wizard Helpdesk.

c) The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of the bid(s).

d) The bid should be submitted through e-Wizard portal (<https://itilimited.ewizard.in>) only.

e) All payments should be done through e-Wizard Payment gateway

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Annexure D

Supply, Installation and Commissioning of Online UPS 5 KVA With One-Hour Battery Backup											
Tender Reference		NSU 4H 40H Dtd. 11.09.2024									
Name & Address of the Bidder											
Description		Supply, Installation and Commissioning of online UPS 5 KVA With One-Hour Battery Backup									
Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	HSN Code for the Item	Unit Price (INR)	Total Price(INR) (E*H)	% of GST for corresponding HSN Code	GST Amount	Total Value (I+K)
A	B	C	D	E	F	G	H	I	J	K	L
1	5KVA, 48V online UPS(Cost including three years warranty and supply on site with manual)		1	212							
2	Tubular Battery Bank for one-hour backup (calculated for full load)										
3	Installation Accessories		1	212							
4	Battery Rack										
5	Installation and Commissioning		1	212							
6	One year extended Warranty		1	212							
										Total A1	
Note: (Relevant Columns to be filled with PERCENTAGE / NUMERICAL Values ONLY. Quoted Price is including Packing/Forwarding Charges (if any)and Frieght/Insurance Charges (if any))											



Supply, Installation and Commissioning Inverter 5 KVA With One-Hour Battery Backup

Tender Reference		NSU 4H 40H Dtd. 11.09.2024									
Name & Address of the Bidder											
Description		Supply, Installation and Commissioning of INVERTER 5 KVA WITH ONE-HOUR BATTERY BACKUP									
Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	HSN Code for the Item	Unit Price (INR)	Total Price(INR) (E*H)	% of GST for corresponding HSN Code	GST Amount	Total Value (I+K)
A	B	C	D	E	F	G	H	I	J	K	L
1	5KVA, 48V Inverter (Cost including two years warranty and supply on site with manual)		1	213							
2	Tubular Battery Bank for one-hour backup (calculated for full load)										
3	Installation Accessories		1	213							
4	Battery Rack										
5	Installation and Commissioning		1	213							
6	One year extended Warranty		1	213							
										Total A2	

Note: (Relevant Columns to be filled with PERCENTAGE / NUMERICAL Values ONLY. Quoted Price is including Packing/Forwarding Charges (if any)and Frieght/Insurance Charges (if any))



Annual Maintenance Contract (AMC) for ONLINE UPS- 5 KVA, Inverter – 5KVA each with one Hr Back UP.

Tender Reference		NSU 4H 40H Dtd. 11.09.2024					
Name & Address of the Bidder							
Description		Annual Maintenance Contract (AMC) for Online UPS 5 KVA With One-Hour Battery Backup					
Sl. No.	Items Description	Quantity	Unit	Total Price(INR)	% of GST	GST Amount	Total Value (E+G)
A	B	C	D	E	F	G	H
1	AMC Cost for 1st Year	1	Year				
2	AMC Cost for 2nd Year	1	Year				
3	AMC Cost for 3rd Year	1	Year				
4	AMC Cost for 4th Year	1	Year				
5	AMC Cost for 5th Year	1	Year				
6	AMC Cost for 6th Year	1	Year				
7	AMC Cost for 7thYear	1	Year				
8	AMC Cost for 8th Year	1	Year				
Total Cost for 8 years of AMC							
Description		Annual Maintenance Contract (AMC) for Inverter 5 KVA With One-Hour Battery Backup					
1	AMC Cost for 1st Year	1	Year				
2	AMC Cost for 2nd Year	1	Year				
3	AMC Cost for 3rd Year	1	Year				
4	AMC Cost for 4th Year	1	Year				
5	AMC Cost for 5th Year	1	Year				
6	AMC Cost for 6th Year	1	Year				
7	AMC Cost for 7thYear	1	Year				
8	AMC Cost for 8th Year	1	Year				
Total Cost for 8 years of AMC							
Total A3							
Note: (Relevant Columns to be filled with PERCENTAGE / NUMERICAL Values ONLY. Quoted Price is including Packing/Forwarding Charges (if any)and Frieght/Insurance Charges (if any))							



