

# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY UNA HP

## SCHOOL OF COMPUTING

Web: [www.iiitu.ac.in](http://www.iiitu.ac.in)

Phone: 01972 – 224378



# TENDER DOCUMENT

**Tender Notification No.:** IIITU/TC-II-UPS-Modular-40KVA-2019/

**Dated:** 28-05-2019

Name of the component	: <b>40 KVA Modular UPS</b>
Quantity required	: <b>1 No.</b>
EMD Amount	: <b>Rs.38000.00</b>
Cost of the Tender Document	: <b>Nil</b>
Delivery	: <b>Within 21 Days</b>
Last Date of submission of Tender	: <b>Monday 17 June 2019 at 2.00 p.m.</b>
Address for submission of Tender	: The Director, Indian Institute of Information Technology, Una NIT Campus, Hamirpur, 177005
Address of delivery	: Transit Campus-II, Vill. Chandpur, Teh. Haroli, Distt. Una, HP, 177220
Date of opening of technical bid	: <b>Monday 17 June 2019 at 3.00 p.m.</b>



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY  
UNA**

**SCHOOL OF COMPUTING**

**Tender Notification No.:** IIITU/TC-II-UPS-Modular-40KVA-2019/  
**Dated: 28-05-2019**

**NOTICE INVITING TENDER**

The Indian Institute of Information Technology, Una is an autonomous body under MHRD, GOI, imparting Technical Education and engaged in Research Activities. It is proposed to procure 40 KVA UPS for the institute.

Sealed bids under **two bid system** are invited for the following component subject to the following terms and conditions, from the reputed manufacturers or their authorized dealers so as to reach this office on or before scheduled date and time. The technical cover will be opened on the same day in the presence of bidders or their authorized agents who may choose to be present.

Name of the component	: <b>40 KVA Modular UPS</b>
Quantity required	: <b>1 No.</b>
EMD	: <b>Rs.38000.00</b>
Cost of the Tender Document	: <b>Nil</b>
Time for completion of supply after placing purchase order	: <b>Within 21 Days</b>
Last Date of submission of Tender	: <b>Monday 17 June 2019 at 2.00 p.m.</b>
Address for submission of Tender	: The Director, Indian Institute of Information Technology Una NIT Campus, Hamirpur, 177005
Place, Date and time of opening of bid	: <b>Monday 17 June 2019 at 3.00 p.m.</b> <b>(Venue: Central Block, NIT Campus, Hamirpur-5).</b>

**Note:** The Institute shall not be responsible for any postal delay about non-receipt / non delivery of the bids or due to wrong addressee.

## BIDDER'S COPY

### INSTRUCTIONS TO BIDDERS

1. This document set contains the following:
  - a) Terms and conditions Form(Form-1)
  - b) Details of the Firm offering this Quote(Form-2)
  - c) Contract Form(Form-3)
  - d) Technical Compliance form(Form-4)
  - e) Currency Form (quoted on behalf of the foreign suppliers)(Form-5)
  - f) Quotation Form(Form-6)
  - g) Checklist (Form-7)
2. The bidder's copy is for your future records.
3. The bidder should give details of their technical soundness and provide list of customers of previous supply of similar items to Universities, Institutes or Government Departments/Undertakings/public sectors with contact details. The details of the agency/profile should be furnished along with the copy of all related documents.
4. Read through the terms and conditions given and affix your signature and seal if you find them acceptable. Any deviations may be recorded. Read carefully list of specifications that we have enclosed.
5. The downloaded documents '**Technical Compliance Form**' and '**Quotation Form (Price Bid)**' should be **TYPE WRITTEN USING CAPITAL LETTERS ONLY**. At the time of filling the "**Quotation Form (Price Bid)**" make sure that you have not missed anything. Specify the model number & specification for each item. The form should be filled item-wise. Do not leave blank fields.
6. **Do not use** ambiguous terms like "**yes**", "**complied**" or "**available**". Specifically mention the matching specification of the product offered by you. Make sure that you have affixed your signature with date and seal on all the documents.
7. Please send the tenders in a sealed envelope superscribed as "**QUOTATIONS AGAINST TENDER NOTIFICATION NO: IIITU/TC-II-UPS-Modular-40KVA-2019/** so as to reach "The Director, Indian Institute of Information Technology, Una, NIT Campus, Hamirpur, 177005, India" on or before **Monday 17 June 2019 at 2.00 p.m. along with a Softcopy of the technical bid (in cover-2) and price bid (in cover-3) in MS-Word file format in a CD/DVD or USB drive.**
8. For any further clarifications, contact by E-Mail: '*purchase@iiitu.ac.in*' or by written request to
  - " The Director,
  - Indian Institute of Information Technology Una,
  - NIT Campus, Hamirpur,177005 "

