

**GOVERNMENT OF TELANGANA
(MEDICAL EDUCATION DEPARTMENT)**

Rc.No.CS-1/1933/2019

Dated: .10.2019.

Tender Form No:

Cost of the Tender Form Rs.1000 (Incl.S.Tax)

Sealed Tenders are invited to purchase of Following Equipments i. e (12) items for General and Culture Facilities (List Enclosed) to VRDL Department, KMC, Warangal, are as mentioned in the Annexure-I.

The E.M.D. is fixed as detailed below:

Sl. No	Name of the item Deposited	Annexure	E.M.D. to be
1.	Equipments i. e (12) items for General and Culture Facilities (List Enclosed) to VRDL Department, KMC, Warangal	Annexure – I (specification list Enclosed)	Rs. 10,000/-

1. The Tenders should quoted the rates of different items in the tender forms supplied by this office.
2. The rates should be quoted in the original tender schedules supplied by this office.
3. Tenders to Supply of Following Equipments i. e (12) items for General and Culture Facilities (List Enclosed) to VRDL Department, KMC, Warangal, should be according to the lists Enclosed to this tenders form only, submit with specifications.
4. The tenders should quote the details as per name i.e., (List Enclosed).
5. The Tenderers should mention for Supply of Following Equipments i. e (12) items for General and Culture Facilities (List Enclosed) to VRDL Department, KMC, Warangal, Mention the due date on top of the cover.
6. The Tenders should submit the in a sealed cover.
7. The E.M.D will be converted in to security deposit in case of successful tenders and the same will be deposited in the college till the end of the tender period.
8. The Tender holds good for one year from date of commencement of the tender.
9. The E.M.D of the unsuccessful tenderers will be returned after the finalization of the Tenders process.
10. The tender without E.M.D. will summarily be rejected.
11. The E.M.D will not earn any interest.
12. The Tender should necessarily be deposited the E.M.D. as mentioned above through the D.D. only (Cheque are not accepted) Drawn in favor of the Principal K.M.C, Wgl, from any Nationalized Bank.
13. The successful tenders should supply the material on demand with as per approved Brand specifications within (15) days from the date of receipt of order as placed by the college.

14. **The quoted rate should be inclusive of all taxes i. e including VAT/GST (Including all other taxes) and other incidental charge if any F.O.R K.M.C Warangal.**
15. The tender form without signature on every page of the authorized Firms / Supplier will not be Considered.
16. **The Principal K.M.C Warangal reserved the right to reject any tender without Assigning any reason thereof.**
17. The date of commencement or sale of tender forms is from **Dated: 21-10-2019 to Dt:31 -10-2019**, between 11AM To 4 PM on payment of Rs.1,000 = 00 in the shape of DD.
18. The last date submission of Tender form is **Dated: 01 -11 -2019 up to 4.00PM.**
19. The date of opening of the tender form is **Dt:- 05-11-2019, at 11.00 A.M**, in the Chamber of the Principal KMC, Warangal in the presences of Tenderers of their Authorized Firms & Suppliers. The Tenderer should come with their own costs. If any tenderer remains Absent, the College Administration will not be responsible and no separate Intimation will be issued.
20. The Item will be damaged or not functioned properly within stipulated time held Responsible by company service engineers and submit warranty/Guarantee period for supply of equipments.
21. The tenders received after the due date will not be accepted or entertained under any Circumstances.
22. Any legal disputes subject to the jurisdiction of Warangal courts.
23. Address for correspondence is the Principal KMC Warangal.

**PRINCIPAL
KAKATIYA MEDICAL COLLEGE
WARANGAL.**

General and Culture Facilities:

Sl. No	Name of the Equipment	Companies
1.	Biosafety cabinet	ESCO Global, Haier Bio Medical, Thermo Fisher Scientific
2.	Centrifuge – Refrigerated high speed	Hettich India Pvt. Ltd, Eppendorf AG, REMI LAB World
3.	Autoclave	Modis Enterprise pvt.Ltd., Enclave, Accumax India
4.	Laboratory Incubator	Nuve, Thermo Fisher Scientific
5.	Label Printer	Brady Worldeide Inc., Epson India, Casio India
6.	Miscellaneous equipments	Tarsons product Pvt. Lt, Axygen Scientific, Sartorius AG, Corning Technologies India Pvt.Ltd.,
7.	Laminar air vertical flow 2 feet	ESCO GLOBAL, Haier Bio Medical, Thermo Fisher Scientific
8.	PH meter	Thermo Orion, Sartorius AG, Lab India Pvt.Ltd.
9.	Desktop computer with printer (dedicated VRDL Data entry, inventory, e-mail, etc)	Dell India, HP India, LG India.
10.	Multifunctional copier/printer/ scanner (for office work)	Cannon India, HP India, Epson India, Xerox Inc.
11.	Refrigerator (Sample receiving, temporary storage)	Samsung India, LG India, Whirlpool
12.	Microwave Oven (For agarosegels)	Samsung India, LG India, IFB