Supply, Installation and Commissioning of Online UPS 1 KVA With One-Hour Battery Backup

Tender Reference

NSU 4H 40H Dtd. 11.09.2024

Name & Address of the Bidder

Description

Supply, Installation and Commissioning of Online UPS 1 KVA With One-Hour Battery Backup

Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	HSN Code for the Item	Unit Price (INR)	Total Price(INR) (E*H)	% of GST for corresponding HSN Code	GST Amount	Total Value (I+K)
A	B	C	D	E	F	G	H	I	J	K	L
1	1KVA, ONLINE UPS (Cost including two years warranty and Supply on site with manual)		1	46							
2	SMF Battery Bank for one hour backup (calculated for full load)										
3	Installation Accessories		1	46							
4	Battery Rack										
5	Installation and Commissioning		1	46							
6	One year extended Warranty		1	46							
Total B1											
Note: (Relevant Columns to be filled with PERCENTAGE / NUMERICAL Values ONLY. Quoted Price is including Packing/Forwarding Charges (if any)and Frieght/Insurance Charges (if any))											



Supply, Installation and Commissioning of Online UPS 800 VA With One-Hour Battery Backup

Tender Reference		NSU 4H 40H Dtd. 11.09.2024									
Name & Address of the Bidder											
Description		Supply, Installation and Commissioning of Online UPS 800 VA With One-Hour Battery Backup									
Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	HSN Code for the Item	Unit Price (INR)	Total Price(INR) (E*H)	% of GST for corresponding HSN Code	GST Amount	Total Value (I+K)
A	B	C	D	E	F	G	H	I	J	K	L
1	800 VA, ONLINE UPS (Cost including two years warranty and Supply on site with manual)		1	20							
2	SMF Battery Bank for one-hour backup (calculated for full load)										
3	Installation Accessories		1	20							
4	Battery Rack										
5	Installation and Commissioning		1	20							
6	One year extended Warranty		1	20							
										Total B2	

Note: (Relevant Columns to be filled with PERCENTAGE / NUMERICAL Values ONLY. Quoted Price is including Packing/Forwarding Charges (if any)and Frieght/Insurance Charges (if any))



Supply, Installation and Commissioning of Online UPS 5 KVA With One-Hour Battery Backup

Tender Reference		NSU 4H 40H Dtd. 11.09.2024									
Name & Address of the Bidder											
Description		Supply, Installation and Commissioning of Online UPS 5 KVA With One-Hour Battery Backup									
Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	HSN Code for the Item	Unit Price (INR)	Total Price(INR) (E*H)	% of GST for corresponding HSN Code	GST Amount	Total Value (I+K)
A	B	C	D	E	F	G	H	I	J	K	L
1	5KVA, 48V ONLINE UPS (Cost including two years warranty and Supply on site with manual)		1	60							
2	SMF Battery Bank for one-hour backup (calculated for full load)										
3	Installation Accessories		1	60							
4	Battery Rack										
5	Installation and Commissioning		1	60							
6	One year extended Warranty		1	60							
Total B3											
Note: (Relevant Columns to be filled with PERCENTAGE / NUMERICAL Values ONLY. Quoted Price is including Packing/Forwarding Charges (if any)and Frieght/Insurance Charges (if any))											



Supply, Installation and Commissioning of Online UPS 30 KVA With One-Hour Battery Backup

