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Sub: RFP for supply and commissioning of 3 KVA, 5 KVA and 7.5 KVA UPS with Battery Bank with 3 year warranty and 3 year AMC (UPS)

Tender Documents Details

Tender Reference Number and Date	Ref: PBHO/DIT/262/2015-16 DATED:03-09-2015
Last date of seeking Clarifications	30-09-2015
Date of submitting the Bid Documents	05-10-2015 up to 1200 hours
Date of opening of Pre Qualification/technical Bids	05-10-2015 at 15.00 hours
Date of opening of Financial Bids	06-10-2015 at 15.00 hours
Bid Security	Rs 5,00,000 /Valid for 6 months from the date of last submission of Bid in form of Bank Guarantee
RFP cost	Non -refundable Rs. 5000 / in form of DD or Bankers Cheques/NEFT (BGL: 98801902002 IFSC Code:PRTH0000001 and share the UTR number)

The RFP document is available at our Bank's website <http://www.prathamabank.org> and can be downloaded from website

Issued by:

General Manager
Prathama Bank
Head Office
Ramganga Vihar –Phase –II
MORADABAD-244001

Contact Numbers:

05914551760, 05912455179
05912455178

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TO,

ALL ELIGIBLE VENDORS

SUB: Requirement of 3 KVA, 5 KVA and 7.5 KVA UPS with battery bank, along with 3 year free warranty and 3 years UPS AMC for use in Branches and Offices.

We request you to submit your best quotes for the supply of the following UPS with battery bank as per the details furnished in this document, for use in Branches and Offices of Prathama Bank:

BRIEF DESCRIPTION OF THE REQUIREMENTS:

Sl.No	Description	Qty
1	7.5 KVA UPS with battery Bank	100
2	5 KVA UPS with battery Bank	100
3	3 KVA UPS with battery Bank	120
TOTAL		320

* Details of other components are provided below.

Pre-Qualification Criteria:

- UPS shall be of reputed brand like **Socomec, APC, SYNERGY, UNILINE, LUMINOUS, EMERSON** only.
- The battery proposed to be part of battery bank with UPS shall be of reputed brand like Exide and Quanta.
- The bidder should be a profit making company/firm during the last 2 consecutive financial years. As documentary proof, B/S & P&L are to be submitted.
- The bidders shall be either manufacturer of UPS or approved vendor/supplier of the manufacturer supported with authorisation letter by OEM or manufacturer. The bidder shall be mainly manufacturer and/or dealer of UPS and not Manufacturer or dealer of batteries standalone.
- The bidder shall provide proof for having product certified by the reputed certifying agencies like DoT, STQC, and SyndServices etc.
- The bidder shall agree to arrange for pre shipment certification of approved agency as suggested by Bank & the sample size has to be suggested by Bank.
- The bidder should have at least two years experience in supplying, commissioning and Maintenance of UPS to Banks/ organizations in India for the last 2 years (2013 and 2014). As documentary proof, letters issued by the Organisation where it is supplied, with No. of locations and its satisfactory performance are to be submitted along with the technical bids.
- The bidder should be able to provide services for UPS and battery bank within **4 hours** in urban areas and in **8 hours** in semi urban/Rural bank operational area through properly established or proposed service centres. The bidder shall have arrangement of dedicated service engineers and service centre exclusively to attend the service matters of the Prathama bank at our area of operation preferably at Moradabad. Documentary proof should be submitted at the time of submission of bid.
- Manufacturing date of UPS and batteries should not be **older than 3 months**.

Disclaimer:

This RFP is not an offer by Prathama Bank, but an invitation to receive response from vendors. No contractual obligation whatsoever shall arise from the RFP process unless and until a formal contract is signed and executed by duly authorised officers of Prathama Bank with the vendors.

Authorization to Bid:

The proposal/Bid being submitted would be binding on the Vendor. As such, it is necessary that authorized personnel of the firm or organization sign the BID. The designated personnel should be authorized by a senior official of the organization having authority to do so. The proposal must be accompanied with an undertaking letter duly signed by the designated personnel providing a Bid commitment. The letter should also indicate the complete name and designation of the designated personnel. Necessary resolutions/authority/ Power of Attorney available shall be enclosed. In case the principal vendors authorise their business partners or authorised distributors to bid on their behalf, a separate authorisation letter as per format enclosed, with a commitment to fulfil the terms of the RFP should be submitted. It is mandatory that such of those business partners/authorised distributors should have service support centres on within the operational area of the Bank.

Following instructions may please be taken note of in this connection.

Offer shall be submitted for UPS with battery Bank for the full schedule of requirements. Price bids are to be submitted separately as detailed in item No. 4 to 7 below.

1) BID SECURITY AND COST OF RFP:**I. BID SECURITY:**

- A) The Bidder shall furnish, as part of its Bid, a Bid security for an amount of Rs **(Rupees: 500000 /–Five Lacs Rupees)** in the form of a Bank Guarantee issued by a reputed Bank in India other than Prathama Bank and acceptable to the Bank in the format enclosed valid up to **MAR-2015** and to be submitted along with the Technical Bid.
- B) The successful Bidder's bid security will be discharged upon the Bidders signing the contract Agreement) & furnishing the performance security for **10%** of the contract value for the warranty period plus 3 months grace period. Unsuccessful Bidder's bid security will be discharged or returned as promptly as possible but not later than 30 days after the expiration of the period of bid validity prescribed by the purchaser.
- C) *The Bid security may be forfeited:*
- i) If a Bidder withdraws its Bid during the period of Bid validity; or
 - ii) In case of a successful Bidder, if the Bidder fails:
 - a) To sign the Contract / SLA within the stipulated time or
 - b) To furnish Performance Security valid till the end of warranty period within the stipulated time.
- 2) Bid shall be submitted in 3 (three) separate sealed envelopes, one '**Pre Qualification Bid**' and second is '**Technical Bid**', Third is '**Financial Bid**' clearly mentioning on top of the envelope, duly super scribing the envelope with the reference number of this letter, due date, name of the Bidder, Offer reference number etc.

All Bid Documents are to be properly filed in a box file and all pages of the non-price/price bids should be numbered serially (1/xxx, 2/xxx (where xxx is last page number of Bid document)) and should bear the company's seal and signature/s of the authorized person/s on all pages.

