

ANANDA CHANDRA COLLEGE

(GOVERNMENT SPONSORED)

AFFILIATED TO: UNIVERSITY OF NORTH BENGAL

Office of the Principal
P.O. & Dist. JALPAIGURI,
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Ref No: 2025-26/ACC/Tender/705

Date: 27.01.2026

E-TENDER NOTICE

1. The Principal, Ananda Chandra College, Jalpaiguri, West Bengal invites **Item wise e-Tenders** for **Purchase of tabletop cold centrifuge, spectrophotometer, double distillation unit, audiometer, BOD incubator and shaker, gel transfer apparatus, blotting apparatus, pipetteman, electrophoresis power supply unit, magnetic stirrer with hotplate, vortex, digital balance (mg scale), digital balance (gm scale), gel rocker, -20°C freezer, digital spirometer, digital microscope and other Laboratory Equipment** for the Laboratory of Department of Physiology, Ananda Chandra College, Jalpaiguri. The tentative quantity and technical configurations of each item are provided in **Annexure-1**.
2. The tender will be processed through the Government of WestBengal e-Procurement Portal: <https://wbtenders.gov.in>.
3. The tender should be submitted in **two-cover system**:
 - o Technical Bid
 - o Financial Bid
4. **Important Dates:**

Sl. No.	Milestone	Date	Time
1	Publishing Date	28.01.2026	11:00 AM
2	Document Download Start Date	28.01.2026	11:30 AM
3	Bid Submission Start Date	28.01.2026	11:30 AM
4	Bid Submission End Date	10.02.2026	05:00 PM
5	Technical Bid Opening Date	12.02.2026	12:00 Noon
6	Financial Bid Opening Date	After evaluation of technical bid	

5. **EarnestMoneyDeposit (EMD):** The Earnest Money of ₹40,000/- (Rupees Forty Thousand only) must be deposited online in favour of "Ananda Chandra College-DST"; Bank Details: **Name of the Bank: Indian Overseas Bank; IFSC: IOBA0001828; Account Number: 182801000006855**. The package number and UTR number should be clearly mentioned on the deposit challan. Payments without this information will be rejected.
6. The EMD of the successful bidder will be converted into a Security Deposit and refunded after 6 months, contingent upon successful performance. No interest will be paid on the EMD.
7. **EligibilityCriteria:**
 - a) The bidder must be a technically and financially sound firm with experience in supplying similar equipment in Government/Semi-Government/Autonomous Bodies.
 - b) The bidder must have successfully completed within the last 5 years:
 - o Three similar works each ≥ 50% of the estimated cost, **OR**
 - o Two similar works each ≥ 60% of the estimated cost, **OR**
 - o One similar work ≥ 80% of the estimated cost.

- c) Must have valid Trade License, PAN, GST Registration, and Professional Tax Clearance Certificate.
 - d) Must submit audited balance sheet & profit-loss account for last 3 financial years (average turnover ≥ ₹10 lakhs).
 - e) Must submit manufacturer's authorization certificate for the quoted items.
 - f) Must declare they are not black listed and no legal/CBI/EPF/ESI/IT/GST cases are pending.
 - g) Joint ventures/consortiums are not allowed.
8. **Price:**
- Prices must be quoted **inclusive of all taxes, duties, freight, installation, and other charges** in Indian Rupees only.
 - The price **must include** the Maintenance Contract (as mentioned in Point 9)
 - No escalation will be allowed during the contract period.
9. All equipment/items should be covered by a minimum three-year Comprehensive Maintenance Contract (CMC) (after the initial free maintenance period by the supplier's/manufacturer's end) and two years of additional Annual Maintenance Contract (AMC).
10. **Only single-supplier, complete-lot bids are acceptable. Item-wise or partial bids will be rejected without further evaluation.**
11. **Payment:**
- 100% payment after successful delivery, installation, and acceptance, subject to deduction of 10% security deposit and applicable taxes.
 - Security deposit will be refunded after 12 months of satisfactory performance.
12. **Delivery Schedule:**
- Items must be delivered and installed within **15 days** of issue of Purchase Order at Ananda Chandra College, Jalpaiguri, West Bengal.
13. **Arbitration:**
- Any dispute will be referred to the sole arbitration of an officer appointed as per **Government of West Bengal norms**.
14. **Fraud and Corruption:**
- Bidders must observe the highest standard of ethics and avoid corrupt, fraudulent, collusive, coercive or obstructive practices.
15. **Award of Contract:**
- The contract will be awarded to the bidder whose bid is technically responsive and has offered the **lowest evaluated cost (L1)**. The college reserves the right to split orders or reject any or all bids without assigning reasons.
16. **Special Conditions:**
- No advance payment will be made.
 - Damaged or unapproved goods will be returned at bidder's cost.
 - Failure to supply within the stipulated period may result in purchase from other sources at bidder's risk.
 - The bidder must provide quick back up service; in case of failure, replacement should be made within 48 hours.

