

GOVERNMENT OF MANIPUR
CHURACHANDPUR MEDICAL COLLEGE
Churachandpur -795128
churachandpurmc@gmail.com

NOTICE INVITING TENDER

Tender Description: Supply, Installation and Commissioning of Laboratory Equipments for Histopathology Laboratory, Churachandpur Medical College	NIT NUMBER: CMC/NIT-2/2025 NIT DATE: 03.12.2025 Due Date: 21.12.2025 Time: 13:00 Hrs.	Technical Bid Opening Date: 22.12.2025; Time: 13:30 Hrs. VENUE: O/o Administrator, CMC, Churachandpur-795128 Manipur
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Please submit your best quotation subject to our terms and conditions attached for the equipments and materials mentioned below. The quotation enclosed in a sealed envelope superscribed with NIT no. and due date, should reach us on or before the due date by 13:00 hours IST and will be opened on the next day at 13:30 hours at the venue mentioned above.

TERMS AND CONDITIONS:

- This is a two-part Bid. Technical Bid and Price Bid should be placed in separate envelope superscribed with either Technical Bid or Price Bid as the case may be along with the NIT no. and due date. Price Bid shall include all commercial terms. Date of Price Bid opening will be intimated at a later date. Tender may be dropped at the Tender Box placed at:
a) Room #104, General Section, CMC, IB Road, Hiangtam Lamka, Churachandpur-795128 or
b) O/o Administrator, CMC Kyamgei, Imphal -795003
OR
may be sent via registered/speed post addressed to ADMINISTRATOR, CHURACHANDPUR MEDICAL COLLEGE, IB Road, Hiangtam Lamka, Churachandpur-795128, Manipur.
- Tender Validity: 120 days. Price Basis: Firm
- Mode of Evaluation: Group-Wise Evaluation. Contract will be awarded schedule wise and the determination of L1 will be done separately for each schedule. Schedule is as per given in BoQ sheet. (Annexure I)
- Delivery Period: 20 days from release/execution of Purchase Order (PO)/Contract.
- TERMS OF PAYMENT: 100% within 45 days of delivery and submission of Tax invoice and delivery Challan, and subject to acceptance of quality and adherence to specifications.
- CIF: To be borne by supplier
- Tax: GST TDS will be deducted as per rules.
- Please refer Annexure I for BoQ list, Appendix A(1) to A(5) for Technical Specification and Annexure II for Additional T & C & Bid Document list.

Sl. No.	Item	BoQ List, Scope of Supply & Quantity	Quantity/Units
1	Supply, Installation & Commissioning of Laboratory Equipments for Histopathology Laboratory, Churachandpur Medical College	As per Annexure I	As per BOQ

Bidders may depute their representative (maximum two) for tender opening. In case Tender opening Date falls on a holiday, Tender will be opened the next day at the same time.


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For and behalf of
Churachandpur Medical College

BOQ List

Annexure I

S.No.	NAME OF THE ITEMS/Equipment	Scope of Supply	Specification/Description/Requirements	No. Required	Schedule
A	Equipments				
1	Automated CBC Analyser -5 Part	Supply, Installation & Commissioning	As per Appendix A(1)	1	I
2	Coagulometer	Supply, Installation & Commissioning	As per Appendix A(2)	1	
3	Laboratory Centrifuge (12 Tubes)	Supply	As per Appendix A (3)	1	
4	Automatic Tissue Processor	Supply, Installation & Commissioning	As per Appendix A(4)	1	II
5	Rotatory Microtome	Supply , Installation & Commissioning	As per Appendix A (5)	1	
6	Tissue Floatation Bath	Supply	Digital tissue floatation bath with precise temperature control (30–70°C), uniform heating surface, LED display, and anti-corrosive black background	1	III
7	Water Bath	Supply	Digital laboratory water bath with adjustable temperature range (ambient to 100°C), uniform heating, stainless-steel chamber, and accurate PID temperature control	1	
8	Hot Air Oven	Supply	Hot-air sterilization oven with temperature range ambient + 5 °C up to 250 °C, uniform air circulation, stainless-steel chamber, and digital temperature control with safety over-temperature cut-off.	1	
9	Vertical Autoclave 52 Litres	Supply	Stainless-steel chamber, digital temperature & pressure control, automatic pressure release, safety locking system, and operating range up to 121–134 °C for reliable steam sterilization.	1	
10	Slide Warmer	Supply	The bidder is advised to provision for good quality products. Also bidder should provide proof of supply to atleast 3 different medical colleges as an assurance of experience and quality control.	2	
11	Refrigerator >= 300 Lts	Supply		1	IV
12	Specimen & Slides Storage Rack (3+1)	Supply		3	
13	Digital Stopwatch	Supply		1	
14	LED Binocular Microscope Magnus 21i	Supply	Comprehensive Maintenance Warranty should be included in the bid.	4	
15	LED Binocular Microscope Labomed Vision	Supply		25	

