

GUSHKARA MAHAVIDYALAYA

P.O. GUSHKARA, DIST. PURBA BARDHAMAN, PIN 713128, W.B.
Phone: (03452) 255 105, Email: guskaramahavidyalaya@gmail.com

Tender Reference No.: GM/RUSA/P/NIT-23/2019

E-tenders are invited from reputed Manufacturer/Authorized Dealers/Suppliers for purchase of Laboratory Equipments for the Dept. of Zoology. Rate should be quoted in the prescribed format (standardized BOQ format).

All the relevant documents, **Specification (Annexure-“A”)** etc. should be downloaded by the interested bidders from the website: <https://wbtenders.gov.in>. Any addendum/corrigendum/Extension of validity period will be notified at the aforesaid e-Tendering portal: <https://wbtenders.gov.in>. Bidders are requested to go through the following very carefully before submission of bids. When a tendering firm submits their tender in response to this N.I.T., they will be deemed to have understood fully the contents, the requirements, terms& conditions of this tender.

A. Laboratory Equipments for the Dept. of Zoology:

✓ **Login by bidder:** A bidder desirous of taking part in an e-tender invited by a State Government shall login to the e-Procurement portal of the Government of West Bengal using their login ID and password using valid DSC.

B. Eligibility of Bidder:

✓ The bidder must be a Manufacturer or authorized representative of manufacturer. Certificates/Authorization must be submitted online in support of the claim.

C. Validity of Bid & Warranty: - The tendered rate shall be valid till 1 year from the date of acceptance. The equipments must be covered under On-site Warranty for 1 year.

D. Documents: - Bidders shall submit their Valid Trade License, GST Registration Certificates, PAN No. and P. Tax, Bank Account No., Credentials in support of supplying Lab. equipments from any Govt./Govt. Aided undertaking valued at not less than Rs. 2 lakhs.

E. Others: -

- i. **The bid price must be final price inclusive of Supply of and Installation in the College.**
- ii. The prospective bidder shall have to execute the work in such a manner so that appropriate service level of the work is maintained during the contract period. If any deficiency / damage is found during the period as mentioned above, the Bidder shall be held responsible. The bidder may quote his rate considering the above aspect. The intending Bidders shall clearly understand that whatever may be the outcome of the present invitation of Bids, no cost of Bidding shall be reimbursable by the College.
- iii. The College authority does neither bind itself to accept the lowest rates of any tender nor to assign any reason thereto for non-acceptance of the tender.
- iv. The college authority has the full right to check/verify the original copy of documents submitted by the bidder at any point during the e-tendering process.

It is obligatory for the bidder that to maintain delivery schedule for supply of the ordered item and its accessories. In case of delay successful bidder will be held responsible & action will be taken as per condition of tender as laid down herein without prejudice. Any sort of plea for Part Performance / No Performance / Defective Performance against work order, will not be considered and this will include incidents occurring due to acts of God.

F. Payment:

✓ Tax Invoice and the Challan against the work/supply is/are to be sent in DUPLICATE and should invariably be submitted along with supplies.

✓ Payment shall be made after executing the order satisfactorily in all respects. However, no interest shall be paid to the firm if the payment is delayed due to whatever reasons. In no circumstances, delivery schedule should be affected & or linked with the payment of outstanding bills. The payment of bills shall be withheld, in case of violation of any tender terms & conditions.

Date & Time Schedule

Sl.No.	Particulars	Date	Time
1.	NIT publication date	01.06.2019	16:00 p.m.
2.	Bidding starts	01.06.2019	16:00 p.m.
3.	Bidding closing	15.06.2019	18:00 p.m.
4.	Bid opening date	18.06.2019	16:30 p.m.

Bid Opening Location: Gushkara Mahavidyalaya, P.O. Gushkara, Dist. Purba Bardhaman, PIN 713128, W.B.

