JAGANNATH KISHORE COLLEGE,
PURULIA
OFFICEOFTHEPRINCIPAL
PO+DISTRICT-PURULIA,PIN–723101

Website:www.jkcprl.ac.in|Email:jkcp.1948@gmail.com

Ref No: NIT-08/JKC/2025-26 **Date:**16.12.2025

E-TENDERNOTICE

1. The Principal, J. K. College, Purulia invites **Item wise e-Tenders** for **Purchase of Spectrophotometer, Refrigerated Centrifuges, Analytical Balance, pH Meter and other Laboratory Equipments** for College Administrative Office at Purulia. 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**:
   - **Technical Bid**
   - **Financial Bid**
4. **Important Dates**

Sl. No.	Milestone	Date	Time
1	Publishing Date	**16.12.2025**	**11:00 AM**
2	Document Download Start Date	**16.12.2025**	**11:30 AM**
3	Bid Submission Start Date	**16.12.2025**	**11:30 AM**
4	Bid Submission End Date	**01.01.2026**	**05:00 PM**
5	Technical Bid Opening Date	**05.01.2026**	**12:00 Noon**
6	Financial Bid Opening Date	**Afterevolutionof technicalbid**	

5. **EarnestMoneyDeposit (EMD)**:

The Earnest Money of ***₹20,000/- (Rupees Twenty Thousand only)*** *must be deposited online in favor of "Principal, J. K. College, Purulia" via net banking or through the ICICI Bank Payment Gateway. 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 equipments in Government/Semi-Government/Autonomous Bodies.

b) The bidder must have successfully completed within the last5years:

- Three similar works each ≥50% of the estimated cost **OR**
- Two similar works each ≥ 60% of the estimated cost **OR**
- 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,andother charges** in Indian Rupees only.
- No escalation will be allowed during the contract period.

9. **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.

10. **Delivery Schedule**:

- Items must be delivered and installed within **15 days** of issue of Purchase Order at J. K. College, Purulia, West Bengal.

11. **Arbitration**:

- Any dispute will be referred to the sole arbitration of an officer appointed as per **Government of West Bengal norms**.

12. **Fraud and Corruption**:

- Biddersmustobservethehigheststandardofethicsandavoidcorrupt,fraudulent,collusive, coercive or obstructive practices.

13. **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.

14. **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.

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ANNEXTURE -1TECHNICAL SPECIFICATIONS

Sl. No.	Name of item	Brand	Description	Approximate Number
	1	2	3	
1.	Double Beam Spectrophotometer	Labman / Lasany / Shimadzu or Similar	Wavelength Range - 190-1100 nm Optical System - Double Beam Spectral Band width - 1 nm Wavelength Accuracy <=+/0.1 nm (656.1 nm D2), <=+/0.3 nm (full wavelength Range) Wavelength Repeatability - +-0.1 nm Photometric Accuracy - +-0.3%T (0~100%T) Photometric Range - 3A~3A Photometric Repeatability - 0.001Abs (0~0.5Abs) Stability - +-0.0004 A/H at 500 nm Baseline Flatness - +-0.001A Noise - 0.0003 A/H Dimensions - 590 x 460 x 220 mm Weight - 25 kg Photometric Mode - 0.1 nm **Applications** Medicine/Pharmaceutical Industry, Environment Monitoring, Commodity Inspection, Food Inspection, Agricultural Chemistry, Teaching in colleges & Universities, Metallurgy, Geology, Machine Manufacturing, Petrochemical Industries, Water and waste water Labs, Food and beverages Labs	1
2.	Refrigerated Centrifuges	Thermo Scientific / Sigma / Remi or Similar	Max. Speed - 20000 Rpm Max. Rcf - 37570 G. alibration window on lid for speed. Display digital. self diagnostics of error nil. Parameters setting switches Feather touch key Choice of RPM setting. Digital countdown timer 0-99 min. & continuous run. Log of cumulative run time. Automatic door opening. Automatic rotor identification. Brushless motor with frequuency drive. Inderter fault detection with auto shut down. CFC free refrigeration system. emergency lid lock release. imbalance detection with Centrifugation cut off. password protection. gas finge to prevent door falling. Max. Tube Size -100ml Max. Capacity - 400ml	1