Sd/

Principal
Ananda Chandra College,
Jalpaiguri

ANNEXURE I

SL. NO.	INSTRUMENT(s)	Number of Items to be Provided	Model
1.	Tabletop cold Centrifuge	1	REMI : NEYA 16R Automatic rotor detection, check of presence of accessories and compatibility with maximum speed • Safety speed limiter function • 10 storable programs with protection function • Setting of speed in RPM and RCF • Short Spin function and precool • Temperature range from -10°C to +40°C • Controlled by microprocessor and backlit color LCD display with contemporary visualization of all parameters • Digital adjustment of acceleration and deceleration levels • Stainless steel internal bowl with optimal height for loading and unloading of samples • Imbalance detection system with automatic functioning stop to avoid accidents • Automatic locking system of the lid • Safety opening of the lid in case of absence of electric power • Brushless motor maintenance free and no carbon deposits • Construction in accordance with European directives Maximum speed :16000 rpm Setting RPM Yes Setting RCF Yes Display RCF Yes Timer 00:30 to 99:50 (mm:ss) and continuous mode Acceleration levels 0-9 (0 = min - 9 = max) Deceleration levels 0-9 (0 = min - 9 = max) Temperature range :-10°C to +40°C Precool function :Yes Display temperature :Yes (°C and °F) Indication of rotor : Yes Noise :≤ 55 dB Angle Head Rotor : A 24-2 : 24 x 2 ml max 15000 rpm max 21000 g System should be supplied with metallic autoclavable rotors and metallic lids Rotor lids should have a QuickLock-system for quick opening and closing of rotor lid System should have an in-built condensate drain to prevent water accumulation System should have fast temperature function for rapid cooling of centrifuge System should have a programmable temperature function to allow automatic precooling based on pre-programmable time and date System should be possible to program compressor shut off after 8 hours of non-usage of the centrifuge Should be supply servo control stabilizer 2 kva VS 02

2.	Spectrophotometer	1	Double Beam Spectrophotometer: Labindia: UV 2000UV ▪ Wavelength Range: 190nm to 1100nm ▪ Working Mode: Both stand alone, and PC controlled with window-based application software included in package. ▪ Cell Changer: 4 cell changer as standard or better ▪ Spectral Band Width: 2 nm or better ▪ Monochromator: Dual beam hollow graphic gratings 1200 lines/mm ▪ Wavelength Accuracy: ± 0.5 nm @ 656.1nm D2 or better ▪ Wavelength Repeatability: ≤ 0.3nm ▪ Stray Light: 0.05% T @ 220 nm NaI, 340nm for NaNO₂ or better ▪ Photometric Range: (Approx.) 0-100%T ▪ Absorbance: -3 ~ 3Abs ▪ Detector: Silicon Photodiode ▪ Photometric Accuracy: $\pm 0.3\%$T (0 -100%T) or better ▪ Baseline Flatness: ± 0.002 Abs ▪ Photometric noise: 0.001A (500nm) 30min warm-up ▪ Software: Quantitative, Multi-wavelength, Spectrum and Kinetic measurements ▪ Light Source: Tungsten Halogen and Deuterium arc Lamps ▪ Output: USB Port and Parallel Port (Printer) Accessory: One pair Quartz Cuvette of 10mm path length 3.5 ml Volume
3.	Double distillation unit	1	Double Distillation System : Make : Reviara : 72200 1515 Output 1.5 litres/hr, Mono cut off system with thermostat : detects low or no water to condenser and automatically turns OFF the system Two Iron Guard
4.	Audiometer	1	Hermes D • Air conduction audiometry. • Bone conduction audiometry. • Normal, Pulsed, Continuous and Warble Tone. • Narrow and Speech band masking available along with wide band masking. • Supplied with standard headphones, can accept both 8 ohms and 10 ohms. • Tone Decay Test available. • Digital calibration facility. INPUT VOLTAGE: ~220 – 240V, 50Hz $\pm 10\%$ PURE TONE FREQUENCIES: AIR CONDUCTION: 125 Hz to 8 KHz (Maximum 120 dB) Speech: 100 dB BONE CONDUCTION: 250 Hz to 6 KHz (Maximum 75 dB) Speech: 70 dB NOISE: Wide, Narrow and Speech Band Attenuator (Masking) in steps of 5 dB Masking Range: 0 dB to 100 dB

