



(06646) 233157/232634,  
Fax: (06646) 232696  
Email: [sdccbgh@gmail.com](mailto:sdccbgh@gmail.com)  
www.sambalpurdccb.com

**SAMBALPUR DISTRICT CO-OPERATIVE CENTRAL BANK**  
**HEAD OFFICE: BARGARH-768028**

Lett. No. 6947 /CB/Comp. Cell/2022-23 Date: 24/02/23.

**QUOTATION CALL NOTICE**

Sealed quotations are invited from OEMs/authorized dealers for supply and installation of 5 KVA(1+1) & 20 KVA(1+1) hot standby configuration Online UPS with Batteries under buy back of old UPS & Batteries. The detailed specifications given below.

<b>Specification of UPS for 5KVA</b>		
<b>Item Descriptions</b>		<b>Compliance (Yes/No)</b>
<b>Rating in KVA(KVA)</b>	05 KVA(1+1) Hot standby UPS With Common Battery Bank Must be confirming to IEC 62040-3;	
<b>Technology</b>	IGBT-PWM with inbuilt isolation transformer	
<b>Input</b>		
i)Topology ii)Voltage Range iii)Frequency Range iv)Thdi	Double Conversion ,IGBT Three level PWM Design.Single Phase 160 V - 260V 50/60Hz±10% <3% on load	
<b>Output</b>		
i)Inverter Components ii)Voltage Range iii)Frequency iv)Power Factor	IGBT Single Phase 230V +/-1% with alternative user settable setting of 230V +/-1% 50/60Hz±0.1% 0.8 Or Better	
<b>Backup time (Minutes)</b>	120	
<b>Battery Bank</b>	Battery Bank: 12V/65AH SMF ×16 Nos.	
<b>Warranty for UPS (Years)</b>	2	
<b>Movable trolley for Batteries</b>	Without trolley but with rack	
<b>Warranty for battery</b>	2	
<b>Cabling 5 meters for input and out put</b>	With	
<b>Installation and Commissioning</b>	Yes	
<b>Type of Battery</b>	SMF-VRLA conforming toJISC:8702(Pt.I,II&III)	



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Maximum overshoot and Under shoot of output rated voltage	4	
Voltage Regulation from no load to full load(%)	< / = 3%	
Overall Efficiency (%)	>/=90% or Better	
Total Harmonic Distortion(THD)	Maximum 3%	
Protection for under voltage at battery terminal at 10.5V per 12 V battery	Yes	
Protection of Over voltage, Short Circuit & over load at UPS output terminal	Yes	
Digital Metering in UPS for AC Input Voltage, Output AC Voltage, Current, Frequency, Battery, Voltage and Current	Yes	
Indicators for mains presence, Battery charging and discharging, Output Over Load, Low Battery Voltage	Yes	
Overload Rating:	125% for 10 m and 150% for 60 second	
Battery charging	Adjustable charging cycle to extend battery operating life	
Display & control	To notice the health status of the UPS system, there must be an instant visible communication system (for example multicolor LED system), so that in the event of failure or diagnosis of the UPS, the user will promptly acknowledge it	
Operating temperature	0-40°C	
Relative humidity	<95% not condensing	
Noise at 1 m (dBA)	< 60	
Reference product standards	EN/IEC62040-1, EN/IEC 62040-2, EN/IEC 62040-3, CE, IEC 27001:2013, ISO-9001:2015, ISO-14001-2015, ISO 45001:2018 & BIS The Bidder Shall submit the above Certificate at the time of submitting Quotation.	
Certification	The Bidder Shall Submit Type Test Certificate of UPS similar or higher rating issued from Central Govt. Laboratory of UPS Testing viz. ETDC(STQC)/ERTL/CPRI at the time of submitting Quotation.	
Protection	Protection for under voltage at battery terminal, Protection of Overvoltage, Short Circuit & over load at UPS output terminal, Over temperature protection	
Other Constructional Features	Mains ON/OFF MCB, Battery ON/OFF MCB, Manual Bypass	



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<b>Specification of UPS for 20KVA</b>		
<b>Item Descriptions</b>		<b>Compliance (Yes/No)</b>
<b>Rating in KVA(KVA)</b>	20 KVA(1+1) Hot standby UPS With Common Battery Bank Must be confirming to IEC 62040-3;	
<b>Technology</b>	IGBT-PWM with inbuilt isolation transformer	
<b>Input</b>		
i)Topology ii)Voltage Range iii)Frequency Range iv)Thdi	Double Conversion ,IGBT Three level PWM Design.Three Phase 300 V – 450 V 50/60Hz±10% <3% on load	
<b>Output</b>		
i)Inverter Components ii)Voltage Range  iii)Frequency iv)Power Factor	IGBT Single Phase 230V +/-1% with alternative user settable setting of 230V +/-1% 50/60Hz±0.1% 0.8 Or Better	
<b>Backup time (Minutes)</b>	120	
<b>Battery Bank</b>	Battery Bank: 12V/100AH×24 Nos.	
<b>Warranty for UPS (Years)</b>	2	
<b>Movable trolley for Batteries</b>	Without trolley but with rack	
<b>Warranty for battery</b>	2	
<b>Cabling 5 meters for input and out put</b>	With	
<b>Installation and Commissioning</b>	Yes	
<b>Type of Battery</b>	SMF-VRLA conforming to JISC:8702(Pt.I,II&III)	



