

उत्तर बिहार ग्रामीण बैंक
प्रधान कार्यालय, कलम्बाग चौक,
मुजफ्फरपुर, बिहार, ८४२ ००१



Uttar Bihar Gramin Bank

HEAD OFFICE, KALAMBAGH CHOWK,
MUZAFFARPUR, BIHAR, 842 001

(Sponsored By :: Central Bank of India)

☎ 2248141, 2243088, 2267918 Fax:: (0621) 2243088, 2240103

Website :: www.ubgb.in

E-mail :: ubgb@ubgb.in

HO/GAD/13/2020-21/977

Date: 19.11.2020

REQUEST FOR PROPOSAL (RFP)

EMPANELMENT OF VENDORS

FOR

**Supply, Commissioning, Installation, Testing, Configuration
& Maintenance of UPS**

For Branches/ Offices of Uttar Bihar Gramin Bank

The interested agencies are required to submit the technical and financial bid separately. The bids in sealed cover-1 containing "Technical Bid and DD of Tender cost & EMD" superscripted "TECHNICAL BID FOR Supply, Commissioning, Installation, Testing, Configuration & Maintenance of UPS, (Agency name & contact no.)" and sealed cover-2 containing "Financial Bid" superscripted "FINANCIAL BID FOR Supply, Commissioning, Installation, Testing, Configuration & Maintenance of UPS, (Agency name & contact no.)". Bid must accompany with supporting documents as required as per tender. The duly sealed bid may be submitted in following address:

*The General Manager
Uttar Bihar Gramin Bank,
Head Office, Sharma Complex,
Kalambagh Chowk, Muzaffarpur,
Bihar 842 001*

Terms and conditions and various formats and proforma for submitting the tender offer are described in the tender documents and it's Annexure.


General Manager

Date :: 19.11.2020

Place :: Muzaffarpur

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प्रधान कार्यालय, कलम्बाग चौक,
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Bid Details - Empanelment of vendors technically to supply, commission, install, test, configure and maintain the UPS.

1	Date of commencement of Bid	19.11.2020
3	Last date and time for receipt Of Bidding Document	10.12.2020 at 03:00 PM
4	Date and Time of Technical Bid Opening	10.12.2020 at 03:30 PM
5	Place & Address of communication for opening of Bids	The General Manager Uttar Bihar Gramin Bank, Head Office, Sharma Complex, Kalambagh Chowk, Muzaffarpur, Bihar 842 001
6	Cost of RFP	Rs.1000/-
7	Earnest Money Deposit	Rs. 100000/-

Letter of Undertaking on Company Letter head

To,

The General Manager,
Uttar Bihar Gramin Bank,
Head Office,
Sharma Complex,
Kalambagh chowk Road,
Muzaffarpur – 842 001

Sir,

Reg.: Our bid for Empanelment of technically eligible vendors for Supply, Commissioning, Installation, Testing, Configuration and Maintenance of UPS.

Having examined the above RFP document and Annexures, we hereby submit our offer to empanel our company to supply, test, install and maintain UPSs in conformity with the said EOI.

If our offer is accepted, we undertake to supply, test, install and maintain UPS to the Bank during the period of empanelment.

We accept all Instructions and Terms & Conditions of the subject EOI .We agree to abide by and fulfil all the terms and conditions of the EOI.

We enclose all documents as per the Check List of EOI.

We confirm that we do not have any adverse records with any public sector banks regarding supply, installation and maintenance of UPS.

We confirm that we have not been blacklisted by any Govt Department or Public Sector Undertaking.

If our Bid for the above job is accepted, we undertake to enter into and execute at our cost, when called upon by the purchaser to do so, a contract in the prescribed form. Unless and until a formal contract is prepared and executed, this bid together with your written acceptance thereof shall constitute a binding contract between us.