ENVELOPE-I: Pre Qualification Bid:

This envelope only contained the following information and proof of certificate as follows:

- UPS shall be of reputed brand like **Socomec, APC, SYNERGY, UNILINE, LUMINOUS, EMERSON**. Mentioned the Brand Name which is to supply, if tender awarded.
- The battery proposed to be part of battery bank with UPS shall be of reputed brand like Exide and Quanta. Mentioned the Brand Name which is to supply, if tender awarded.
- The bidder should be a profit making company/firm during the last 2 consecutive financial years. As documentary proof, B/S & P&L are to be submitted.
- The bidders shall be either manufacturer of UPS or approved vendor/supplier of the manufacturer supported with authorisation letter by OEM or manufacturer. The bidder shall be mainly manufacturer and/or dealer of UPS and not Manufacturer or dealer of batteries standalone. Proof shall be submitted.
- The bidder shall provide proof for having product certified by the reputed certifying agencies like DoT, STQC, and SyndServices etc.
- The bidder shall agree to arrange for pre shipment certification of approved agency as suggested by Bank & the sample size has to be suggested by Bank. Submit the undertaking on letter head.
- The bidder should have at least two years experience in supplying, commissioning and Maintenance of UPS to Banks/ organizations in India for the last 2 years (2013 and 2014). As documentary proof, letters issued by the Organisation where it is supplied, with No. of locations and its satisfactory performance are to be submitted.
- The bidder should be able to provide services for UPS and battery bank within **4 hours** in urban areas and in **8 hours** in semi urban/Rural bank operational area through properly established or proposed service centres. The bidder shall have arrangement of dedicated service engineers and service centre exclusively to attend the service matters of the Prathama bank at our area of operation preferably at Moradabad. Documentary proof should be submitted at the time of submission of bid.
- Manufacturing date of UPS and batteries should not be **older than 3 months**. Mentioned the tentative date of manufacturing.

The Pre Qualification Bid should be complete in all respects and contain all information asked for, except prices. The Pre Qualification Bid should not contain any price information. The Technical Offer should be complete and indicate that all products and services asked for are quoted.

ENVELOPE-II: Technical Offer:

The Non-Price Bid (Technical offer) should be complete in all respects and contain all information asked for, except prices. The technical offer should not contain any price information. The Technical Offer should be complete and indicate that all products and services asked for are quoted. For example, the Technical Offer should mention that AMC charges are included in the Commercial Offer, without mentioning the actual amounts in the Non-Price Bid and terms of Payment, Delivery and any other conditions, which may appear in the Price Bid. The Bidder should enclose a copy of the Masked Price Bid as per price schedule without the prices (please put 'x' mark wherever prices are quoted) along with other bid documents for evaluation purpose.

ENVELOPE-III: Financial Bids (Commercial Offer):

The **Financial Bids** (Commercial Offer) as per **Annexure-C** should give all relevant price information and should not contradict the Technical Offer in any manner. **Please note that if any envelope is found to contain both technical and commercial offer together, that offer will be rejected summarily.**

The best and firm price should only be quoted (as per the Performa enclosed). The prices should be inclusive of Central excise, customs and other duties/levies. *Sales Tax, Octroi /Entry Tax, VAT, Service Tax etc., if payable extra, is payable at actual upon production of documentary evidence of payment. The bid shall clearly mention whether the present/future Sales Tax is included in the price or otherwise.*

- 4) The Prequalification and Technical Bid (Non-Price Bid) will be opened first for evaluation. The Price Bids will be opened only if the Prequalification and Technical Bid is found responsive. The technical bid should necessarily contain all Technical details and terms of Payment, Delivery and any other conditions.
 - Bidder's proposal should strictly conform to the Technical specifications and other terms and conditions.
 - Proposals not conforming to the specifications will be rejected summarily. Any incomplete or ambiguous terms/conditions/quotes will disqualify the offer.
- 5) The details required as per Annexure shall also be enclosed without fail. The Bank may reject any proposal not containing all the requirements called for in various Annexure. Technical/Commercial Bids must contain required/relevant information on all the items including optional items, if any without fail.
- 6) The last date for submitting the proposals along with Bid security is **05.10.2015 by 12.00 PM hours** at this office. Any proposal received after the due date and time will not be considered. All bids complete in all aspects should be submitted to **Sri N SEKHAR, General Manager, Prathama Bank, Head Office, Ram Ganga Vihar Phase II Moradabad U P 244001** within the above stipulated date.
- 7) The Bid should consist of the following documents:
 - a. Prequalification Bid in a separate cover.
 - b. Financial Bid in a separate cover.
 - c. Technical Bid/Non-Price Bid (Masked price Bid) in a separate cover consisting of all technical specifications and other commercial terms/annexure as per RFP and original Bid security (*copy of the price bid without the prices (masked price bid) should be enclosed*).
 - d. An undertaking as per clause no.21 of this RFP.
 - e. Manufacturers Authorisation form **as per Annexure-E** on page No.17, if applicable.
 - f. Technical Specifications as per **Annexure J(A), J(B) & J(C)** and as per the format prescribed on page no. 22-30 of this RFP are to be furnished item wise. Please furnish full details, ensuring strict conformity with the specifications in every respect, in order to avoid ambiguity. The software, if any, shall be supplied with Media, Manual and Licence. Relevant *Detailed Product Brochures* shall be submitted for each item with the proposal.
 - g. Furnish AMC charges per annum for **3 years** after the free warranty period of **3 years**. Annual Maintenance cost for three years quoted by the Vendor will be added to the Total cost quoted after discounting to net present value at a discount rate of 8% Per annum for evaluation purpose. If the AMC rate is less **than 5% of the basic cost** of the system or free period is more than **3 years**, AMC value of 5% of the basic cost, discounted at 8% and a free warranty period of **3 years** will be considered for the purpose of evaluation. However, the actual payment will be only at the rates quoted. All the above information will be used in computing the competitive cost of the Quotation.
 - h. There should be a contact person at each of the locations for lodging complaints apart from call

centre facility, if any, available with the bidder.

- i. A list of Service Centres throughout the services area of the Bank shall be furnished as per **Annexure-G** on page 18.

8) *Delivery Period:*

The Bank reserves the right to stagger the deliveries depending upon the readiness of sites at various locations. The vendor shall inform the readiness of the UPS with Battery bank for the purpose of pre-shipment testing in writing well in advance.

The bidder shall deliver UPS within 4-6 weeks, from the date of issuing of Purchase Order /Delivery order for the same inclusive of completion of the pre-shipment testing. Wherever Road permits are required one additional week will be provided. Bank will provide delivery order/delivery schedule in multiple lots as per the site readiness.

Liquidated Damages: For any delay in delivery, installation and commissioning beyond 3 weeks in Urban/Semi Urban, 4 weeks in Rural locations for non road permit locations and for road permit locations additional one week, from the date of the delivery instructions issued by the Bank, the Bank reserves the right to charge a LD (Liquidated Damages) at the rate of 0.50% of the cost of the systems per week subject to a maximum of 10% of the Total Basic Cost of the Equipment/s (Excluding AMC Charges).

