

महाराष्ट्र शासन  
शासकीय वैद्यकीय महाविद्यालय व रुग्णालय, मिरज  
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जा.क्र./शावैमरुमि/एच.आय.व्ही.व्हायरल लोड प्रयो./दरपत्रके/६६६८/१९

दिनांक:- 23.12.2019

**संस्थेच्या संकेतस्थळावर डाऊनलोड करून ऑनलाईन दरपत्रके मागणी**

**विषय :- एच.आय.व्ही.व्हायरल लोड लॅबसाठी विविध यंत्रसामुग्री व साहित्य खरेदीचे दरपत्रक मागणी...**

**संदर्भ :-** १) एच.आय.व्ही.व्हायरल लोड प्रयोगशाळा समितीची मान्यता दिनांक 20.12.2019  
२) मा.अधिष्ठाता, शावैमवरु, मिरज यांची मंजूर टिप्पणी दि.20.12.19.

खाली नमूद केल्याप्रमाणे शासकीय वैद्यकीय महाविद्यालय व रुग्णालय, मिरज येथील एच.आय.व्ही.व्हायरल लोड प्रयोगशाळा विभागासाठी खालील यंत्रसामुग्री व साधनसामुग्री खरेदी करणेसाठी संस्थेच्या [www.gmcmiraj.edu.in](http://www.gmcmiraj.edu.in) या संकेतस्थळावर यंत्राचे नाव स्पेसिफीकेशन व इतर सर्व माहिती अपलोड केली आहे. त्याचे दर दिलेल्या मुदतीच्या आत या संस्थेत पाठविण्यात यावेत सदरचे दर बाजार भावाशी निगडीत व कमीत कमी असावेत.

अ. क्र.	यंत्राचे नाव	आवश्यक नग संख्या	दर (सर्व करांसह)
1.	Table top laboratory Centrifuge	०१	
2.	Vortex Mixer with digital display	०१	
3.	Pipettes, Single channel (20-200 ul)	०२	
4.	Pipettes, Single Channel (100-1000 ul)	०२	
5.	Refrigerator (2 to 8 Degree C.)	०१	
6.	Table Top Microcentrifuge with 2.0 ml tube rotor	०१	
7.	Table Top Microcentrifuge with PCR Microtitre plate rotor	०१	

सदरहु दरपत्रक या कार्यालयास दिनांक:- ०७/०१/२०२० पूर्वी पोहचणे आवश्यक आहे. सदरहु दरपत्रकाच्या लिफाफ्यावर यंत्राचे नाव नमूद करून दरपत्रक अंतिम दिनांक ०७/०१/२०२० असे नमूद करून योग्यरित्या सिलबंद करून खालील पत्त्यावर पाठवावे.

**"अधिष्ठाता, शासकीय वैद्यकीय महाविद्यालय व रुग्णालय, पंढरपूर रोड, मिरज, जि.सांगली - ४१६ ४१०."**

**दरपत्रक मागवितांना खालील अटी व शर्ती लागू राहतील.**

- १) सदरचे यंत्र ज्या विभागाचे आहे त्यांनी दिलेल्या स्पेसिफीकेन प्रमाणे यंत्र असणे आवश्यक आहे. सदर साहित्याचा दर्जा उत्तम व टिकावू असावा.
- २) यंत्राचे प्रात्यक्षिक वापर करण्याच्या विभागाने घेतल्यानंतरच त्यांचा अहवाल समाधानकारक प्राप्त झाल्यावर पुरवठा ऑर्डर देण्यात येईल.
- ३) सदर यंत्र हे कंपनीकडील मानांकित प्रतीची असावी.
- ४) सदरचे यंत्राची वॉरंटी व गॅरंटी कालावधी नमूद करणे बंधनकारक राहिल.
- ५) वरील यंत्राची कंपनी,मॉडेल व बुकलेट दरपत्रकासोबत पाठविणे बंधनकारक आहे.
- ६) सदर यंत्राचे दर हे कमीत कमी असावेत व उत्तम दर्जाचे असावे.
- ७) सदर यंत्राचे दर हे सर्व करांसह नमूद करावेत.