Our PAN number is

We are registered with GST and our GST registration number is

We understand that

- You are not bound to accept all or any bid received by you, and you may reject all or any bid.
- You may accept or entrust the entire work to one vendor or divide the work to more than one vendor without assigning any reason or giving any explanation whatsoever.
- Vendor means the bidder who is decided and declared so after examination of Technical bids.

We submit our Bid Document herewith.

Dated at _____ this _____ day of _____ 20__

Yours faithfully

For _____

Signature: _____

Name: _____

उत्तर बिहार ग्रामीण बैंक
प्रधान कार्यालय, कलम्बाग चौक,
मुजफ्फरपुर, बिहार, ८४२ ००१



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INSTRUCTION TO BIDDER

1. INTRODUCTION

Uttar Bihar Gramin Bank, a Public Sector Bank (hereinafter referred to as Bank) having its Head Office at Kalambagh Chowk, Muzaffarpur Bihar 842 001 invites proposals from reputed vendors for empanelment for supply, installation and maintenance of UPS on need basis for various Branches/ Offices located in the operational districts (Araria, Kishanganj, Bettiah, Chapra, Darbhanga, Gopalganj, Hajipur, Madhubani, Motihari, Muzaffarpur, Purnea, Katihar, Saharsa, Supaul, Madhepura, Sitamarhi, Sheohar & Siwan) of North Bihar.

2. ELIGIBILITY CRITERIA

Sno.	Eligibility Criteria
1	Should be in Designing, Manufacturing, Installation, and Maintenance Services of UPS System of various ratings(OEM/ Dealer)
2	The Applicant should be a company registered in India under the Indian Companies Act of 1956
3	Should have ISO 9001 Certification
4	Annual Turnover in UPS Business for the last three years should be minimum Rs.5 Crores for each year.
5	The company should be making profit during the last three years
6	Should be in the empanelled list of at least two Public Sector Banks
7	Should not have any adverse records with other banks or our bank
8	Should not have been blacklisted by any Govt Department or Public Sector Undertaking
9	Should be registered with respective Tax Authorities
10	Should not have any arrears in Tax Payments
11	Should be capable of extending proper service support in the operational 18 districts of Uttar Bihar Gramin Bank
12	The bidder should be an OEM or authorized representative of Original Equipment Manufacturer (OEM) for maintenance of UPS. In case of authorized representative, a letter of authorization to this effect from OEM must be furnished. Authorization Letter should be valid for entire period of empanelment.
13	The bidder should have own or authorized service support centers for maintenance of UPS.

3. SCOPE OF EMPANELMENT

3.1 To supply, install, test, configure, commission and maintain UPS for Branches/offices in the operational districts of North Bihar, of the principal/OEM whom authorization letters they have submitted at the time of empanelment.

3.2 Empanelment would be for UPS of different capacities 3 KVA & 5 KVA

However, vendor would be required to quote for any/all items as per Bank's requirement.

3.3 The vendors will be empanelled for a period of three years and will remain valid till the completion of fresh/next empanelment. However, Bank reserves the right to reduce and/or increase the validity of period of empanelment.

3.4 The Vendor will also provide the latest model available, if there is upward revision in the model offered, at no extra cost to Bank.

3.5 The bank reserves the right to shift the equipment to a suitable location depending upon the need at no extra cost. The vendor will arrange to shift the equipment and install, commission & maintain the same at the new location.

3.6 Vendor has to comply with the audit observations (systems and security) pointed by Internal or external auditor during both warranty and AMC period. However, the scope will be limited to UPS supplied by them only.

3.7 Vendor should provide services support 24 x 7 with 4 hours on site response time during the warranty period and AMC period. Equipment has to be set right on the same business day. Vendor has to replace equipment of similar or higher configuration if same is not set right within 3 days from the date of problem reporting. Bank reserve right to change the penalty clause on case to case basis for each procurement.