Sd/- Dr. S.K.Pan
Principal
Gushkara Mahavidyalaya

Instructions to Bidders

General guidance for E-Tendering:

The following are the instructions / guidelines for electronic submission of the tenders for assisting the Manufacturer/Authorized Dealers/Suppliers to participate in E-Tendering:

- I. **Registration:** Any Manufacturer/Authorized Dealers/Suppliers willing to take part in the process of E-Tendering will have to be enrolled & registered with the Government e-procurement system, through logging on to <https://wbtenders.gov.in>.
- II. **Digital Signature Certificated (DSC):** Each Manufacturer/Authorized Dealer/Supplier is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders for the approval service of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the website stated in Clause-I above. DSC is given as a USB e-Token.
- III. The Manufacturer/Authorized Dealers/Suppliers can search and download the NIT and Tender Document(s) electronically from computer once he logs on to the website mentioned in Clause-I using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.
- IV. **Submission of Tenders:** Tenders are to be submitted online to the website stated in Clause-I in two folders, one in Technical Proposal & the other is Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC). Virus scanned and digitally signed copies of the documents are to be uploaded. The documents will get encrypted (transformed into non-readable formats).
- V. **Technical Proposal:** The Technical Proposal should contain scanned copies of the following cover (folder):

a) **Statutory Cover** Containing the following documents –

i. NIT (Online)

b) **Non-Statutory Cover** Containing the following documents –

Sl.No.	Category	Sub-Category	Details
1.	Certificates	Certificates	<ul style="list-style-type: none"> • Manufacturer/Authorized Dealer • GST Registration • PAN • P.Tax (Challan) • IT receipt • Credentials of supplying previously the same to the Govt./Govt. Aided undertaking
2.	Company Details	Company details	<ul style="list-style-type: none"> • Trade License
3.	Catalogue	Brochure	<ul style="list-style-type: none"> • Brochure of the manufacturer for each quoted item with specifications

VI. Financial Proposal:

- a) **BOQ:** The Financial Proposal should contain Bill of Quantities (BOQ) in one cover (folder). The contractor is to quote the rate online through computer in the space marked for quoting rate in the BOQ after downloading the prescribed format from the website.

Opening & Evaluation of Tender:

- I. **Opening of Bid Proposal: Nodal Officer and Procurement Officers** will open the bids of the Tender in presence of the **members of Purchase & Tender Sub-Committee**.
- II. **Intending tenderers may remain present if they so desire.**
- III. Cover (folder) for Statutory Documents will be opened first and if found in order, cover (folder) for Non-Statutory Documents will be opened. If there is any deficiency in the Statutory Documents the tender will summarily be rejected.
- IV. Decrypted (transformed into readable formats) documents of the Non-Statutory cover will be downloaded and handed over to the Purchase & Tender Sub-Committee.
- V. Summary list of technically qualified tenderers will be uploaded online.
- VI. Pursuant to scrutiny and decision of the Purchase & Tender Sub-Committee the Summary List of eligible tenderers and the serial number of work for which their proposal will be considered will be uploaded in the web portals.
- VII. During evaluation the committee may summon the tenderers and seek clarification / information or additional documents or original hard copy of any of the documents already submitted and if these are not produced within the stipulated time frame, their proposals will be liable for rejection.

Sd/- Dr. S.K.Pan
Principal
Gushkara Mahavidyalaya

Please see Annexure A for details.

Annexure – “A”

Department of Zoology

List of Equipments

Sl. No.	Items	Description with Specification	Qty.
1	Sedgewick Rafter	Counting Cell, Cell volume is 1.0 mL , Slide is 1" x 3", Cell size is 1.96"W x 0.787"H x 0.04"D Width (cm) 2.54, Length (cm) 7.62	10
2	Multi-parameter water quality meter	Flexibility for the measurement of a variety of combinations for dissolved oxygen, conductivity, specific conductance, salinity, resistivity, total dissolved solids (TDS), pH, ORP, and temperature. (With free installation) 3-year instrument warranty 2-year cable warranty Rubber, over-molded IP-67 waterproof case (even without the battery cover) Rugged cables, sensors, and military-spec connectors 5,000 data set memory 6-point pH cal with auto-buffer recognition Multiple user-replaceable sensor options and a choice of DO sensors Multiple parameter options and cable lengths	1
3	Microtome machine	1-50 microns (in steps of 1 micron each). Opening of object clamp: 37x27 mm. Total feed excursion 28mm. Overall dimensions:16''x10''x9'' Weight 30 kg(approx). Accessories: objective holder 3(assorted), one knife 120mm with back and handle, honing stone oil can for lubrication. Finishing touch: power coated in study wooden box. (With free installation)	1
4	Haemocytometer set with RBC and WBC diluting fluid	Usage: all types of cells and microorganisms (originally designed for blood cells) Depth : 0,1 mm Grid size: Grid of 3x3 mm. Subdivided in (3x3) 9 big squares. Each big squares in subdivided in (4x4) 16 medium size squares. The central square is specially designed for counting small particles. It is divided in (20x20) 400 small size squares of 50 microns RBC diluting fluid (Hayem's) and WBC diluting fluid (500ml)	10