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**1. Table top laboratory centrifuge**

**Compact table top laboratory centrifuge with**

1. Speed Regulator: Maximum speed required at least 4000 rpm with increment of at least 100 rpm
2. Safety Lid Lock
3. Digital Speed Meter
4. Timer for setting time between 0 to 60 with increment of at least 5 min
5. Rotor: Angled head with capacity for at least 3-8ml blood tubes fit
  - o Adaptors Each With Capacity of 6 ml tube
  - o Adaptors Each With Capacity of 8 ml tube.
6. Facility for level adjustment and firm base to prevent walking and provide assure stability while equipment is in use.
7. Electrical compatibility:
  - i. Must be compatible at 220 V, 50/60 Hz.
  - ii. Power plug should fit on Indian system of electrical supply.
8. Should be able to accommodate minimum 12 tubes at one time.
9. The product must be CE (European)/ BIS approved

**Other conditions:**

1. The supplier will provide 6 years warranty that will include Comprehensive Annual Maintenance Contract (CAMC) including all spare parts and repairs
2. The manufacturer should be able to provide service of equipment across India within 24 hrs after receipt of breakdown report for the metro location and within 3 days for the non metro located instruments.
3. Purchase reserves the right to subject the equipments for independent evaluation of performance.
4. The company will provide installation qualification, operational qualification and performance qualification with log book for maintenance of the equipments at no extra cost
5. Company will be responsible for Training of lab staff on operation of equipments.
6. Manuals: Operation, maintenance & part list with detailed specifications must be provided in original

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*26/11/18*  
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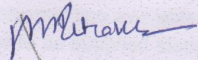
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सुक्ष्मजीवशास्त्र विभाग  
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## 2. Vortex mixer with digital display


1. Adjustable to 100 to 2500 rpm
2. Continuous and intermittent "touch-control" modes
3. Heavy cast-metal base and suction cup to assure stability prevent "walking"
4. 220-230 Volts, AC, 50HZ;
5. Digital Display :LED
6. Capacity of 2-3 kg and orbit of 35mm required.
7. The product must be CE (European)/ BIS approved


### Other conditions:

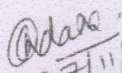
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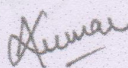
  
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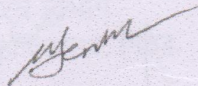
  
Associate Professor  
Department of Microbiology  
Govt. Medical College, Miraj.

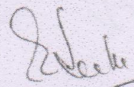
  
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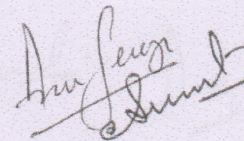
  
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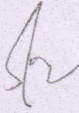


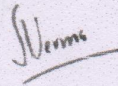


  
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### 3. Pipettes

#### Single channel (20-200ul)

1. Single channel with variable volume
2. Volume Range: 20-200 ul
3. Dispensing Increment- 1 ul
4. Volume adjustment facility
5. Ejector
6. Volume display
7. Compatible for universal tips available in India.
8. Calibrated pipette to be supplied along with calibration certificate
9. Fully autoclavable
10. The product must be CE (European)/ BIS approved

### 4. Pipette

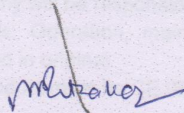
#### Single channel (100-1000ul)


1. Single channel with variable volume
2. Volume Range: 100-1000 ul
3. Dispensing Increment- 1 ul
4. Volume adjustment facility
5. Ejector
6. Volume display
7. Compatible for universal tips available in India.
8. Calibrated pipette to be supplied along with calibration certificate
9. Fully autoclavable
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
#### Other conditions:

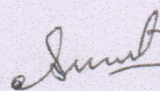
1. Manuals: Operation and maintenance with detailed specifications must be provided in original
2. The supplier will provide 2 years warranty that will include Comprehensive Annual Maintenance Contract (CAMC) including all spare parts and repairs

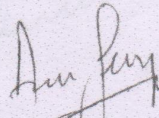
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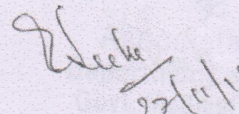
  
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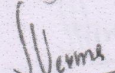
  