If the items delivered could not be installed for reasons attributable to the Bank, the same should be recorded and submitted to our office.

9) *INSTALLATION:*

- a) The Supplier is responsible for all unpacking, assemblies, wiring, installations, cabling between hardware/Peripheral units and connecting to power supplies. The Supplier will test all operations and accomplish all adjustments necessary for successful and continuous operation of the UPS at all installation sites. **If supplied batteries shall not be placed properly in existing RACK of branches/offices or if there is any mismatch in size of battery & RACK then vendor has to provide new rack also without any extra cost to Bank.**

11) *Payment terms are as under:*

- i) **On Delivery:** Seventy (70) % of the Contract price of the Goods along with 100% sales tax, 100% Octroi, wherever applicable, backed by necessary proof shall be paid on receipt of goods and upon submission of the following documents (separate requests for release of Octroi payments will not be entertained):
 - a) The supplier's original invoice showing Contract No, Goods description, quantity, unit price, total amount, Serial Nos. of the system/s etc.
 - b) Details of the shipments made with their pricing are to be provided in the bank's prescribed format in both Hard & Soft (MS Excel), a copy of which will be provided by the bank along with the order.
 - c) Original delivery note signed by consignee or acknowledgement of receipt of goods from the consignee.
 - d) Insurance Certificate as per **clause 6 of Annexure A** mentioned below.
 - e) Manufacturer's/Supplier's Warranty certificate.
 - f) Supplier's factory inspection report/Inspection testing certificate issued by testing Agency.
 - g) Pre shipment test certificate from M/S Syndbank Services Limited, Bangalore/ (or) Reputed agency approved by Central/State Govt. if the Equipment costs beyond Rs.50000/- per item.
 - h) No Extra Payment will provide to vendors for Battery rack at any cost.

- ii) *On Final Acceptance:* Thirty (30) % on Installation and Acceptance Certificate issued by the Bank's representative. However, if for any reason, the installation and commissioning is delayed due to non-readiness of infrastructure and hence acceptance certificate cannot be issued, the above 30% of the Total Contract Price shall be paid, within 90 days from the date of receipt of goods at the respective locations. In such a case, the Supplier shall have to produce document showing "Site not ready" status from the representatives of Prathama Bank at respective locations and to undertake to install and successfully commission the equipments within 15 days of confirmation of readiness of infrastructure by the Purchaser. This, however, does not preclude the Purchaser from invoking the Performance Guarantee if warranted, as per the terms of this Bid Document

11) **Warranty and Payment for Annual Maintenance Charges/ Submission of Bank Guarantee:**

UPS shall carry a free comprehensive, onsite warranty for a minimum period of **three (3) Years** and AMC for **next Three (3) Years from 4th year to 6th Year.**

WARRANTY:

- a) The Supplier warrants that the Goods supplied under the Contract are new, unused and shall have no defect arising from design, materials or workmanship.
- b) This warranty shall remain valid for a minimum period of 36 (thirty six) months after the goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for minimum period of 36 (thirty six) months after the date of delivery, whichever period concludes earlier.
- c) Within Twenty (20) days of the receipt of format of notification of award from the Purchaser, the successful Bidder shall furnish the **performance security (BG) for 10% (Ten percent)** of the contract value for the warranty period plus 3 months grace period *in the format prescribed.*

✓ *If BG is not submitted within stipulated time, a penalty at the rate of 0.50% of the cost of the systems per week subject to a maximum of 10% of the Total Basic Cost of the Equipment/s (Excluding AMC Charges).*

AMC Charges:

The Annual Maintenance Cost shall be paid in advance in equal yearly instalments within thirty days of receipt of claim at the start of each year, after completion of warranty/ maintenance obligations of the previous year, at the rates quoted, on receipt of a Bank Guarantee for 10% of the cost of the equipment (excluding Annual Maintenance Cost), valid for a period of 3 years from the date of completion of free warranty period - with 3 months grace period. The Bank Guarantee submitted towards performance guarantee taken during warranty period will be released only after receipt of the above. Non-submission of AMC Bank Guarantee at least 15 days before the expiry of Performance Bank Guarantee will be sufficient reason for invoking the performance guarantee. No separate AMC Agreement needs to be executed. However, all the systems shall be properly maintained irrespective of Non-claiming/Non-renewal of AMC by the vendor in time.

12) *UPS MAINTENANCE:*

The Bidder will assume total responsibility for the fault free operation of UPS maintenance during the warranty and post warranty (AMC) for a total duration of six years. The Supplier will accomplish preventive and breakdown maintenance activities to ensure that all hardware function without defect or interruption.

On lodgement of complaint, service should be provided and rectification of reported problem within eight (8) hours in Semi-Urban/ Rural centre, within four (4) hours in Urban/Metropolitan centres. In case any part is found defective & needs to be taken to the Vendor's Premises/lab for repairs, the Vendor should either ensure the required parts is replaced or a standby equipment is

provided in place of defective equipment within 24 hours or next business day.

In case of failure of the vendor in both the above cases, the vendor will be liable for penalty of Rs.1000/- per day in Metro/Urban Centres and Rs.500/- per day in Semi-Urban/Rural/Island centres. The amount of penalty will be recovered from the vendor from payments due to them or by invoking Bank Guarantees provided for warranty/maintenance.

The Supplier will accomplish preventive and breakdown maintenance activities to ensure that all hardware execute without defect or interruption as per the above condition.

However, if the Hardware/Peripheral is down due to the reasons attribute to the Bank, the vendor has to submit proof for the same for not levying the penalty.

- 13) The supplier shall buy back the System from the Purchaser at a depreciated cost in the event of the Model/System supplied by the supplier being replaced by a more advanced system. The details of such buy back can be arrived at, on mutually agreed terms at the time of buy back. The purchaser reserves the rights to go for buy back or otherwise.
- 14) The Bank may at its discretion,
 - ✓ **Increase the requirement and place orders subsequently within the validity or the extended validity of the Bid up to 35%, or**
 - ✓ **Decrease the requirement up to 35%.**
- 15) The vendor has to submit various formats mentioned in Annexure-A along with all other annexure of this RFP on Company's letter head with seal and signature. All pages are to be serially numbered. Relevant proof, if required is to be enclosed.
- 16) A Softcopy of the bid proposal (both Technical and Masked price bid) must be submitted along with the respective sealed bid/s.
- 17) Please note that an Indian Agent on behalf of the Foreign Principal or the Foreign Principal directly can bid in a tender but not both. In case of Bidding by both, Bid submitted by Foreign Principal will be considered for evaluation. Also in cases where an Agent participates in a tender on behalf of one manufacturer, he is not allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.
- 18) Bank reserves the right to reject this invitation to offer in part or full, or cancel the entire procurement process at any stage without assigning any reason. No vendor query shall be entertained in this matter.
- 19) In case of delivery of equipment to States where Road Permit is required for transportation of goods, it is the responsibility of vendors to provide the same making all the arrangements required in advance. However, Bank will provide any letter, if required by the vendors for carrying out the task.
- 20) If the vendor needs any clarification on any of the aspects of the Bid Document, they can seek clarifications in advance thru e-mail to **dit@prathamabank.org** The Bank reserves the right to make amendments to the RFP before the last date prescribed for submission of the responses. Such clarifications, amendments to our RFP, if any, will also be hosted on our website. Vendors are requested to take note of the same.
- 21) Undertaking that all material to be supplied is original and Brand New and if required proof of purchase can be produced. This undertaking is to be signed by a Director or Head of Marketing of the Company.
- 22) In case the equipments offered or any part thereof are imported, the price quoted in the Bid by

the vendor will be firm & final and any fluctuation in foreign exchange rates shall not have any bearing on the price quoted in the Bid.