**Last Date for receipt of tender at IIITU** : **Monday 17 June 2019 at 2.00 p.m.**

**Opening Date for technical bid** : **Monday 17 June 2019 at 3.00 p.m.**

## TWO BID TENDER

### **Cover 1: EMD**

(Should be super scribed as 'EMD cover' duly indicating the Tender reference No. and the due date of opening)

Earnest Money Deposit (EMD) is to be submitted by way of Demand Draft/FDR drawn on any Nationalized bank in India in favor of "The Director, IIIT, Una" payable at Hamirpur. The bids submitted without EMD will be treated as non-responsive and will be rejected. EMD shall bear no interest.

### **Cover 2: Technical Bid**

(Should be super scribed as 'Technical Bid' duly indicating the Tender reference No. and the due date of opening)

Should contain:

- a. Terms and Conditions Form (Form-1)
- b. Details of the Firm offering the quotation (Form-2)
- c. Contract Form (Form-3)
- d. Technical Compliance Form (Form-4)
- e. Technical pamphlets
- f. Detailed technical specification
- g. Duly filled up deviation schedules to technical specifications, if any
- h. Duly filled up technical questionnaire, if any
- i. Copy of supply orders completed during the last three years
- j. OEM turnover
- k. Bidder's turnover
- l. OEM authorization certificate
- m. Copy of license certificate for manufacture/supply of the item\*
- n. Income Tax PAN number & TIN number of bidder\*
- o. Last three years balance sheet approved by the CA and the Income Tax clearance certificate\*
- p. Malicious Code Certificate (as per Form-1 S.No. 52)

\* *appropriately pertaining to the country of origin.*

### **Cover 3: Price Bid**

(Should be super scribed as 'Price Bid' duly indicating the Tender reference No. and the due date of opening)

Should contain:

- a. Currency form
- b. Quotation form (Price Bid)

**Note:**

- a. If the prices are revealed in cover 1 or in cover 2, the offer will be summarily rejected.
- b. Each Cover shall be sent in a double sealed cover. The inner covers (Cover 1, Cover 2, and Cover 3) should be sealed individually with the Sellers's distinctive seal and super scribed with the tender reference no. and due date of opening. All inner covers shall be placed in a common outer cover which shall also be sealed with seller's distinctive seal and super scribed with the tender reference no. and due date of opening.
- c. Mention "The Director, Indian Institute of Information Technology, Una, NIT Campus, Hamirpur,177005" and submit at the address given in the Notice Inviting Tender.
- d. Cover 1 and 2 will be opened on the scheduled date and time mentioned in the tender enquiry.
- e. Cover 3 of the technically qualified offers alone will be opened on a date which will be intimated to the qualified bidders.