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#### 8. Refrigerator

Type	: Single Door
Refrigerator Type	: Top Freezer Refrigerator
Defrosting Type	: Direct Cool
Refrigerant	: CFC/HCFC free non-inflammable
Compressor Type	: Reciprocatory Compressor
Capacity	: 230±10 L
Number of Doors	: 1
Star Rating	: 5
Coolpad	: Yes
Toughened Glass	: Yes
Built-in Stabilizer	: Yes
Express Freezing	: Yes
Moisture Control	: Yes
Other Performance Features	: 12 hrs Cooling Retention During Power Cuts,
Advanced Moisture Control	
Clock	: No
Door Lock	: Yes
Removable Gasket	: Yes
Warranty Summary	: 1 Year on Refrigerator & 10 Years on Compressor

#### Other conditions:

1. The supplier will provide 6 years warranty that will include Comprehensive Annual Maintenance Contract (CAMC) including all spare parts and repairs
2. The manufacturer should be able to provide service of equipment across India within 24 hrs after receipt of breakdown report for the metro location and within 3 days for the non metro located instruments.
3. Purchase reserves the right to subject the equipments for independent evaluation of performance.
4. The company will provide installation qualification, operational qualification and performance qualification with log book for maintenance of the equipments at no extra cost
5. Company will be responsible for Training of lab staff on operation of equipments
6. Manuals: Operation, maintenance & part list with detailed specifications must be provided in original
7. The product must be CE (European)/ BIS approved

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### 1. Table Top Micro centrifuge with 2.0 mL tube rotor:

#### **Product Features:**

1. Micro centrifuge tube rotor with aerosol tight lid (accommodate minimum 18 micro centrifuge tubes)
2. Lid automatically pops open at the end of the run
3. Automatic door interlocking during centrifuge run
4. Display & process should abort immediately on imbalance detection
5. Robust anti-vibration system
6. Brushless induction motor, frequency drive, maintenance free operations
7. Low access height: <30cm
8. Range RCF: 1000-28,000 x g (with tube rotor)
9. Range RPM: 1000-14,500 /min (with tube rotor)
10. Display: Backlit LCD/LED display
11. Acceleration and deceleration time to max. rpm : <15 s
12. Braking time to maximum rpm : <15 s
13. 220-230 Volts, AC, 50HZ
14. Microprocessor keypad for programming and easy cleaning
15. Menu guided operation
16. Noise level - <70 dB
17. Timer setting: 10 seconds to 99 minutes
18. Emergency lid opening provision during power failure situations
19. Centrifuge must confirm the latest clinical and safety standards as prescribed by electrical and other agencies
20. The product must be BIS/CE (European) approved

#### **Other conditions:**

1. The supplier will provide 6 years warranty that will include Comprehensive Annual Maintenance Contract (CAMC) including all spare parts and repairs and bi-annual calibration
2. The manufacturer should be able to provide service of equipment across India within 24 hrs. after receipt of breakdown report for the metro location and within 3 days for the non-metro located instruments
3. Purchaser reserves the right to subject the equipment for independent evaluation of performance
4. The company will provide installation qualification, operational qualification and performance qualification with log book for maintenance of the equipment at no extra cost
5. Company will be responsible for Training of lab staff on operation of equipment
6. Manuals: Operation, maintenance & part list with detailed specifications must be provided in original

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## 2. Table Top Micro centrifuge with PCR microtiter plate rotor:

### **Product Features:**

1. Micro centrifuge with Plate Rotor included (accommodate minimum 2 PCR plates)
2. Maximum RCF: 2,000 ( $\pm 200$ ) x g
3. Maximum RPM: 3,500 ( $\pm 200$ )/min
4. Lid automatically pops open at the end of the run
5. Automatic door interlocking during centrifuge run
6. Display & process should abort immediately on imbalance detection
7. Robust anti-vibration system
8. Brushless induction motor, frequency drive, maintenance free operations
9. Acceleration and deceleration time to max. rpm : <15 s
10. Braking time to maximum rpm : <15 s
11. 220-230 Volts, AC, 50HZ
12. Microprocessor keypad for programming and easy cleaning
13. Menu guided operation
14. Noise level : <70 dB
15. Display: Backlit LCD/LED display
16. Timer setting: 10 sec to 99 min
17. Emergency lid opening provision during power failure situations
18. Centrifuge must confirm the latest clinical and safety standards as prescribed by electrical and other agencies
19. The product must be BIS/CE (European) approved

### **Other conditions:**

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6. Manuals: Operation, maintenance & part list with detailed specifications must be provided in original

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