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Kerala Co-operative Milk Marketing Federation Ltd.

Milma Bhavan, Pattom Palace P.O., Thiruvananthapuram - 695004

No.187/PC:HOB:PUR/2020

20 November 2020

ENQUIRY FOR PURCHASE OF UPS

Sir,

Sub: Purchase of UPS for KCMMF HO.

The Kerala Co-operative Milk Marketing Federation Ltd., invite your detailed offer quoting lowest price and shortest delivery period for the supply of UPS mentioned in the annexure for our Head Office. The offer will be subject to the following terms and conditions: -

The offer should be sent in a sealed cover super scribed "Quotation No.187/PC:HO:PROJ:UPS/2020 - Supply of 1 No. online UPS" addressed to:

The Managing Director,
KCMMF Ltd. Milma Bhavan
Pattom P.O., Trivandrum - 695004

The quotation should reach us latest by 09th December 2020 14.00 hrs and open on the same day at 15.00 hrs

All prices must be quoted on F.O.R at our Head office, including packing, forwarding, freight, transit risk insurance, commissioning and all other costs for safe delivery at our office. Taxes/Duties should be quoted separately. (Percentage of taxes/duties applicable and your GST No should be clearly indicated in the quotation).

Your quotation should be valid for 30 days from the date of opening of the quotation.

Full details of the item offered including make, model, technical details/leaflets, specifications and other details, if any, should enclosed with your offer.

You will guarantee to repair/replace without any extra cost of the item or part thereof, if found defective due to bad designing, workmanship or substandard material within 36 months from the date of commissioning of the system. The entire expenditure towards replacement/ repair in this regard shall be borne by you.

Payment Terms:

95% payment will be released on commissioning of the complete system and 5% after the guarantee period. However the final 5% will be released on submission of a Bank Guarantee for an equal value valid for the guarantee period.

General

Your quotation must also include the **Comprehensive Annual Maintenance Charges** for one year after the guarantee period. This rate is applicable for minimum two years after the guarantee period. This will be considered as a part of the quotation and appropriate weightage will be given to the maintenance charges. Quotations without the maintenance charges are liable to be rejected.

Supplier shall be responsible for installation rack and batteries connection of all batteries with UPS testing and commissioning at site.

- **Guarantee of Battery and UPS shall be mentioned separately in the offer.**
- **Rate shall be quoted separately for UPS and Battery.**

Any items found defective during the guarantee period shall be repaired/replaced free of cost.

Kerala Co-operative Milk Marketing Federation does not bind itself to accept the lowest offer and reserve the right to accept any offer/offers in part or full without assigning any reason. You will not have any claim in this regard.

Yours faithfully,



Manager (Projects)
For MANAGING DIRECTOR

Copy to : Accounts Officer



ANNEXURE

SI No	Description of the item	Make	Quantity
1	7.5 KVA ON-Line Double conversion 1GBT pure sine wave DSP controlled Floor mounted type UPS suitable for single phase Input voltage:170 to 270 V, Frequency: 50+/-1.5Hz input PF 0.98 or better/out put PF 0.9 or better.	APC/ HYKO N/ SUPRA	1 No.
TECHNICAL SPECIFICATION OF THE UPS			
	Capacity	7.5KVA	
	Nominal input voltage	230	
	Operational voltage range	170-270	
	Operation frequency	50 + - 0.5 Hz	
	Power factor input	0.98 or better	
	Rectifier	1GBT	
	Output inverter		
	Output voltage	230 +/--1%	
	Frequency range	50 + / -0.5 Hz.	
	Crest factor	3:1	
	Total harmonic distortion	<5% (Linear load)	
	Power factory output	PF 0.9 or better	
	Efficiency	90 to 95%	
	Display	Display for input voltage, output voltage, output load%, DC voltage, input/output frequency.	
	Indications	Mains on, inverter on, battery low, over load, trip	
	Alarm	Audio warning for battery low, output overload & short circuit	
	Environment		
	Temperature	5°C - 55°C	
	Operational humidity	Up to 85% RH (Non condensing)	
	Communication	RS 232, SNMP (Optional)	
	Protection	RF Filter at output, MCB at EB input, snubber circuit across all semiconductors, Glass cartridge Fuse on control Circuits	
	UPS certification	ISO 9001, ISO 14001, ROHS and CE certified UPS only	
	Cooling	Forced air cooling	
2	14400AH/12 Volt SFM Batteries with connecting links (12 V cells of suitable AH capacity for 120 minutes backup time on n full load condition of UPS).	EXIDE	Require d no
3	Suitable size seismically stable, durable ,rust proof, high strength rack for mounting battery	Any reputed make	1no