



महाराष्ट्र शासन
शासकीय वैद्यकीय महाविद्यालय, वारामती,

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प्लॉट नंबर पी १०७, एमआयडीसी एरिया, महिला रुग्णालयासमोर वारामती ४१३१३३, तालुका-वारामती जिल्हा-पुणे, महाराष्ट्र

तात्काळ Online Quotation जा.क्र.शावैमवा/खवि/कोविड/ 1075/20 दि.०2/०५/२०२०

प्रति,

विषय : सुक्ष्मजीवशास्त्र विभागास कोविड-१९ तपासणीसाठी आवश्यक असणाऱ्या यंत्रसामुग्री खरेदीसाठी ऑनलाईन दरपत्रके मागवून खरेदी करणेबाबत.

महोदय,

या संस्थेच्या सुक्ष्मजीवशास्त्र विभागाकरिता कोविड-१९ तपासणीसाठी आवश्यक असणाऱ्या वस्तुचा पुरवठा करणेसाठी मोहोरबंद पाकीटात covid19microgmc@gmail.com या मेल आयडी वर पुरवठादारांकडून तात्काळ दरपत्रके मागविण्यात येत आहेत. तरी सदर पत्राद्वारे नमुद केलेल्या विनिर्दिष्टानुसार आपल्या अटी व शर्तीसह दरपत्रके दि.०६/०५/२०२० पर्यंत सायंकाळी ५ पर्यंत कार्यालयीन वेळेत या संस्थेच्या covid19microgmc@gmail.com वर सादर करावीत. वस्तुचे दर सर्व करांसहीत नमुद करण्यात यावे. तसेच वस्तुची विनिर्दिष्टे विभागाच्या मागणीप्रमाणे नमुद करावीत.

Sr.No	Name of Item & Specification	Quantity
1	Attached herewith.	

दरपत्रके मोहोरबंद पाकिटातच covid19microgmc@gmail.com सादर करावी. दरपत्रकावर या कार्यालयाचा पत्र क्रमांक, दिनांक, वस्तुचे नांव व दरपत्रक स्विकृतीचा अंतिम दिनांक नमुद करावा. तसेच सदरची दरपत्रके तात्काळ मागविण्यात आली असल्याने तात्काळ पुरवठा करू शकणाऱ्या पुरवठादारांनीच दरपत्रके सादर करावी. दरपत्रके स्विकारण्याचे सर्व अधिकार संस्थेने राखून ठेवले आहेत.

अधिष्ठाता,

शासकीय वैद्यकीय महाविद्यालय, वारामती.

प्रत : प्राध्यापक व विभागप्रमुख सुक्ष्मजीवशास्त्र विभाग, शासकीय वैद्यकीय महाविद्यालय, वारामती.

Name of Equipment	Quantity
1) Biological safety cabinet	1
2) Refrigerated centrifuge with stabilizer (Remi)	1
3) -20°C Vertical Deep Freezer	1
4) All in one Desktop Computer with Printer	2
5) Photocopier cum scanner machine	1
6) Laboratory Refrigerator(2-8°C) Degree Centigrade	3
7) MiniSpin® plus	3
8) PCR Plate Spinner-Eppendorf	1
9) Vortex Mixer- Bangalore gene	2

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SPECIFICATION OF EQUIPMENTS:

1) Biological safety cabinet Specifications –

Technical:

Certification : NSF 49/EN1249 or Equivalent standard Design : Approximately 3 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 ¼” 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

2) Refrigerated centrifuge with stabilizer (Remi)-C 24 PLUS

Technical:

1. Bench top, compact, Refrigerated Temperature setting: 0 to 40°C 2. Fast Pre cooling and should maintain +4°C at maximum speed 3. Up to 10 programs or more 4. Digital display showing rpm, RCF and time 5. Speed Up to 15000 rpm 6. Rotor for 24X1.5 to 2 ml tubes, 7. Adaptors for 0.5 ml and 0.2 ml tubes 8. Auto balancing in situation of minor imbalance 9. Electrical Requirements: 120V/60Hz and 230V/50 Hz or Suitable electrical supply 10. CE certified or equivalent

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3) -20°C Vertical Deep Freezer

Technical:

Capacity : 200-400 litre Inner shelf : 6-9 Refrigerant : CFC free Temperature control : Micro-processor controlled, Digital display with temperature resolution of 0.1°C Alarms : Low/high temperature, power failure Door closing and locking adjustment : self closing door with key door lock, adjustable leveling feet standard (optional casters) Power supply : 210-240V/50-60 Hz

4) 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

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5) 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 x1200 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

6) Laboratory Refrigerator-2-8 Degree Centigrade

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 : 300-400 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

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7) MiniSpin® plus-

- With fixed angle 'Black Line' rotor for 12 x 1.5mL/2.0mL microtubes
- User selectable speed in short spin mode plus continuous operation
- Quiet operation without rotor lid
- Aerosol-tight rotor as standard
- Converts rpm/RCF
- Short spin key

Technical Specification - Specific

12833252 12313745 Model No MiniSpin® plus Speed, max., rpm 13,400 14,500
RCF, x g [max.] 12,100 14,000 Timer Up to 30min Up to 99min

Technical Specification - General

Capacity, mL 12 x 1.5/2.0 (maximum) Acceleration time, s 13 (to maximum speed)
Deceleration time, s 12 (from maximum speed) Dimensions [w x d x h], mm 225 x
240 x 120 Mass, kg 4.3 (including rotor) Electrical supply 230V, 50/60Hz

8) PCR Plate Spinner-Eppendorf

Designed specifically for centrifugation of PCR or microplates

- » Capacity for two standard plates
- » Rotor designed for rapid start to stop

Speed 6000 rpm

Capacity 2 plates

Dimensions Weight

6" x 6" x 7" 3.5 lbs

Electrical Requirements -120V 60Hz, 240V 50Hz

Adapter for PCR Strip tubes

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9) Vortex Mixer- Bangalore gene

Power (W)-32;Orbital shaking movements , Orbital diameter (mm) -4,

Motor type –Shaded-pole motor,Permissible,On Time-100% Power 30minutes

Speed Range (rpm) – 0-2500

Run Type – Continuous/touch operation

Dimensions (mm) – 127 × 130 × 160

Weight (kg) 2.8

Supply – 220/240 Volts, 50Hz.

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