			Lowest Temp. - -8c Noise - 60db Wxdxh - 775 x 575 x 475 mm WITHOUT HEAD Optional Voltage Stabilizer - Model VS-03 RS-12000 Angular Head - R-244M 12 x 15ML Angular Head - R-243M 8 x 25ML Angular Head - R-248M 24 x 1.5ML	1 1 1
3.	Analytical Balance	Cole-Parmer / WENSAR / Sartorius or Similar	Capacity - 220g, Accuracy - 0.0001g Product Description Internal Auto calibration Touch screen E.M.F.C Technology RS232C, Density Measurement function Piece counting & percentage (%) Counting Date, Time, Temperature, ID Setting LCD Display, Density kit (Optional) Usage/Application Laboratory Brand WENSAR Model Name/Number MAB220T Capacity 220g Accuracy 0.0001g Calibration Internal Pan Size 80 mm Country of Origin Made in India Two yearGurantee	1
4.	Kymograph Rotor Kymograph Rotating Drum	Meditech / Micro Technologies / Sinha Scientific or Similar	Electrical Z-8 Student Kymograph with special heavy duty motor, oil lapped gear systems, speeds from 0.12 mm/sec to 640 mm/sec, in 8 steps, jerk free running, instantaneous start & stop clutch. Stainless steel spindle with screw lift 15 x 15cm cylinder with levelling screws, pilot lamp, plug & cord. Electrical Z-8 Student Kymograph Student Kymograph with special heavy duty motor, oil lapped gear systems, speeds from 0.12 mm/sec to 640 mm/sec, Kymograph in 8 steps, jerk free running, instantaneous start & stop clutch. Stainless steel spindle with screw lift 15 x 15cm cylinder with levelling screws, pilot lamp, plug & cord. One years WARRANTY"	1
5.	pH Meter5 points calibration	Labman / Analab Scientific / HPG Systems or Similar	LMPH-12 Benchtop pH Meter is a high precision pH meter with large backlit LCD display. The meter can displays many useful prompt messages to helps you quickly and easily measuring the samples.	1

			Weight - 1.2 kg Calibration - Upto 5 Points Display Type - LCD Type Of Ph Meter - Benchtop Usage/Application - Laboratory Ph Range - -2.000~20.000 pH Voltage - 220 V AC RelMv Range - +-1999 mV Frequency - 50 Hz Dimensions - 210x188x60 mm Selectable - Two yearGurantee Features Selectable pH buffer standards and temperature units. Automatically calculates and displays electrode slope after calibration. Automatic Temp.Compensation (ATC) ensures highly accurate measurement over the entire range. Calibration due reminder prompts you to calibrate the meter regularly. During ORP mode, Single point offset calibration allows user adjusts displayed value to a known standard. Absolute or Relative millivolt (R.mV) measurement provides accurate ORP readings. Automatic endpoint function freezes the stable measured values for easy reading and recording data. Setup menu lets user customizes buffer standards, calibration points, stability conditions, resolution, temperature units, date and time to meet measurement requirements. Reset function can resumes all settings to factory default values. Expanded memory stores and recalls up to 500 readings. Built-in real-time clock stamps stored data to meets GLP standards. Stored data can be transferred into computer via USB communication interface. Help message as an operational guide to helps you understand how to use meter.	
6.	Reseach Microscope, (Binocular Version)	Carl Zeiss / Leica / Olympus or Similar	Coaxial coarselline knobs: Tension adjustment on the right side and fine focus knob graduated, stage movement (XY direction) on rack and pinion Quadrupierevolving nose piece (fixed), plane stage of 120x132MM With right hand mechanical stage, abbacondensor 1.25 (oil immersion) with aperture iris	1