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S.No.	NAME OF THE ITEMS/Equipment	Scope of Supply	Specification/Description/Requirements	No. Required	Schedule
B	Glass wares				
1	Coplin Glass Jar	Supply		25 Slides	
2	Glass Jar for Specimens (14 x 21.5 x 10 cms OR 22 x 14 x 14 cm)	Supply		100	
3	Borosilicate glass test tubes with rim 15ml (15 x 150mm)	Supply		3 box(100 per box)	
4	Graduated Cylinders	Supply			
	100 cc	Supply		2	
	250 cc	Supply		2	
	500 cc	Supply		2	
5	Glass Funnel	Supply		2	
6	Microscope glass slides	Supply		100 box (50 per box)	
C	Consumables				
1	L Mould/ Embedding Mould-Stainless Steel	Supply	The bidder is advised to provision for good quality products. Also bidder should provide proof of supply to atleast 3 different medical colleges as an assurance of experience and quality control.	5	V
2	Tissue Cassette (Stainless Steel, Perforated)	Supply		50	
3	Museum Specimen Models	Supply		20	
4	Hemocytometer	Supply		5	
5	RBC & WBC Pipette	Supply		5 each	
6	Staining rack for slides (steel)	Supply		5	
7	Blood grouping antisera kits	Supply		2	
8	Leishman stain 500 ml	Supply		10	
9	Cedarwood oil 250 ml	Supply		10	
10	Coverslip 20 x 20 mm	Supply		10 box	
11	N/10 HCl 500 ml	Supply		2	
12	Benedict Qualitative Solution 500 ml	Supply		10	
13	Test Tube Holder	Supply		30	
14	Test Tube Rack	Supply		2	
15	Urinometer	Supply		3	
16	Protein/Albumin Powder	Supply		2	
17	Filter Paper	Supply		10 box	

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ADDITIONAL T&C:**Warranty, Maintenance & Service:**

1. Product Warranty should be minimum 3 years and 5 years for equipments from Sl. No. 6-13, the and Sl. No. 14-15 respectively. All software updates, wherever and whenever necessary, should be provided free of cost during warranty period.
2. Comprehensive Maintenance Contract Warranty: 5 Years after the end of Product Warranty.
Comprehensive & Product warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares. During the warranty period commencing from date of the successful completion of commissioning, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months. Warranty shall not be including the consumables. Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.
Comprehensive Maintenance Contract charges including GST to be indicated as percentage of cost of equipment quoted for each year after the warranty period. The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.
Comprehensive Maintenance Contract charges are inclusive of all the charges for Transportation, Lodging, Boarding, all insurances including third party insurance and all other incidental charges.
3. The Supplier should provide undertaking that for servicing or re-calibration etc., trained Engineer from OEM will be deputed and that response time from logging complaint (first intimation) to commencement of service at site should be within 72 hours.

EMD and PBG

4. EMD rules will be governed by GFR 170. EMD amount is Rs. 50,000/- each for Schedule I, Rs. 50,000/- for & Schedule II, Rs. 10,000 for Schedule III, Rs. 50,000 for Schedule IV and Rs. 10,000 for Schedule V Bidders Payable via RTGS/ NEFT to:
Account Name: Churachandpur Medical College
Account # 0255202100000263
PUNB0025520
UTR No/Receipt against payment of EMD should be enclosed along with the Technical Bid. Withdrawal of bid, inability to supply after receipt of PO/execution of contract and other unfair practices will attract forfeiture of EMD as decided by CMC administration. EMD amount will be returned within 28 days of tender opening. There will be no claim of interest by the bidder.
5. Performance Guarantee: 3% of purchase/contract award amount. No PG will be needed for Schedule V Items. Mode of payment of PG will be mentioned in the PO/Contract.

