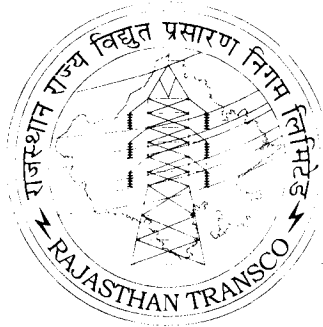


# RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED



NIB/ No.RVPN / SE (MIS&IT) / F.RFQ / On line UPS /18-19/ TN-9

## BIDDING DOCUMENTS FOR

***“Supply & installation of Online UPS of 1 ( One ) KVA for network equipment and AV equipment at VidyutBhawan .***

### BID DOCUMENTS CONSIST OF THE FOLLOWING VOLUMES

- SECTION - I: INSTRUCTIONS TO BIDDERS, PRICE SCHEDULE.
- SECTION – II: CONDITION OF CONTRACT
- SECTION –III: Specifications (Annexure–A)

Date & time of opening of Bid:--- 25.09 .18 at 3.30 PM

Venue for Opening of Bid- Superintending Engineer (MIS&IT)  
RVPNL, IT Centre Jaipur  
Chambal Power House Premises,  
HawaSarak, Jaipur

Estimated cost :- Rs.99644/-

Cost of Tender Document: - Nil

EMD:- ...NIL.....

### Submission of bid To:-

Superintending Engineer(MIS&IT)  
RVPNL, IT Centre Jaipur  
Chambal Power House Premises, HawaSarak, Jaipur

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RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD.  
OFFICE OF THE SUPERINTENDING ENGINEER (MIS & IT)  
IT Centre, Chambal Power House ,Hawa Sarak , Jaipur-302 006  
Phone: +91-141- 2293713 Website: [www.rvpn.co.in](http://www.rvpn.co.in)



Email: [se.mis@rvpn.co](mailto:se.mis@rvpn.co)

818/17.9.18

**NO: RVPN/ SE (MIS&IT)/XEN-3 / F. 73. / Wire less Micro Phone / D. Date.**

**NIB No- TN 9 / 2018-19**

RVPNL invites **RFQ** bids from the eligible bidders for **“Supply & installation of 03 NUMBERS Online UPS of 1 (One ) KVA Rating for network equipment and AV equipment in Vidyut Bhawan** .The Schedule of dates is as under:

| SN. | Activity/Milestone  | Date/Details  |
|-----|---|---|
|     | Date of Release of RFQ  | 17.9.18   |
|     | Cost of Bid Document (Non Refundable)                             | Rs..NIL   |
|     | Earnest Money Deposit (EMD) @2% of Contract value                 | Rs....nil ..  |
|     | Estimated Cost  | Rs.99644/-  |
|     | Bid Submission Start Date & Time                                  | ..17.9.18   |
|     | Bid Submission End Date & Time                                    | ..25.9.18.at 3.00 PM                                      |
|     | Bid ( Both Technical +Financial )-single stageOpening Date & Time | ..25.9.18.at 3.30 PM                                      |
|     | Website for downloading Bid Document                              | <a href="http://www.rvpn.co.in">http://www.rvpn.co.in</a> |
|     | Bid Price Validity period   | 90 Days from the date of bid submission                   |

Queries related to bid may be sent to [se.mis@rvpn.co.in](mailto:se.mis@rvpn.co.in)

Superintending Engineer(MIS&IT)  
RVPNL Jaipur

Seal & Sign of firm



**RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED**  
**OFFICE OF THE SUPERINTENDING ENGINEER (MIS&IT)**  
Regd. Office: VidyutBhawan, Janpath, Jyoti Nagar, Jaipur-302005  
IT CENTRE , CHAMBAL POWER HOUSE PREMISES JAIPUR  
Phone: +91-141- 2293713(Ext.11010) [Email-se.mis@rvpn.co.in](mailto:Email-se.mis@rvpn.co.in)