Tender Reference		NSU 4H 40H Dtd. 11.09.2024									
Name & Address of the Bidder											
Description		Supply, Installation and Commissioning of Online UPS 30 KVA With One-Hour Battery Backup									
Sl. No.	Items Description	AU	Unit Qty	Total Qty	Make & Model	HSN Code for the Item	Unit Price (INR)	Total Price(INR) (E*H)	% of GST for corresponding HSN Code	GST Amount	Total Value (I+K)
A	B	C	D	E	F	G	H	I	J	K	L
1	30 KVA, ONLINE UPS (1+1) configuration and Cost including two years warranty and supply on site		1 set	2 set							
2	Tubular Battery Bank for one-hour backup (calculated for full load)										
3	Installation Accessories		1	2							
4	Battery Rack										
5	Installation and Commissioning		1	2							
6	One year extended Warranty		1	2							
Total B4											
Note: (Relevant Columns to be filled with PERCENTAGE / NUMERICAL Values ONLY. Quoted Price is including Packing/Forwarding Charges (if any)and Frieght/Insurance Charges (if any))											



**Annual Maintenance Contract (AMC) for ONLINE UPS 5 KVA, 800 VA,
1 KVA and 30 KVA UPS (1+1) each with one-hour battery backup**

Tender Reference		NSU 4H 40H Dtd. 11.09.2024					
Name & Address of the Bidder							
Description		Annual Maintenance Contract (AMC) for Online UPS 1 KVA With One-Hour Battery Backup					
Sl. No.	Items Description	Quantity	Unit	Total Price(INR)	% of GST	GST Amount	Total Value (E+G)
A	B	C	D	E	F	G	H
1	AMC Cost for 1st Year	1	Year				
2	AMC Cost for 2nd Year	1	Year				
3	AMC Cost for 3rd Year	1	Year				
4	AMC Cost for 4th Year	1	Year				
5	AMC Cost for 5th Year	1	Year				
6	AMC Cost for 6th Year	1	Year				
7	AMC Cost for 7thYear	1	Year				
8	AMC Cost for 8th Year	1	Year				
Total Cost for 8 years of AMC							
Description		Annual Maintenance Contract (AMC) for Online UPS 800 VA With One-Hour Battery Backup					
1	AMC Cost for 1st Year	1	Year				
2	AMC Cost for 2nd Year	1	Year				
3	AMC Cost for 3rd Year	1	Year				
4	AMC Cost for 4th Year	1	Year				
5	AMC Cost for 5th Year	1	Year				
6	AMC Cost for 6th Year	1	Year				
7	AMC Cost for 7thYear	1	Year				
8	AMC Cost for 8th Year	1	Year				
Total Cost for 8 years of AMC							
Description		Annual Maintenance Contract (AMC) for Online UPS 5 KVA With One-Hour Battery Backup (SMF Battery Bank)					
1	AMC Cost for 1st Year	1	Year				
2	AMC Cost for 2nd Year	1	Year				
3	AMC Cost for 3rd Year	1	Year				
4	AMC Cost for 4th Year	1	Year				
5	AMC Cost for 5th Year	1	Year				
6	AMC Cost for 6th Year	1	Year				
7	AMC Cost for 7thYear	1	Year				
8	AMC Cost for 8th Year	1	Year				
Total Cost for 8 years of AMC							
Description		Annual Maintenance Contract (AMC) for Online UPS 30 KVA With One-Hour Battery Backup					
1	AMC Cost for 1st Year	1	Year				
2	AMC Cost for 2nd Year	1	Year				
3	AMC Cost for 3rd Year	1	Year				
4	AMC Cost for 4th Year	1	Year				
5	AMC Cost for 5th Year	1	Year				
6	AMC Cost for 6th Year	1	Year				
7	AMC Cost for 7thYear	1	Year				
8	AMC Cost for 8th Year	1	Year				
Total Cost for 8 years of AMC							
Total B5							
Note: (Relevant Columns to be filled with PERCENTAGE / NUMERICAL Values ONLY. Quoted Price is including Packing/Forwarding Charges (if any)and Frieght/Insurance Charges (if any))							