\* \* \* \* \*

**TERMS AND CONDITIONS FORM**

---

**IMPORTANT: READ THE FOLLOWING TERMS AND CONDITIONS AND  
SIGN THE ACCEPTANCE CLAUSE FOLLOWING IT**

---

1. The offers through post or hand delivery should be addressed to “**The Director, Indian Institute of Information Technology, Una (HP), NIT Campus, Hamirpur - 177005**” and should be sent in a sealed envelope superscribed “**QUOTE AGAINST Tender Notification No. IIITU/TC-II-UPS-Modular-40KVA-2019/ : Item : 40 KVA Modular UPS**” so as to reach us **on or before 2.00 p.m. on Monday 17 June 2019. Tenders / bids received after deadline will be rejected summarily.**
2. Softcopy of the filled in Tender document (provided by IIIT-Una) in MS-Word format should be provided in a CD/DVD media or USB drive and should be enclosed along with the tender cover (this will be used for preparing comparative statements. Note that scanned copy / handwritten documents / PDF files will not be accepted). However, if there is any dispute between Hard copy and Soft copy, Hard copy will be taken.
3. The quote should also accompany along with a covering letter in your company letterhead with contact information such as contact person name, postal address, email id, and mobile number with signature.
4. Each offer should be sent in a sealed cover with the tender documents. Tenders received through email or FAX will not be normally considered.
5. The tenders will be opened on **Monday 17 June 2019 at 3.00 p.m.** in the presence of the bidders present with authorization letter from the respective companies / firms. Bidders (vendors participating in the tender) intending to attend the tender opening should intimate us in advance.
6. If in any case, unscheduled holiday occurs on prescribed closing / opening date, the next working day shall be the prescribed date of closing / opening.
7. Full technical specifications such as make, model number, warranty should be specified and sent along with the tenders. **Offers without these details will be rejected.**
8. All offers should indicate the NET price (including taxes) or if required taxes and duties separately, if any. Additional charges for packing, forwarding, freight, insurance etc., if any, should be clearly mentioned.
9. The Institute is not authorized to issue C and D forms of Sales tax.
10. 100% payment will be made only after delivery at IIIT-UNA. **No advance payment will be made.** The payment will be normally made by the institute within 30 days of the receipt of the items along with invoice / bill (if the file is in order).
11. If the price quoted is in foreign currency and if the order value is more than US\$10,000 then 100% payment will be made through Letter of Credit (LC) at sight on acceptance. If the order value is less than US\$10,000, then 100% payment will be through a Telegraphic Transfer (TT). The bank charges outside India should be borne by the Supplier / Beneficiary. Part shipment is not allowed.
12. No revision of the price bid will be allowed once the price bids are opened.
13. No increase in price will be allowed.
14. Price protection: At any later date during the 3 months period if the market price is lower than the approved price, the market price will be applicable. If there is any hike in market price, the quoted price should be applicable.
15. Eligibility: Any Manufacturer / Supplier / Dealer who has been declared ineligible by World Bank / Government of India shall not be eligible to participate in this bid. Any fraudulent practices including concealing of facts at the time of submission of bid and there after shall lead to disqualification.

16. Quote should come from authorized dealer or distributor or reseller for each of the product quoted. An authorization letter from OEM should accompany your quote, otherwise it may lead to rejection.
17. The delivery period and other terms should be clearly mentioned.
18. The average turnover of the bidder for the last three years shall be Rs.9 lakhs.
19. The average annual turnover of OEM for the last three years shall be Rs.70 lakhs.
20. The experience with Government of the bidder shall be 1 year.
21. The bidder shall arrange for the certificate of supply order of the offered brand in any of the higher technical educational institute of national importance in Himachal Pradesh.
22. The bidders/vendors are informed that they should not call us over phone or contact us in person. All clarifications can be obtained through E-Mail/FAX/Post. Vendors shall not make attempts to establish unsolicited and un-authorized contact with us after the opening of the offers and prior to the notification of the award. Any attempt by any vendor to bring extraneous pressures on us shall be sufficient reason to disqualify the vendor.
23. Delay / loss in postal transit or due to other reasons will not be IIIT-UNA's responsibility.
24. Authorized signatory should sign on all the pages. Bids without authorized signatures will be rejected.
25. We are not responsible for accidental opening of the covers that are not properly superscribed and sealed before the time scheduled for opening.
26. The tender should be made only on the **"Technical compliance form (Form-4)" & "Quotation form (Price Bid)(Form-6)"** which is available along this document, otherwise it shall lead to rejection. The technical compliance form & Quotation form should be duly filled up (preferably **TYPE WRITTEN IN CAPITAL LETTERS**) and should clearly mention the make, model number & warranty by the bidder against each specification.
27. Using ambiguous terms like "Yes", "Complied", "Available", or providing irrelevant data or leaving the field blank is **NOT** acceptable, each bidder has to instead specify the matching full technical specification for each line item.
28. The bidders are not allowed to make addition or alteration in the tender document.
29. Warranty period offered for the tendered item to be specified. If the warranty period is not conforming with the schedule of requirements given in technical compliance form of the Tender document, then the default warranty period will be assumed five years.
30. The manufacturers of the quoted make of the product must be of national / international repute and having ISO / BIS certificate.
31. **Liquidated damages:** If the bidder/supplier, after accepting the Purchase Order, fails to deliver any or all of the Goods within the period specified in the Order, IIIT-UNA shall, without prejudice to other remedies under the Rules of Purchase, proceed to cancel the order or agree to accept a delayed delivery on the condition of payment of liquidated damages by the bidder / supplier a sum equivalent to 0.50% of the total cost as indicated in the Purchase Order (which will be deemed as agreed price) for each week or part thereof of delay until actual delivery or performance is completed and such penal charges shall be limited to a maximum of 5% of the total cost. Once the maximum is reached IIIT-UNA may proceed on its own to consider the termination / cancellation of the order.
32. There is no tender fee or processing fee required for participating in this tender.
33. L1 who is awarded the contract has to provide Bank Guarantee (BG) for at the rate of 5% of total order cost as security deposit as per IIIT-UNA terms & conditions. The bank guarantee will be returned to the supplier after the expiry of the warranty period.
34. Vendors are informed that once the bidders are shortlisted based on the technical specification, only then the price bids of the firms that meet IIIT-UNA's Technical specification / requirements would be compared.
35. The bidders are expected to renew their offers whenever requested. The quoted prices should be valid for three months. Orders will be placed as and when required during this period.