GOVERNMENT OF KERALA - Medical Education Department

Ref No. CS-1/19330019

TENDER NOTIFICATION

Date: 18.09.19

Sealed tenders are invited from the approved Dealers towards purchase of Rawony (Syrup), 172 items for General and Out-patient Clinics, as enclosed to Vigil Officers and Corporate Administrators, VEDS, Department, Kerala Medical College, Marangal, Medical Services, and Corporate Administrator, No. 1,000, Thrippunithura, Cochin, Kerala. Sealed Bids/Orders will be accompanied with Tender Form, the same will be available in Marangal, Kerala, at the Office of Tender Registrar, from 04.21.19 to 20.09.19, 11.00 AM to 4.00 PM. 1. Last date of Receipt of Tender: 04.01.2019 up to 4.00 PM. 2. Opening of Tender: 04.05.19 20.19 in the presence of Tender KMC, VEDS, at 11.00 AM.

Order No. 19330019/2019/20

Sd/- Principal,
Kerala Medical College, Marangal.

THE **HANS INDIA** Sat, 19 October 2019
<https://epaper.th>



EQUIPMENTS LISTED UNDER GENERAL & CULTURE FACILITIES:

1) Biological safety cabinet:

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Certification	:	NSF 49/EN1249 or Equivalent standard
Design	:	Approximately 4 Feet length X 2 feet Depth; Bio safety cabinets Class II, Type A2; 304 stainless steel interior; Epoxy-coated steel exterior; Removable, seamless, dished work surface with lift out knobs Door- Fully closing, clear 1/4" tempered safety glass sash Counter balanced with base stand.
Circulation	:	Class 100, Supply and exhaust through HEPA filters. Inflow velocity of 105 fpm (0.5 m/sec), Down flow velocity of 55 fpm (0.3 m/sec), 70 % air recirculation
Light	:	UV and sufficient illumination for work space.
Gauges	:	For monitoring the condition of all HEPA filters as well as work space.
Services Required	:	Installation & onsite validation; Calibration certificates; Manuals: Operation, maintenance & part list with detailed specifications; Operational & maintenance Training.
Power Supply	:	Should include 210-240V/50 Hz
Recommendation	:	Bio safety cabinets of Class II, Type A2 is recommended for all Viral Research Diagnostic labs (VRDL). Type B2 biosafety cabinets are recommended only for Biosafety Level 3 work

2) Refrigerated high speed centrifuge

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Certification	:	CE or UL certified or conformity
Temperature range	:	European -4 to +40°C
Speed	:	14000 RPM or more
Display	:	Digital for temperature for air and chamber, time and RPM/RCF, Microprocessor controlled
Drive system	:	Brushless drive
Programmable	:	Programs-90-99 and with program recall facility
Rotors	:	Fixed angle rotor: 24x1.5-2.0ml
Optional Rotors	:	Fixed angle rotor: 24X1.5 ml tubes, 250 ml, Swing out Rotor and adapters for: 5-10 ml tubes, 15ml, 50ml and 250 ml tubes, micro plate.
Power Supply	:	210-240V/50-60 Hz or Suitable power supply
Warranty	:	5 years from till date of installation.
AMC	:	5 years from date of expiry of warranty.

3) Vertical Autoclave

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Fully automatic vertical autoclave, suitable for sterilization under working steam pressure up to 15 PSI or more and temperature of 121°C or more.

Design	:	Unit made of SS 304 chamber, approx inner dimensions 16" to 25" (diameter x depth). Lid made of heavy gauge lid, die pressed S.S.304 with pressure gauge, steam release valve & necessary Safety valves, with foot lifting arrangement to open lid, programmable, with all functional accessories.
Capacity	:	70 to 80 lit
Display	:	Time and temperature LCD display
Alarm	:	Low water level alarm and cut off / Sensor open alarm
Accessories	:	Perforated carriers made up of SS 304 (3-4 Nos.)
Power Supply:		220/230 volts AC-50 Hz or Suitable power supply

4) BOD Microbiological Incubator (28°C)

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Double walled body with inner chamber of Stainless Steel and outer galvanized steel with non- corrosive epoxy powder coated; full view glass door.

Capacity	:	100-120L with an internal fan for uniform air circulation
Inner chamber	:	3-4 shelves and with illumination
Temperature	:	Control: microprocessor based with digital display, Range: 5°C to 50°C with an accuracy of +/-0.5°C Uniformity: +/-1.0°C throughout the chamber
Door alarm	:	Low/high temperature alarm
Cooling	:	CFC free refrigeration
Power Supply	:	210-240V/50-60 Hz

7) Laminar Air Flow (2 feet)

General: Tender is invited from reputed original manufacture or their authorized agents/dealers only. Information regarding installation in India and satisfactory service and maintenance may be forwarded with all the details for verification.

