



KERALA UNIVERSITY OF FISHERIES & OCEAN STUDIES
കേരള ഫിഷറീസ്-സമുദ്രപഠന സർവ്വകലാശാല

PANANGAD P.O., KOCHI 682 506, KERALA, INDIA

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No GA 7/6380/2020

Dated: /06/2021

TENDER NOTICE

Competitive Tenders are invited for the “Supply and Installation of 10KVA UPS for the Department of Aquatic Animal Health Management (AAHM), KUFOS, Panangad” with requirements/ specifications as attached herewith:

Last date & time for receipt of Tender	24.06.2021	03.00pm
Date & time of opening of tender	24.06.2021	03.30pm

The envelope containing the Tender should bear the superscription “Supply and Installation of 10KVA UPS for the Department of Aquatic Animal Health Management (AAHM), KUFOS, Panangad: GA 7/6380/2020” and should be sent to the Registrar, Kerala University of Fisheries and Ocean Studies, Panangad, Kochi - 682 506, Ernakulam District.

Intending firms/individuals can submit their tenders in the tender form downloaded from the official site of KUFOS with detailed specification. The tender cost @ 0.2% of the quoted amount (subject to a minimum of Rs.400+12% GST) and EMD @ 1% of the quoted amount (subject to a minimum of Rs.1500/-) shall be transferred by means of E- payment to the SB account No.67149674791 with State Bank of India, Vyttila branch (IFS Code: SBIN0070517), favouring 'the Finance Officer, KUFOS', and documents in proof of the money transfer shall be attached along with the offer.

More details will be available in the Office of Dr. Devika Pillai, HoD, Dept. of AAHM on all working days with the permission of undersigned. As per DSIR registration, necessary exemption can be availed for customs & excise duties for the purchase. The University is eligible for relaxation in GST as per Notification No.45/2017 Central Tax (Rate) dated 14.11.17. Our GST Regn. No. is: 32AAAGK0031Q1ZL.

The rate quoted should be firm and inclusive of all taxes. Period of firmness during which the rates would be firm is 60 days from the date of work orders.

All the terms and conditions applicable to University/Government quotation/Tenders are admissible to this also. Right to accept the Tender in full or in part or to reject without assigning any reason whatsoever is reserved with the undersigned.

JOINT REGISTRAR

To,

Firms

Copy to: Dean, Fisheries/ Dr. Devika Pillai, HoD, Dept. of AAHM



Specification: - 10KVA UPS

- Power (kVA) : 10 kVA
- Power (k Watt) : 8 k Watt
- INPUT-RECTIFIER
 - Input Voltage: 380/400/415 VAC ; 3 Phase, N
 - Input Voltage Range: $\pm 15\%$
 - Input Frequency: 50/60 Hz
 - Input Frequency Range: $\pm 10\%$
 - Input Power Factor: $>0,85$
- OUTOUT-INVERTER & BY PASS
 - Output power factor : 0,8
 - Output Voltage : 380/400/415 VAC; 3Phase, N
 - Output Voltage Regulation : $\pm 1\%$ (Static); $\pm 5\%$ (Dynamic)
 - Output Frequency : 50 Hz/60Hz (Selectable)
 - Frequency Stability : $\pm 0,1\%$ (Operation by battery); $\pm 1\%$ (main synchron)
 - Voltage Wave : Sinusodial
 - Total Harmonic Distortioin : $<3\%$ (lineer load); $<5\%$ (non-lineer load)
 - Total efficiency : $>90\%$
- Battery Unit
 - 30
 - Charge Voltage : 405 VDC
 - Deep Discharge Voltage : 300 VDC
- LCD Display
 - Input Voltage, Output Voltage, Battery Voltage, Battery Current, Output Frequency, battery Charge Level, UPS Power, Load Percent, Synchron Case, Communication Systems fault info.
- LED Display
 - Load on Bypass, Load on UPS, Alarms and operation by Battery leds.
- Protection
 - Over load capacity : 100%-125% load 10minutes; 125%-150% load 1 minute; $>150\%$ load on the bypass
 - Short Circuit
 - Inverter mod: UPS is shutdown itself
 - Bypass mod: AC protection fuse is blow
 - Over Heat
 - If main normale : UPS is cross to by - pass mode
 - If main Voltage is not normale : UPS is cut output, Alarm on the LCD Display.
- ALARMS
 - Visual and Auditory :Bypass alarm, mains fault, load on bypass, overload, main failure, output voltage high/low, over temperature, battery voltage high/low, short circuit, fault inverter, battery test
- Cooling
 - Fan, Dimension W&H&D (mm) : 490*1200*680