36. In case the quoted model is declared end-of-life (EOL), or if the OEM stops the production, or if the specification changes after the release of purchase order, then in that case the next equivalent replacement model should be supplied subject to condition that the purchase committee of IIIT-UNA accepts to this. The replacement model should have the same or higher specification, and should be in no way inferior. The same should be notified in writing to IIIT-UNA as and when the model or specification changes. The decision of the committee is final.
37. Bidders are free to quote for more than one make / model / brand if required.
38. The order will be based on the actual requirement at the time of ordering.
39. Optionally quote the Monthly salary for providing the Onsite Engineer for taking care of UPS during the warranty period (engineer should be available 9:00 am to 5:30 pm, Monday to Saturday).
40. Enough local stocking of all the spares at IIIT-UNA during the warranty period may be arranged.
41. Preventive Maintenance should be performed by the supplier or their authorized service person once every year during the first week of June during the on-site comprehensive warranty period, to lessen the likelihood of the equipment failing. Preventative maintenance should be performed while the equipment is still working, so that it does not break down unexpectedly. While performing Preventive Maintenance the service person should come with all the required tools (such as blower, etc). Preventive Maintenance includes cleaning the hardware for accumulated dust, updating the firmware etc. with the latest version.
42. The downtime should be less than 48 hours. If the downtime exceeds 48 hours at a stretch then the duration of such downtime will be added to the warranty period and the warranty shall be extended accordingly.
43. The supply should be in original OEM's packing. The packing should not be tampered. If tampered or if found duplicate, action will be taken against your firm and your firm's name will be deleted from our suppliers list.
44. The invoice / bill should have all the required details like IIIT-UNA Purchase Order (PO) number, Make, Model, Price, Serial number, Warranty, Department name and Contact Person Name.
45. "Comprehensive on-site warranty with on-site support and service for both Parts and Labour" means that your engineer should visit the site / location where the problem is reported, then troubleshoot & identify the problem and replace the faulty part. IIIT-UNA will not provide or do any troubleshooting at our end.
46. Enclose the Distributor / Reseller / Retailer certificate with the validity date. The offer should be authorised by the Manufacturer. The offers received without the certificate and authorization will be rejected.
47. IIIT-UNA reserves the right to modify or alter the specifications after short listing of tenderers.
48. IIIT-UNA reserves the right to split the orders among multiple vendors if the prices are same.
49. IIIT-UNA reserves the right to reject any or all the tenders without assigning any reasons whatsoever.
50. In case of dispute, the matter will be subject to Hamirpur/Una jurisdiction only.
51. The Purchaser reserves the right to increase or decrease the modular capacity at the time of placement of contract. Bidders are bound to accept the orders accordingly.
52. Malicious Code Certificate: The seller should attach following certificate in the bid:-
  - (a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedure to :-
    - (i) Inhibit the desires and designed function of the equipment.



- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.
- (b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

53. Bidder /OEM must provide Escalation Matrix of telephone numbers for service support.

54. Installation, Training & Demonstration:

i) Bidders need to provide adequate training (2-3 days) to the nominated persons of IIIT Una at their cost. IIIT Una will not bear any training expenditure. The supplier is required to do the installation and demonstration of the equipment within one month of arrival of materials at the IIIT Una site of installation, otherwise the penalty clause will be the same as per the supply of material.

ii) In case of any mishappening/damage to equipment and suppliers during the carriage of suppliers from the origin of equipment to the installation site, the supplier has to replace to it with new equipment/supplies immediately at his own risk. Supplier will settle his claim with the insurance company as per his convenience. IIIT Una will not be liable to any type of losses in any form.

