

TENDER FOR SUPPLY OF LAB INSTRUMENTS

Ref. No.: MAKAUT-WB/2020-21/PHARMA/004/LAB_INSTRU

Dated: 07-08-2020

Maulana Abul Kalam Azad University of Technology, West Bengal (MAKAUT, WB) invites quotations for supplying various lab instruments to the Dept. of Pharmaceutical Science & Technology at the Haringhata Campus of the University.

Please follow the Part-A, Part-B, Part-C and Part-D of this tender for further details.

Part-A: General Information

- 1) Name of the Vendor:
- 2) The firm is running business from / for:
- 3) Address:
- 4) Official Contact Number(s):
- 5) Official E-mail address:
- 6) Contact Person detail [Name, Designation, Contact No. & E-mail address]:
- 7) Whether has *Valid* Trade License for Financial Year 2020-2021? **Yes / No**
- 8) PAN:
- 9) GSTIN:
- 10) P. Tax Registration Number:
- 11) Tender Fee (Rs.500/-) deposit detail:
 - a) Bank transaction reference no. and date:
 - b) Bank A/c No., Bank Name & Branch from where the amount was debited:
12. Any other necessary information that the vendor would like to mention:
 - a)
 - b)
 - c)
 - d)
 - e)
 - :
 - :
 - :

Part-B: BoQ for items to be supplied to MAKAUT, WB

Sl. No.	Item	Qty.	Base Rate (Rs.)	Base Value (Rs.)	GST % on Base Value	GST on Base Value (Rs.)	Total Value (Rs.)	
1	Microscope	5						
2	Haemocytometer with micropipettes	2						
3	Sahli's haemocytometer	2						
4	Hutchinson's spirometer	1						
5	Spygmomanometer	3						
6	Stethoscope	3						
7	Mercury thermometers	10						
8	Myographic lever	1						
9	Stimulator	1						
10	Centrifuge Angle Head 16x15ml	1						
11	Sherrington Kymograph Machine	5						
12	Sherrington drum	5						
13	Perspex bath assembly	5						
14	Aerators	5						
15	Actophotometer	1						
16	Rotarod	1						
17	Pole climbing apparatus	1						
18a	Analgesiometer Eddy's hot p-late	1						
18b	Analgesiometer Radiant heat methods	1						
19	Metabolic cage	1						
20	Dissection Tray and Boards	2						
21a	Simple lever	2						
21b	Starling Heart lever	2						
21c	Frontal Writing Lever	2						
22	Hypodermic Syringes							
22a		15	2					
22b		24	2					
22c		26G	2					
23	Rotary Microtome	1						
TOTAL (including all)								

Part-C: Specifications of the items

1. “WEXWOX” SENIOR LABORATORY AND MEDICAL MICROSCOPE

(Wide Field Model):

A Superior and most advanced microscope for the use in research and pathological Laboratories and clinical centers.

WESWOX optics & KEOWA 100x oil imm.

TECHNICAL SPECIFICATIONS:

Monocular body with horse shoe shaped base hinged type, versatile designed inclinable through 90° Aluminium Die-Cast parts.

Mechanical tube length 160 ± 1 mm.

Quadruple revolving nosepiece with positive centering and click stop.

Coarse motion through rack and pinion. Very precise and accurate graduated fine motion reading to .002 mm.

Fixed square stage 120mm x120mm fitted with detachable graduated mechanical stage for X and Y movement upto 40mm to 75mm.

Two lens Abbe condenser NA 1.25 with iris diaphragm and swing out filter holder with blue filter, moveable through rack and pinion.

A standard plano-concave mirror 50mm dia. in fork, replaceable by a substage microscope lamp. Safety stopper, prevents damage to slide and objectives.

Black stoving finish and hard instrumental chromium finish.

Complete with optics, these microscopes are packed in shockproof Styrofoam molded box having provision for placing eyepieces, objectives and dust cover.

OPTICAL COMBINATIONS:

Eyepieces: HKW 10x (Wide Field) & H-15x.

Achromatic Objectives: antifungus, anti-reflection coated, color coded parafoval objectives

10x, 40x(SL) & 100x Oil Imm.(SL)

Magnification Range: 100x - 1000x

Model

HL-4

a) WESWOX Optics

Warranty 2 Years

2. “INCO” Haemocytometer (Neubauer's) with micropipettes

3. “INCO” Sahli haemocytometer

4. “SECOR” Hutchinson’s spirometer

5. Sphygmomanomete

6. Stethoscope

7. Mercury thermometer

8. “INCO” Myograph lever, with afterload screw, & fixing nuts tofit any `INCO' Myograph with writing arm from s.s. Capillary. Cat No- MF-119

9. “INCO” STUDENT STIMULATOR TRANSISTORISED; Output 25V. DC in two steps, duration .5 or 1.5 ms., frequency .5 to 100 c/s in II steps. Modes, single, repetitive or an external trigger, for 230V. 50 Hz.Cat No-EM-102