Installation & Commissioning

6. Place for Supply Installation & Commissioning: CMC, Churachandpur -795128, Manipur.
7. No. of days allowed for ICT after release of Purchase Order/Contract: 30 days.
8. Installation, Training, Manuals: Seller shall be responsible to carry out Installation & Commissioning, Testing, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee's representatives for operating and maintaining the equipment and supplying required number of operation & maintenance manual for the goods. Necessary test certificates, Manuals, instruction sheet, escalation matrix etc should be provided by the supplier.
9. All electrical circuitry including MCBs etc. to be provided by supplier. Buyer will only be responsible for providing the mains line.

Bidding

10. In all correspondence, quote NIT No. and due date.
11. Bidder can bid on any Schedule of the BoQ List.
12. Price bid should be inclusive of GST/Tax and inclusive of Product Warranty. Also quote on Comprehensive Maintenance Warranty shall be listed separately with along with option to purchase it separately by the buyer.
13. CMC is not responsible for any bid received after due date.
14. Bidder are advised to check applicable GST rates on their own before quoting. Buyer will not be responsible in this regard.

Rights reserves to Purchaser:

15. The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25%.
16. Administrator, CMC reserves the right to ask for rate justification if rate of items is found exceptionally high during evaluation, and if not found satisfactory, the bid of that bidder may be summarily rejected.
17. Administrator, CMC reserves the right to cancel the tender at any stage.

Generic:

18. The bidder should not be under liquidation or should not be bankrupt or should not have been blacklisted by any Central or State government departments or its agencies.
19. All disputes shall be solved amicably. Appeal will lie to the competent court within Churachandpur District.

DOCUMENTS TO BE SUBMITTED BY BIDDER:

1. GSTIN RC and other incidental documents.
2. PAN Card Copy
3. Certification by Authorised sellers in case of OEMs
4. Latest ITR
5. Affidavit of no pending legal dispute / black-listing at Central or State Level.
6. Experience Certificate wherever requested in the tender.
7. GeM Registration Certificate, if any.
8. Undertaking by bidder regarding Sl. No. 19 of Additional T & C above.
9. In case bidder is seeking EMD exemption as per MSME rules etc, relevant certificate is to be enclosed.

Technical Specifications for 5- Part CBC Analyser			
Sl. No.	Parameter	Specification	Bidder Compliance (Yes/No)
1	Reportable Parameter/Analysis Capability	Integrated Complete Blood Count (CBC) with a 5-part White Blood Cell (WBC) differential, Reticulocyte count (RET), and Erythrocyte Sedimentation Rate (ESR) analysis.	
		• CBC Parameters: The system must report standard CBC parameters, including WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, PDW, and PCT.	
		• Differential (Diff) Parameters: Report five-part WBC differential: Neutrophils, Lymphocytes, Monocytes, Eosinophils, and Basophils, in both percentage and absolute counts.	
		• Reticulocyte (Retic) Parameters: Report standard reticulocyte parameters (RET%, RET#, IRF).	
		• ESR Measurement: Integrated capability for Erythrocyte Sedimentation Rate (ESR) measurement from the same EDTA sample tube as the CBC, without requiring a separate analyzer.	
		• Immature Cell Reporting: The analyzer should have the capability to report on immature granulocytes (IMG) and nucleated red blood cells (NRBCs).	
2	Sampling	Type: Whole blood (venous/capillary), pre-diluted; optional body fluids	
		Method: Analyzer must support closed-vial sampling with a piercing mechanism to minimize biohazard exposure and hands-on time. Also, open-vial option should be available. The autoloader should allow continuous loading of sample racks for "walk-away" automation.	
		Volume: upto 100 µL	
3	Throughput	Minimum: 60 tests/hr (CBC); 45 tests/hr (CBC-DIFF + Research); 40 tests/hr (CBC+ESR)	
4	Storage Capacity	≥ 100,000 results including histograms and scattergrams.	
5	Power	230–240 V AC, 50 Hz, 600 VA	
6	Display & Interfaces	• A large, color touchscreen display for easy operation and data review.	
		LAN ×1; USB ×4 (USB2.0 ×3, USB3.0 ×1)	
7	Reagent	• The bid should include the cost of startup reagents, controls, and calibrators sufficient for initial setup and quality checks.	
8	Service & Warranty	• Warranty: Comprehensive warranty covering all parts, labor, and accessories for a period of 5 years.	
		• Comprehensive Maintenance Contract (AMC): Availability of a separate quote for a Comprehensive Maintenance Contract (CMC) for 5 years after the warranty period. All components of CMC included in the bid.	
		• Installation and Training: Installation, commissioning, and on-site application training for lab personnel should be included. Cost of TA/DA for engineers & imparting training shall be borne by the supplier.	
		• Service Response: service support from the company in Imphal or NE India and should be ready for on-site servicing within 72 hours of service calls(first intimation).	

