

HCC No. 40/2022

**HIGH COURT OF KARNATAKA
BENGALURU – 1.
DATED: 29th APRIL 2025**

NOTIFICATION

Sub: Submission of sealed quotations for Supply of 1 No. of 20 KVA UPS to the High Court of Karnataka Bengaluru – reg.

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It is hereby notified that, High Court of Karnataka desires to procure 1 no. of 20 KVA UPS to the High Court of Karnataka, Bengaluru from the authorized distributors/dealers.

Therefore, all the Authorized distributors / dealers in Bengaluru, who deals with supply of UPS may submit their sealed quotations mentioning their lowest rate (Incl. of all Tax) for the above said UPS within 7 days and also the Vendor who becomes L1 should be able to supply and install UPS to the High Court of Karnataka, Bengaluru within 3 days from the date of Purchase Order.

Further, the quotation shall reach this office with superscribing on the cover as **“QUOTATION FOR SUPPLY OF 1 No. OF 20 KVA UPS”** on or before **07.05.2025**.

**Sd/-
(N.G DINESH)
REGISTRAR (COMPUTERS)**

Encl:

Specification of UPS

	TECHNICAL SPECIFICATION OF 20KVA ONLINE UPS SYSTEM	
Sl No.	DESCRIPTION	SPECIFICATION
1	Technology	Double Conversion ON-Line UPS with Built in Isolation Transformer at Input
2	Controller	Digital Signal Processor
	<u>Input</u>	
3	Nominal Voltage	415V
4	Voltage Range	300V to 470 V
5	Frequency Range	46 to 54Hz.
6	Phase	Three Phase
7	Power Factor	≥ 0.9
8	Harmonics	$\leq 10 \%$
	<u>Output</u>	
9	Voltage	220VAC/230VAC/240VAC
10	Voltage Regulation	+/- 1%
11	Frequency (Synchronized Range)	46 – 54 +/- 0.1%
12	Frequency (Battery Mode)	50Hz. +/- 0.1%
13	Output Wave Form	Pure Sine wave
14	Harmonic Distortion (THD)	<2% Linear Load
		< 3% Non – Linear Load
15	Efficiency (AC-AC)	$\geq 91\%$
16	Power Factor	0.8 lag to unity
17	Crest Factor	03:01
18	Battery Type	6EL Exide/Amarraja Tubular
19	DC Bus Voltage	≥ 192 VDC
20	Back Up time	60 Minutes on full load
21	recommended Battery VAH	≥ 19200 VAH
22	No.of Batteries	≥ 16 NOS
23	Battery make	Exide /Amararaja
24	Transfer Time	0 ms
	<u>General</u>	
25	Operating Temperature	0 to 45 degree C
26	Noise Level	≤ 65 Db
27	Indications	Main ON/ Inverter ON/ Faulty/ Battery Level / Static Bypass ON/ Load Level
28	Display	LCD for voltage, current and frequency
29	Audible Alarm	Mains failure, Low battery, Over load

30	Protection	Advanced electronic protection for device safety backed with MCB's / MCCB's Fast acting fuses
31	Bypass	Static Bypass
32	Paralleling of UPS	Upto 3 times above 5 Kva
33	Software Interphase	RS232/RS485 & (SNMP)
34	Dimension	Sleek & Very Low Foot Print
35	EPR certificate	OEM should have certificate for e waste management as per notification from Central Pollution Control Board (CPCB) under MoEFCC, Government of India
36	Quality Certifications	ISO 9001:2000 ,ISO 14001,ISO 18001 &ISO 50001
37	Products compliance standard	Safety EN62040-1,EMC EN62040-2,Directives 73/23-93/68-89/336 EEC EN62040-3