			WEIGHT: 1.4 KG (approx) DIMENSION: 272 (L) × 200 (W) × 83 (H) in mm Standard Kit with Accessories: • Audiometer unit – 01 • Head phone – 01 • Bone vibrator – 01 • Patient response switch – 01 • Carrying Case – 01 Optional Upgrades: • To High Frequency Audiometry (upto 20,000 Hz) • Free Field Audiometry • PC Connectivity • Special Test: SISI, BEKESY and ABLB
5.	BOD Incubator & Shaker	1	Benchtop BOD Incubator: Make : ASP Brand : Model : BIS-3CF Specification: Double walled with inner chamber of stainless steel & outer wall of M.S. Sheet duly Powder coated. Temperature will be controlled by Digital controller with air circulation. Temperature range: 5°C to maximum 60°C with accuracy range of ± 2°C. Chamber Size: 90 lit (3 cft) : Number of shelves: two (2 Nos. Stainless Steel adjustable trays) Microprocessor based PID controller Temperature range between which will be controlled by means of a Digital Temperature Controller in conjunction with an electronic relay
6.	Protein gel transfer apparatus, with Blotting aparatus	1	PROTEANGels Transffer & Blotting Unit : Biorad make :1658001& 1703935 This protein electrophoresis system includes: • Tank, lid with power cables, electrode assembly • Mini cell buffer dam • 2 casting stands with 4 casting frames • 5 short plates and 5 spacer plates with integrated 1.0 mm spacers • Five 10-well combs • Five gel releasers (165-3320) Mini Trans-Blot Module Modular system includes 2 gel holder cassettes, foam pads, electrode assembly, cooling unit
7.	Pipetteman with Pipette Aids	1	Eppendorf : Model : Reaserch Plus • Ultralight weight mechanical pipette • Four-digit display with display window facing user with 2 button operations • Provision for the user to adjust the pipette for better accuracy to use difficult liquids as high vapor pressure or high-density liquids. Also, it should be adjusted back to factory setting without the need of calibration. It is called Secondary adjustment of Piston • Quick connection clip to remove the lower part easily • Pipette Piston made of biopolymer Fotron(PEEK material) which is highly resistant to heat, acids and alkalis, mildew, bleaches, aging, sunlight and abrasion • Very low tip ejection force – 3.6N • Spring Loaded Tip Cone : Tip cone provided with Spring to reduce stress for up to 1 ml pipette

			• Volume adjustment with few turnarounds from maximum to min volume. • Viable calibration seal to indicate factory calibration not changed • Without removing any parts, full pipette needs to withstand Autoclave sterilization at 121°C for 20 min No discoloration upon UV irradiation
8.	Electrophoresis power supply unit	1	Bioradmake :1645050 Programmable power supply should be capable to operate four electrophoresis units simultaneously for four identical runs with graphic LED display. The output range should be 10-300 V , 0.4-400 mA, 1-75 W . Constant voltage, current or Power with Automatic crossover Memory storage: 9 programs , 9 steps, Timer Control : 99 hr, 59 min Automatic Power up after Power failure, Safety features: No-load detection; sudden load change detection.
9.	Magnetic stirrer with hotplate	1	REMI : 2MLH Digital Speed IndicatorMagnetic Stirrer 2 litercapacity with hot plate and Digital Speed Indicator
10.	Vortex	1	REMI : CM-101 Cyclo Mixer suitable for Interchangeable mixing Heads
11.	Digital Balance (mg scale)	1	Mettler : Model : LA204 Specifications - Analytical Balance LA204 Maximum Capacity 220 g Readability 0.1 mg Repeatability, typical 0.08 mg Minimum Weight (U=1%, k=2), typical 16 mg Settling Time 3 s Adjustment Internal Interfaces Bluetooth (optional) RS232 Display LCD Backlit Display Minimum Weight (USP, 0.1%, typical) 160 mg Weighing Pan Diameter 90 mm Dimensions (HxWxD) 345 mm x 210 mm x 308 mm Approved Balance No Balance Line LA Balance Type Analytical Balance Level Standard \$
12.	Digital Balance (gm scale)	1	Wensar Make : PGB1200 Capacity : 1200 gm Readability : 0.01 gm Displace Lcd , calibration automatic external Low Battery indicator & Multifunction weight unit
13.	Table top gel rocker	1	Neolab Make : RP 291 for mixing samples in petri dishes, test tubes and bottles for end to end shaking and Gel shaking at variable speed from 8 to 60 strokes per minute. Body made of powder coated M.S and the tray made of S.S approx size 300 x 275 x 25 mm height
13.	-20 ⁰ C freezer	1	Vertical Freezer : Celfrost make : BFS 350 Capacity: 350lts. Temperature range:(-20°C)