55. Insurance: For delivery of goods at the purchaser's premises, the Insurance shall be obtained by the supplier on "All Risk" basis. The insurance shall be valid for a period of not less than 3 months after installation and commissioning. In case of order placed on FOB/FCA basis, the purchaser shall arrange insurance. If order placed on CIF/CIP basis, the insurance should be up to New Delhi.

56. Failure to comply with all the terms and conditions mentioned herein would result in the tender being summarily rejected.

\* \* \* \* \*

### **ACCEPTANCE**

We accept the above terms and conditions and shall comply with them strictly.

**NAME OF THE BIDDER:**

**POSTAL ADDRESS:**

**MOBILE:**

**EMAIL ID:**

**DATE:**

**<SEAL & SIGNATURE OF THE BIDDER>**

*< To be part of cover 2 >*

**“DETAILS OF THE FIRM OFFERING THIS QUOTE”**  
**(Write or print or type in block letters)**

- 1. Name of the firm: \_\_\_\_\_ 2. Date of incorporation: \_\_\_\_\_
- 2. Nature of the company (tick one): Government / Public / Private Company / Partnership / Proprietorship
- 3. Specify the number of years in this line of activity by the Company: .:
- 4. Turnover of the OEM in the last three years (Lakh Indian Rupees):


- 5. Turnover of the bidder in the last three years (Lakh Indian Rupees):


- 6. Provide the postal address, telephone & fax numbers, and email address of the nearest service center.
- 7. Number of service engineers in the above location trained on the product quoted along with their educational qualification, certification and designation (applicable only for instruments):
- 8. Assured response time for service calls in hours:
- 9. Delivery period from the date an official purchase order placed (in weeks):
- 10. Enclose the list of customers to whom you have supplied “.....” during the last 3 years beginning 01/05/2016 with full postal address and name of the contact person with phone, FAX numbers, and E-Mail id. Certificate regarding satisfactory performance of the “.....” from the minimum three end users should be furnished.
- 11. Are you the authorized dealer or distributor or reseller for the products quoted?
- 12. Have you supplied “.....” to any institute of repute such as NIT/IIT/IIIT etc. in the last 3 years? If yes, specify the quantity supplied in the last 3 years and last PO reference.
- 13. Was there any elapse or delay in supplying the goods ordered or any service related issue during the warranty period for the products ordered by S.No. 12 with your firm? If yes, provide details.
- 14. On Manufacturer’s Side to whom IITU have to contact in case of delay in supply and other issues committed by the authorized dealer / distributor / reseller :

Contact Person Name: Address: E-mail ID :	Telephone / Cell Phone :
---	--------------------------

Contd. ...

**DECLARATION**

I/we have not tampered/modified the tender forms in any manner. In case, if the same is found to be tampered/modified, I/we understand that my/our tender will be summarily rejected and full Earnest Money Deposit (EMD) will be forfeited and I/we am/are liable to be banned from doing business with IIT, Una and /or prosecuted.

**Signature of the Bidder** : .....

**Name and Designation** : .....

**Business Address** : .....

.....

.....

**Place :**

**Date :**

**Seal of the Bidder's Firm**

*< To be part of cover 2 >*

**CONTRACT FORM**

**Form-3**

---

**To be provided by the bidder in their business letter head**

---

.....[Name of the Supplier's Firm]  
hereby abide to deliver the .....by the delivery schedule mentioned in  
the technical compliance form of the Tender document for supply of the items if the purchase  
order is awarded.

The item will be supplied conforming to the specifications stated in the tender document  
without any defect and deviations.

Warranty will be given for the period mentioned in the tender document and service will be  
rendered to the satisfaction of IIIT, Una during this period.

