



SAST/CLPC/ACU-AHRC/ 28 /2026-27

Date:20.05.2026

### TENDER NOTIFICATION


The Head, CLPC, Sri Adichunchanagiri Shikshana Trust invites closed tenders from eligible tenderers or bonafide licensed manufacturers (OEM) or their authorized local supplier/ dealer/ distributor in the state of Karnataka for the **Procurement of Equipment's for the department of Disease Control, Prevention & Research at Adichunchanagiri Hospital and Research Centre, BG Nagara - 571448, Mandya (District).** as per section I & II.

01	Name of the work	Procurement of Equipment's for the department of Disease Control, Prevention & Research at Adichunchanagiri Hospital and Research Centre, BG Nagara - 571448, Mandya (District).
02	Last Date for Tender Submission	On or before 26.025.2026 5.30 PM (Tender Submission to this mail id <a href="mailto:clpcheadtender@bgscet.ac.in">clpcheadtender@bgscet.ac.in</a> is Mandatory).

### Section-1

#### Instructions to Tenderers

- 1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: [clpcheadtender@bgscet.ac.in](mailto:clpcheadtender@bgscet.ac.in) on or before the last date of tender submission (for any or all list of items) on professional business letterheads only. The details to be printed on the letter head is as follows
  - i) Tender for Procurement of Equipment's for the department of Disease Control, Prevention & Research at Adichunchanagiri Hospital and Research Centre, BG Nagara - 571448, Mandya (District).
  - ii) Tender Reference number..... [Insert Number]
  - iii) Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshmpuram, Bengaluru - 560086"
  - iv) The tenderer shall submit the original documents to this office on the last day of submission for verification who prefers to submit the tender through Post can dispatch the same through Registered post / Speed post or Couriers as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not be considered and the authority, Head of CLPC will not be liable or responsible for the same.
- 2) **Tender Currency:** Prices shall be quoted in Indian Rupees only.
- 3) **AMC/CMC (IF ANY)** is subject to the Sri Adichunchanagiri shikshana trust's norms.
- 4) **Warranty:** 3 Years.

  
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- 5) **Amendment of tender documents:** At any time prior to the deadline of submission of tenders the trust may, for no reason, whether as its own initiative or otherwise modify the tender documents by amendment. Sri Adichunchanagiri Shikshana Trust reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.
- 6) **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 years of ITR declaration inside the envelope and the company contact details with email id on the in the below mention format in annexure - 1.
- 7) **Tender Prices:** Prices indicated on the price schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and the other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if the contract is awarded. Conditional tenders will not be considered. The bidder has to give the quotation in the below enclosed format in annexure - 2.
- 8) **Validity of the Bid:** 90 days from the last date of submission of bid.
- 9) **Corrupt or Fraudulent practices:** Sri Adichunchanagiri Shikshana Trust requires that the tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In purchase of this policy:
  - a) Will reject a proposal for award if it determines the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
  - b) Will declare a firm ineligible, either indefinitely or for the stated period of time, to be awarded a university contract if it any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a trust contract.
- 10) **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of contract will not be disclosed to tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a tenderer to influence the employer's processing of tenders or award decisions may result in rejection of his tender.
- 11) **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of tenders the employer may, at his discretion, ask and tenderer for clarification of his tender, including breakdowns of unit rates. The request for clarification and the response shall be writing or by cable, but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the employers in the evaluation of the tenders.
- 12) **Delivery:** The successful BIDDER should commence the service as per the tender document/work or purchase order. For any queries or assistance, please write to

[clpchead@bgscet.ac.in](mailto:clpchead@bgscet.ac.in) or telephone to +91- 8123707324.



- 13) **Penalty Clause:** Non-execution of supply order – for the reasons of failure to supply partially or completely within the stipulated time or any event of breach of contract. In case at any following stages
- For the delayed supply (3 days of grace period) – 5% deduction
  - Quantity issues – 5 % deduction
  - Quality issues – 10% deduction

### Section-2

#### Technical Specification

SL. No	Description	Qty in Nos	Rate per unit in Rs	Total amount per unit in Rs
1.	Real Time PCR System –	1		
2.	Laminar air Flow (Laf)	1		
3.	Refrigerators & Deep Freezers –	1		
4.	Mini Centrifuges, Micropipettes –	1		
5.	Vortex,	1		
6.	Microplate shaker	1		
7.	Nanodrop (for ma/cDNA quantification)	1		
8.	PCR plates/PCR tubes like strips/pcr tubes (250 micrometre)	1		
9.	Micropipettes 0.1-2.5 microlitre, 0.5 to 10 microlitre, 20-200 microlitre, 100 to 1000 microlitre	1		
<b>Total Amount in Rs.</b>				
<b>Total Amount in INR:</b>				

S.N	Tender Technical Specification-Real-Time PCR System
1	Real-Time PCR system capable of qualitative and quantitative detection of nucleic acids and discovery of genetic variations. The equipment should be with inbuilt stand-alone analysis capabilities for quantification, genotyping and expression studies and also compatible with laptop/desktop computer. Should have multifunction LED indicator bar at front for instrument status monitoring.
2	The equipment should have inbuilt - interactive touch screen to run an experiment with options for adjustable angle of rotation on one-axis between 12 ° and 55 ° for better visualization & color blind compatible data accessibility. The block lid should have motorized movement for smooth plate set up.
3	System should have on system memory storage function for at least runs 1000 runs
4	System should come with fixed block compatible for tubes or 96 well plate, Instrument should have Real-time fluorescence detection, Minimum 6 detection channels.
5	System should be Gradient enabled. Capacity to test eight temperatures at once to quickly determine the optimal annealing temperature
6	Minimum six excitation and Six emission channels Each filter should correspond to one color that ensures smooth differentiation of dyes having high degree of spectral overlap. Excitation -Emission range: 450- 730nm with capacity to detect 5 or more different fluorescent reporters in the same tube, Optics independently illuminates and detects fluorescence from each well with the same LED/detector pair per channel. The system should have six filtered LEDs for illumination and differentially detects emission using six filtered photodiodes (one for each channel plus FRET).
7	System should be pre-calibrated for detecting FAM/SYBR® Green I, VIC/Hex/Yellow/JOE/TET, ROXTM, Texas Red , CAL Fluor Red 610, TEX 615,CYS, CY 5.5, Quasar 670, Quasar 705) and capable of calibration for new dye without hardware and filter change
8	System should come with factory calibration optics, hence there is no periodic calibration required, System must have fixed optical path, directly over each well, eliminates the need to normalize for positional bias.
9	System should be able to collect data for all filters for all wells regardless of place setup
10	Temperature range of thermal block should be 4– 100 ° C and temperature accuracy should be about ±0.2 ° C and temperature uniformity of ±0.3 ° C.
11	Ramping speed up to 5 ° C per sec and average ramp rate 3. 3 ° C.
12	Peltier based Cooling & Heating for uniform temp control across the samples
13	No internal reference dye should be required. True 5 Color Multiplexing with use of 5 different fluorophores without the need of addition of any internal reference dye,
14	Excitation source should be LED & detection with filtered Photodiode
15	System should have wide dynamic range, up to 10 orders.
16	Open system capable of running various chemistries so that Different chemistries using TaqMan, Molecular Beacon, SYBR green etc can be performed.
17	Sensitivity of the system demonstrated down to 1 copy with as little as 1.3-fold changes in target quantities in single-plex reaction
18	Instrument need not to be required to do dye calibration in future. (Factory- calibrated optics).
19	Should have multiple scan modes with a FAST scan option for reading all wells in 3 seconds
20	Should be able to run automatic allelic discrimination by end point fluorescence or threshold cycle for upto 5 fluorophores
21	Should have capacity to run Melt curve analysis with high resolution melting as optional feature
22	Should be capable to perform dye binding thermal shift assays for protein unfolding analysis.
23	The amplification traces should be viewed on the LCD screen in real time while a run is in progress with touch screen facility
24	System software should offer flexibility for connectivity with Wi-Fi, local network file access, and cloud based remote access in addition to USB
25	The system should enable remote experiment setup and data management, flexibility to use anywhere and at any time; increasing instrument availability to enable users to eliminate the instrument PC
26	Dedicated licensed full version software for variety of analysis applications including absolute quantification, relative quantification, allelic discrimination, FRET and high resolution melt curve analysis Simultaneous viewing of amplification plot & QC summary to easily identify & eliminate outliers System should be compliant with the MIQE Guidelines.
27	The system Software should be capable of data collection, perform data analysis like t-Test, one way Anova in few mouse clicks.
28	The system Software should be able to generate publication ready bar charts, volcano plots, box & whisker plot & annotate with p values.
29	System should have 1 year warranty.
30	Gene expression analysis by relative quantity ( $\Delta Cq$ ) or normalized expression ( $\Delta\Delta Cq$ ).
31	Software should performs t-tests and 1-way ANOVA calculations
32	PCR quantification by standard curve features automated calculations of reaction efficiencies with y-intercept





1 Laminar air Flow (Laf)

Sl. No.	Item Description	Qty
01.	<p>LAMINAR AIR FLOW Model: IG-LAF32</p> <p>Dimensions (ft) : 3 x 2 x 2 Dimensions (mm) : 915 x 610 x 610 HEPA Filter Size: 3ft x 2ft x 3inch (1 No.)</p> <p>Air flow direction : Vertical and Horizontal Air cleanliness : Class 100 Construction : SS / Powder coated MS / GI sheet Sash (front door) : Manual/ Motorized sliding type (Acrylic transparent and toughened glass) Side panels : Acrylic / polycarbonate / SS Air velocity : 0.4 m/s to 0.6 m/s/ 0.45m/sec Illumination : Fluorescent or LED light/ UV light (800lux, glare-free Noise level : 65 ±5 dB Power supply: 220 volts / 50 Hz Air filtration : · HEPA filter (0.3 Microns) · HEPA filter (0.3 Microns Standard fittings : UV Light on/off switch, Blower switch · UV Light on/off switch, Blower on/off switch switchOptional Optional Optional : · LCD display for velocity, time &amp; lamp on/off · UV Germicidal lamp · UV Hour meter · Magnehelic gauge · Extra power outlet switch · Foot rest · Levelling legs for stand · DOP HEPA filter testing DOP HEPA filter testing</p>	1 No

## 2 Refrigerator

Sl. No.	Item Description	Qty
02.	<p>Cole-Parmer Upright Refrigerator, 2 to 8C, 13.8 cu ft; 230 VAC, 50 Part No. 1634020</p> <ul style="list-style-type: none"> <li>• Freezer Capacity (cu ft)13.8</li> <li>• Freezer Capacity (Liters)390</li> <li>• Min Temperature - Freezer (° C)8</li> <li>• Max Temperature - Freezer (° C)2</li> <li>• Temperature ControlMicroprocessor</li> <li>• Freezer Interior Width (cm)53</li> <li>• Freezer Interior Height (cm)138</li> <li>• Freezer Interior Depth (cm)55.5</li> <li>• Exterior Width (cm)66.5</li> <li>• Exterior Height (cm)196.5</li> <li>• Exterior Depth (cm)71</li> <li>• Number of Doors1 outer</li> <li>• Number of Shelves7</li> <li>• DisplayLED</li> <li>• Power (VAC)230</li> <li>• Power (Hz)50</li> <li>• DescriptionStableTemp 13.8 Cu Ft 2-8°C Upright refrigerat 230 VAC, 50 Hz</li> </ul>	1 No

## 3 Deep Freezer

	<p><b>StableTemp -86°C Ultra-Low Temperature Upright Freezers</b> These ULT freezers are designed to meet your cold storage needs down to -86 °C. Built with temperature stability and energy savings in mind each is designed for optimal efficiency with minimal temperature loss.</p> <ul style="list-style-type: none"> <li>• The cabinet consists of high performance insulation panels that minimize heat gain improving temperature stability.</li> <li>• Eye-level controls for quick programming and easy viewing</li> <li>• Individually sealed inner doors minimize frost buildup and temperature loss when open</li> <li>• Outer door has four gaskets for maximum thermal efficiency</li> <li>• Heated pressure equalization port for easy door opening</li> </ul>	1 No
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4 Mini Centrifuge

SL. No.	Item Description	Qty
04.	<p>Low-speed Centrifuge Model: D1012UA Make: DLab</p> <p>Features</p> <ul style="list-style-type: none"><li>• Max.Speed 10000rpm (7490xg) ;</li><li>• OLED display, may switch speed and time;</li><li>• DC motor drive, smooth and quiet operation ;</li><li>• Safe,endurable and robust rotor with clamp locking design, easy to operate ;</li><li>• Wide voltage technology : the speed is not affected by voltage fluctuations, high speed accuracy ;</li><li>• Compatible with 0.5/1.5/2mL×12 tubes+4×PCR8 strips, 0.2mL×44 PCR tubes;</li><li>• Screen buttons can adjust the start/stop of the motor, supports both soft braking and instant stop modes ;</li><li>• Simple appearance and structure, only weight 1.5Kg.</li><li>• Max. RCF: 6708×g-1.5/2mL ; 6596-7490×g-PCR8 strips</li><li>• Rotor Capacity: 0.2mL×44 PCR tubes 0.5/1.5/2mL×12+ 0.2mLPCR 8 strips×4</li><li>• Run Time: 10s-20min</li><li>• Driving Motor DC motor: DC motor</li><li>• Power Requirements: AC100-240V/50Hz/60Hz 40W</li><li>• Noise Level: ≤58dB</li></ul> <p>HSN Code: 84433220</p>	1 No

## 5 Micropipettes [ 0.1-3,2-20,20-200,100-1000ul ]

Item No.	Item Description	QTY
i.	mLINE® Mechanical Pipette, 1-ch, 0.3-3 µl Part No. 725010	1 No
ii.	mLINE® Mechanical Pipette, 1-ch, 2-20 µl Part No. 725030	1 No
iii.	mLINE® Mechanical Pipette, 1-ch, 20-200 µl Part No. 725060	1 No
iv.	mLINE® Mechanical Pipette, 1-ch, 100-1000 ul Part No. 725070	1 No

## 6 Vortex

Sl. No.	Item Description	QTY
06.	<p>Vortex Mixer with Adjustable Speed Model : MX-S Make: D Lab</p> <p>Features:</p> <ul style="list-style-type: none"> <li>• Touch operation or continuous mode</li> <li>• Variable speed control from 0 to 2500rpm</li> <li>• Used for various mixing applications with optional adapters</li> <li>• Specially designed vacuum suction feet for body stable</li> <li>• Robust aluminum-cast construction</li> </ul> <p>Specifications:- Voltage : 110~120V/220~230V,50/60Hz Power: 60W Mixing motion : Orbital Orbital diameter : 4mm Motor type : Shaded pole motor Motor rating input : 58W Motor rating output : 10W Speed range : 0~2500rpm Run type: Touch operation/ContinuousMax. Dimension[W×H×D] : 127×130×160mm Weight: 3 Permissible ambient temperature : 5~40oC Permissible relative humidity : 80% Protection class IP21</p>	1 No