ISO 9001:2008 Certified Company

No.RVPNL/SE (MIS & IT)/ XEN-3 /F.73/ On line UPS / TN no . 9 / 18-19 D. DATE, JP

D.818/17.9.18

**Request For Quotations**

Sealed quotations/offers are invited from experienced firms under RFQ Notice for undertaking the **Supply & installation of 03 on line UPS of 1 ( One ) KVA Rating for network equipment and AV equipment in VidyutBhawan** as detailed below.

| S No | Description   |
|------|---|
| 1    | RVPNL invites RFQ bids from the eligible bidders for " <b>Supply &amp; installation of 03 on line UPS of 1 ( One ) KVA Rating for network equipment and AV equipment in Vidyut Bhawan .</b> " |

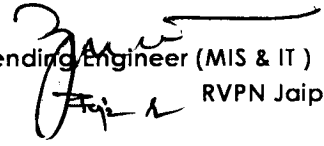
Quotation form, terms & conditions and scope of work attached herewith. The offered prices should be valid for 90 days from the **date of opening of quotations and should reach to this office up to 3.00 PM on dated 25.09.18** along with quotation form duly filled and **signed/sealed of the firm**. The offers shall be opened on the same date at **3.30 PM** in the chamber of the Superintending Engineer(MIS&IT) RVPNL, IT Centre Jaipur Chambal Power House Premises ,Hawa Sarak, Jaipur .

The sealed envelope should be marked "Quotations for Supply & installation of On line UPS of 1 ( One ) KVA for network equipment and AV equipment at Vidyut Bhawan

  
Superintending Engineer (MIS & IT )  
RVPN Jaipur

Copy submitted / forwarded to the following for information:-

1. The Chief Engineer (IT), RVPN, VidyutBhawan Jaipur.
2. The SAO (Civil ) RVPN, Jaipur with request to arrange to depute any Actt / Jr.actt to attend as a member of bid opening committee on dated ..... at 3.30 PM to open aforesaid NIT .
3. The Sr. Accounts Officer (EA-Cash)/ ( CPC ) , RVPN, VidyutBhawan, Jaipur.
4. The XEN-3 (MIS & IT), RVPN,Vidyut Bhawan Jaipur.
5. Web admin O/o SE (MIS & IT ) RVPN to upload on RVPN website.
6. The Notice Board, IT center, Jaipur.

  
Superintending Engineer (MIS & IT )  
RVPN Jaipur

**Price Schedule.**

{To be submitted by the bidder only in following format}

Bid Inviting Authority: Superintending Engineer (MIS&IT) RVPNL Jaipur

Name of Work: **Supply & installation of 03 On line UPS of 1 ( One ) KVA Rating for network equipment and AV equipment in Vidyut Bhawan.**

NIB/ Ref. No: RVPN/SE(MIS&IT)/F.RFQ NIT/**On line** UPS /TN-9

Bidder Name:.....

**Request Quotation Form**

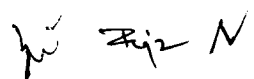
**1.0 Material and Price Schedule - :**

| S. No  | ITEM   | Qty. (Nos.) | Unit Rate (Rs.) | GST @ 18% | Unit FORD Price (Including GST) in Rs | Total Price inclusive of all Taxes (Rs.) |
|--|--|-------------|-----------------|-----------|---------------------------------------|--|
| (A)  | (B)  | (C)         | (D)             | (E)       | G= (D+E)                              | H= (G*C)                                 |
| 1  | RVPNL invites RFQ bids from the eligible bidders for RVPNL invites RFQ bids from the eligible bidders for <b>“Supply &amp; installation of On line UPS 1 (One) KVA for network equipment and AV equipment in VidyutBhawan.</b> | 3           |                 |           |                                       |  |
| Total Amount in Rs.  |  |             |                 |           |                                       |  |
| <b>(1) Total cost with all taxes should be less than Rs.99644/-only &amp; the quoted price should be firm .</b><br><b>(2) The unit rate quoted in column no. (D) Shall include any applicable transportation, insurance charges, custom duty taxes etc. but excluding GST.</b> |  |             |                 |           |                                       |  |

Detailed technical specification as per **Annexure “A** “

Total Price in words \_\_\_\_\_

**Seal & Sign of firm**



## SECTION - I

### 1. INSTRUCTIONS TO BIDDERS

#### 1.1 INTRODUCTION:

The bidder, in his own interest, is requested to read the instruction and terms & conditions very carefully before filling the bid incorporated in Section-I & Section-II before filling the bid form. If he has any doubts as to the meaning of the specification or any portion thereof, he shall before submitting the bid, at once furnish them to the Superintending Engineer (MIS&IT), RVPNL, IT Centre Chambal Power House, Jaipur in writing at least 7(Seven) days before the specified date of submission/opening of bid in order that such doubts may be removed.

