

REGIONAL CANCER CENTRE
POST BOX NO.2417
MEDICAL COLLEGE CAMPUS, THIRUVANANTHAPURAM
PIN: 695 011.

PHONE : 2442541(PABX)
GRAMS : 2522220/2522221(ENGG)

RCC/BME/2017-18/03016
31/03/2018

LIMITED TENDER NOTICE

Sealed competitive tenders - 2 bid system are invited from the reputed suppliers for the supply and installation of 15 KVA UPS for the Plasma Sterilizer installed in CSSD of the Regional Cancer Centre, Thiruvananthapuram.

Name of Work : Supply and installation of 15 KVA UPS for the Plasma Sterilizer installed in CSSD.

Tender Fees : Rs. 300

Earnest Money Deposit (EMD) : Rs.1500.00

Last Day for the receipt of tender : 14/04/2018 at 2:00 PM

Tender documents (non-transferable) can be had from the Head of the Department, Engineering Division, Regional Cancer Centre at Thiruvananthapuram on all working days from 31/03/2018, 10.00 AM to 14/04/2018, 1.00 PM. Further details and clarifications can be had from the Head of the Department, Engineering Division of the Regional Cancer Centre, Thiruvananthapuram. Tender forms shall not be sent by post. For participating in the tender, the tenderer has to remit a tender registration fee in RCC and the slip needs to be submitted along with the tender.

Quotation Superscribing the name of work, date of submission and name and address of the tenderers shall be submitted in sealed envelope as two separate bids for technical and financial part and it shall be submitted to Engineering Division by hand addressed to 'The Director, Regional Cancer Centre, Medical College- P.O., Thiruvananthapuram-695 011, so as to reach him on or before 14/04/2018 up to 2.00 P.M.

The tender will be opened on the same day at 03.30 P.M. in the presence of the tenderer or their authorized representatives who are present.



HOD

ENGINEERING DIVISION

General Terms and Conditions:

1. Quoted rates shall be inclusive of all taxes and duties.
2. The rates shall remain valid for a period of 6 months.
3. No claim for revision of rates shall be entertained during the tenure for the rate agreed.
4. Warranty- 1 year from the date of successful installation and commissioning.
5. Successful tenderer has to execute an agreement with RCC within 7 days from the date of work.
6. Penalty time is the essence of the contract. Hence any delay in completion of work beyond the stipulated completion shall attract penalty @ 1% per week of delay subject to a maximum of 10% contract value unless regularized in time as not due to the contractor's fault or due to force majeure clauses.
7. The defect liability period shall be 12 months from the certified date of installation of the system. During this period defects in materials supplied shall be rectified or replaced at free of cost and maintenance done at the cost of the supplier.
8. Payment: After completing the supply and successful installation.

Declaration

1. -----
(Name and address of the Tenderer) hereby agree to undertake
The above work and complete the work as per specification and as
per the instructions of the Engineer in charge.

Place -----
Date -----

Signature
Name

Specifications for 15 KVA UPS

Input

Voltage Range	: 415VAC \pm 10 %, 3-phase, 4-wire
Frequency Range	: 50Hz \pm 5 %
Input Power factor	: > 0.95

Output

Rated Output	: 15 KVA
Voltage	: 415 VAC, 3phase, 4 wire (3PH+N)
Output voltage regulation	: \pm 1 % (static)
Output Frequency	: 50 Hz \pm 0.5 Hz
Wave form	: Pure Sine wave
Crest Factor	: 3:1
Duty	: Continuous
Output power factor	: 0.8
Harmonics	
i) Total harmonic distortion at 100% non-linear load	: \leq 5%
ii) Total harmonic distortion at 100% Linear load	: \leq 3%
Overload	: 105% - 125% for 1 min, 125%-150% for 30 seconds
Type of load	: Inductive, capacitive, resistive
Maintenance Bypass	: Required

Battery

Battery Backup	: 20 Minutes
Type of battery	: Sealed maintenance free batteries.
Make	: Rocket/Quanta / Exide
Battery rack and connectors	: Required
Battery charging	: temperature compensated charging

Environmental conditions

Operating temperature	: up to 40 deg C
Operating relative humidity	: 10 % to 90 % RH

Other essential features:

1. Efficiency : $\geq 90\%$
2. Switching time : < 10 ms
3. Display : LCD display
4. Display parameters : Battery voltage , Charging status, O/P Voltage, O/P Current, I/P Voltage , I/P Current, Event log etc.
- 5, Audio/Visual alarms : Overload condition, UPS on battery, low battery voltage, internal fault etc.
- 6, Protection : Rectifier o/p short circuit protection, overload protection.
7. Communication interface : RS485/ETHERNET