5	Sphygmomanometer with Stethoscope	<p>Confidently track blood pressure levels with an accuracy of +/-3 mmHg. The calibrated adult aneroid sphygmomanometer measures systolic blood pressure ranging from 0-300 mmHg.</p> <p>Convenient self measurements</p> <p>Easy to read dial. Aluminum alloy manometer is stick and crack resistant.</p> <p>Latex-free flexible cuff</p> <p>3 years guarantee</p>	2
6	Paper chromatography apparatus full Kit	<p>Kit Includes:</p> <p>Rectangular TLC developing tanks(jar) with set, complete L × H × W 7.5 cm × 15.5 cm × 8.0 cm)</p> <p>Alfalfa Powder - 10 g x 2 Bottles</p> <p>Red Extract - 25 ml x 2 Bottles</p> <p>Chromatography Sheets (Whatman no.1 filter paper) - 50pcs</p> <p>Chromatographic Solvent - 250 ml x 6</p> <p>Isopropyl Alcohol, 70% - 250 ml x 2</p> <p>Butanol 500ml x2</p> <p>Ninhydrin 250ml x 6</p> <p>Acetone 500ml x2</p>	4
7	Haemoglobinometer (Sahli's hemoglobinometer)	The set comprises counting chamber, round/square hb tube (German), 20 µl h. B. Pipette (German), rubber tube with mouth piece, cleaning brush, glass dropper with rubber teat, glass rod, amber bottle with white tamper stopper and screw cap.	10
8	Digital Spectrophotometer	UV-Vis-Single Beam Spectrophotometer, 340-960 nm range, high accuracy and reliability, %transmission and OD measurement, 10nm bandwidth, Single position 20/50 mm Cuvette holder, with free installation	2
9	Monocular compound Microscope	<p>Monocular compound Microscope - Monocular Straight 900 tube length 165mm. Precision Fine focusing system reading to 0.002mm Separate Coarse and Fine focusing Knobs. Coaxial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 28mm Dimension-33cm×28cm×44cm× Quadruple revolving nosepiece. Plano Concave reflector or mirror. Graduated mechanical stage size 125mm x 140mm supported on ball bearing guides and having low positioned separate X-Y movement. Abbe condenser N.A. 1.25 with iris diaphragm and filter holder, moveable on rack and pinion. Filter: day light cobalt filter and blue filter Coated Semi Plan Objectives: SP-4x, SP-10x, SP-40x & SP-100x Oil Immersion (SP-Semi Plan) with immersion oil tube Eyepiece: WF-10x & H-5x or H-15x. Supplied Complete with Rechargeable Sub-Stage LED Illuminator for Artificial Light attachment. Finish: Matte Grey covered under On-site Warranty for 1 year. Installation for Free (Model no. 'EDUCATOR-Medical'/Equivalent).</p>	10