10. “REMI” REVOLUTIONARY GENERAL PURPOSE LABORATORY CENTRIFUGE with speed regulator, safety lid lock, digital speed meter & timer, but without rotor heads and accessories Cat No R-8C Max RPM-5250; Complete with 16 x 15 ml Angle HeadCat No- R-83

11. **“INCO” ELECTRICAL E-8 SHERRINGTON KYMOGRAPH**; oillapped brass gear system; speeds from 0.12mm/sec. to 640mm/sec. in 8 steps. Jerk free running, instantaneous startand stop clutch; stainless steel spindle with screw lift. 15x15cm. cylinder with pilot lamp, plug & cord. Cat No-MB-132
12. **“INCO” Digital Kymograph**. Microprocessor Controlled. 10 speed variations. Speed range 0.12 to 640 mm. per sec. Soft touch controls; Back lit LCD Display Cat No- MB-130
13. **“INCO STUDENT ORGAN BATH WITH THERMOSTATIC CONTROL** Perspex bath, resting on sturdy frame, heatercontrolled through a capillary thermostat, , organ tube,oxygen tubes & stainless steel frontal lever with theirholders Complete with plug & cord.Cat No-MM-202
14. **“INCO” Miniature Aerator for Organ baths** for 230V. 50 Hz. 2 speed control, fitted with air flow control valve and tubing. Heavy duty superior quality
15. **ACTIVITY CAGE (ACTOPHOTOMETER)**
“INCO” Acto Photometer with digital read out for evaluation of spontaneous activity in small animals. The Cage is provided with top cover & a sliding tray at the bottom to clean the excrete of the animals. 4 Digit Electronic Activity counter start reset and stop functions 12 (6 Pairs) photoelectric activity sensors. 4 digit seconds timer; 30cmX30cm animal cage; Cat No-PP-154
16. **“INCO” Digital Rota Rod apparatus** incorporating electronic stepless variable speeds from 3 RPM to 25 RPM of a common serrated 50 mm. shaft. Non Transparent (black) perspex compartments walls with independent electronic digital timers and contactless photoelectric time recording operation supplied with interchangeable 25mm. dia. Rod for Mice and 50 mm. dia rod for Rat – 3 compartments
17. **“INCO” Cook's Pole Climbing response app.**-The experimental chamber has a grid floor and a sliding door with a clear perspex front.-An electric buzzer and chamber light-A solid state stimulator with builtin timer provides electrical shocks of 440 v. 0.2 ma at a frequency of 5per second.-The duration of stimulus may be controlledmanually also.- Output available for recording on a polygraph orkymograph with working manual.PP-153
18. **Analgesiometer**
 - a) **INCO Eddy's Hot Plate (Heated Plate Analgesiometer)**
Specifications:
Consists of a clear acrylic chamber the floor of which approx.30x30 cm. is heated to the desired temperature between ambient to 80 deg. C(through solid state temperature controller and indicating Galvanometer. The test terminals are inserted from the top of the chamber
 - b) **“INCO” Tail Flick Unit Research Analgesiometer- Radient Heat Type**
Incorporates Digital PID Temperature controller, Digitalcurrent or Ampere controller, special variable safety device toautomatically cut heating off at preset 10 to 60 Secs. Intervalto prevent tissue damage. Quick heating for rapid repetitionof experiment. with photoelectric tail flick sensor and digitaltimer. Flick of tail cuts heat off and holds displayed time tillreset. Supplied with rat holder
19. **“INCO” Metabolic Cage for Rat and Guinea Pig.Cat No- PP 184A**
20. **“SECOR” Dissection Tray and Boards**
21. **Lever**
 - a) **“INCO” Simple lever**, without after-load screw. Writing armfrom s.s.capillary.Cat No-MF-101
 - b) **“INCO” Starling Heart lever**, to fit 9 mm. Rods.MF-121
 - c) **“INCO” Frontal Writing Lever**, from stainless steel capillary light sturdy MF-141

22. “SECOR” Hypodermic syringes and needles

- a) Size15,
- b) Size 24
- c) Size 26G

23. “WESWOX” SENIOR ROTARY MICROTOME (SPENCER 820 TYPE). LATEST MODEL

Most suitable for disposable blade attachment

Model No. – MT-1090A

SPECIAL FEATURES :

Surface grinding on base, horizontal, vertical and inclined slide for smooth and accurate motion. Ratchet wheel, CAM and CAM weight are made of GUN METAL. Axle and catcher made from special steel made on Imported machine.

TECHNICAL SPECIFICATIONS:

Feed adjustment - 1-50 microns (in steps of 1 micron each)

Opening of object Clamp 37x27 mm (Ball and Flange type)

Total feed excursion 28mm

Overall Size 16"x10"x9" and approx. weight 27Kg. in cardboard box or 60Kg in wooden case.