- 23) All disputes and differences of any kind whatsoever arising out of or in connection with the purchase order shall be referred to arbitration. The arbitrator may be appointed by both the parties or in case of disagreement each party may appoint an arbitrator and such arbitrators shall appoint an umpire before entering on the reference. The decision of the Umpire shall be final. Such arbitration to be governed by provisions of Indian Arbitration and Conciliation Act 1996
- 24) Notwithstanding anything contained herein above, in case of any dispute, claim and legal action arising out of this RFP, the parties shall be subject to the jurisdiction of courts at **Moradabad**.

Yours faithfully,

(N Sekhar)
GENERAL MANAGER

ANNEXURE-A

OTHER IMPORTANT TERMS AND CONDITIONS

1 MANUFACTURERS AUTHORISATION FORM:

In the case of a Bidder offering to supply goods under contract which the Bidder did not manufacture or otherwise produce, the Bidder should produce a certificate as per the format enclosed that they have been duly authorized by the goods' manufacturer or producer to supply the goods and assuring full guarantee and warranty obligations. If proposals are submitted through the business partners or authorised distributors etc., a separate "LETTER OF AUTHORISATION TO BID" on behalf of the main vendor/s should be enclosed along with the technical bid. Proposals received without the authorisation letter/s will summarily be rejected. However, the bidder should confirm that they have a presence in operational area of the Bank to extend support for the systems supplied and also submit a list of such *service support centres*. Offer shall be submitted only for Premium Brand UPS (Socomec APC, SYNERGY, UNILINE, LUMINOUS or as mentioned in Prequalification criteria) for full schedule of requirements.

2 TECHNICAL DETAILS FORM:

Bidders should furnish an item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications as per format furnished in **Annexure J (A) & J(B), J(C)**.

3 CONTRACT FORM & PERFORMANCE SECURITY:

- 3.1** Within Twenty (20) days of receipt of the Purchase Order & Format of *Contract Form/SLA*, which will be sent along with the notification of award, the successful Bidder shall sign and date the Contract/SLA and return it to the Purchaser. The Bidder however may submit the *Contract/SLA Form they like to execute*. *It is the prerogative of the Bank to accept the same or to modify. It is reiterated that the Contract/SLA to be entered in to by the successful Bidder shall be as approved by the Bank only.*
- 3.2** Within twenty 20 days of the receipt of format of notification of award/purchase order from the Purchaser, the successful Bidder shall furnish the *Performance Security (Bank Guarantee) for 10% (Ten percent) of the Contract Value or purchase order value* valid till the end of warranty period plus an additional grace period of 3 months in the format prescribed. *If BG is not submitted within stipulated time, a penalty at the rate of 0.50% of the cost of the UPS per week subject to a maximum of 8% of the Total Basic Cost of the Equipment/s (Excluding AMC Charges).*
- 3.3** Failure of the successful Bidder to comply with the requirement of accepting the purchase order/executing Contract and/or submitting Performance Guarantee shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Purchaser may make the award to the next lowest evaluated bidder or call for new bids.

4 INSPECTIONS AND TESTS:

- 4.1** The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the purchaser.
- 4.2** The inspections and test may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery and/or at the final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no

charge to the Purchaser.

- 4.3** Should any inspected or tested Goods fail to conform to the Specifications, the Purchaser may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.
- 4.4** Pre shipment testing of equipment by the approved agency: In case of purchase of equipment beyond Rs.50000/- per item, the vendor/s will have to provide a pre-shipment test certificate at his own cost from **M/S SYNDBANK SERVICES LTD, BANGALORE** regarding the quality and specifications to be in conformity with the Purchase Order issued to them.

5) TERMINATION FOR DEFAULT:

- 5.1** The Purchaser, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:
- 5.1.1** If the Supplier fails to deliver any hardware within the period(s) specified in the Contract or within any extension thereof granted by the Purchaser.
- 5.1.2** If the Supplier fails to perform any other obligation(s) under the Contract.
- 5.2** In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

6 INSURANCE:

The insurance shall be for an amount equal to 110% of the CIF value of the goods delivered at the respective branches covering all risks (fire, burglary, SRCC, natural calamities such as earth quake, flood etc) for a period covering the transit period and also minimum 4 months from the date of delivery.

7 SUPPLIER'S OBLIGATIONS:

- 7.1** The Supplier is responsible for managing the activities of its personnel and will hold itself responsible for any misdemeanours.
- 7.2** The Supplier's representative & local office at Moradabad will be the contact point for the purchaser and all the authentic status of Delivery and Installation should be made available in writing at least twice in a week.
- 7.3** The Supplier will treat as confidential all data and information about the Purchaser, obtained in the execution of his responsibilities, in strict confidence and will not reveal such information to any other party without the prior written approval of the Purchaser.

8. Incompetent Engineers attending to installation, configuration and troubleshooting:

In case it comes to the notice of the Bank that incompetent engineers are attending to installation/configuration and troubleshooting of UPS at Administrative Offices/Branches, the Bank has the right to recover penalty from the vendor at the rates already mentioned in Hardware Maintenance clause, if written complaint is received from the Administrative Offices regarding such incidents.

9 TECHNICAL SPECIFICATIONS:

- 9.1 Detailed Specification of the items required is attached as **Annexure J(A) & J(B), J(C)**.
- 9.2 The Bidder is required to submit the following documents, as applicable, along with the offer. The following list is only indicative and not exhaustive.
- a) The manuals and technical brochures, specific names of components/items excluded from the purview of warranty/ AMC and its cost are required to be submitted for all items, including all accessories and devices, included in the package for which a bid is being submitted.
 - b) Technical brochures for individual Components
- 9.3 Technical details form must be complete in all respects. Correct technical information of the product being offered must be filled in. Any additional information available, though not included in the form, may also be submitted. Terms like OK, accepted, noted, as given in brochure/manual or more etc., are not to be used and are not acceptable.

10. FORCE MAJEURE:

The Bidder shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that its delay in performance or other failure to perform its obligations under the contract is the result of an event of force Majeure. For purposes of this Clause, "Force Majeure" means an event beyond the control of the Bidder and not involving the Bidder's fault or negligence and not foreseeable. Such events may include, but are not limited to, Acts of God or of public enemy, acts of Government of India in their sovereign capacity, acts of war, and acts of the Bank either in fires, floods, strikes, lock-outs and freight embargoes.

If a Force Majeure situation arises, the Bidder shall promptly notify the Bank in writing of such conditions and the cause thereof immediately. Unless otherwise directed by the Bank in writing, the Bidder shall continue to perform its obligations under the Contract as far as it is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

In such a case, the time for performance shall be extended by a period(s) not less than the duration of such delay. If the duration of delay continues beyond a period of three months, the Bank and the Bidder shall hold consultations with each other in an endeavour to find a solution to the problem.

Notwithstanding the above, the decision of the Bank shall be final and binding on the Bidder.

11. IDEMNITY

The Bidder shall indemnify, protect and save the Bank against all claims, losses, costs, damages, expenses, action suits and other proceedings, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc.

12. LIABILITY OF VENDOR

Selected Bidder shall hold the Bank, its successors, Assignees and administrators fully indemnified and harmless against loss or liability, claims actions or proceedings, if any, that may arise from whatsoever nature caused to the Bank through the action of its employees, agents, contractors, subcontractors etc. However, the Selected Bidder would be given an opportunity to be heard by the Bank prior to making of a decision in respect of such loss or damage.

ANNEXURE-B**BID FORM**

Ref No.....

Place:

Date:2015

**The General Manager
Prathama Bank,
Head Office, Ram Ganga Vihar Phase-2
Moradabad.**

Dear Sir,

Having examined the Request for Proposal (RFP):.....dated.....the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply, deliver and install the items mentioned in the schedule of requirements for your Branches/ Offices in conformity with the said RFP for the sum mentioned in the Price Bid or such other sums as may be ascertained in accordance with the Schedule of Prices attached and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the Delivery Schedule specified.

If our bid is accepted, we will obtain the guarantee of a Bank in a sum equivalent to 8 % of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this bid for a period of **360 days** from the last date of submission of Bid and shall remain binding upon us and may be accepted at any time before the expiration of that period.

We further confirm that,

- 1 In case we offer system and/or other software manufactured by another company, such software operates effectively on the system offered by us and we are willing to accept responsibility for its successful operations
- 2 That similar or compatible hardware will be made available in the Purchaser's site to provide adequate emergency processing arrangements; and

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your Notification of Award, shall constitute a binding Contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

Commissions or gratuities, if any paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name & address of agent Amount & currency Purpose of commission or gratuity b)
(If none, state none)

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this day of 2015

(Signature)

(In the capacity of) Duly authorised to sign bid for & on behalf of (Name & Address of the Bidder)

ANNEXURE-C**Financial Bids (Commercial Offer):**

SR No.	ITEM DISCRIPTION (a)	QTY(NOS.) (b)	UNIT PRICE (c)	TOTALPRICE(d)=(b)*(C)
1	UPS COST			
	7.5 KVA UPS with 4 Hour Battery Backup	100	xxx	Xxxx
	5 KVA UPS with 4 Hour Battery Backup	100	xxx	xxxx
	3 KVA UPS with 4 Hrs Battery Backup	120	Xxx	xxxx
SUB TOTAL (T1)			xxx	Xxxx
2	AMC FOR 3 YEARS FOR UPS STSTEM WITHOUT BATTERIES AFTER WARRANTY OF 3 YEARS			
SR. NO	ITEM DISCRIPTION (a)	QTY(NOS.) (b)	UNIT PRICE (c)	TOTAL PRICE FOR YEARS (d)=(b)*(c)*3
	7.5 KVA UPS	100	xxx	xxxx
	5 KVA UPS	100	xxx	xxxx
	3 KVA UPS	120	Xxx	xxxx
SUB TOTAL (T2)				Xxxx
GRAND TOTAL (T1+T2)				XXXX

NOTE:

- a) The vendor has to quote the above prices excluding taxes.
- b) Annual maintenance charges should be for three years after free warranty period of three years should be quoted. AMC rate should not be less than 5% p.a. of the basic cost of the system. The free warranty and AMC shall cover a total period of 6 years. If the AMC rate is less than 5% p.a. of the basic cost of the system/printers or free warranty period is more than 5 years, AMC value of 5% p.a. of the basic cost discounted at 8% rate and warranty of 5 years will be considered for the purpose of evaluation. However the actual payment will be only at the rates quoted.
- c) L1 status is determined based on "**GRAND TOTAL**".
- d) Sales Tax/Service Tax /VAT, at actual, is payable extra.
- e) Bank reserves the right to request the vendor to pass on the benefit of any Discount/downward revision of prices and taxes, if any, as per market conditions or otherwise during any period in respect of orders placed during that period.

- f) The prices quoted should be valid for one year from the date of acceptance of purchase Order.
- g) If the repeat P O is issued within one year, the selected vendor has to confirm that he will supply the Hardware at the contracted price irrespective of foreign currency fluctuations/ market conditions or at a lower price, if there is a fall in the prices in the UPS.
- h) Irrespective of the Bidders Service Level Agreement with Original manufacturer, at cost or Otherwise etc, the Bidder has to strictly adhere to the service support terms & conditions of RFP.
- i) The UPS should be capable of connecting/getting input power from Generator of any type/Cylinder.

Ref

Date:

ANNEXURE-D

BID SECURITY FORM

Whereas _____ (herein after called "the Bidder") has submitted its Bid dated ____2015 for the supply of _____(hereinafter called "the Bid")

KNOW ALL PEOPLE by these presents that WE _____ having our Registered Office at _____ (hereinafter called "the VENDOR") are bound unto PRATHAMA BANK, Head Office, Ram Ganga Vihar Phase-2 Moradabad U P 244001 (hereinafter called "the Purchaser") in the sum of _____ for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Affixed with the Seal of the said Bank this ____ day of _____2015.

THE CONDITIONS of this obligation are:

- 1 If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
- 2 If the Bidder, having been notified of the acceptance of its Bid by the Purchaser during the period of Bid validity:
 - a) Fails or refuses to execute the Contract Form if required; or
 - b) Fails or refuses to furnish the Performance Security, in accordance with the terms of the Bid;

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including -----, 2015, and any demand in respect thereof should reach the Bank not later than the above date.