			Door lock facility, No. of Basket/Shelves: 8 wheels
14.	Digital Spirometer	1	RMS : Helios 702 Portable Spirometer High resolution color graphic TFT Built-in thermal printer Storage for 2500 patient data FVC, SVC and MVV test Evaluation of 51 vital parameters with interpretation Indian predicted equations Mains and Battery operations Facility to download data to PC Flow Range : -10 + 16 lit/Sec Max Volume : 8 lit Accuracy : 1 (-+) Transducer : Bi-direction Turbine Cartridge Turbine sensor : Infrared interruption Flow Detection : Volume Differential Printing : Thermal Printer Data Display : Graphs & measurement Value
15.	Digital Microscope	1	DEWINTER 'CROWN-PLUS' UPGRADED TRINOCULAR MICROSCOPE WITH DGI-510 USB 3 10 MEGA PIXEL MICROSCOPIC CAMERA AND IMAGING SOFTWARE Technical Features Optical System : Infinity color corrected optical system Viewing Head : 30° inclined, gemel Binocular head, interpupillary distance 47mm-75mm. Third port Camera attachment. Eyepieces : High eye point wide field plan Eyepiece10X/22mm, (Pair) with adjustable diopter and eyeguard. Objectives Infinity : 4x / N.A. 0.1 W.D. 11.9mm Corrected Plan 10x / N.A. 0.25 W.D. 12.1mm 20x / N.A. 0.40 W.D. 1.5mm 40x / N.A. 0.65 W.D. 0.36mm 100x / N.A. 1.25 W.D. 0.18mm Nosepiece : Reversed angle Quintuple nosepiece Focusing Mechanism : low position coaxial focusing mechanism, coarse range: 25mm, fine precision: 0.002mm, with tension adjustment And upper limit. Mechanical Stage : 210mm X 140mm double-layer composite mechanical moving stage, double slice clamps, moving range: 79mm x

			55mm; accuracy: 0.1mm (X-axis single rail driving) without rack protruding structure, stage surface with wear resistant and corrosion resistant treatment. Transmitted Illumination System : N.A.1.25 compound eye illumination with combination of three lens for free, soft illumination, instead of single lens condenser. Condenser preset center, adaptive 100V-240V having anti mold power cord and switching power supply, single high brightness 3W LED (cold color temperature), light intensity can be continuously Adjusted. Lamp life 60,000 hrs. of sustainable lighting. Accessories : Power Cord, Dust Cover, Warranty Card Etc. DEWINTER 'DGI-510' CMOS CAMERA ATTACHMENT FOR MICROSCOPE WITH IMAGE CAPTURE & MEASUREMENT AS WELL AS ANALYSIS SOFTWARE Camera Sensor : 5.24 megapixel color CMOS Scan Mode : Progressive Image Sensor : 2/3" (7.60mm(H)x6.20mm(V), Diagonal 7.959mm) Effective Pixels : 2592 X 1944, Pixel Size : 4.65µm x 4.5 µm Frame Size and Rate : 12 fps @ 1280 x 960 (Multiple Speed Level). Signal/Noise Ratio : 70dB Digital Output (A/D) : 8 R,G,B to PC and 12-bit Parallel G Sensitivity : 400mV with 1/30s Accumulation Power Requirement : USB bus power, or external 5VDC – 2.5A power supply Operating Temperature : 0° C to +60° C Operating Humidity : 5%-100%, Non-condensing White Balance : One Push ROI White Balance/Manual Temp-Tint Adjustment Gain : Programmable Interface Connector : Standard USB 2.0 high-speed interface Dimensions (L x W x H) : 60 x 60 x 40 mm. Lens Mount : C-Mount lens adapter Binning : 2x2. Exposure : Normal Exposure : 0.22-119.37ms, ROI Auto & Manual Long Exposure : 119.37ms-4mins Colour Rendering Technique : Ultra Fine™ Colour Engine Capture / Control API : Twain
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			Capture Mode : Still Picture and Video IMAGE VIEW ONLINE MEASUREMENT AS WELL AS ANALYSIS SOFTWARE ADVANCED FEATURES Provision to open 1 to 4 cameras at a time. Measurement on live zoom preview. Capture still and video format Capture at time interval (TimeLapse). Instant image capturing. Real time full screen image Programmed interval captures. Video capture by time settings. Easy measurement calibration Background correction. On line (Live) Measurement in microns, inches, millimeters, Length measurements, Ellipse, Rectangle, Irregular shape measurements, Perimeter, Radius, Circumference measurements, Angle measurements Magnifier (zoom) function, Distant Image sharing, On-line files sending/receiving. Image amalgamation Image adjustment effects, Data export, Report generating and print out. Interactive file format. Scale Bar Facility
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