STANDARD ACCESSORIES:

RAZOR 120MM WITH BACK & HANDLE IN CASE ONE

OBJECT HOLDERS DIA 22,25,28 MM THREE

DUST COVER, INSTRUCTION MANUAL & OIL CANE ONE

Fitted with disposable blade holder & disposable blades high profile pkt of 50 nos.

Part-D: General Terms & Conditions

- 1) The bidder should be a registered firm under prevailing rules having an office in West Bengal, preferably in Nadia, North 24 Parganas or Kolkata and will provide essential registration numbers like PAN, GSTIN, Profession Tax, etc.
- 2) All the bid documents should be sent to: purchase.makaut@gmail.com
- 3) Last date of submission of bids: 16th August, 2020 (through e-mail only).
- 4) Any firm already having any legal dispute with the University need not to submit the bid.
- 5) The bid documents should contain the following items in the respective sequence:
 - a) Duly filled formats as mentioned in **Part-A** and **Part-B** of this tender.
 - b) Valid Trade License (for the financial year 2020-2021) of the firm. *In case the latest Trade License (2020-2021) not yet available to the firm, trade license for 2019-2020 may be enclosed along with a copy of application for renewal / fees payment receipt for the financial year 2020-2021.*
 - c) PAN Card copy
 - d) GSTIN Copy
 - e) P. Tax Registration Copy
 - f) Any other document, the bidder feels necessary to furnish.
- 6) Apart from the above list mentioned above, the University may ask the bidder for any other document(s) / information, if feels necessary. The bidder has to furnish the document(s) / information immediately failing which his bids will be rejected.
- 7) All the documents should be authenticated with official stamp and signature / signatures thereon by the bidder.
- 8) Submission of false document(s) / information by the bidder will result into cancellation of bid and the University may take strict action against that bidder.
- 9) Any document sent in .jpeg / .jpg / .doc / .docx / .xls / .xlsx format will not be accepted.
- 10) Incomplete / Partial bidding will not be allowed.
- 11) **Tender Fee (Non-Refundable) detail:**
 - a) Tender Fee Amount : Rs.500/- (Rupees Five Hundred only)
 - b) Bank & Branch : Indian Bank, Salt Lake Branch
 - c) Bank Account No. : 6360279330
 - d) Bank Account Name : MAKAUT, WB
 - e) IFS Code : IDIB000S147
 - f) Mode of deposit : NEFT / Net Banking / UPI (through various payment gateways)

The bidder must mention the transaction details in Part-A of this tender. Bid without tender fee and/or without relevant deposit details will not be considered.
- 12) The University reserves the right to accept or reject any bid without showing any reason.
- 13) Any dispute which may arise between the bidder and the University regarding this bidding shall be referred to the Vice Chancellor of the University whose decision shall be final and irrevocable in this regard.
- 14) Being the lowest bidder (L1) in term of quoted amount (incl. all) may not be the only condition to receive the order, other criteria like having PAN, GSTIN, location of office, etc. may also be considered during selection of the eligible bidder. Decision of the University in such case will be the final.

- 15) In case the selected bidder is unable to supply the items after being selected to supply the items or after receiving the respective order from the University, the bidder should immediately inform the University Authority about the same by e-mail. Decision of the University in such case will be the final.
- 16) Items should be as per the specifications mentioned in **Part-C** of this tender.
- 17) Warranty on the items should be available as per the OEM policy. Post sales service should be ensured by the bidder / manufacturer as and when required by the University.
- 18) Delivery of the items to the destination is solely the bidder's responsibility and no extra charge will be paid by the University for the same. Any damage of any item during transit will be the responsibility of the bidder.
- 19) Govt. levies will be as per existing Government Rules. The University will provide DSIR Certificate against which all permissible tax relief has to be ensured.
- 20) If any vendor is registered under GST Composite Scheme, the same is to be mentioned in Part-A (Item No.9).
- 21) Payment will be subject to successful delivery and installation (if required) of the required items and necessary approval by the Approval Authority of the University. No additional charge will be paid by the University towards installation charges.
- 22) Apart from submitting the hard copies, a copy of the order, challan and bill / invoice should be mailed to: finance@makautwb.ac.in.
- 23) The bidder should submit GST-compliant bill / invoice for GST bill / invoice. Copy of the order received by the vendor always should be attached to the challan and bill / invoice.
- 24) PAN, GSTIN and Bank details of the bidder are to be mentioned in the bill / invoice.
- 25) Statutory deductions (if any) during payment process will be made as per existing Government Rules.
- 26) The payment will be made only in favour of the bidder's name. Any exception in this regard will subject to the consideration of the University Authority only.
- 27) For any query related to the bid submission, the bidder may contact the University by e-mailing to purchase.makaut@gmail.com.

Sd/-
Registrar
MAKAUT, WB