

National Institute of Plant Genome Research
Aruna Asaf Ali Marg, Near ICSSR, JNU Campus, New Delhi - 110067
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F.No.-NIPGR/7/31(A)Elect. Vol. II

तिथि 05/08/2014

NOTICE INVITING QUOTATIONS

Sealed item rate quotations are invited on behalf of the Director, NIPGR, New Delhi, from approved & eligible contractors in respect of the following work, so as to reach his office on or before 20.08.2014 up to 3.00 P.M. The quotation shall be opened on the same day at 3.30 P.M. in presence of the intending quotationers.

SCHEDULE OF QUANTITY

SUB: - Supply and installation of 5KVA online UPS with SMF Batteries and rack at HUB room at New Lab Block in NIPGR, New Delhi.

Sl. No.	Description	Qty.	UNIT	Rate (in Rs.)	Amount (in Rs.)
	As per enclosed Schedule of Quantity and Terms & Conditions				

Encl.: 1. Schedule of quantity.
2. Terms & conditions.
3. Annexure-I

Consultant Engineer

M/s _____

Seal & Signature of Contractor

SCHEDULE OF QUANTITY

SUB: - Supply and installation of 5KVA online UPS with SMF Batteries and rack at HUB room at New Lab Block in NIPGR, New Delhi.

S. No.	Item	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1.	Supply and installation of 5KVA online UPS with half an hour battery back up on full load. The detail technical specification of the UPS is given in annexure-1 Make: Numeric/GE/Eaton/ Socomec/Emerson/ APC Battery VAH should be minimum 4000 VAH Make: Exide/Rocket/Amaron-Quanta	Each	1		
Total Amount					
Amount in words: _____					

Consultant Engineer

Seal & Signature of Contractor

TERMS & CONDITIONS

SUB: - Supply and installation of 5KVA online UPS with SMF Batteries and rack at HUB room at New Lab Block in NIPGR, New Delhi.

1. The payment shall be made after supply and successfully installation of all ordered items at our site in good condition. No advance payment will be made.
2. The rates are F.O.R. destination at NIPGR Campus, New Delhi and inclusive of all incidental charges towards transportation, packaging, loading, unloading and handling charges, testing of UPS & batteries at site etc., and nothing extra will be paid on any account.
3. The rates shall be inclusive of VAT, Octroi, etc., and nothing extra will be paid. **The Institute is exempted from payment of Service Tax. The quotationer quotes the item rate excluding Service Tax.**
4. The items shall be supplied and installed at NIPGR, Aruna Asaf Ali Marg, J.N.U. Campus, New Delhi.
5. The quotation shall be submitted in prescribed format issued by the department.
6. The quotation must be accompanied with EMD of Rs. 2,050.00(Two Thousand & Fifty only). EMD shall be in the form of DD of scheduled bank drawn in favour of "Director NIPGR" New Delhi. Without EMD quotation shall not be considered. The EMD shall be retained as a performance security for the defect liability period and released after the warranty period subject to receipt of request from your side.
7. The EMD shall be enclosed in a separate envelop duly marked EMD which shall be opened first.
8. The Institute reserves the right to reject/accept any or all quotation without assigning any reason.
9. In case agency fails to supply material, the EMD of the agency shall be forfeited.
10. The quotation shall also contain all technical details and specifications of offered UPS along with technical compliance sheet, battery details (like make, AH, quantity) and warranty.
11. The UPS with equivalent or higher rating along with half an hour power backup is acceptable and nothing extra will be paid.
12. The supply and installation of UPS & batteries shall be made within 10 days after the issue of supply order. In case inverters & batteries are not supplied & installed within stipulated period compensation @ 1% per day subject to maximum of 10% of supply order amount shall be paid by the agency. The decision of the Engineer-in-charge shall be final & binding on agency.
13. Guarantee/Warrantee: The Agency shall withstand guarantee/warrantee for 24 months of the supplied UPS & batteries from the date of Invoice Bill. The agency will also submit UPS & batteries' respective warranty card.
14. The Institute also reserves the right to increase or decrease of quantity of ordered items. All interlinked cables shall also be supplied by the agency.
15. Any kind of accident / electrocution caused due to negligence or during the course of supply and installation of inverters & batteries etc. shall be responsibility of the agency and nothing extra will be paid.
16. All safety precautions shall be taken so as to avoid any accident or inconvenience to the members of staff. The agency shall coordinate the supply of materials with the Institute's timing schedule.
17. PAN & TIN issued by the respective departments must be mentioned while quoting the rates.

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Annexure I
Technical Specifications- ONLINE 5 KVA UPS

Feature	Specifications
Output Power Capacity	3500 Watts / 5000 VA
Max Configurable Power	3500 Watts / 5000 VA
Output Voltage	230VAC, Single Phase,
Output Frequency	50 Hz +-0.5%
Output Power Factor	0.90 Lag
Efficiency at Full Load	90.0%
Topology	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 3-wire (H N + G)
Bypass	Built-in Automatic static Bypass switch
Nominal Input Voltage	230VAC, Single Phase
Input Frequency	50 Hz+-10% (auto sensing)
Input Power Factor	>0.95
Input Connections	Hard Wire 3 wire (1PH+N+G)
Input voltage range for main operations	230V+-20% AC, Single Phase
Input Total Harmonic Distortion	Less than 9% for full load
Technology	IGBT based rectifier
Isolation	Inbuilt Output Isolation Transformer
Protection	Input and Output Over and Under Voltage, Output Overload, Output Short Circuit, Battery Low Trip etc. If the UPS shuts down after permissible or deep discharge, it should switch on automatically after mains power restoration
Indications	Main ON, UPS ON, Battery Low, Over Load etc.
Alarm	Alarm when on battery : low battery alarm : overload alarm
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators
Battery	12V Lead Acid Sealed Maintenance Free/VRLA batteries with all interlinked cables
Backup	30 mins. Backup on full load. Battery VAH should be minimum 4000VAH
Ambient Temperature	0 - 40 °C
Enclosure	M.S. Powder Coated for UPS and Batteries
Warranty	2 Years on UPS and Battery

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