Submission of the bid shall be deemed to be the conclusive proof of the fact that the bidder has acquainted him-self and is in agreement with all the instructions, terms and conditions governing the specification, unless otherwise specifically indicated/commented by him in the prescribed schedule of deviation to be submitted with his bid.

#### 1.2 FILLING OF BID:

- 1.2.1 Bid shall be submitted offline in the forms attached hereto and all blanks in the bid and the schedules of the specification shall be duly filled in. The completed form(s), schedule(s) shall be considered as part of the contract documents in case of successful bid(s).
- 1.2.2 No addition/alternation should be made in the form of the bid specification and schedules. The bidder must comply entirely with the specification. The deviations mentioned elsewhere in the offer will not be accepted. The printed terms and conditions of firms, if any, attached with the bid will not be considered as part of bid and will be summarily rejected.
- 1.2.3 **The bid and all accompanying documents shall be in English language and shall be sealed & signed at each page of bid document by authorized person.** The name, designation and authority of the signatory shall be stated in the bid.
- 1.2.4 Bid should be filled in only with ink, ball pen or typed. Bid filled in by pencil or likewise, shall not be considered.
- 1.2.5 All additions, alterations and over-writings in the bid must be clearly authenticated and signed by the signatory to the bid. All cutting / over-writing in figures of bided documents should also be clearly indicated in the words & should be duly signed by the authorized signatory.
- 1.2.6 The bidders are required to furnish the clarification/ confirmation / documents if sought subsequent to opening of bid within specified time failing which the purchase case shall be decided / awarded on the basis of available information only. The entire responsibility of bid being

*[Handwritten signature]*

ignored on account of delay in furnishing of desired information / documents shall be of the bidder.

1.2.7 The Purchase Officer will not be responsible to accept any cost involved in the preparation or submission of bid.

1.2.8 The bid / offer shall be submitted/furnished in as prescribed complete Bid Documents in the o/o the SE(MIS&IT) RVPN ,IT Centre Chambal Power House Jaipur on or before the date of opening of Bid in the following manner:-

a) Single cover shall contain "TECHNO-COMMERCIAL & "FINANCIAL/ PRICE BID". The bidder is required to furnish all relevant bid documents, the Price Schedules, as per Specification including documents in support of qualifying requirement *and* their addendum/corrigendum, if any, along with details required in various schedules, so that the Purchase Officer may be able to examine whether the offer submitted is meeting the requirements of the techno-commercial and financial terms and conditions of specification.

This price bid shall include submission of details of prices as per price schedule of the specification. **The price bid will be opened on the scheduled date in respect of those bidders whose offers are found/adjudged technically and commercially acceptable and all condition of contract are fulfilled by the bidder**

**The date of opening of "PRICE BID" shall be the same day at opening of this bid in due course of time.** Deviation of any kind shall not be quoted in price bid. If found quoted, the same shall not to be acceptable.

b).All the relevant Bid document shall be uploaded on RVPN portal (<http://www.rvpn.co.in>), and shall be submitted in hard copy by the bidder as per bid/price schedule IN THE O/O SE ( MIS & IT ) IT CENTER CHAMBAL POWER HOUSE JAIPUR .

c) The bidder shall also ensure that his bid is furnished/ submitted strictly in the manner detailed in the specification.

1.2.9 The bid and accompanying document/ schedules should be addressed to the Superintending Engineer (MIS&IT), Rajasthan Rajya Vidyut Prasaran Nigam Ltd., IT Centre Chambal Power House, JAIPUR – 302006(Raj.).