**Signature of the Bidder** : .....

**Name and Designation** : .....

**Business Address** : .....

**Place :**

**Date :**

**Seal of the Bidder's Firm**

*< To be part of cover 2 >*

**SCHEDULE OF REQUIREMENTS, SPECIFICATIONS, AND ALLIED DETAILS**

**Specification for UPS**

Name of the Component to be procured: **40 KVA Modular UPS**

Specifications :

S.No.	IITU Specifications	Offered Specifications
<b>1</b>	<b>Description of Item</b>	
	40 KVA/40KW 3PH-3PH Modular UPS with 60 KVA Power Cabinet with multiple modules.	
	OEM Make 60KVA External Galvanic Isolation Transformer with 5m cable.	
	Batteries disconnecter, racks, links and DC cable up to 7 meters.	
	SMF batteries of Exide/Quanta/Amaron	
	Installation & Commissioning along with minimum onsite <b>Warranty:</b>	
	a). Minimum 3 years comprehensive warranty for UPS on site from the date of installation	
	b). Minimum 24 months replacement warranty for UPS from the date of installation.	
	c). Minimum 2 years warranty for batteries from the date of installation.	
	Technology:	
	a.) True On Line UPS with double conversion technology based on (DSP) Digital Signal Processor	
	b.) UPS should be with Intelligent Battery Management for longer battery life	
	c.) Phase Neutral reversal protection – In the event of reversal in phase sequence, the UPS should automatically adjust itself and should get synchronized with the input phase.	
	d.) UPS should have Cold Start facility.	
<b>2</b>	<b>Technical Specification</b>	
	<b>INPUT :-</b> Voltage (V) 3 P 415+N Voltage Range -15% & + 20% <b>Frequency Range 45 - 65 Hz ± 2%</b> <b>autosensing</b> Power Factor 0.99 From 20% To 100% Load THDi(%) <3% on available campus voltage quality	

	<p><b>OUTPUT :-</b>  Rated Power 40 KVA/40KW  Output Power Factor : Unity  Voltage(V) 3 P 400+N  Output waveform : Pure sine wave  Voltage regulation <math>\pm 1\%</math> (0-100% linear load)  THDv (%) Less Than 2% For Linear Load  Voltage Harmonic Distortion (Rated input voltage, rated input frequency) &lt;  2% (Linear Load) &lt; 5% (non-Linear Load)  Frequency: 50Hz on battery; synchronized with bypass  Bypass : Both automatic and manual  Galvanic Isolation : Inbuilt galvanic isolation transformer at output  Online mode efficiency of UPS-Min.95%  Eco mode efficiency of UPS-Min 98.5%</p>	
3	<p>Static and Manual Maintenance Bypass is Required  <b>Smaller modules rating will be preferred considering high redundancy.</b></p>	
4	<p><b>STANDARDS/ CONFORMANCE</b>  EMC EN / IEC62040-1,EN/ IEC62040-2,EN/IEC62040-3</p>	
5	<p><b>CONFIGURATION &amp; MANAGEMENT</b>  SNMP CARD REQUIRED with each UPS</p>	
6	<p>Protection : IP21</p>	
7	<p>Communication: RS-232/USB port for software interface  SNMP card for remote monitoring (software for monitoring should be provided free of cost)</p>	
8	<p><b>BATTERIES</b>  TYPE / Make Sealed Maintenance Free, Rechargeable, VRLA Type 12V Batteries  Preferred battery makes: Exide, Quanta, Amaron  Standard Back Up time: Please provide separate quotations for 60 minutes at full load and 30 minutes at full load  BACKUP 30 Min with Minimum. VAH Required 36000 VAH  BACKUP 60 Min with Minimum. VAH Required 62400 VAH</p>	
9	<p>Charger: Constant voltage, constant current</p>	
10	<p><b>General</b></p>	
	<p>Ambient Temperature 0°C To +40°C  Operational Relative Humidity 20-95%  Max Non-Condensing Acoustic Noise With Full Load &lt;55 dB</p>	
	<p>Emergency Power off Required.</p>	
	<p>Independent phase management is required.</p>	
	<p>Hot Swap capacity, the power and/or battery modules can be replaced without switching off the UPS.</p>	
	<p>Compatibility with gensets Configurable for synchronization between the input and output frequencies, even for the highest frequency ranges.</p>	

Rack/Cabinet for keeping battery bank should be provided by the vendor.	
All cabling from battery bank to UPS is in vendor's scope.	
Credentials and Approvals: a. Manufacturer Should be ISO 9001:2000 certified b. Manufacturer Should be ISO 14001 c. Manufacturer should have manufacturing facility in India d. Test reports from Govt. accredited labs on the same model quoted.	
LCD Display: At least load percentage, UPS internal fault, Battery charging percentage, Battery fault, Over load, etc.	
Alarm Indications: Mains On, Inverter On/Off/ Faulty indication, Battery level, Static Bypass ON, Load level, Over temperature, Audible Alarm – Mains failure, Low Battery, Over Load, Load On, Bypass On.	
Audible Noise < 55dB	
Protections desired -Surge protective device to be provided at the input of the UPS system. -Transient Voltage Surge should be suppressed within 0.5 nano seconds with RFI/EMI attenuation 40dB.	
Overall efficiency > 90% (with inbuilt galvanic isolation transformer)	
Vendor may be asked to give demo of the unit along with full load testing at IIIT Una	