7 Microplate shaker

Sl. No.	Item Description	QTY
07.	<p>Microplate Mixers Model : MX-M Make: D Lab</p> <ul style="list-style-type: none"><li>• A wide range of speed from 0 to 1500rpm</li><li>• Used for various mixing applications with optional adapters</li><li>• Maintenance-free brushless DC motor</li><li>• Shaking movement Orbital</li></ul> <p>Specifications:- Orbital diameter : 4.5mm Max. shaking weight : (with accessory) 0.5kg Motor type : Brushless DC motor Motor rating input : 18W Motor rating output : 10W Speed range :Single microplate: 0~1500rpm Double microplate : 0~1000rpm Speed display: Scale Voltage: 100~240V,50/60Hz Power: 20W Dimension: 260×150×80mm Weight: 3kg Permissible ambient temperature and humidity : 5~40oC,80% Protection class IP21</p>	1 No

8 Nanodrop (for ma/cDNA quantification)

Sl. No.	Item Description	Qty
08.	<p>Nanodrop (for ma/cDNA quantification) Make: EzDrop Model: EzDrop 1000</p> <ul style="list-style-type: none"><li>• Minimum Sample Volume</li><li>• 1 µL</li><li>• Pathlength</li><li>• 0.5 mm / 0.05 mm</li><li>• Light Source</li><li>• Xenon flash lamp</li><li>• Detector Type</li><li>• 2048 element CMOS</li></ul>	1 No



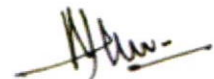
	<ul style="list-style-type: none"><li>• Wavelength Range</li><li>• 190 - 1000 nm</li><li>• Wavelength Accuracy</li><li>• <math>\pm 1.0</math> nm</li><li>• Spectral Resolution</li><li>• 1.5 nm (FWHM at Hg 253.7 nm)</li><li>• Absorbance Precision</li><li>• Raw: 0.0015 A (0.5 mm); 0.03 A (1 cm equivalent)</li><li>• Absorbance Accuracy</li><li>• 1.5% at 1.0 A at 300 nm</li><li>• Absorbance Range (1 cm equivalent)</li><li>• 0.04 - 400 A</li><li>• Detection Range</li><li>• dsDNA: 2 - 20000 ng/<math>\mu</math>L; BSA: 0.06- 600 mg/mL</li><li>• Measurement Time</li><li>• &lt; 3 seconds</li></ul>	
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9 PCR plates/PCR tubes like strips/pcr tubes (250 micrometer)

Sl. No.	Item Description	Qty
09.	<p>Cole-Parmer 0.2ml PCR Tubes with Flat Cap Single Sterile(1000 tubes/Bag, 10 Bags/Case) Part No. 1597277</p> <ul style="list-style-type: none"><li>• Capacity 0.2ml, single</li><li>• Description 1000 tubes/bag; 10 bags/case. Total: 10000 tubes</li></ul>	1 No

**Annexure - 1****PARTICULARS OF THE BIDDER**

<b>Sr. No</b>	<b>Description</b>	<b>Details (to be filled by the responder to the Bid)</b>
1	Name of the company	
2	Official address	
3	Phone No. And Fax No.	
4	Corporate Headquarters Address	
5	Phone No. And Fax No.	
6	Web Site Address	
7	Details of Company's Registration (Please enclose copy of the company registration document)	
8	Name of Registration Authority	
9	Registration Number and Year of Registration	
10	ISO certifications and its validity	
11	GST registration No.	
12	Permanent Account Number (PAN)	
13	Company's Revenue for last 3 years (Year wise)	
14	Company's net worth for the last year	
15	Bank Details (Name, Account no., Branch, IFSC, MICR)	



**Annexure - 2**

The Bidder has to quote the rate in the Item Data available online with this bid. Details to be filled up for price bid are as below:

**The price shall be inclusive of all taxes (inclusive of GST) under the relevant Laws of India.**

SL. No	Particular	Amount In Rs. (Inclusive of All the taxes)
1	Procurement of Equipment's for the department of Disease Control, Prevention & Research at Adichunchanagiri Hospital and Research Centre, BG Nagara - 571448, Mandya (District).	
<b>Total in Rs and in words -</b>		



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