1.2.10 Bidders shall indicate in their bid the name and complete address of excise authorities under whose jurisdiction their office falls.

1.2.11 Telegraphic bid/quotations or bid given in the form other than prescribed Bid document will not be considered.



### **1.3 RECEIPT AND OPENING OF BID:**

1.3.1 Bid shall be received offline in following Single covers:

Techno-Commercial Bid Documents and Financial/ Price Bid Documents

The Complete Bid documents can be downloaded from the RVPN Web Site "OR" can be received directly from o/o the SE(MIS&IT) RVPN , IT Centre Jaipur with submission of bid Document Cost and submit in one envelop as above on or before the prescribed bid submission date and time.

Sealed Cover documents/Bid Document in original shall be sealed in a single envelope duly superscripted **NIB No.RVPN/SE(MIS&IT)/F./RFQ NIT/ On line UPS /18-19 / TN-9 TO BE OPNED ON 25 / 09 / .2018 (3.30PM)**". The same shall be submitted/ delivered in the office of the Superintending Engineer (MIS&IT), Rajasthan Rajya Vidyut Prasaran Nigam Ltd., IT Centre Chambal Power House, JAIPUR - 302006 (Raj.) on or before the prescribed date and time of submission of bid.

1.3.2 Bidder should carefully view/note the last date of submission/ opening schedule i.e. date and time for bid to be submitted in the O/o the SE (MIS&IT) RVPN , Chambal Power House Jaipur . Bidders are advised to submit their bids well in time. In no case time extension on such pretext shall not be entertained by Nigam.

1.3.3 Bid (Techno Commercial & Financial bid documents) will be open Superintending Engineer (MIS&IT), RVPNL,IT Centre, Chambal Power House Premises, Hawa Sarak, Jaipur, on the prescribed date and time in the presence of such bidders or their authorized representative who choose to be present.

### **1.4 SIGNATURE OF BIDDER:**

The bid must contain the name, designation and place of business of the person or persons making the bid and **must be signed and sealed by the bidder with his usual signatures at each page of bid document**. Bid by a partnership firm must be furnished with the full names of all the partners and should be signed with the partner's name by one of the members of partnership or by an authorized representative indicating the signatures and designations of the person or persons signed with the legal entity of the Corporation/Companies by the Chairman or by the Secretary or by other person or persons authorized to bind the Corporation/Company in the matter. The bidder should sign the bid form/bid at the end of each page.

### **1.5 VALIDITY OF OFFERS:**

Bid shall be valid for a minimum period of **90** days from the date of opening of Techno-Commercial & Financial bid documents. Bid mentioning a shorter validity period than specified are likely to be ignored.

### 1.6 PRE-QUALIFICATION/ ELIGIBILITY CRITERIA:

A bidder participating in the procurement process shall possess the following minimum pre-qualification/ eligibility criteria

| S. No. | Basic Requirement                 | Bidder Qualification Requirement/ Condition  | Document required to be submitted by Bidder in Support   |
|--------|-----------------------------------|--|--|
| 1      | Legal Entity                      | The bidder should be a Proprietorship firm duly registered either under the Rajasthan Shops & Commercial Establishments Act, 1958 or any other Act of State/ Union, as applicable for dealing in the subject matter of procurement<br>(Note: A self-certified declaration regarding the non-applicability of registration to any Act should be submitted by the bidder ).<br><br>OR<br>A company registered under Indian Companies Act, 1956 or 2013.<br><br>OR<br>A partnership firm registered under Indian Partnership Act, 1932.   | -Self-certified declaration(if applicable)<br>-Copy of Certificates of incorporation<br><br>Supporting Documents are required to be submitted by bidder                |
| 2.     | Financial: Turnover from IT/ ITeS | Annual Turnover of the bidder (as per the last published audited balance sheets) during each of the last three financial years i.e. 2014-15, 2015-16, 2016-17 should be at least Rs. 1 lacs.   | CA Certificate with CA's Registration Number/ Seal   |
| 3.     | Technical Capability              | The bidder must have experience of successfully supply /maintenance/ installation of at least <b>one</b> contract /PO of regarding <b>“Supply &amp; installation of On line UPS of 1 ( One ) KVA for network equipment and AV equipment or Supply &amp; installation of other network hardware &amp; electronics hardware</b> .<br>Company/ state/Central Govt. deptt. / PSU/Private organization /company with a value not less than the amount Rs. 1 lacs (Single Order) or' Sum of Total Rs. 1 lacs ( combined of one or more Orders ) during last 5 years from the date of bid submission. | Work Completion Certificates from the client; with Copy of purchase order OR<br>Work Order + Phase Completion Certificate from the client showing completion of supply |
| 4.     | Tax Registration and Clearance    | The bidder should have a registered number of<br>i. PAN Card<br>ii. GST Registration Number  | Copies of relevant certificates of registration  |

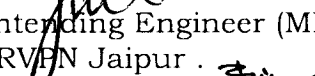

*Signature*      *2/7/2*



## 1.7 Evaluation & Tabulation of Techno-commercial & Financial Bids:

Subject to the provisions of "Acceptance of Successful Bid and Award of Contract" below, the procuring entity shall take following actions for evaluation of Techno-commercial & financial Bids:-

- a. It is a single part bid .The Financial Bids & Technical Bid shall be opened on the same day of opening of bid.Those bidders who qualified in technical evaluation shall be allowed to evaluate their financial bid at the same day of opening ofRFQ NIT by the bid evaluation/opening committee in the presence of the bidders or their representatives who choose to be present.
- b. The process of opening of the technical Bids &financial Bids shall be similar
- c. The names of the bidders, the rates given by them and conditions put, if any, shall be read out and recorded;
- d. Conditional Bids are liable to be rejected;
- e. The evaluation shall include all costs and GST/all taxes and duties applicable to the bidder as per law of the Central/ State Government/ Local Authorities, and the evaluation criteria specified in the bidding documents shall only be applied;
- f. The offers shall be evaluated and marked L1, L2, L3 etc. **L1** being the lowest offer and then others in ascending order;
- g. The bid evaluation committee shall prepare a comparative statement in tabular form in accordance with rules along with its report on evaluation of financial Bids and recommend the lowest offer for acceptance to theprocuring entity, if price is the only criterion, or most advantageous Bid in other case;

  
Superintending Engineer (MIS&IT)  
RVFN Jaipur . 

**Seal & Sign of firm**

## SECTION – II: TERMS & CONDITION OF CONTRACT

### TERMS & CONDITIONS

#### 1.0 SCOPE OF WORK

##### **Supply:**

- a. The Firm/Supplier shall be responsible for **“Supply & installation of 03 On line UPS of 1 ( One ) KVA for network equipment and AV equipment in Vidyut Bhawan.** Supply of any passive component required for completing for installation (if required) are also in the scope of work.
- b. The firm shall be responsible for successful installation & commissioning of **Online UPS of 1 KVA, three numbers (03)** including complete set up ( battery bank Rack , link & other hardware & accessories etc. ) at Vidyut Bhawan RVPN Jaipur as per direction/supervision of AEN ( MIS & IT –Hardware ) & OSD ( Telecom ) RVPN Jaipur .

#### 2.0 PRICES:

- i.) The firm/Supplier shall have to quote the unit rate mentioned at column No. (H) of price schedule inclusive of destination/transportation/Freight charges and all other charges but exclusive of GST which shall be charged separately as applicable in column No. (E). However, in case of any change in government tax/GST, the same would be paid as applicable at the time of supply within the delivery schedule as per clause 5.0.

#### 3.0 TERMS OF PAYMENT :

**95% payment** of the contracted price shall be made after **“Supply & installation of On line UPS of 1 ( One ) KVA ,three numbers (03) for network equipment and AV equipment at Vidyut Bhawan .**to the satisfaction of consignee.

95 % Payment shall be made within a period of 30 days after submission of bill in triplicate in the name of SE(MIS&IT). Payment shall be made by Sr. AO(CPC), RVPN Jaipur. In case of delay in payment RVPN shall not be liable to pay any interest on outstanding amount & balance 5 % amount shall be kept as performance security and same shall be refunded after warranty period .