Technical:

Certification	:	EN12469 OR equivalent
Design	:	Vertical laminar flow cabinet; Approximately 4 Feet length X 2 feet depth, 304SS interior, epoxy/powder coated exterior Door fully closing with hinged sash; Support stand, solid one piece dished work surfaces
Circulation	:	Down flow velocity of 40-70 fpm, ISO Class 5 or higher air

Filters	:	HEPA filter, (99.99% efficient on particles 0.3 micron)/ULPA filter (efficiency of >99.999% at 0.1 to 0.3 micron sizes) provided with pre-filter)
Light	:	UV and sufficient illumination for work space
Gauges	:	For monitoring the condition of all HEPA filters as well as work space.
Power Supply	:	Should include 210-240V/50-60 Hz

8) Digital pH Meter

Technical Specifications: Must be of reputed brand, from manufacturer/Authorized dealer having installation in reputed institutes/firms.

Design	:	Compact, Table top
Electrodes	:	Dual
Capability	:	To measure pH, Temperature, mV & relative mV
pH	:	Range 0 to 16.00, pH, Accuracy, + 0.01 Resolution 0.002
Temperature	:	Approximately 0 to 120o C, Accuracy + 0.5o C
MV/Rel.mV	:	+ 1999, Resolution 0.1
Display	:	LCD for pH and temperature readings simultaneously
Buffer	:	Unit able to recognize auto buffer along with custom buffer options
Calibration	:	Automatic as well as manual
Temperature Compensation	:	Automatic
Power Supply	:	Should include 210-240V/50-60 Hz

9) All in one Desktop Computer with Printer

Technical specifications: Must be of a reputed brand, from manufacturer/authorized dealers having installation in reputed institutes/ firms, preferably in Maharashtra and service centers located in India. Necessary evidence to be provided.

Hardware:

1. Operating System	:	Windows 8 (64-bit)
2. Processor	:	3rd Generation Intel Core i7 - (2.4 GHz / 6 MB L2 Cache) or better
3. Motherboard	:	Intel Chipset (or) ASUS
4. RAM	:	6 GB DDR-3 or more
5. Hard-Drive	:	500 GB SATA (or more), 7200 RPM (or) 500 GB SSD
6. Graphics Card	:	NVIDIA GeForce with Dedicated 2GB Video Memory with HDMI In & Out
7. Monitor	:	21" Full HD 0.28 pitch Anti-Glare with optional 10 point touch
8. Optical Drive	:	Integrated DVD RW 52X drive
9. Accessories	:	USB 3.0 ports, USB 2.0 ports, Card Reader, Integrated Speakers, Web-Camera
10. Security	:	Integrated Finger Print Reader
11. Network	:	10/100/1000M LAN, 802.11 b/g/n Wi-Fi with optional Bluetooth
12. I/O Devices	:	Wireless Keyboard and Mouse

Software:

1. System Recovery manager
2. System Security and Protection
3. DVD Burner/Label Creator
4. Microsoft Office 2008
5. Chrome Browser

6. Adobe PDF (or) PDF Exchange Viewer

Power Supply : Should include 210-240 V/50-60 Hz

10) Photocopier cum scanner machine

Technical specifications: Must be of a reputed brand, from manufacturer/authorized dealers having installation in reputed institutes/ firms, preferably in Maharashtra and service centers located in India. Necessary evidence to be provided The machine should be of compact design, programmable and PC compatible

Copies per minute : 20-25 cpm
Resolution : scan copy and print should be 600X600 dpi. 1200 x 600 dpi & 1200 x 1200 dpi
Magnification : Range 25% to 400% - Platen, 25% to 200% - Feeder (in 1% increments)
Document Feeder : Automatic
User interface : Touch-screen panel
Connections : USB 2.0
Network printing :
Memory : RAM 1GB or more; HD 80 GB or more
Power Supply : Should include 210-240V/50-60 Hz

11) Laboratory Refrigerator

Technical specifications: Must be of a reputed brand, from manufacturer/authorized dealers having installation in reputed institutes/ firms, preferably in Maharashtra and service centers located in India. Necessary evidence to be provided.

Design : Double door refrigerator, Inner chamber stainless steel 304 grade, Door locking system, magnetic door gasket, adjustable shelves , auto defrost facility.
Capacity : 275-300 L
Refrigerant : CFC Free
Controls : moisture and humidity
Alarm & Indicator : audio-visual alarm for door open and temperature fluctuation compressor on/off indicator
Power Supply : Should include 210-240 V/50-60 Hz

12) Microwave Oven

Design : Chamber dimension – (WXHXD) app. 12 X 7 X 13 Inch. Stainless steel chamber with ceramic interior, see-through panel in door. Audible tone signals after finishing the programme operation.
Heating Mode : Non Convection ,non grill
Timer : Electronic; Adjustable upto 30 mins
Display : LED/LCD with selectable power level
Power Supply : Should include 210-240 V/50-60 Hz