3.8 Vendor should undertake to provide maintenance support (Post warranty) to equipment and arrange for spare parts for a minimum period of 5 years. Comprehensive annual maintenance contract has to be entered into separately with the bank, for this purpose. The bidder shall provide support services for 24 x 7 with 4 hrs on site response time unless specified otherwise and also execute the Master AMC agreement. Scope of service and support during AMC would be same as warranty period.

3.9 Bank is empanelling vendor only for reducing the procurement process time. During empanelment period, Bank reserves the right to include new vendors, de-empanel any vendor, issues open tenders, issue limited tenders to other vendors, may not issue tenders to empanelled vendors etc. Bank's decision will be final in this regard.

Please note that during the empanelment period Bank will float limited tenders amongst the empanelled vendors and seek responses for various requirements. Individual tender will contain detailed terms and conditions and scope of work. The conditions mentioned in this tender are only generic in nature and will become the part of each tender. However, in case of any conflict between terms and conditions mentioned in this document and that in limited tender documents, the terms and conditions mentioned in limited tender will prevail. Bank may opt for entering into a rate contract (for supply of various UPS to its branches / offices spread all over 18 districts of North Bihar) with the empanelled vendors on the basis of L1 for which will be intimated separately.

4. EMPANELMENT PROCEDURE

The vendor will be empanelled as per the following process:

4.1 The L1 criteria will be decided by the Bank: "Financial Bids of those parties which fulfils Technical requirements will be taken into consideration and those vendors financial bid will be opened and based on that L1 price will be decided. From Financial bid L-1 rates will be offered to all technically qualified vendors & we will empanel all

vendors who will give us acceptance letter. i.e. we will declare those vendors list as empanelment with bank for Supply, Commissioning, Installation, Testing, Configuration & Maintenance of UPS.”

BANK RESERVES IT'S RIGHT FOR FINALISATION OF THE VENDOR EVEN THROUGH L1 TENDERING, WITHOUT ANY INTIMATION & to reject all and / or any application without assigning any reason whatsoever at any point of time.

4.2 Empanelment would be done for branches and offices in the operational districts of North Bihar only.

4.3 Tenders would be issued to empanelled vendors based on following criteria

4.3.1 Vendor annual turnover

4.3.2 Service support centers available in the area where equipments are needs to be installed and maintained.

4.3.3 Our Past Experience with the Vendor.

4.3.4 Past Experience of existing customers of the vendor.

However, Bank reserves the right to relax these criteria in case there are not sufficient numbers (at least 3 nos.) of empanelled vendors are available for particular tender.

4.4 The empanelment will be valid for Three years or till the completion of next empanelment process whichever is earlier.

4.5 Head Office will invite the bids from the empanelled bidders as per Bank's requirement.

4.6 Head Office will place orders with the successful bidders and release payment as per the terms and conditions stipulated in RFP.

4.7 In case the empanelled vendors are unable to fulfill the contractual obligations during contract period, bank will have the option to declare that vendor ineligible for the subsequent tendering process.

5. COST OF BIDDING

The Bidder shall bear all the costs associated with the preparation and submission of its bid and Uttar Bihar Gramin Bank, hereinafter referred to as the Purchaser, will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

6. BIDDING DOCUMENT

The Bidder is expected to examine all instructions, forms, terms and conditions and technical specifications in the Bidding Documents. Failure to furnish all information required by the Bidding Documents or submission of a bid not substantially responsive to the Bidding Documents in every respect will be at the Bidders' risk and may result in the rejection of its bid. Bidder should strictly submit the bid as per RFP failing which bid will be rejected as non-responsive.

7. AMENDMENT OF BIDDING DOCUMENTS

At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, modify the Bidding Documents through amendments at the sole discretion of the Bank. Amendment will be conveyed through mail to all prospective bidders, who have received the bidding documents and the amendments will be binding on them. In order to provide prospective Bidders a reasonable time to take the amendments into account in preparing their bid, the Purchaser may, at its discretion, extend the deadline for submission of bids.