(Signature and Seal of Bank)

Ref

Date:

ANNEXURE –E
MANUFACTURERS’ AUTHORISATION FORM

No.

Dated: / /2015

The General Manager
Prathama Bank,
Head Office, Ram Ganga Vihar Phase-2
Moradabad.

Dear Sir,

Sub: PBHO/DIT/262/2015-16 dated 03/09/2015.

We who are established and reputable manufacturers of UPS having manufacturing facility at and do hereby authorize M/s.
(Name and Address of Agents) to submit a bid, and sign the contract with you for the goods manufactured by us against the above RFP.

We hereby extend our full guarantee and warranty as per Clauses of Contract for the goods and services offered for supply by the above firm against this RFP.

Yours faithfully,

(NAME) (Name of
manufacturers)

Note: *This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. It should be included by the Bidder in its bid.*

Ref:

Date:

ANNEXURE-F
LETTER OF AUTHORISATION TO BID

No.

Dated: / /2015

**The General Manager
Prathama Bank,
Head Office,Ram Ganga Vihar Phase-2
Moradabad.**

Dear Sir,

Sub: Letter of Authorisation to bid for Prathama Bank’s for UPS Requirements

We M/s (Name and address of the principal) hereby authorize M/s. (Name and Address of Agents), our Business Partner/Authorised Distributors to submit a bid, and sign the contract on behalf of us for all the systems/goods required by the bank as called for vide the bank’s request for proposal reference no PBHO/DIT/262/2015-16 dated 03/09/2015.

We hereby extend our full guarantee and warranty as per Clauses of Contract for the goods and services offered for supply by the above firm against this RFP.

Yours faithfully,

(NAME)

(Name of principal vendor on whose behalf the proposal is submitted)

Note: *This letter of authority should be on the letterhead of the principal on whose behalf the proposal is submitted and should be signed by a person competent and having the power of attorney to bind the principal. It should be included by the Bidder in its bid.*

Ref:

Date

ANNEXURE –G
SERVICE SUPPORT FORM

S No	Destination Sites	Nearest Service Center							
		Address, Phone and Telex/Fax Nos. of Contact Person/s	Status of office working days & Hours	No. of S/W /battery expert/Engineers	No. of H/W Engineers	No. of Admn staff	Value of Minimum Stock of spares available at all time		
1-	Moradabad							List of Model of items serviced in last two years	Accessibility time from nearest service centre to destination of goods

NOTES:

- Bidders **are required to mention specifically the Name, Address, and Telephone Number of their Service Centre**, Mobile No. Email ID etc for after Sales Service at the delivery location.
- Escalation Matrix is to be provided for all the locations.

Signature and Seal of the Manufacturer/Vendor

ANNEXURE -H

(TERMS AND CONDITIONS COMPLIANCE TABLE)

Description	Complied Yes/No	Page No. of Bid Document	Detailed explanation about deviation, if not complied
Pre-requisite qualification			
Bid Security			
Cost of RFP			
Undertaking as per Clause No.13			
Manufacturer's Authorisation Form			
Letter of Authorisation to Bid			
Technical Details Form			
Performance Security			
Warranty – 3 Years			
Insurance			
UPS Maintenance			
Payment Terms			
Delivery, Installation and Commissioning			
Order Cancellation			
Liquidated Damages			
Penalty for delayed service			
Technical specification –Annexure J(A) & J(B)			
Force Majeure			

NOTE: This annexure is an indicative list. Vendor has to comply all terms and other conditions as per RFP document.

Signature of the Vendor with
Company Seal

Ref:

Date:

ANNEXURE –I
SCHEDULE OF REQUIREMENTS

I. UPS With Battery Bank for Branches/Offices:

Sl.No	Description	Qty
1	7.5 KVA UPS	100
2	5 KVA UPS	100
3	3 KVA UPS	120
	Total:	320

II. POINTS FOR VENDORS (FOR SUBMISSION OF BIDS):

- a. Vendor has to invariably submit Annexure H on compliance of various terms and conditions.
- b. Submission of requirements for technical evaluation should be systematic and the requirements should be clubbed item wise. For example: UPS with Battery Bank : Technical compliance sheet as per our format, Technical specifications chart, literature on technical parts , etc., Brochures, Certification details along with print proofs, etc.
- c. All papers both 'pre qualification, Technical and Financial (Price) Bids' should invariably be stamped, and signed by the personnel authorized to submit the Bid.
- d. Bid documents are to be numbered serially like Page 1 of 27, Page 2 of 27 etc.
- e. All documents meant for submissions should be properly filed either with spiral binding or in a box file to facilitate easy handling.
- f. All the Bidders are requested to please note that the Grand Total for UPS With Battery Bank as mentioned above and 3 years AMC cost will be adopted for evaluating the lowest quoted vendor (L1).

Ref:

Date:

ANNEXURE – J(A)

TECHNICAL SPECIFICATIONS FOR UPS and Batteries

Technical Specifications for Double Conversion Online 7.5 KVA UPS s with Four Hours Battery Backup		Complied Yes / No	Deviations if any
Components/Specifications	7.5KVA UPS SYSTEMS		
1.capacity	7.5KVA		
2.Model Name and No			
3.General			
INVERTER TECHNOLOGY	True On-line IGBT based-Double Conversion UPS with DSP (Digital Signal Processing) Technology.		
Noise Level	Less than 50 db		
Operating Temperature	0-45 degree centigrade		
Humidity	10 to 70% non-condensing		
Total Harmonic Distortion	<3% for 100% linear load <5 for 100% linear load		
Crest Factor	Minimum 3:1 at full load		
Output wave Form	Sinusoidal		
Cold Start Feature	Should be provided		
Active Input PF correction	>0.94 (equal to 0.94)		
4.INPUT	FOR 7.5 KVA		
Input	7.5 KVA , Single phase, 2 wire		
Input Voltage Range	230 V +15%, -25% Single Phase		
Input Frequency Range	47 to 53 Hz		
Input Power at full load (At Minimum rated power factor)	As provided in technical specs		
Input Voltage at which mains fail is sensed at full load and battery takes over.	170 VAC and 260 VAC for Single Phase		
5. OUTPUT			
Output Voltage	230 VAC for Single Phase, +/- 1.5% at full load		
Output Frequency	50 Hz +/- 0.5% 9 (free running)		
6. Efficiency			
Overall efficiency	85% or better		