10	Distilled water plant machine	Rust free, Low maintenance, Less power consumption, Durable, Economical, High shelf life	2
11	Museum specimens, slide specimens & models for identification	Specimen: Opalina, Millepora, Tubipora, Alcyonium, Meandrina, Palamnaeus, Cancer, Scolopendra, Julus, Bombyx, Odontotermes, Helix, Ostrea, Nautilus, Pentaceros, Clypeaster, Cucumaria, Herdmania, Sphyrna, Pristis, Torpedo, Chimaera, Mystus, Heteropneustes, Cirrhinus, Hypopthalmichthys, Ctenopharyngodon, Anguilla, Tetrodon/Diodon, Clarias, Necturus, Alytes, Chelone, Trionyx, Hemidactylus, Varanus, Uromastix, Mabuya, Bungarus, Mammalian skull (Guineapig & Dog) Permanent Slide: Daphnia, Mammalian Cartilage, Bone, Thyroid, Placoid scale, Cycloid scale, Ctenoid scale, Polytene chromosome, Lampbrush chromosome, Primitive streak (13 to 18 hours), 21-33h developing stage of Chick embryo, 36-48h developing stage of Chick embryo, 72-96h developing stage of Chick embryo, different stages of Placenta Model/Chart for Demonstration: SDS PAGE, ELISA, DNA replication, Transcription, Split genes, Southern blotting, Northern blotting, Western blotting, DNA sequencing(Sanger's method), PCR, DNA fingerprinting, Animal fossil model	1 each
12	Titration kit	50ml Burette, 23" (60cm) Rod, 8"x5" Heavy Base, Clamp, Boss Head, Ring Clamp A burette with a fiber stop cock with sophisticated stop cock valve. Type: volumetric burette with proper scale	20
13	Glass goods	Borosil (500 ml.) Conical-flask Beaker Specimen-jar Coupling-jar	12 24 36 24
14	Chemicals Benedict's Test), proteins (Biuret's Test), Lipids (Saponification number) and Electrophoresis	Benedict's reagent (500ml), Sodium citrate (500 g), Anhydrous sodium carbonate (500 g), Cupper Sulphate (500 g), Sodium hydroxide (500 g),	2 each
		Agarose (25ml), Bromophenol Blue (25g), Ethidium Bromide (25ml), DNA Ladder Marker (For DNA)	2 each
15	Refrigerator	Refrigerator - Frost Free, Double Door: Auto defrost to stop ice-build up Capacity 253 L, Warranty: 1 year on product, 10 years on compressor, Energy Rating: 5 Star, Inverter Compressor – Energy efficient, less noise & more durable, Shelf Type: Toughened Glass, Also included in the box: User manual, Warranty card	1

16	Trinocular Microscope with plan optical systems with Camera	<p>- Trinocular Observation Head: Sidentopf observation head inclined at 30° rotatable at 360°. Diopter adjustment ring on ocular tube. Interpupillary distance adjustment from 48mm to 75mm. Third Port for Camera Attachment. Eyepiece: Wide field 10x (Paired) FOV 22mm. Objective: Plan Achromat 4x, 10x, 40x, and 100x oil Immersion. Mechanical Body: Co-axial focusing system, Pre-Focusing Lever & Tension Adjustment ring. Reverse angle quintuple nosepiece revolves on ball bearing. Reckless Mechanical Stage Size: 216mm x 150mm having low positioned coaxial controls. Coarse stroke 37.7mm/rotation, fine division travel 78mm x 54mm. PRE-FOCUSING LEVER A. Sub Stage Condenser: Swing out abbe marked condenser 1.25 with adjustable iris diaphragm. Illuminator: Illumination incorporates with 3W LED Lamp, adjustable brightness. Lamp life not less than 50,000 hrs. Standard Accessories Dust Cover, blue filter, Warranty Card. Packed in moulded Styrofoam. Warranty for 1 year. Installation for Free. 2 year free servicing.</p>	2
17	Laminar Airflow	<p>Cleanliness - Class 100, Velocity - 90 FPM(+/-) 20%, Hepa filter - 99.999% efficiency for particles >0.3µm (washable), better than US Fed Std 209B Class 10 and VDI 2083 Class -3, Cabinet - Laminated high quality wooden board/PCRC sheet powder coated/stainless steel SS 304 (optional 316 grade), Airflow speed: control speed controller (3 step), Blower: Higher efficiency centrifugal type, Light: Higher intensity low wattage>lux, Noise level: <55 dBA, Standard Accessories: Air or Gas Cock and mains power socket, Power supply: 220-230V, 50Hz, Microprocessor LCD controller, Digital display for air flow rate, transparent front door, Gauge Pressure, UV Germicidal Tube, Electronic Filter Choke Alarm, Spare Hepa filter, Auto switch On/Off for UV germicidal tube and hr. meter for UV light</p>	1