8. BIDDING PROCESS

The bidder will have to submit their response in the format of TECHNICAL BID & FINANCIAL BID after properly filling, stamping and signing all the forms annexed with the RFP. TECHNICAL BID & FINANCIAL BID will contain duly filled formats and information.

9. SUBMISSION OF BIDS

The bidders shall duly complete the bid and submit the Bank on or before the final date & time of bid submission. The bid should be duly sealed.

10. COST OF RFP:

Bidder has to submit Rs. 1000/- in the form of Demand Draft in favour of Uttar Bihar Gramin Bank, payable at Muzaffarpur as the cost of RFP. The Demand Draft should be submitted at the time of bid submission. Cost of Bid Document is non-refundable. Also, **Earnest Money Deposit of Rs.100000/-** only must accompany all tender offers as specified in the tender document. DD must be in favour of "Uttar Bihar Gramin Bank" payable at Muzaffarpur.

11. DEADLINE FOR SUBMISSION OF BIDS:

Bids must be submitted not later than the specified date and time mentioned in the Bid Document. If the specified date of submission of bids being declared a holiday for the Purchaser, the bids will be received up to the specified time in the next working day. The Purchaser may, at its discretion, extend this deadline for submission of bids by amending the bid documents, in which case all rights and obligations of the Purchaser and bidders, previously subject to the deadline, will thereafter be subject to the deadline extended. All the correspondence/bid should be addressed to Bank at the following address.

***The General Manager
Uttar Bihar Gramin Bank,
Head Office, Sharma Complex,
Kalambagh Chowk, Muzaffarpur,
Bihar 842 001***

12. CONTACTING THE PURCHASER:

Any effort by a bidder to influence the Purchaser in evaluation of the purchaser's bid, bid comparison or contract award decision may result in the rejection of the Bidders' bid. Purchaser's decision will be final and without prejudice and will be binding on all parties.

13. PURCHASERS RIGHT TO ACCEPT OR REJECT ANY BID OR ALL BIDS:

The Purchaser reserves the right to accept or reject any bid and annul the bidding process or even reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or without any obligation to inform the affected bidder or bidders about the grounds for the purchaser's action. The Purchaser reserves the right to accept or reject any technology proposed by the vendor. The Purchaser reserves the right to select more than one vendor keeping in view its large requirements.

14. CONTENTS OF DOCUMENTS TO BE SUBMITTED:

The bidder shall submit the following documents:

Documents required in Technical Bid (Sealed Cover)

1. Cost of RFP.
2. Power of Attorney/ Authorization letter
3. Minimum Eligibility Criteria as per Annexure-I
4. Bidder's Information as per format as per Annexure II
5. Acceptance of the terms and conditions as per Annexure-III
6. Last three years audited balanced sheet and profit and loss account statement.
7. Service Support details as per Annexure IV.
8. Performance Statement as per Annexure V.
9. Auditors Certificate/Proof of sales where ever required as mentioned in the RFP.

10. Copies of Certificates from their existing customers relating to Satisfactory Performance.
11. Letter of undertaking declaring that they have not been blacklisted by any of the Govt. Organizations or PSUs for reasons mentioned in eligibility criteria.
12. ANNEXURE VI TECHNICAL SPECIFICATION OF THE UPS 3KVA TO 5 KVA

15. BID OPENING AND EVALUATION

In the event of the specified date of bid opening being declared a holiday for purchaser, the bids shall be opened at the specified time and place on next working day. Those bidders satisfying the technical requirements as determined by the Bank and accepting the terms and conditions of this document shall be empanelled and will be eligible for subsequent limited tendering process unless they are declared ineligible by the Bank due to any subsequent reason. The Purchaser reserves the right to accept or reject any technology proposed by the bidder without assigning any reason thereof. Decision of the Purchaser in this regard shall be final and binding on the bidders.

16. CLARIFICATIONS OF BIDS

To assist in the examination, evaluation and comparison of bids the purchaser may, at its discretion, ask the bidder for clarification. The response should be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.