			diaphragm and blue rinor Universal power supply (100V to 240V) for 6V 20W illuminator, 8cc immersion oil, dust cover and mirror unit (plano-concave)Binocular observation tube (indination45 degreeinterpupilary distance adjustment range, observation 53-75 millimeters), diopter adjustment on the left, one yearwarentee	
7.	Research Microscope, (Trinocular Version) with digital camera	Carl Zeiss / Leica / Olympus or Similar	Olympus CX-23 TR LED Japan Trinocular Research Microscope with Plan Infinity Corrected WITH CAMERA ATTCHMEMT & CAMERA , One year warranty Objective SKU: LAB.MIC.76792161 Type of Product: Microscope Optical Tube: Trinocular Illumination: Built in LED illumination Objectives: Plan Achromat, anti-fungal 4X, 10X, 20X, 40X, 100XEye Pieces: Two 10x widefield eyepieces -FN20 Condenser: Abbe type with aperture iris diaphragm N.A. 1.25Voltage Supply: 100-240 V AC Material: Aluminium Die Cast Color: White & Black Model No: CX-23 TrLEDNose Pieces: Fixed quadruple nosepiece with inward tilt Stage: Mechanical stage digital camera 5MP with 0.5x TR ADAPTER & software.	1
8.	Plankton Net	Harpal Sons / Adarsh International or Similar	Brass made. 12'' dia. With silk cloth.	1
9.	Digital Photoelectric Colorimeter	Bionics / Systronics / Nutron Scientific or Similar	The advantages of the 112 %T & ABS. One year Warranty 1ml Sample volume Display : 3 Digit LED Light source - White LED Eight Optical filters on a turret to cover 400 – 700 nm	1
10.	Water Distillation Unit	Lasany / Borosil / Laboidor Similar	Capacity-4LTR. Abundant output. The still provides 4 litres/hr. of distilled water produced through a power input of 3 KW by a Chromium Plated heater housed in a horizontal Borosilicate Glass Boiler (Pyrex Brand Borosilicate Glass). Distilled output is cool ensured by a high efficiency condenser. Temperature of distillate 25 C- 40 C tested for ambient room temperature of 30 C. Provision for wall mounting. Ideal for	1

			general laboratory use capable of producing pyrogen free water. Voltage 220/ 240 V, 50/ 60 Hz. Single Phase. Power Source 3KW Heater. Overall Dimensions 50cm x 15 cm x 45 cm, Weight 6kg. Approx.	
11.	Magnetic Stirrer with heater	Remi / Labpro / Bionics or Similar	Magnetic Stirrer with heater 2LTR. one years guarantee	1
12.	Vertical mini Gel electrophoresis system with Digital EPS	Biorad / Biolonkk / Genei or Similar	106725GB, GEL Size 16 X 14cm for 13 sample One years Guarantee Digital EPS 500 Model 0-500V, 0-500mA, variable with Timer constant current, Constant voltage, Digital Display. One years Guarantee	1
13.	Thermal Cycler	Thermo Fisher / Lasany / Eppendorfor Similar	Cat. no.4375786 PCR One year Warranty Specifications Dimensions: Height: 24.5cm (9.6 in.), Width: 23.7 cm (9.3 in.), Depth: 48.5 cm (19.1 in.) Display: 6.5 in. VGA 32k color with touch screen For Use With (Equipment): Veriti Thermal Cycler Peak Block Ramp Rate: 3.9°C/sec Product Line: Veriti™ Programs: Auto re-start (after power outages), Program overwrite protection Reaction Speed: Fast, Standard Reaction Volume Range: 10-100 µl Remarks: VeriFlex™ Blocks: 25 °C (5 °C Zone-to-Zone), Standard 0.2 ml format and sample block enabled to run fast chemistry. Sample Ramp Rate: ± 3.35 °C/sec Temperature Range (Metric): 4.0-99.9 °C Tm Calculator: Menu driven through touch screen Weight: 11.4 kg (25 lb) Capacity: 96 x 0.2 ml tubes, 1 x 96-well plate Format: 0.2 ml tubes, 96-well plate Temperature Accuracy: ±0.25°C (35°C to 99.9°C) Temperature Uniformity: <0.5 °C (20 sec after reaching 95 °C) High-throughput Compatibility: High-throughput Compatible Memory: USB and On-board"	1

14.	Laminar Air Flow	Thermo Fisher Scientific / Bionics / Sinha Scientific or Similar	• Cleanness , class 100. • Cabinet contracted WOODEN • Working table top stainless steel. • Low vibration and noise. • Easy movement due to castor wheel provision. • Partied retention 0.3 micron and above through hepa filter. • Power supply 230V S.P50Hz AC mains. • UV lamps /clear imported(Philips) acrylic front door/pressure manometer. Air Velocity : 90 fpm • Additional exhaust system with perforated S.S table for vertical flow versions also available. • Cock for gas. • SIZE 3' x 2' x 2' Two yearGurantee"	1
15.	BOD Incubator	Bionics / Remi / Sinha Scientific or Similar	• Interior chamber stainless steel.22/24 gauge (3 rack s.s) • Exterior chamber (22 gauge) of CRCA finished in epoxy paint. • Full view inner imported acrylic door. • Digital setting and display of chamber temperature. • Temperature range 5-60 oC • Accuracy of controlled 1 0C • High performance air circulation assembly.(marathon) • Microprocessor based digital controlled.7 segment. • Built in voltage stabilizer. • SIZE ; 6cu/ft SIZE : Two yearGurantee"	1
16.	Elisa Plate Reader	Biogenix / Biorad / Micro Lab or Similar	Features: Multiple Plate Formats 12 / 24 / 48 and 96 well capability to meet a variety of assay needs Ensures optimal performance provides reliable, long term use On-Board Diagnostic Testing System Test: on startup Model Microlisa Plus Brand Micro Lab Voltage 100-220 V Frequency 50 - 60 Hz Resolution 0.001 OD Printer Built-in 57mm thermal printer Filter Wheel 6 positions (2 optional) Wavelength Range 400 - 670 nm Temperature 10-40 Degree C Dimensions 22 cm x 32 cm x 16 cm Bandwidth 8 nm One year Warranty"	1

