

QUOTATION NOTICE

NO: MIS1/2019
Date: 04-05-2019

Kerala State Civil Supplies Corporation

Sealed quotations are invited for the supply of One number of UPS & specification is attached with this.

The envelopes containing the Quotation should bear the superscription "Quotation for Supply, installation & maintenance of 3 KVA UPS " and should be addressed to manager, Management Information System, Head Office, Gandhinagar, Cochin intending tenderers may submit the Quotations on their own papers.

Last date for receipt of Quotation is - 09/05/2019 - 01.00 PM

Late quotations will not be accepted.

The quotations will be opened at Head Office on 09/05/2019, 02.30 PM in the presence of such of the tenderer or their authorized representatives who may be present at that time.

The maximum period required for delivery of the UPS is 1 week & to be installed in Muvattupuzha supplyco depot.

Details of the requirements and the conditions governing their supply can be obtained free on request from MIS Division, Head Office, Gandhinagar, Cochin till 08/05/2019.

Kadavanthara
04/05/2019

{sd/-}
Manager (MIS)

//Approved for issue//


JM (IM1)

Specification-3KVA

Phase	Single Phase
Type	Online
Minimum backup time	Minimum 3 hrs backup on full load
Battery Type	Tubular Battery
Input	
Input Voltage Range	160-270 V A (Single phase) with full load
Input Frequency Range (Hz)	50 Hz +-5%
Power factor	>0.95 (High I/P PF shall be achieved with APFC technology)
Voltage THD	<=3% on Linear Load, <= 5% for Non Linear Load
Voltage	230 V +/- 1% V
Voltage Regulation	+/- 1%
Frequency (Synchronized range)	45-55 Hz
Frequency (Battery or free running mode)	50 Hz +/- 0.1 Hz
Output Waveform	Pure sine wave
Crest Factor	03:01
Efficiency (AC-AC)	85 % and above (Overall efficiency)
Power Factor	0.8 or better
Overload capacity	100 % to 110% for 5 min, 110% to 130% for 30 seconds
Transfer Time (Mains to battery)	0 ms
Minimum VAH (Total)	9600VAH
System VDC	96 VDC or above
Charging Current	Charger provided for should be inbuilt and factory fitted with a charging current of minimum 10% of the battery AH rating
Voltage THD	<=3% for Linear Load
Bypass	Static bypass
Audible alarm	Mains failure alarm, Low battery alarm, Overload
LCD Display	Yes
Protection	Automatic discharge protection, Over load, surge protection, input fault, low battery, battery over charge protection, output short circuit,

	charging current protection, inverter over temperature
Noise level	<55 dB at 1 meter
Operating temperature	0 to 40 degrees
Certification	ISO 9001:2008 / ISO 14001:2004, BIS, RoHS
Battery	ISO/OSHAS
Battery Model	Exide/Amaron/Amararaja(12v C10 Battery)
Warranty	3 yrs for ups and battery

Note: Battery racks to be supplied