17. PRELIMINARY EXAMINATION

The Purchaser will examine the commercial bids to determine whether they are complete; whether any computational errors have been made; whether required information has been provided as underlined in the bid document; whether the documents have been properly signed, and whether bids are generally in order. Bids from agents without proper authorization from the manufacturer as per the authorization form, shall be treated as non-responsive and will be outrightly rejected. Arithmetic errors will be rectified on the following basis. If there is a discrepancy between unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and total price shall be corrected. If there is discrepancy between words and figures, the amount in the words will prevail. The bid determined as not substantially responsive will be rejected by the purchaser.

18. GOVERNING LAWS, RESOLUTION AND DISPUTES

All disputes or differences whatsoever arising between the parties out of or in relation to the construction, meaning and operation or effect of these Tender Documents or breach thereof shall be settled amicably. If however the parties are not able to solve them amicably, the same shall be settled by arbitration in accordance with the applicable Indian Laws, and the award made in pursuance thereof shall be binding on the parties. The Arbitrator/Arbitrators shall give a reasoned award. Any appeal will be subject to the exclusive jurisdiction of the courts at Bangalore. During the arbitration proceedings the Vendor shall continue to work under the Contract unless otherwise directed in writing by the bank or unless the matter is such that the work cannot possibly be continued until the decision of the arbitrator or the umpire, as the case may be, is obtained. The venue of the arbitration shall be Muzaffarpur.

19. SIGNING OF CONTRACT

The successful bidder(s) shall be required to enter into a empanelment contract with UBGB, within 7 days of the notification of empanelment or within such extended period as may be specified by Uttar Bihar Gramin Bank, Head Office, Sharma Complex, Kalambagh Chowk, Muzaffarpur, Bihar, 842001, on the basis of the Tender Document, the Tender of the successful bidder, the letter of acceptance and such other terms and conditions as may be determined by the Bank to be necessary for the due performance of the work in accordance with the Bid and the acceptance thereof, with terms and conditions shall be contained in a Memorandum of Understanding to be signed at the time of execution of the Form of Contract.

20. USE OF CONTRACT DOCUMENTS AND INFORMATION

The supplier shall not, without the purchaser's prior written consent, make use of any document or information provided by Supplier in Bid document or otherwise except for purposes of performing contract.

21. ASSIGNMENT

The supplier shall not assign, in whole or in part, its obligations to perform under the contract, except with the Purchaser's prior written consent.

Other Terms & Conditions:

Payment: Full payment against delivery and successful installation duly confirmed by concerned Regional Office & Branch will be paid by Head Office based on satisfactory performance.

Warranty of UPS: Minimum 03 years Warranty for UPS. No additional charges to Uttar Bihar Gramin Bank for replacement of any parts or labour charges.

AMC : The quotation must include Annual Maintenance after expiry of 03 years warranty period.

Dispute : All disputes will be subject matter of the jurisdiction of the Court situated at Muzaffarpur (Bihar).

Delivery : Delivery of UPS is to be done at the installation site /location under Uttar Bihar Gramin Bank operational area provided by Bank without charging any extra cost.

Certification : The UPS Company should have ISO 9001&14001 certification & BIS Approved (copy should be enclosed)

Note:

- The tender should accompany a compliance chart.
- The rate should be exclusive of all taxes.
- The rate of UPS should be quoted with battery and without battery also.
- The rate should be inclusive of all charges, transportation, installation, etc.
- The model number, make, and a printed literature of the product shall be submitted positively
- Number of installations with a list of customers (with proper documents) of such equipment in India in last five years.
- Authorized Dealership Certificate is must, in case principal manufacturing company is not quoting directly.
- The tender notice number and the name of the instrument should clearly be written on envelope.
- Technical support in Muzaffarpur be available with other Centre/districts of North Bihar.
- Guarantee certificate, users manuals etc. are to be handed over to the user. after successful commissioning of the system.
- The Bank authority does not bind itself to accept the lowest tender /bid.

- The Bank reserves the right to reject any or all of the tenders received without assigning any reason thereof.
 - Conditional/incomplete documentation shall be summarily rejected.
 - Rate approved should be valid for one year and it will be binding on empaneled companies to supply the product on contracted rates.
 - The manufacturer/tenderer/bidder should have support centres/infrastructure for providing services in all districts of North Bihar particularly in Uttar Bihar Gramin Bank operational area i.e. 18 districts.
 - The tenderer should have executed one single order of minimum Rs.1.00 Crore or 02 orders of minimum Rs.50.00 lacs in the last three years to any Banks or Govt. Institutions across the country. (Proof of order should be attached). Certificate of supply should be also enclosed.
 - The manufacturer/tenderer/ bidder should not have been delisted by any Public Sector Banks /Govt. Institutions in last 05 years.
 - Tenderer should have been profit making in last 03 years.
 - Tenderer should enclose copy of PAN and GST with Company profile.
 - Tenderer should enclose a letter of satisfaction for maintenance of UPS issued by Banks where the tenderer have supplied and installed the UPS in past 3 years
-

22. ANNEXURE-I : MINIMUM QUALIFICATION CRITERIA FOR BIDDERS

The minimum qualification criteria for the bidders are as under: -

Pre Qualification Criteria	Compliance (Yes/No)	Detail of proof Attached
Should be in Designing, Manufacturing, Installation, and Maintenance Services of UPS System of various ratings(OEM)		
The Applicant should be a company registered in India under the Indian Companies Act of 1956		
Should have ISO 9001 Certification		
Annual Turnover in UPS Business for the last three years should be minimum Rs.5 Crores for each year.		
The company should be making profit during the last three years.		
Should be in the empanelled list of at least two Public Sector Banks		
Should not have any adverse records with other banks or our bank		
Should not have been blacklisted by any Govt Department or Public Sector Undertaking		
Should be registered with respective Tax Authorities		

Signature

Seal of the Company

23. ANNEXURE-II: BIDDERS INFORMATION

a) Name of bidder _____

b) Constitution _____

c) Address _____

d) Contact Person(s) _____

e) Telephone, Fax, e-mail _____

f) Number of years of experience in UPS and Batteries business _____

g) Please give brief financial particulars of your firm for the last 3 years along with the volume of business handled. (The information will be kept confidential)

Year	2017-18	2018-19	2019-20
Net Profit			
Total Turnover			
Revenue Earned from UPS Sales			

h) Is company ISO 9001 Certified? If yes, provide information along with certified copy of certificate.

Signature:
Seal of company

24. ANNEXURE-III: COMPLIANCE STATEMENT DECLARATION

All Terms and Conditions including scope of work

We hereby undertake and agree to abide by all the terms and conditions stipulated by the Bank in this RFP including all addendum, corrigendum etc. (Any deviation may result in disqualification of bids).

Signature:

Seal of company

(If left blank it will be construed that there is no deviation from the specifications given above)

25. ANNEXURE-IV: SERVICE SUPPORT DETAILS

Location		Status of Office working days & hours	No. of Maintenance Engineers	No. of Maintenance staff	Volume of min. stock available at all time	Activities carried out in the service centre
Telephone	Fax no.					