#### 4.0 DELIVERY PERIOD:

Delivery period for the above complete material will be within 30 days from the date of issue of the order to the firm. Delivery & installation /commissioning period for the above complete material will be 30 days from the date of issue of the order.

Before delivery of these UPS the firm may depute any network engineer for examine the site and concerned person may contact to the OSD (Telecom )/AEn(MIS&IT-Hardware ) /JEN( MIS & IT ) Room no. 101 Vidhyt Bhawan for any queries /clarification & inspection / testing of On line UPS also .

*Handwritten signature*

**5.0 CONSIGNEE:**

Material should be delivered to the AEn (MIS&IT-Hardware ) Room No.101, Vidhyt Bhawan ,RVPN Jaipur. The consignee shall verify the bill/invoice & challen of the material after receiving complete material in good conditions.

**6.0 WARRANTEE:**

The Supplier/Firm shall provide **two year onsite warrantee** on supplied material. The period of warrantee shall be reckoned from the date of acceptance certificate after receiving by the purchaser/consignee.

**7.0 Service Support after Sales:**

The Firm/supplier shall be responsible for arrange to replace the defective/damaged part or as a whole of the defective unit during the warrantee period at his own risk and cost. RVPN shall not make any additional payment against defective /damaged material during warrantee period. In case firm/contractor fails to replace the defective material, the amount of 5% of contract value shall be recovered through performance security/ guarantee .The Service center of Firm/supplier must be at Jaipur to avoid any delay for attending defective/damaged part of online UPS.

**8.0 PENALTY CLAUSE FOR DELAY IN DELIVERY:-**

The time and the date of supply specified above being the essence of the contract must be adhered to on supply & installation completed not later than the period specified in delivery clause. In case of failure to deliver & install the above complete material as per order, or any part thereof within the specified delivery & installation period, penalty @ ½ % (half present) per week or part thereof subject to maximum 10% of the contract value will be recovered from firm's bill.

**9.0 GENERAL TERMS & CONDITION :**

- I. RVPN reserve the right to make any changes in the scope of works as defined in the bidding documents.
- II. Each pages of quotation must be signed and sealed by the contractor/supplier.
- III. RVPN reserves the right to accept or reject any bids and the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the RVPNL action.
- IV. The acceptance of offer will rest with the SE(MIS&IT) RVPNL Jaipur who does not bind himself to accept the lowest bid and reserves the right to reject any or all the bid received without the assignment of any reasons . All the bids in which any of the prescribed conditions are not fulfilled or are incomplete in any respect shall liable to be rejected.
- V. Canvassing in connection with bid is illegal and strictly prohibited and the bid submitted by bidder, who resorts to canvassing, will be liable to be rejected.

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## 10.0 INSPECTION AND TESTING:

- (i). The purchaser reserves the right to get the material inspected before delivery as per the technical specifications at your works/office site. The items shall be inspected by the inspecting officer(s) deputed by this office for its functionalities, hardware/software checking and technical/performance parameters. The inspection shall be carried out on at least 5 % quantity of the offered items. The supplier shall provide all the requisite information to the inspector(s) such as list of items with quantities, item serial number etc..
- (ii). No equipment/product shall be dispatched from manufacturer's/firm's store unless the material has been satisfactorily inspected and cleared by the inspecting officer until and unless the inspection is waived off by the purchaser.
- (iii). Inspection and acceptance of any quantity of equipment shall in no way relieve the supplier from his responsibility for meeting all the requirements of the specification and this shall not prevent subsequent rejection if such equipment is later on found defective.
- (iv). The material supplied against this order will be physically got verified at Vidyut Bhawan /IT Centre Chambal Power House Jaipur and this will be counter checked by XEN-3(MIS&IT). But applicable certificates of Factory acceptance test must be furnished along with the supply.

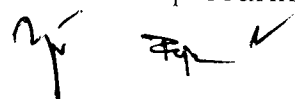
**11.0 Disputes:-** All the disputes, differences, questions whatsoever so arising between the Nigam and the supplier upon or in relation to or in connection with the supply, shall be deemed to have arisen at Jaipur (Rajasthan) only and no courts other than courts in Jaipur shall have jurisdiction to entertain the same.