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Technical Specifications for Automatic Coagulation analyzer

Sl. No.	Parameter	Specification	Bidder Compliance (Yes/No)
1	Instrument Type	Automatic coagulation analyzer with 4–8 measuring channels	
2	Measuring Channels	Minimum 4 channels; expandable to 8 channels depending on model	
3	Test Throughput	Minimum 80–150 tests per hour	
4	Test Menu	PT, INR, APTT, Fibrinogen, TT, D-Dimer, Factor assays (optional), AT-III, Protein C, Protein S	
5	Detection Method	Optical/photometric or mechanical clot detection	
6	Sample Capacity	Minimum 20–30 samples onboard	
7	Reagent Capacity	Minimum 10 reagents onboard with cooling (preferred)	
8	Reagent Management	Reagent level detection, barcode ID (if available)	
9	Sample Volume	5–50 μ L adjustable	
10	Reagent Volume	10–200 μ L programmable	
11	Calibration	Auto or semi-auto calibration with multi-point curve	
12	Quality Control	Supports multi-level QC with Westgard rules	
13	User Interface	Touchscreen or LCD display with intuitive software	
14	Connectivity	LIS/HIS connectivity via LAN or USB	
15	Data Storage	Minimum 50,000 test results onboard	
16	Safety Features	Clot detection, reagent expiry alerts, system error alerts	
17	Power Requirement	220–240V AC, 50 Hz	
18	Service & Warranty	<ul style="list-style-type: none"> Warranty: Comprehensive warranty covering all parts, labor, and accessories for a period of 5 years. 	
		<ul style="list-style-type: none"> Comprehensive Maintenance Contract (AMC): Availability of a separate quote for a Comprehensive Maintenance Contract (CMC) for 5 years after the warranty period. All components of CMC included in the bid. 	
		<ul style="list-style-type: none"> Installation and Training: Installation, commissioning, and on-site application training for lab personnel should be included. Cost of TA/DA for engineers & imparting training shall be borne by the supplier. 	
		<ul style="list-style-type: none"> Service Response: service support from the company in Imphal or NE India and should be ready for on-site servicing within 72 hours of service calls(first intimation). 	

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Technical Specifications for 12-Tube Laboratory Centrifuge		
Sl. No.	Required Specification	Bidder Compliance (Yes/No)
1	Bench-top centrifuge for Histopathology use	
2	Minimum capacity: 12 tubes (10–15 ml)	
3	Rotor: Fixed-angle or swing-out, corrosion-resistant	
4	Max Speed: $\geq 4,000$ –5,000 RPM	
5	RCF: $\geq 3,000$ g	
6	Digital display: Speed (RPM) & Time	
7	Timer: 0–30/60 min	
8	Brushless motor, microprocessor controlled	
9	Smooth acceleration & braking	
10	Safety: Lid interlock, imbalance detection, overspeed cut-off	
11	Noise level ≤ 60 –65 dB	
12	Power: 230V $\pm 10\%$, 50 Hz	
13	Operating temp: 10–40°C; Humidity $\leq 80\%$ RH	
14	Accessories: Rotor, tube adapters, manual, dust cover	
15	Quality: CE certified, ISO 13485/9001 manufacturer	
16	Warranty: Min. 2 years; installation & training included	
17	Documents: Brochure, compliance sheet, certificates	

