



KERALA PUBLIC SERVICE COMMISSION

No. R&AI (2)45879/08/GW.

Thiruvananthapuram
Dated: 11/2/2014

LIMITED TENDER NOTICE

Sealed tenders are invited for the supply and installation of the following item for the office use of Kerala Public Service Commission, Pattom, Thiruvananthapuram.

SCHEDULE OF ITEMS

SI No	ITEM	Quantity
1	Single Cabinet Modular UPS-30 KVA with SMF Batteries (Specifications as per attached) Warranty -3 Yrs. for UPS and 2 Yrs. For SMF Batteries	1

Superscription : -- Quotation No. **09/2014**
Last Date and Time for the receipt of Quotation -- 1.00 P.M. on **17/02/ 2014**
Date and Time for opening the quotation -- 3.00 P.M. on **17/02/ 2014**
Date up to which rates are to be firm -- 3 months from the date of quotation.

Name & Designation of Purchasing Officer -- P.C.Binoy,
Secretary, Kerala Public Service
Commission,
Pattom, Thiruvananthapuram.

TERMS AND CONDITIONS

1. Rates quoted will be inclusive of all taxes.
2. Brand Name and Period of warranty shall be clearly mentioned.
3. Assurance on promptness of service within two days.
4. Payment will be made after installation and certification by our Technical Experts.
5. In case of under performance, the item should be replaced and in such cases, the date of warranty shall recommence from the date of replacement.
6. The right to reject any Quotation in full or in part without assigning any reason thereof is reserved with the purchasing authority.

**P.C.BINOY,
SECRETARY,
KERALA PUBLIC SERVICE COMMISSION**

Note:- More details can be had from the office of Joint Secretary,
R&A Wing, KPSC.(Mob. 9447785476)

SPECIFICATION FOR BRANDED MODULAR UPS

Type	Item
UPS Toplogy	On line double conversion
UPS Architecture	Redundant - Modular, scalable based on 5 KVA power modules
Power Modules	6 x 5 KVA modules (30 KVA)
In/Out phase Configuration	Three phase - Single Phase (Three phase to Three phase compatible)
Input Voltage	400V-Three phase/230V-Single phase
Input Frequency	50 Hz - 60 Hz (Autosensing)
Input Voltage range	-20% +15%
THDI	< 3% at 100% of nominal load
Bypass Type	Static and Electromechanic
Power Factor	> 0.99 from 50% to 100% of nominal load
Output Nominal voltage in Mains/Battery	400 V three phase & 230 V single phase
Output Nominal power in Mains/Battery	30 KVA
Output Voltage variation (static) in Mains/Battery	± 1%
Output Voltage variation (dynamic 0-100%; 100-0%) in Mains/Battery	± 1%
Output frequency in Mains/Battery	50 Hz - 60 Hz (autosensing or selectable)
Battery	Lead Acid, SMF VRLA , 2 string of 20 batteries @ 100 Ah (total 40 No.s)
Backup Duration	1 - 2 hrs
Nominal UPS Battery Voltage	240 Volt DC
Battery charger type	PWM hi efficiency, one in each power module
Battery Charging Cycle	Intelligent with boost charge and advanced management
Noise level @ 1m	42 ÷ 46 dBA
Working temperature range	from 0°C to +40°C
Net weight without batteries	150 kgs or lesser
Technology rectifier/booster/inverter	MOSFET/IGBT
Communication Interface	2 serial port RS232, 1 logic level port, 4 Dry contacts port