17.	Minus- 20°c refrigerator	Blue Star / BionixScientifis / Remior Similar	CHFSD300DSW Two yearGurantee	1
18.	Vortex	M.M. Scientific / Remi / or Similar	BI-VM-2500, One year Warranty	1
19.	Transluminator	Thermofisher / Spectronics / Remi or Similar	TCM-1, One year Warranty	1
20.	Micro Pipette	Mettler / Tarsons / Microlit or Similar	Variable Volume 2-20, T-20	1
21.	Micro Pipette	Mettler / Tarsons / Microlit or Similar	Variable Volume 20-200, T-200	1
22.	Micro Pipette	Mettler / Tarsons / Microlit or Similar	Variable Volume 200-1000, T1000.	1
23.	Micro Pipette	Mettler / Tarsons / Microlit or Similar	Variable Volume 1000-5000, T-5000	1
24.	Rotary Mixture	Tarsons /Remi / Labgoor Similar	-3090X, BAR FOR 20X15ML TUBE, 3092X	1
25.	Rectangular Hot Plate	Scientech / Sinha Scientific / Apollo Lab or Similar	Size-12 x 10'' 1kw, Body of Rounded and Rectangular Hot Plate is made of thick M.S./S.S. Top Plate over hangs by supporting of ceramic beeds which ensures air insulation between plate and base unit, Selection cast iron / S.S.Plate Controlled by energy regulator. Long lasting Nichrome elements Various sizes available	1

26.	Hot Air Oven	FerrotekEquipments / Sinha Scientific / Thermo Fisher Scientific or Similar	(Digital Controlled S.S) Inner Chamber Made Of Stainless Steel 22/24 Gauge .Grade 304 • Outer Chamber Made Of Steel 22 Gauge • Crca Finished In Power Coat. • Outer Steel Door And Fancy Handle. • Temperature Digitally Pdi Controlled. • Temperature Range Ambient To 250 C.Any Range Setup. • Inner Rack S.S. Perforated • Mechanical Air Circular System, • Auto Cut-Out Thermo, Switch, For Motor(Marathon.) • Blower Fan Aluminium Round Type Size 18"" x 18"" x 18""	1
27.	Water Bath	Thermo Fisher Scientific / Coslab/ Sinha Scientific orSimilar	Digital PDI Controlled SS • Made of Outer chamber stainless steel • Inner Stainless Steel, • Double walled Stainless Steel. • Controlled from ambient to 100°C with variable 1oC the bath, is provided with two indicator on/off switch 230VAC, SIZE 14'' x 9'' x 9'' combined with lid. 6 Holes , All Stainless Steel	1

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ANNEXURE-2

ProformaforTechnicalBid

	Particulars	Information
1	**Name of the Firm & Owner: (withTelephone/MobileNumbers,email)**	
2	**Type of Organization (Proprietorship/Partnership/Pvt. Ltd./Limited Company) Month/Year of Establishment**	
3	**WebsiteofBidder,ifany**	
4	**Month/Year of Establishment**	
5	**PAN/SalesTax/GSTRegd.Nos.**	
6	**Annual Turnover 2024-25**	
7	**Whether product(s) offered by the bidders are exactly as per the configuration of J.K.College. If not, indicate the changes in each product**	
8	**Clientele (submit copies)**	
9	**Validity of Tender**	
10	**Whether Terms & Conditions issued by J.K. College are acceptable to the Firm**	
11	**Whether Warranty as per the desired specification**	

Signature of Owner/Authorized Representative

Date:

Name:

Designation:

Signature Not Verified

Digitally signed by SAMBHU CHOUDHURY
Date: 2025.12.02 16:04:03 IST
Location: West Bengal-WB