**12.0 Performance Security :** In order to secure/assure the due fulfilment of the contract, the firm shall have to deposit the performance security amount equivalent to 5% (five percent) of the amount of work order. However, the successful bidder at the time of signing of the contract agreement, may submit option for deduction of performance security from his each running and final bill @ 5% of the amount of the bill. The same shall be refunded after completion of warranty period.

## 13. Contract Agreement:-

- i) For the fulfillment of the contract you shall execute an agreement in triplicate in the prescribed form (Performa enclosed at Annexure A' on non-judicial stamp paper equivalent to 0.25% of the contract value subject to maximum of Rs 15000/- and minimum of Rs. 500 / , within 15 days from issue of the letter of award/work order. Such Agreement shall be executed and signed by the competent authority of the company with seal thereon. All expenses on this account will be on firm account & the payment shall not be released till the contract agreement is executed by the firm and accepted by the purchaser.

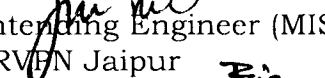

If the firm fails to sign a written Contract Agreement or fails to furnish the required performance security with in specified period, the procuring entity shall take action against the successful firm as per the provisions of the RTPP Act and these rules. The procuring



entity may, in such case, cancel the procurement process or if it deems fit, offer for acceptance the rates of lowest or most advantageous firm to the next lowest or most advantageous firm, in accordance with the criteria and procedures set out in the bidding documents.

**14. ACCEPTANCE OF THE ORDER:-** You are requested to convey your acceptance of this order within 7 days from the date of issue of the order, failing which it will be assumed that the order has been accepted by you including terms & conditions incorporated herein. One spare copy of this purchase order is enclosed herewith, which may please be returned to this office duly signed and stamped on each page in token of acceptance of the purchase order.

**Encl.:- 1. Annexure -A Specifications mandatory requirement.**

  
Superintending Engineer (MIS&IT)  
RVEN Jaipur 

**Seal & Sign of firm**

Annexure –A( Section -III )

Item No. – **Technical Specification of ON Line UPS of (1KVA)**

| Item                           | Description  | Compliance (Yes/No) | Deviations (if Any) |
|--------------------------------|--|---------------------|---------------------|
| Make & Model Offered           |  |                     |                     |
| Certification                  | CE or UL Certified   |                     |                     |
| General                        | On line 1 ( One ) KVA  |                     |                     |
|                                | Single Phase Input & Single Phase Output   |                     |                     |
|                                | Shall be housed in Rugged enclosure and free from workmanship defects  |                     |                     |
| Technology                     | True online UPS.IGBT – PWM with in built isolation transformer.  |                     |                     |
| Power Rating Input             | 1000 VA / 800 W  |                     |                     |
| Frequency                      | 47.5 Hz - 52.5 Hz  |                     |                     |
| Out put power                  | Single Phase 230 V +/- 3%  |                     |                     |
| Technology                     | 1 GBT / MOSFET Based   |                     |                     |
| Input Voltage                  | 160 V – 260 V, 50 Hz+/-3 Hz Single Phase AC  |                     |                     |
| Power Factor                   | 0.8 or more  |                     |                     |
| Crest Factor                   | 3:1  |                     |                     |
| Protection                     | a) Input voltage goes outside the range 160 to 260 Volts the system shall switch over to battery mode.<br>b) Over voltage, short circuit, and overload at UPS output terminals.<br>c) Protection against over discharge & over load protection <b>&amp; Surge Protection</b> |                     |                     |
| Battery Type                   | Sealed Maintenance free, value regulated lead acid .   |                     |                     |
| Battery make                   | OEM should be DSO 9001 and ISO 14001   |                     |                     |
| Battery <b>&amp; Back time</b> | minimum 1 hour backup & Min.1500 VAH or higher (Battery should be installed within UPS cabinet)  |                     |                     |
| Warranty                       | <b>2 (two)</b> years on site Warranty  |                     |                     |

Superintending Engineer (MIS&IT) **Seal & Sign of firm**  
 RVPN Jaipur *Fy2 N*