**NOTE:- OEM service Centre/Service Engineer should have been located/posted preferable at Una or in Himachal Pradesh**

Quantity : **1 No.**

Delivery schedule expected after Release of purchase order (in weeks) : **within 21 days**

EMD (in Rupees) : **38000.00 (Thirty eight thousand only)**

Performance Security to be given by the successful Bidder after release of purchase order (in Rupees) : **5 % of the total order cost**

< To be part of cover 2 >

<Seal & Signature of the bidder>

**CURRENCY FORM & PRICE SCHEDULE**

**To be used by the bidder for submission of the price bid**

1. Component Name:
2. Specifications (confirming to technical compliance form of Tender document-enclose additional sheets if necessary):
3. Currency and Unit cost (excluding Taxes):
4. Quantity:
5. Item cost (Sl.No.3 \* Sl.No.4) (in Indian Rupee):
6. Taxes and other charges:
  - (i) Specify the type of taxes and duties in percentages and also in figures
  - (ii) Specify other charges in figures
7. Total cost (Inclusive of all taxes) :
8. Warranty period (confirming to the technical compliance form of Tender document. This should be mentioned in Technical bid also in order to get qualified for price bid):
9. Delivery Schedule (confirming to the technical compliance form of Tender document):
10. Name and address of the firm for placing purchase order:
  
11. Name and address of Indian authorized agent (in case of imports only):

**Signature of the Bidder** : .....

**Name and Designation** : .....

**Business Address** : .....

**Place :**

**Date :**

**Seal of the Bidder's Firm**

(Note: All column should be filled. No column should be left blank. If any column is not filled- in properly or left empty then the bid will be rejected.)

< To be part of cover 3 >



<b>QUOTATION FORM (PRICE BID)</b>
-----------------------------------

Tender No. &amp; Date:

Bidder's Offer No. &amp; Date:

S. No.	Description of item	Unit (SET /No)	QTY	Rate /Qty in Rs. (excluding of all taxes)	ED in %	VAT/ CST In %	Service Tax in %	Total Value in Rs. (inclusive of all taxes)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	<b>Supply portion</b> (The price indicated shall be exclusive of all accessories, spares etc. as given in the scope of supply)							
2	Other accessories /spares etc as given in scope of supply (Individual item-wise break-up price shall be attached as an annexure to this price bid format.)							
3	Installation & Commissioning (extra, if any)							
4	Packing & Forwarding charges (extra, if any)							
5	FOR Dispatching station value in Rs.							
6	Freight & Transit insurance charges, extra, if any							
7	Total all-inclusive price delivered, installed and commissioned at IIITU							
8	Value of Annual Maintenance Contract							
9	<b>Net cost to be paid by IIITU</b>							

**Signature & Seal of Vendor**

**Note: The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, in case the item is "Not Applicable". If this format is not used or any column is left blank, then the bid will be rejected.**

< To be part of cover 3 >

**CHECKLIST TO BE SIGNED AND SENT**

Cover No.	Documents to be signed	Completed & Signed			Page No.
		YES	NO	NA	
Cover 1	EMD				
Cover 2	Terms and Conditions Form (Form-1)				
	Details of the Firm offering the quotation (Form-2)				
	Contract Form (Form-3)				
	Technical Compliance Form (Form-4)				
	Technical Pamphlets				
	Detailed Technical Specification				
	Duly filled up deviation schedules to technical specifications, if any				
	Duly filled up technical questionnaire, if any				
	Copy of supply orders completed during the last three years				
	OEM turnover Certification				
	Bidder's turnover Certification				
	OEM authorization certificate				
	Copy of license certificate for manufacture/supply of the item				
	Income Tax PAN number & TIN number of bidder				
	Last three years balance sheet approved by the CA and the Income Tax clearance certificate of the bidder				
Malicious Code Certificate					
Cover 3	Currency form (Form-5)				
	Price Bid (Form-6)				

Note: Place ticks in appropriate column and the page number of your documents.

Date:

Sign. & Seal of Bidder

Place: