

## Annexure I

### **The UPS tender specifications.**

Output power 6kVA/4.2kW

Output voltage-230V

Output frequency 50Hz

Output voltage regulation not more than  $\pm 2\%$

True online UPS with double conversion with input voltage range- 165-265 VAC  
Input frequency- 50Hz

Battery for DC storage- 192VDC

Battery type should support fully online 30 min back up on full load

Recharge time to 100% capacity is 12hrs or less

Should be compact and occupy minimum space in the room.  
Weight 90-95Kg

Dimension should be less than 430X740X560 mm

Should tolerate temperature from 0 to 45 °C

Operating temperature -20C to +70 °C

Relative humidity 0 to 95% RH

Inbuilt isolation transformer with generator compatibility

5/15amp multi socket and switches from UPS onto a 15 feet table with granite top. Another table already has plugs and switches, but UPS wire connection should be given. Electric wires, plugs and switches should be supplied by the vendor. Input output cables of 6mm grade or better are to be supplied from vendor side. Mains to UPS and batteries should be covered. Covered cabinet with heavy wheels and 4 fans for cooling is required. Should be able to move the battery, on wheels provided. Panel box with 32Amp MCB should be supplied by the vendor. 8 years of comprehensive warrenty for UPS and 5 years of warrenty for battery. Battery should be Rocket, Quanta or Highpower brands.

