

**ANAND AGRICULTURAL UNIVERSITY**  
**VETERINARY COLLEGE,ANAND**  
**SHORT TENDER NOTICE FOR SCIENTIFIC**  
**INSTRUMENTS(VETERINARY)**

The Veterinary College, AAU, Anand has invited tenders for the purchase of **(1) MULTIPARA MONITOR(VETERINARY)**

The Tenders with detailed specifications will be available from office of the Principal/Dean (Medicine Department), Veterinary College, Anand-388 001 on payment of Non-refundable Tender fee of **Rs.1000/-** payable in Cash/ DD / Banker's Cheque in name of "AAU Fund A/c." Last date for the receipt of tender is **26-3-2015**. Tender forms and details are also available on website [www.aau.in](http://www.aau.in) For Tender downloaded from website, tender fee of **Rs.1000/-** (in form of DD in favour "AAU Fund A/c.") should accompany filled tender. Tenders should be submitted by **RPAD OR SPEED POST ONLY**

**Place: Anand**  
**Date:**

**PRINCIPAL**  
**VETERINARYCOLLEGE, AAU, ANAND**

# FOR OFFICE USE

TENDER NO..... SIGN.....Dt.....

ANAND AGRILCULTURAL UNIVERSITY,  
VETERINARY COLLEGE,ANAND

## TENDER FORM

**(1) MULTI PARA MONITOR (VET)**

LAST DATE RECEIPT OF TENDER  
**(DT.26-3-2015)**  
(BY SPEEDPOST / RPAD ONLY)

PHONE (0)02692-261486

**(PTO...2)**

## **Terms & Conditions**

- Tender forms and details are also available on website [www.aau.in](http://www.aau.in) For Tender downloaded from website, tender fee (Non-refundable) of Rs.1000/- (in form of DD in favour "AAU Fund A/c.") should accompany filled tender. Tenders should be submitted by RPAD OR SPEED POST ONLY on or before **26/3/15.**
- Manufactures must submit certificate of registration as manufacturer along with quotation.
- Authorized dealer/distributor of a company has to submit a copy of their dealership/distributorship certificate validated by the company for the Current year along with company's pricelist. In case of a chain of dealership (Area dealer sub dealer-local dealer), all the relevant, authorization certificates up to the end supplier has to be submitted along with their business registration details.
- VAT has to be clearly mentioned along with the price-list. As the VAT is item specific "VAT as applicable" shall not be considered. Should provide specific year for warranty.
- The supply must be within delivery period mentioned in the order otherwise the consignment will be rejected. He manufacturers shall have to stick to their quality standards while supplying the goods. Goods supplied shall be rejected if found of inferior quality.
- On scrutiny of tender documents any query raised by the committee has to be replied satisfactorily with all documentary proofs within 7 days.
- Financial consequences arising because of printing error in the price-list (price, units, catalogue, No, etc) has to be borne by the suppliers.
- The EMD will be forfeited if the supply of goods/material is not within stipulated time and of inferior quality as per the order.
- The sealed tenders super scribed with "**Tender for MULTIPARA MONITGOR(VETERINARY)**" should reach to the office of the **Dean & Principal, (MEDICINE DEPARTMENT), Veterinary College, Anand Agricultural University, Anand (Gujarat State)** by **RPAD / Speed Post** on or before **26/3/15.**
- All rights are reserved with the University Authority to accept or reject any or all the tenders received without assigning any reasons thereof.
- The EMD (Earnest Money Deposit) will be Rs.5000/- (separately). Quotation without EMD will not be considered.**
- Installation of the machine will have to be made immediately of supply.
- For all legal purpose court jurisdiction will be Anand, Gujarat.
- For any dispute, ombudsman will be the Vice- chancellor, AAU, Anand

Anand

DEAN/PRINCIPAL

## (1) MULTIPARA MONITOR (VET)

Sr.No.	Description	Price in Rs.
1	-AS BELOW-	

### SPECIFICATIONS:

For monitoring vital signs in veterinary patients including: ECG, SpO<sub>2</sub>, NIBP, respiration, temperature and EtCO<sub>2</sub>.