Inventor efficiency	93% or better		
7. STATIC SWITCH (BI-DIRECTIONAL) for all rating	Should be provided and should take care of 100% load transfer without break.		
8.LOAD POWER FACTOR	Should be less than 0.7% lagging		
9.OVERLOAD CAPACITY	130 % overload for 60 seconds.		
	125% overload for 10 minutes.		
10.UPS SHUTDOWN			
Ups shutdown with an alarm and indication on.			
1.Output over voltage	240 VAC adjustable		
2.Output under voltage	200 VAC adjustable		
3. Battery Low	1.75 v/ cell		
4.Invertor over load	130% for 1 minute		
5.Over Temperature	Should be provided		
6.Output Short	Should be provided		
11.ISOLATION			
Isolation of Power	Both Input and Output should have MCB'S. Also Battery connection should have MCB/MCCB/Switch		
Isolation Transformer	Should be provided between input and output as built in		
Galvanic Isolation	Should be provided		
Manual Service Bypass	Should be provided		
12. PROTECTION			
Shortcut Protection	MCB/MCCB should trip on UPS or UPS should shut down without blowing any fuses		
Input over and Under Voltage	MCB with alarm.UPS should be absolutely safe in case of high voltage /high current /high spike /high surges etc at input to the UPS.		
Output over and Under Voltage	MCB with alarm. The safety of the load connected to the UPS should be protected under any circumstances		
13. INDICATORS	Marked Yes /No as applicable		
Over Temperature			
Load On Battery			
Battery on Charge			
Input Over/Under voltage			
Battery Low (warning and prior Half an hour Warning stating battery is going Low)			
Inverter on			
Inverter tripped			
Output Over Voltage			

Output low			
Charger on			
UPS On Bypass			
14.METRING	Available/Not Available/digital		
DC Voltage			
DC Current Charge			
Output Voltage			
Output Current			
Input Voltage			
Digital Three and Half digit Frequency Meter			
15.BATTERY BACKUP			
Period of backup	Four Hours for 7.5 KVA		
Batteries	SMF Batteries VRLA (Calcium batteries not acceptable)		
Total DC bus voltage	120/180/192/240/288VDC		
Battery make (Give literature)	Quanta/Exide		
Battery Charger (Internal/External) & type	Internal - Temperature controlled Battery charging with automatic Battery test.		
Minimum Charger Current	10 % of Battery AH		
Battery recharges time (after complete discharge) to 100% Charge.	Battery recharge time should not exceed 12 hrs		
Battery AH rating & Number of Batteries	Please specify no. of batteries and AH rating Bank prefers 100 AH		
No of batteries	20 batteries		
Battery Housing	Should be having on Racks		
Battery life	Minimum 3 Years		
16.AUDIBLE ALARM FOR FOLLOWING CONDITIONS	(YES/ NO)		
Battery Low			
Mains Failure			
Input Over /under Voltage			
Inverter under voltage			
Inverter over voltage			
Over temperature			
Inverter over load			
17. Cooling system of UPS	Forced Air		
18.Sine Wave UPS	For 7.5 KVA		

ANNEXURE – J(B)**TECHNICAL SPECIFICATIONS FOR UPS and Batteries**

Technical Specifications for Double Conversion Online 5 KVA UPS with Four Hours Battery Backup		Complied Yes / No	Deviations if any
Components/Specifications	5KVA UPS SYSTEMS		
1.capacity	5KVA		
2.Model Name and No			
3.General			
INVERTER TECHNOLOGY	True On-line IGBT based-Double Conversion UPS with DSP (Digital Signal Processing) Technology.		
Noise Level	Less than 50 db		
Operating Temperature	0-45 degree centigrade		
Humidity	10 to 70% non-condensing		
Total Harmonic Distortion	<3% for 100% linear load <5 for 100% linear load		
Crest Factor	Minimum 3:1 at full load		
Output wave Form	Sinusoidal		
Cold Start Feature	Should be provided		
Active Input PF correction	>0.94 (equal to 0.94)		
4.INPUT	FOR 5 KVA		
Input	5 KVA , Single phase, 2 wire		
Input Voltage Range	230 V +10%, -20% Single Phase		
Input Frequency Range	47 to 53 Hz		
Input Power at full load (At Minimum rated power factor)	As provided in technical specs		
Input Voltage at which mains fail is sensed at full load and battery takes over.	184 VAC and 253 VAC for Single Phase Or 160 VAC and 280 VAC for Single Phase		
5. OUTPUT			
Output Voltage	230 VAC for Single Phase, +/- 1.5% at full load		
Output Frequency	50 Hz +/- 0.5% (free running)		
6. Efficiency			
Overall efficiency	85% or better		
Inventor efficiency	93% or better		
7. STATIC SWITCH (BI-DIRECTIONAL) for all rating	Should be provided and should take care of 100% load transfer without break.		

8.LOAD POWER FACTOR	Should be less than 0.7% lagging		
9.OVERLOAD CAPACITY	130 % overload for 60 seconds. 125% overload for 10 minutes.		
10.UPS SHUTDOWN			
Ups shutdown with an alarm and indication on.			
1.Output over voltage	250 VAC adjustable		
2.Output under voltage	200 VAC adjustable		
3. Battery Low	1.75 v/ cell		
4.Invertor over load	130% for 1 minute		
5.Over Temperature	Should be provided		
6.Output Short	Should be provided		
11.ISOLATION			
Isolation of Power	Both Input and Output should have MCB'S. Also Battery connection should have MCB/MCCB/Switch		
Isolation Transformer	Should be provided between input and output as built in		
Galvanic Isolation	Should be provided		
Manual Service Bypass	Should be provided		
12. PROTECTION			
Shortcut Protection	MCB/MCCB should trip on UPS or UPS should shut down without blowing any fuses		
Input over and Under Voltage	MCB with alarm.UPS should be absolutely safe in case of high voltage /high current /high spike /high surges etc at input to the UPS.		
Output over and Under Voltage	MCB with alarm. The safety of the load connected to the UPS should be protected under any circumstances		
13. INDICATORS	Marked Yes /No as applicable		
Over Temperature			
Load On Battery			
Battery on Charge			
Input Over/Under voltage			
Battery Low (warning and prior Half an hour Warning stating battery is going Low)			
Inverter on			
Inverter tripped			
Output Over Voltage			
Output low			
Charger on			
UPS On Bypass			
14.METRING	Available/Not Available/Digital		

DC Voltage			
DC Current Charge			
Output Voltage			
Output Current			
Input Voltage			
Digital Three and Half digit Frequency Meter			
15.BATTERY BACKUP			
Period of backup	Four Hours for 5 KVA		
Batteries	SMF Batteries VRLA (Calcium batteries not acceptable)		
Total DC bus voltage	120/180VDC		
Battery make (Give literature)	Quanta/Exide		
Battery Charger (Internal/External) & type	Internal - Temperature controlled Battery charging with automatic Battery test.		
Minimum Charger Current	10 % of Battery AH		
Battery recharge time (after complete discharge) to 100% Charge.	Battery recharge time should not exceed 12 hrs		
Battery AH rating & Number of Batteries	Please specify no. of batteries and AH rating Bank prefers 100 AH		
no of batteries	15 batteries		
Battery Housing	Should be having on Racks		
Battery life	Minimum 3 Years		
16.AUDIBLE ALARM FOR FOLLOWING CONDITIONS	(YES/ NO)		
Battery Low			
Mains Failure			
Input Over /under Voltage			
Inverter under voltage			
Inverter over voltage			
Over temperature			
Inverter over load			
17. Cooling system of UPS	Forced Air		
18.Sine Wave UPS	For 5 KVA		

