

Central Store Purchase Section, NDUAT, Kumarganj, Faizabad

Short term tender Notice No. 9/10-11

University invites sealed offers/tender from manufactures/sole distributors /authorized dealer for the equipments (i) Computer assisted Semen Analyzer (CASA) (ii) Programme cell freezer system/Biological freezer for Bovine semen (iii) Cold handling cabinet (B) flowcytometer for animal reproduction diagnosis and application specially in bovines and (C) Meat Slicer, Meat mincer, Meat sausage stuffer and Bowl chopper for the year 2010-11. The tender document can be obtained on payment of Rs. 1000/- on cash payment in this office. Last date of purchase of tender form is 05-02-11 and for submission is 10-02-2011. Documents in this office will be accepted if sent either through registered post/courier only with E.M.D. as mentioned in tender documents otherwise offer will be rejected.



Comptroller

Central Store & Purchase Section

General Terms and Conditions of Tender Notice No.9/2010-11

Cost of Tender Form Rs. 1000/-

- 1. The tenderer is required to deposit the earnest money Rs. 10,000/- in form of FDR/ Draft in favour of Comptroller, NDUAT, Kumarganj, Faizabad. *and also a separate DD with Rs. 10000/- may be enclosed as a cost of tender.*
2. Manufacturers/ sole distributor/ ~~wholesale~~ dealers are only needed to quote for these items.
3. The cost of tender form is not refundable.
4. The last date for sale of tender is ~~05-02~~ 02-2011 and the last date of accepting the tender is 09.02.2011 and will be opened on next day or on any other working day as fixed by chairman C.P.C.
5. The delivery of items as per tender specification/ make approved shall only be accepted at NDUAT, Kumarganj, Faizabad and on bill basis.
6. The firm must be income tax and C.S.T./ VAT registered. Copies of certificate of registration are invariably required, after sales- service facilities should be indicated in tender if applicable, clients list and ISO certification, ISI/DGS & D/DI registration if any should be enclosed.
7. The tender must be submitted to Store Purchase Section of NDUAT, Kumarganj, Faizabad through Regd./Courier Post Only, University will not have any responsibility for loss of tender on account of postal delay.
8. Excise duty or other taxes and any charges applicable at the time of supply must be indicated in the tender, otherwise shall not be paid later on.
9. Part delivery of supply are not accepted for payment.
10. Validity of rate of tender should be upto 31.03.2011.
11. The university reserves the right to reject one or all tender and also reserves the right to place order for all in full quantity or part thereof or not at all.
12. In case of any dispute the verdict/ decision of the Hon'ble Vice Chancellor of the university shall be final and binding upon both the parties. All legal disputes shall be subject to Faizabad Court Jurisdiction only.
13. Tender be submitted in sealed envelope mentioning there on the reference of tender notice and item.
14. Security/earnest money may be forfeited when the firm does not supply the item(s) within time or as per required specification. Previous deposited security/ earnest money can not be adjusted.
15. In token of acceptance of above terms & conditions, Kindly return this sheet duly signed and sealed.
16. The terms of conditions given by the supplier will not be binding on us.
17. Quality assurance certificate will be required from tendered.
18. The payment process will be initiated after satisfactory installation of the equipment / instrument etc.
19. I have read all terms & conditions of the tender as given above very carefully and shall abide by same.


Signature of Comptroller
(Head, Store & Purchase)
Central Store

Signature of Tenderer


17/02/11

Annexure A

Specification For Computer Assisted Semen Analyser

- Computer Assisted Semen Analyser for measuring Concentration, Motility, Viability with Auto Morph module.
- The CASA should consist of PC with sufficient memory for use with multi species semen production and research.
- CASA should measure standard sperm motion parameters, other analysis parameters, calculate dilutions and number of doses etc.
- The supply to include high quality microscope (Zeiss/ Olympus etc) with suitable fluorescence module for viability.
- It must consist of phase contrast objective PH10, PH40, Achromatic Objective 100x, negative phase contrast objective 20x.
- Automatic scanning stage with heating installed, separate warming plate, display and control of heated stage and warming plate temperatures.
- Automatic movement of stage by software and also with the use of joystick having accuracy of $\pm 5 \mu\text{m}$.
- The system must work with normal glass slide, teja and Makler chamber.
- High speed B&W camera for fast analysis (2 sec/analysis) and colour camera for viability analysis must be included.
- Viability analysis must count both viable and non viable cells simultaneously in one frame without the need of UV excitation.
- Advance auto morph module for morphology.
- Optimization of user definition by allowing manual input of parameters. User defined inputs with possibility to add automated inputs. Gross morphology of head tail and droplets.



Annexure A

Flow cytometer for sorting X-Y Spermatozoa in Bovines

- Flow cytometer having sorting speed more than 50000 sperm / sec
- Purity and recovery rate more than 99% *
- Software specially mend for cattle/buffalo

Subit

Specification for Instruments/Equipments

1- Meat Slicer

- Blade : 300mm dia/12 inches
- Motor : Watt 200-1hp 0,30
- Cut thickness : 15 mm
- Run carriage : 275 mm
- Hopper : 280 x 270mm

2- Meat Mincer

- Safety micro switch on the lever
- 24 volt controls and NVR device
- power : 735 watt, 1 Hp
- Output : 10kg/25 minutes
- Standard plate : 4.5 mm

3- Sausage stuffer

- Capacity : 8 litres

4- Bowl Chopper

- Volume : 13 litres
- Bowl speed : 12/24rpm
- Knife shaft speed : 1400/2800 rpm
- No of Knives : 3
- Motor power : 28 KW fixing 16A inert
- Voltage : 400 volt, 50Hz three phase

P. S. Prasad
(P. S. Prasad)
P. 2-2-11-11-11-11

Annexure B

Biofreezer

Compact, computer-controlled freezing system

- Independent RISC microcontroller
- Data detection and subsequent processing carried out by an integrated PC
- 12" touchscreen color LCD monitor
- Color inkjet printer

Technical features

- Freezing chamber: 297 x 317 x 378 mm (l x w x h), 36 litres, stainless steel
- Temperature range: +40° C to -180° C
- Freezing rates: 0.01 - 60° C/min
- Heating rates: 0.01 - 15° C/min
- Capacity: 3,450 0.25 ml straws or 2,300 0.5 ml straws or more
- 1000 W heating element
- variable start temperature
- outer dimensions: 630 x 510 x 550 mm (l x w x h)
- Power supply: 115 V/ 11 A or 230 V/ 5.5 A

Annexure C

Cold Handling Cabinet

Spacious cold handling cabinet made of stainless steel for semen processing at working temperature +4-5°C. Timer for automatic defrosting cycle. Cover made of acrylic glass. Installed on heavy duty rolls

working area (mm - W x H x D) 2,000 x 500/340 x 780 or more

outside dimensions 2,160 x 1,270 x 1,020

Technical features

- Optionally with hydraulic height adjustment for MRS
- Height of refrigerated area: 500 mm (340 mm below acrylic cover in the front)
- digital temperature controller
- 4 electric connectors in the working area
- 50 mm openings on each side for cables
- power supply: 230 V/ 50 Hz or 115 V/ 60 Hz
- power consumption: approx. 450 W

Subit