GENERAL	Monitor Performance Specifications – for Veterinary
Display, Resolution	7" wide color TFT LCD, 800 x 480 pixels
Dimension, Weight	238 (w) x 250 (h) x 163 (d) mm. approx. 3.1 kg
Trace	4 waveforms: 2 ECG, SpO <sub>2</sub> , RR, or EtCO <sub>2</sub>
	Sweep speed: 6.25, 12.5, 25, 50 mm/sec
Indicators	Categorized alarms (3 priority levels)
	Heart beat tone
	SpO <sub>2</sub> pulse pitch tone
	Battery status
	External power LED
Interfaces	DC input connector: 18 VDC, 2.5A
	Defib Sync Output
	- Signal Level: 0 to 5 V pulse
	- Pulse Width: 100 +/- 10ms
	LAN digital output for transferring data
	Nurse call system connection
	DC output: 5VDC, 1A Max
Battery	Rechargeable Li-ion battery
	1.5 hours of continuous operation
Thermal Printer	Speeds: 25, 50 mm/sec, Paper width: 58 mm
Data Storage	128-hour trends
	20 cases of 10 sec alarm waveform
Language	English

Accessories	
Standard Accessories	3- lead ECG cable - 1 ea.
	ECG extension cable - 1 ea.
	NIBP extension tube, 3m long - 1 ea.
	NIBP vet cuff neonate disposable #1-#5 - 1 set
	NIBP vet cuff infant reusable - 1 ea.
	SpO <sub>2</sub> extension cable (2m) - 1 ea.
	Esophageal probe
	Transflectance SpO <sub>2</sub> probe
	Temperature (rectal/esophageal) probe
	Reusable multisite SpO <sub>2</sub> probe - 1 ea.
	B-Link automated record keeping software
	DC adapter, 18 VDC, 2.5A - 1 set
PERFORMANCE	
ECG	
Lead Type	3-lead, 5-lead
Lead Selection	3-lead: I, II, III
	5-lead: I, II, III, aVR, aVL, aVF, V
ECG waveforms	3-lead: 1 channel
	5-lead: 1 channel
Heart Rate Range	30 - 300 beats per minute
Heart Rate Accuracy	+/- 1bpm or +/- 1%, whichever is greater
Sweep Speed	6.25, 12.5, 25, 50 mm/sec
Filter	Diagnosis : 0.05 - 150HZ
	Monitoring: 0.5 - 40Hz
	Moderate: 0.5 - 25Hz
	Maximum: 5 - 25 Hz
S-T segment detection range	-2.0 to 2.0 mV
Arrhythmia Analysis	Asystole, VTACH, V-fib
Pacemaker Detection Mode	Indicator on waveform display, user selectable

Protection	Against selectrosurgical interference and defibrillation
Respiration	
Method	Thoracic impedance
Channel Selection	RA-LA or RA-LL
Measurement Range	5 - 120 breaths per minute
Accuracy	+/- 1 breath per min
Apnea Alarm	Yes
SpO <sub>2</sub>	
Saturation Range	0% to 100%
Saturation Accuracy	70 to 100% +/- 2 digits
	0 to 69% unspecified
Pulse Rate Range	30 to 254 bpm
Pulse Rate Accuracy	+/- 2 bpm
NIBP	
Method	Oscillometric
Operation Mode	Manual/Automatic/Continuous
Pressure Range	0 - 300 mmHg
Accuracy	+/-3 mmHg
Measurement Range	Systolic: 40 - 265 mmHg MAP: 27 - 222 mmHg Diastolic: 20 - 200 mmHg
Pulse Rate Range	25 - 300 BPM
Temperature	
Measurement Range	0 to 50° C (32° F to 122° F)
Accuracy	+/- 1°C
Compatibility	YS1 Series 400 temperature probes
Mainstream CO <sub>2</sub> (option)	
Measurement Range	0 to 150 mmHg, 0 to 19%

Accuracy	0 - 40 mmHg +/- 2 mmHg,
	41 - 70 mmHg +/- 5% of reading,
	71 - 100 mmHg +/- 8% of reading,
	101 - 150 mmHg +/- 10% of reading
Respiration Rate	0 to 150 breath per minute
Respiration Accuracy	+/- 1 breath per minute
Sidestream CO <sub>2</sub> (option)	
Measurement Range	0 to 150 mmHg, 0 to 19%
Accuracy	0 - 40 mmHg +/- 2 mmHg,
	41 - 70 mmHg +/- 5% of reading,
	71 - 100 mmHg +/- 8% of reading
	101 - 150 mmHg +/- 10% of reading
Respiration Rate	2 to 150 breath per minute
Respiration Accuracy	+/- breath per minute

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SIGN.& SEAL OF COMPANY