Ref

Date

ANNEXURE – J(C)
TECHNICAL SPECIFICATIONS FOR UPS and Batteries

Technical Specifications for Double Conversion Online 3 KVA UPS s with Four Hours Battery Backup		Complied Yes / No	Deviations if any
Components/Specifications	3 KVA UPS SYSTEMS		
1.Capacity	3 KVA		
2.Model Name and No			
3.General			
INVERTER TECHNOLOGY	True On-line IGBT based-Double Conversion UPS with DSP (Digital Signal Processing) Technology.		
Noise Level	Less than 50 db		
Operating Temperature	0-45 degree centigrade		
Humidity	10 to 70% non-condensing		
Total Harmonic Distortion	<3% for 100% linear load <5 for 100% linear load		
Crest Factor	Minimum 3:1 at full load		
Output wave From	Sinusoidal		
Cold Start Feature	Should be provided		
Active Input PF correction	>0.94 (equal to 0.94)		
4.INPUT	FOR 3 KVA		
Input	3 KVA , Single Phase, 2 wire		
Input Voltage Range	230 V +10%, -20% Single Phase		
Input Frequency Range	47 to 53 Hz		
Input Power at full load (At Minimum rated power factor)	As provided in technical specs		
Input Voltage at which mains fail is sensed at full load and battery takes over.	Less than 180 V or more than 260 V for Single Phase(Nominal 230V)		
5. OUTPUT			
Output Voltage	230 VAC for Single Phase, +/- 1.5% at full load		
Output Frequency	50 Hz +/- 0.5% 9 (free running)		
6. Efficiency			
Overall efficiency	85% or better		
Inventor efficiency	93% or better		
7. STATIC SWITCH (BI-DIRECTIONAL) for all rating	Should be provided and should take care of 100% load transfer without break.		

8.LOAD POWER FACTOR	Should be less than 0.7% lagging		
9.OVERLOAD CAPACITY	130 % overload for 60 seconds. 125% overload for 10 minutes.		
10.UPS SHUTDOWN			
Ups shutdown with an alarm and indication on.			
1.Output over voltage	250 VAC adjustable		
2.Output under voltage	200 VAC adjustable		
3. Battery Low	1.75 v/ cell		
4.Invertor over load	130% for 1 minute		
5.Over Temperature	Should be provided		
6.Output Short	Should be provided		
11.ISOLATION			
Isolation of Power	Both Input and Output should have MCB'S. Also Battery connection should have MCB/MCCB/Switch		
Isolation Transformer	Should be provided between input and output as built in		
Galvanic Isolation	Should be provided		
Manual Service Bypass	Should be provided		
12. PROTECTION			
Shortcut Protection	MCB/MCCB should trip on UPS or UPS should shut down without blowing any fuses		
Input over and Under Voltage	MCB with alarm.UPS should be absolutely safe in case of high voltage /high current /high spike /high surges etc at input to the UPS.		
Output over and Under Voltage	MCB with alarm. The safety of the load connected to the UPS should be protected under any circumstances		
13. INDICATORS	Marked Yes /No as applicable		
Over Temperature			
Load On Battery			
Battery on Charge			
Input Over/Under voltage			
Battery Low (warning and prior Half an hour Warning stating battery is going Low)			
Inverter on			
Inverter tripped			
Output Over Voltage			
Output low			
Charger on			
UPS On Bypass			
14.METRING	Available/Not Available		

DC Voltage			
DC Current Charge			
Output Voltage			
Output Current			
Input Voltage			
Digital Three and Half digit Frequency Meter			
15.BATTERY BACKUP			
Period of backup	Four Hours for 3 KVA		
Batteries	SMF Batteries VRLA (Calcium batteries not acceptable)		
Total DC bus voltage	96/144VDC		
Battery make (Give literature)	Quanta/Exide		
Battery Charger (Internal/External) & type	Internal - Temperature controlled Battery charging with automatic Battery test.		
Minimum Charger Current	10 % of Battery AH		
Battery recharge time (after complete discharge) to 100% Charge.	Battery recharge time should not exceed 12 hrs		
Battery AH rating & Number of Batteries	Please specify no. of batteries and AH rating Bank prefers 100 AH		
no of batteries	8 batteries		
Battery Housing	Should be having on Racks		
Battery life	Minimum 3 Years		
16.AUDIBLE ALARM FOR FOLLOWING CONDITIONS	(YES/ NO)		
Battery Low			
Mains Failure			
Input Over /under Voltage			
Inverter under voltage			
Inverter over voltage			
Over temperature			
Inverter over load			
17. Cooling system of UPS	Forced Air		
18. Sine wave UPS	For 3 KVA UPS		

Annexure-K
(Performance Bank Guarantee Form)

Prathama Bank,
Department of Information Technology
Corporate Office,
Prathama Bank Ram Ganga Vihar-II
Moradabad-244001

WHEREAS (_____) has undertaken in pursuance of the contract no. _____ dated _____ to, inter-alia, supply of _____ as per the contract document (herein after called "The Contract"), dated _____

AND WHEREAS it has been stipulated by you in the said contract that _____ shall furnish you with a performance bank guarantee by a recognized bank for the sum of Rs. _____ specified therein as security for compliance with the _____ performance obligations in accordance with the contract.

AND WHEREAS we have agreed to give you the guarantee on behalf of _____ -

THEREFORE WE hereby affirm that we as guarantors and responsible to you, on behalf of _____, upto a total of Rs. _____ and we undertake to pay you, upon your first written demand declaring _____ to be in default under the contract and without cavil or argument, any sum or sums within the limit of Rs. _____ as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ (Date)

"All rights and obligations arising from this guarantee shall be governed by the laws of Republic of India".

Notwithstanding anything herein above contained including what is stated in clauses thereof, our liability under this guarantee is restricted to Rs. _____ and shall remain in force until _____. (Date) Unless a demand or claim under the guarantee is lodged with us in writing at **Moradabad** on or before _____ (Date), all your rights under said guarantee shall be forfeited and we shall be relieved and discharged form all liabilities hereunder whether or not this document is returned.

Place:
Date:

*******End of Document*******