26. ANNEXURE-V: PERFORMANCE STATEMENT (FOR A PERIOD OF LAST 3 YEARS)

NAME OF BIDDER:

NAME OF FIRM:

Order Placed by Full Address of Purchaser	Order No. and Date	Description and Quantity of ordered Equipment	Value of Order	Date of Completion		Remark reason for late delivery	Performance of equipment (Attach certificate from customer)
				As per contract	Actual		

**Signature
Seal of Bidder**

TECHNICAL SPECIFICATION FOR UPS 3 & 5 KVA (STANDALONE) WITH 4Hrs. BACKUP

Parameters	Technical specification	COMPLIED Y/N /Changes suggested
Model/ Make	Please Specify	
Technology & Topology	Fully Microprocessor with PWM technology with IGBTs with isolation transformer	
	Online Double conversion Type	
Input Source	Mains/Local Make DG Set (UPS should be compatible to take input from local DG Set)	
Active Power Factor Correction	In built design	
Input power factor	Better then 0.93	
Input Frequency Range	46-54 Hz	
Output power factor	VA at 0.7 power factor output	
Input (Voltage)	160 V to 290 V	
Output (Voltage)	230V +/- 5 % (both for load and supply variations)(Base Voltage adjustable)	
Frequency	50 Hz +/- 0.1% (Constant frequency Output)	
Total Harmonic Distortion	Less than 3%	
Crest Factor	3:1	
Waveform (Output)	Pure Sine Wave form with TDH less than 3%	
Digital meter shall be provided for monitoring the following parameters in UPS	01. Input AC Voltage. 02. Output AC Voltage current and frequency 03. Battery Voltage and current	
Isolation Transformer	Inbuilt double coil wounded type	
Transient response	Less than 40 MS for 0 to 100% step load change.	
INDICATORS:	Battery & Load level Indicator On Line On Battery Replace Battery Overload Bypass Fault	
Minimum metering	1. Backup available (Time for which backup available say next 10 Min. 2. Battery low audio alarm. 3. Output OK indicator. 4. Input/ Output voltage meters. 5. Load Utilization Indicator 6. UPS on Mains/Battery 7. Output frequency	
Inverter efficiency	Greater than 94%	
Size	As compact as possible. Pl. State size.	
UPS type	On line (to act as power conditioner as well as Backup)	
Inverter technology	Switch mode (PWM with IGBT SWITCHES)	
Battery charger	Current limited, maximum voltage equal to 2.33 V/Cell.	

Maximum charging Current	Vendor to specify (Not to exceed 10% of battery capacity)	
Back up desired	Quote for 1 hour / 4 hour Battery system should have full load for specific Period of 1 hr. /4 hr. of the 100% rated capacity.	
Nominal DC Bus of UPS	Vendor to specify.	
Overload capacity (1 hrs)	110% for 60 min. 125% for 10 min. 150% for 1 min	
Overload capacity (4 hrs)	110% for 60 min. 125% for 10 min. 150% for 1 min	
Noise level	<55 db at 1 Meter	
Protection	MCB, Fast acting Fuse, Electronic Overvoltage, under voltage, short circuit, Battery under voltage, over voltage cutoff, over temperature, low battery, surge protection, Battery over charge protection	
UPS Warranty Period	Minimum 3 years	
Miscellaneous	Overall Efficiency >85% Inverter Efficiency >90%	
Audible Alarm	On Battery Low Battery Over Load Fault Mains Failure	
Environmental	Operating Temperature – 0-40C Humidity 90% RH non- condensing	
Service Policy	Service should be given immediately for achieving maximum uptime	
Customer Care Service	Service Centres should be established within our Bank's area (24x7 Call centre)	

Minimum VAH Rating

Backup/VAH	3 KVA	5 KVA
4 hrs	19200	31200

If required, all units supplied can be tested for the followings. Vendor has to make necessary arrangement for the same without any additional cost to Bank.

1. Bidder has to submit complete details of battery backup with AH calculation.
 2. VAH rating of batteries for the above capacity can be tested at any time during the warranty period of 1 year.
 3. UPS will be connected to full bulb load and operated with mains disconnected at any time during the warranty period of 3 years.
 4. Duration of backup time of more than 55 minutes for one hour case, more than 220 minutes for 4 hour case.
 5. Output voltage to be within 230 \pm 5% during the above backup time.
- We undertake to supply the UPS systems conforming to above specifications.

Authorised Signatory
Seal of Company