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Maximum overshoot and Under shoot of output rated voltage	4	
Voltage Regulation from no load to full load(%)	< / = 3%	
Overall Efficiency (%)	>/=90% or Better	
Total Harmonic Distortion(THD)	Maximum 3%	
Protection for under voltage at battery terminal at 10.5V per 12 V battery	Yes	
Protection of Over voltage, Short Circuit & over load at UPS output terminal	Yes	
Digital Metering in UPS for AC Input Voltage, Output AC Voltage, Current, Frequency, Battery, Voltage and Current	Yes	
Indicators for mains presence, Battery charging and discharging, Output Over Load, Low Battery Voltage	Yes	
Overload Rating:	125% for 10 m and 150% for 60 second	
Battery charging	Adjustable charging cycle to extend battery operating life	
Display & control	To notice the health status of the UPS system, there must be an instant visible communication system (for example multicolor LED system), so that in the event of failure or diagnosis of the UPS, the user will promptly acknowledge it	
Operating temperature	0-40°C	
Relative humidity	<95% not condensing	
Noise at 1 m (dBA)	< 60	
Reference product standards	EN/IEC62040-1, EN/IEC 62040-2, EN/IEC 62040-3, CE, IEC 27001:2013, ISO-9001:2015, ISO-14001-2015, ISO 45001:2018 & BIS The Bidder Shall submit the above Certificate at the time of submitting Quotation.	
Certification	The Bidder Shall Submit Type Test Certificate of UPS similar or higher rating issued from Central Govt. Laboratory of UPS Testing viz. ETDC(STQC)/ERTL/CPRI at the time of submitting Quotation.	
Protection	Protection for under voltage at battery terminal, Protection of Overvoltage, Short Circuit & over load at UPS output terminal, Over temperature protection	
Other Constructional Features	Mains ON/OFF MCB, Battery ON/OFF MCB, Manual Bypass	



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The quotation should be enclosed with experience certificate for successful installation and supply of UPS in similar fields from Govt and reputed private parties. The quotation should be reach the undersigned through speed post/registered post with AD only, by 2.00PM on 09.03.2023 and will be opened on the same day at 4.00PM in the presence of quotationers shall be entertained and the bank will not be held responsible for postal delays, if any. The quotationers should submit the following documents along with the period bid.

1. Valid OEM License copy/letter of authorised distributors.
2. Copy of PAN
3. Copy of GSTIN
4. Complete address of quotationer (communication and permanent )with mobile number.
5. Experience certificate of successful installation (preferably from Government and Banking sector)
6. The warranty and AMC clause for the UPS
7. All type test certificate of UPS
8. Delivery and installation works should be completed within 1 weeks from the date of receipt of supply order.
9. EMD:- EMD of Rs.30000/- (Rupees Thirty thousand) Only for bidding of ALL ITEMS in shape of Bank Draft Drawn in favor of the S.D.C.C Bank Bargarh payable at Bargarh be deposited along with the quotation which is refundable without interest. EMD is not exempted to any firm at any circumstances even if they are registered under NSIC/OSIC/GM/ DIC etc. due to security and time bound nature of the work. EMD of unsuccessful bidders will be refunded immediately after finalization of tender and the EMD of successful bidder will be refunded after one year without interest thereof.

Delivery, freight and all other similar charges shall be borne by the contractor and no separate payment shall be made on these accounts.

The quotationers may visit the site before quoting the rates and may consult with Computer Cell, SDCCB in case of an query. The rate should be inclusive of all taxes, installation, transportation and other charges, if any. The payment will be made to the party only after successful installation, commissioning and testing of the UPS and on receipt of signed copy of installation certificate from the respective Branches. There are separate quotations must have to produce by the parties pertaining to the capacity of the UPS and batteries. The quotation should be addressed to Sudhir Kumar Bhoi, A.G.M. (O&A) SAMBALPUR DISTRICT CO-OPERATIVE CENTRAL BANK HEAD OFFICE BARGARH -76802 and rate should be quoted both in figure and words.

The authority reserves the right to reject any or all the quotations without assigning any reason thereof and also not bound to accept the lowest quotation.

  
Chief Executive Officer 24/02/23

Memo No. 6948(2)

Date 24/02/23

Copy to AGM, (O&A) and In-Charge of Computer Cell H.O for information and necessary action. They are directed to remain present in the office-Chamber of AGM (O & A) HO Bargarh on 09<sup>th</sup> March-2023 at 4.00PM. for finalization of the quotation.

  
Chief Executive Officer 24/02/23

Copy to H.O. Notice Board/copy to Bank websites