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Technical Specifications for Automatic Tissue Processor

Sl. No	Parameter	Specification	Bidder Compliance (Yes/No)
1	Model Type	Automatic Tissue Processor with Vacuum & Fume Control	
2	Tissue Capacity	Up to 300 cassettes	
3	Number of Stations	12 stations (10 reagent + 2 wax)	
4	Reagent Capacity	Minimum 1 Lts liters per station	
5	Wax Bath Temperature	Ambient to 65°C (adjustable)	
6	Vacuum System	Integrated vacuum infiltration system	
7	Fume Control	Activated charcoal filtration with exhaust option	
8	Processing Cycles	Up to 10 programmable cycles	
9	Agitation	Automatic intermittent agitation	
10	Reagent Management	Reagent rotation and usage tracking	
11	Display	LCD graphical interface	
12	Safety Features	Lid lock, reagent level monitoring, over-temp protection	
13	Power Requirement	220–240V AC, 50 Hz	
14	Service & Warranty	<ul style="list-style-type: none"> Warranty: Comprehensive warranty covering all parts, labor, and accessories for a period of 5 years. 	
		<ul style="list-style-type: none"> Comprehensive Maintenance Contract (AMC): Availability of a separate quote for a Comprehensive Maintenance Contract (CMC) for 5 years after the warranty period. All components of CMC included in the bid. 	
		<ul style="list-style-type: none"> Installation and Training: Installation, commissioning, and on-site application training for lab personnel should be included. Cost of TA/DA for engineers & imparting training shall be borne by the supplier. 	
		<ul style="list-style-type: none"> Service Response: service support from the company in Imphal or NE India and should be ready for on-site servicing within 72 hours of service calls(first intimation). 	
15	Experience	At least 10 no. of installation should be in North Eastern India	

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Technical Specifications for Rotary Microtome		
Sl. No.	Required Specification	Bidder Compliance (Yes/No)
1	Manual Microtome with specimen feed system	
2	Section thickness feed to the specimen from 0.5-60µm with increments.	
3	Specimen feed of 25mm and vertical stroke length of 59mm and blade holder setting angle up to 10° with marking of 0, 5 and 10° in the blade holder.	
4	With X/Y directional specimen orientation and quick clamping system for specimen clamps	
5	User selectable coarse feed wheel turn direction	
6	Specimen retraction in the return stroke and can be turn on & off.	
7	Section thickness indication by visual display.	
8	Coarse feed manual via coarse feed hand.	
9	Dedicated Nob Mechanical trimming thickness selection of 10 and 50µm	
10	User selectable coarse feed turn direction clock or counterclockwise.	
11	Precise specimen orientation of ±8° in X-Y with anti-tilt feature.	
12	Knife holder base with lateral displacement for disposable blades.	
13	Should be supplied with Universal cassette clamp with adapter.	
14	Should have 12 O' Clock locking by simply pulling the handle so rest the specimen holder at upper position for fixation of another block.	
15	Disposable Blade holder with finger guard protection.	
16	Blade holder for both High profile blades and low-profile blades setting.	
17	A Standard specimen clamp should be provided with the instrument.	
18	Hand rest for easy sectioning.	
19	At least 20 no. of installation should be in North Eastern India including minimum 10 installation in Govt. Institution. Previous Installation of machine in Manipur is desirable.	
20	Should have dedicated Service Support directly from the OEM for East India, preferably North East India with good after sales service team from factory trained engineers. should be ready for on-site servicing within 72 hours of service calls(first intimation).	
21	Warranty: Comprehensive warranty covering all parts, labor, and accessories for a period of 5 years.	
	Comprehensive Maintenance Contract (AMC): Availability of a separate quote for a Comprehensive Maintenance Contract (CMC) for 5 years after the warranty period. All components of CMC included in the bid.	
	Installation and Training: Installation, commissioning, and on-site application training for lab personnel should be included. Cost of TA/DA for engineers & imparting training shall be borne by the supplier.	
	Service Response: service support from the company in Imphal or NE India and should be ready for on-site servicing within 72 hours of service calls(first intimation).	

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