



No.E2/810/2020

Dated : 18/03/2020

TENDER NOTICE

Sealed tenders are invited from competent firms for the supply of 5 KVA Online UPS and 2.5 KVA inverter for Regional Agricultural Research Station, Kumarakom, Kottayam with specifications as given in annexure. The tenders will be accepted upto **11.00 a.m.** on 27/03/2020. The tenders received after the stipulated time will not be considered under any circumstances. The tenders will be opened on 27/03/2020 at **3.00 p.m.** More information regarding the tender can be obtained from the Associate Director, Regional Agricultural Station, Kumarakom during office hours. The details, tender form, format of agreements, etc can be downloaded from the KAU website www.kau.edu/tenders. Buy back scheme for the old USP to be considered.

Cost of tender forms

Particulars	Original (Rs.)	Duplicate (Rs.)
Supplies costing Rs. 50,000/- or less	<u>Rs.300+GST 12%</u>	<u>Rs.150+GST 12%</u>
Supplies costing above Rs.50,000 and upto Rs.10 lakhs	0.2% of the quoted amount rounded to the nearest multiple of 100, subject to a minimum of Rs. 400 and maximum of <u>Rs. 1500+GST 12%</u>	50% of the cost of the original, upper rounded to the nearest multiple of <u>Rs.100+GST 12%</u>
Supplies costing more than Rs.10 lakhs	0.15% of the cost of the item rounded to the nearest multiple of 100, subject to a maximum of <u>Rs.25000+GST 12%</u>	50% of the cost of the original, upper rounded to the nearest multiple of <u>Rs.100+GST 12%</u>

Last date of receipt of tender ----- 27/03/2020 11.00 a.m
Date & time of opening of tender ----- 27/03/2020 3.00 p.m

Terms and conditions

1. Tender should be submitted in the prescribed forms which can be downloaded from the website www.kau.edu/tenders. The cost of the tender forms will not be refunded under any circumstances.
2. The sealed cover containing the tender should be superscribed "Tender for the supply of 5 KVA Online UPS and 2.5 KVA inverter" (along with the notification number) and addressed to the Associate Director, Regional Agricultural Research Station, Kumarakom, Kottayam dist., kerala PIN 686566
3. Each tender should be accompanied by tender fee and an Earnest Money Deposit (EMD) @ 1% of the total rupee equivalent cost of the quoted items (subject to minimum of Rs. 500/-) by way of two crossed Demand Drafts separately for tender fee and EMD drawn in favour of The Associate Director, Regional

Agricultural Research Station, Kumarakom, Kottayam dist., Kerala, PIN 686566 payable at the State Bank of India, Kumarakom (Branch Code 70116). Late and incomplete tenders and tenders without EMD, tender fee and agreement will not be accepted. Firms who are exempted from payment of EMD should furnish copy of the currently valid certificate from the store Purchase Department, Govt. of Kerala.

4. The tender should be accompanied by an agreement in Kerala Stamp Paper worth Rs.100/- (Rupees one hundred only) and format can be downloaded from the above website.
5. The successful tender should execute an agreement in Kerala Stamp Paper worth Rs.100/- (Rupees one hundred only) and furnish a security deposit of 5% of the cost of the items quoted in the form of term deposit/ bank guarantee/demand draft drawn in favour of **Associate Director, Regional Agricultural Research Station, Kumarakom, Kottayam dist., Kerala PIN 686566**, payable at the State Bank of India, Kumarakom (Branch Code 70116), when directed from this office. The format for the agreement can be downloaded from the above website.
6. The cost of the item, tax and other charges should be separately stated.
7. The exact specifications, details of make, model, name of manufacturer, warranty details etc., of the item must be clearly specified.
8. Prices quoted should be valid upto one year.
9. If any Bandh /strike/ any unexpected holidays occurs on the date of opening of tender, the tender will be opened at the same time on the next working day. The decision of the undersigned in finalizing the tenders shall be final and binding.
10. Withdrawal of tenders after its acceptance or failure to supply the equipment or not according to the specification will entail cancellation of the tender.
The supply order will be issued on the acceptance of the tender and the invoice should be addressed to **Associate Director, Regional Agricultural Research Station, Kumarakom, Kottayam dist., Kerala, PIN 686566**. The payment will be effected only after satisfactory supply of the items.
11. The successful tenderer should supply the items to RARS, Kumarakom within 15 days from the date of the receipt of the supply order. The Associate Director, Regional Agricultural Research Station, Kumarakom, reserves the right to remove the defaulted name from the list of suppliers permanently or for a specific period.
12. The Associate Director, Regional Agricultural Research Station, Kumarakom has the right to accept or reject any or all of the offers without assigning any reason.
13. All the rules and regulation applicable to Government Tenders will be applicable to this tender also.


ASSOCIATE DIRECTOR

To

Notice Board, Firms / Office/www.kau.in/announce@kau.in
Copy to : Sri.Vishnu B, Associate Professor

1. No	Name of the item : 5 KVA online UPS
1. A	<p><u>Specifications</u></p> <p>Certification: Should have BIS Certification (Attach copy of certificates), RoHS, ISO or other certifications preferable</p> <p>Power input : Single Phase input, input power factor -0.99</p> <p>Power output: 5KVA/4000W, Single Phase output, output short circuit protection, Output voltage regulation</p> <p>Wave form : Pure sine Wave</p> <p>Technology : Online double Conversion, High Frequency, IGBT, DSP, Dual microprocessor-controlled</p> <p>Isolation Transformer : Inbuilt Isolation Transformer</p> <p>Display : LED/LCD display Mains/UPS on-off, Input/output volt, Ampere, Battery Low, Over Load, Trip</p> <p>Bypass : Inbuilt Auto Bypass Facility</p> <p>UPS efficiency : more than 90%</p> <p>Alarms : Battery low Pre-alarm, Trip, Battery over temperature alarm, Common Alarm</p> <p>Warranty : to be specified (1year or more)</p>
1. B	<p>Batteries : Inverter/UPS Tubular Batteries of sufficient number as required by the supplied online UPS system</p> <p>Battery capacity : 180-200 ampere hour</p> <p>Battery certification : Should have CPRI Certification (Attach copy of Certificates)</p> <p>Battery stand : To be provided</p> <p>Warranty : To be specified (3years or more)</p>
<p>The vender should have:</p> <ul style="list-style-type: none"> • a minimum of 10 years experience in manufacturing and servicing of online UPSs and batteries • a local service centre within a radius of 20 km from RARS, Kumarakom (Attach proof of the same) 	
	Name of the item : 2.5 KVA inverter
2 A	<p><u>Specifications</u></p> <p>Certification: Should have BIS Certification (Attach copy of certificates), RoHS, ISO or other certifications preferable</p> <p>Power input : Single Phase Input, Input power factor – 0.99</p> <p>Power Output : 2.5 KVA/2000 W Pure Sine Wave</p> <p>Inverter efficiency : > 85 %</p> <p>Technology : DSP controlled inverter</p> <p>Isolation Transformer : Inbuilt Isolation Transformer</p> <p>Display : LED/LCD display Mains/UPS on-off, Input/output volt, Ampere, Battery Low, Over laod, Trip</p> <p>Alarms : Battery low Pre-alarm, Trip, Battery over Temperature alarm, Common Alarm</p> <p>Warranty : to be specified (2 years of more)</p>
2 B	Batteries : Inverter/UPS Tubular Batteries of sufficient number as required by the supplied inverter system

Battery capacity	: 180-200 ampere hour
Battery certification	: Should have CPRI certification (Attach copy of certificates)
Battery stand	: to be provided
Warranty	: to be specified (3 years or more)

The vender should have

- a minimum of 10 years experience in manufacturing and servicing of inverters and batteries
- a local service centre within a radius of 20 km from RARS, Kumarakom (Attach proof of the same