

Quotation

NO.RCSMGMCK/Micro/QC/468/19-20  
Office of the Dean,  
Rajarshee Chhatrapati Shahu Maharaj  
Govt. Medical College, Kolhapur  
Dt.30/01/2020

To,  
M/s.-----  
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**Sub :** Quotation for Purchases of Equipments/ Instruments ( VRL Lab)

Sir,

Please quote your competitive rates in Indian Rupees only for the following items.

• **List & Specification Of Equipments / Instruments along with**

• **Terms and Conditions:**

- 1) All rights are reserved by The Dean. R.C.S.M.Govt.Medical College Kolhapur to reject any or all quotations without assigning any reason.
- 2) Samples should be made available by the supplier for demonstration at free of cost to the user department or concern purchase committee. (If required).
- 3) Sealed quotation should reach to this office on or before Date:- 07/02/2020 within office time positively. Quotation received after abovementioned date will not be entertained. This office is not liable for any delay of Post office or Courier Agency or at any other conditions.
- 4) The rates quoted should be inclusive of excise duty, GST, Transportation, Insurance, packing and forwarding and Fittings and Installation charges etc. Rates should be within the market rate limits and should not be more than M.R.P. at any circumstances. At any stage of the quotation process even after completion of the process if it is found that the rates mentioned are more than the M.R.P. the supplier is responsible for refund the difference with interest to this office. Rates should be quoted on companies/organisations letter head.
- 5) Attached the self attested photo copies of PAN Card, GST Registration Certificate, Shop Registration Certificate Please superscript the envelope with "QUOTATION Purchases Equipments / Instruments for Microbiology Department ( VRL Lab ).



  
Dean,

**Rajarshee Chhatrapati Shahu Maharaj  
Govt. Medical College, Kolhapur.**

**Encl - List and Specification of Equipments / Instruments**

# R.C.S.M.G.M.C.KOLHAPUR

Sr. No.	Name of Instrument	Required Qty	Required Specifications	Other Conditions
1	<u>Table Top Laboratory Centrifuge</u>	01	<ol style="list-style-type: none"> <li>1) Speed regulator. Maximum speed required at least 4000rpm with increment of at least 100 rpm.</li> <li>2) Safety Lid Lock</li> <li>3) Digital Speed Meter.</li> <li>4) Timer for setting time between 0 to 60 with increment of at least 5 min.</li> <li>5) Rotor angled head with capacity for at least 3-8 ml blood tubes fir. Adaptors each with capacity of 6 ml tube. Adaptors each with capacity of 8 ml tube.</li> <li>6) Facility of level adjustment and firm base to prevent walking and provide assure stability while equipment is in use.</li> <li>7) Electrical Compatibility.               <ol style="list-style-type: none"> <li>i) Must be compatible at 220v, 50/60/ Hz.</li> <li>ii) Power plug should fit on India system of electrical supply.</li> </ol> </li> <li>8) should be able to accommodate minimum 12 tubes at one time.</li> <li>9) The product must be CE ( European) / BIS approved.</li> </ol>	<ol style="list-style-type: none"> <li>1. The supplier will provide 6 years warranty that will include Comprehensive Annual Maintenance Contract (CAMC) Including all spare parts and repairs</li> <li>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</li> <li>3. Purchase reserves the right to subject the equipments for independent evaluation of performance.</li> <li>4. The company will provide installation qualification, operational qualification and performance qualification with log book for maintenance of the equipments at no extra cost</li> <li>5. Company will be responsible for Training of lab staff on operation of equipments</li> <li>6. Manuals Operation maintenance &amp; part list with detailed specifications must be provided in original</li> </ol>
2	<u>Vortex Mixer with Digital Display</u>	01	<ol style="list-style-type: none"> <li>1. Adjustable to 100 to 2500 rpm.</li> <li>2. Continuous and intermittent touch control modes.</li> <li>3. Heavy cast metal base and suction cup to assure stability prevent walking.</li> <li>4. 220-230 volts, AC, 50 HZ</li> <li>5. Digital Display LED</li> <li>6. Capacity of 2-3 kg and orbit of 35 mm required.</li> <li>7. The product must be CE ( European) / BIS approved.</li> </ol>	<ol style="list-style-type: none"> <li>1. The supplier will provide 6 years warranty that will include Comprehensive Annual Maintenance Contract (CAMC) Including all spare parts and repairs</li> <li>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</li> <li>3. Purchase reserves the right to subject the equipments for independent evaluation of performance.</li> <li>4. The company will provide installation qualification, operational qualification and performance qualification with log book for maintenance of the equipments at no extra cost</li> <li>5. Company will be responsible for Training of lab staff on operation of equipments</li> <li>6. Manuals Operation maintenance &amp; part list with detailed specifications must be provided in original</li> </ol>
3	<u>Single channel Pipettes (20-200 ul )</u>	02	<ol style="list-style-type: none"> <li>1. Single channel with variable volume.</li> <li>2. Volume range 20-200ul.</li> <li>3. Dispensing increment 1 ul.</li> <li>4. Volume adjustment facility.</li> <li>5. Ejector</li> <li>6. Volume Display</li> <li>7. Compatibility for universal tips available in India.</li> <li>8. calibrated pipette to be supplied along with calibration certificate.</li> <li>9. Fully Autoclavable.</li> <li>10. The product must be CE ( European) / BIS approved.</li> </ol>	<ol style="list-style-type: none"> <li>1. Manuals operation and maintenance with detailed specifications must be provided in original</li> <li>2. The supplier will provide 2 years warranty that will include comprehensive annual Maintenance contract ( CAMC) including all spare parts and repairs.</li> </ol>



4	<b>Single channel Pipettes (100-1000 ul )</b>	02	<ol style="list-style-type: none"> <li>1. Single channel with variable volume.</li> <li>2. Volume range 100-1000 ul.</li> <li>3. Dispensing increment 1 ul.</li> <li>4. Volume adjustment facility.</li> <li>5. Ejector</li> <li>6. Volume Display</li> <li>7. Compatibility for universal tips available in India.</li> <li>8. calibrated pipette to be supplied along with calibration certificate.</li> <li>9. Fully Autoclavable.</li> <li>10. The product must be CE ( European) / BIS approved.</li> </ol>	<ol style="list-style-type: none"> <li>1. Manuals operation and maintenance with detailed specifications must be provided in original</li> <li>2. The supplier will provide 2 years warranty that will include comprehensive annual Maintenance contract ( CAMC) including all spare parts and repairs.</li> </ol>
5	<b>Refrigerator</b>	01	<p>Type : Single Door  Refrigerator : 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 : 12 hrs Cooling Retention During Power Cuts -  Features Advanced  Moisture Control clock: No  Door Lock : Yes  Removable Gasket : Yes  warranty Summary : 1 Year on Refrigerator &amp; 10 Years on Compressor</p>	<ol style="list-style-type: none"> <li>1 The supplier will provide 6 years warranty that will include Comprehensive Annual Maintenance Contract (CAMC) Including all spare parts and repairs</li> <li>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</li> <li>3 Purchase reserves the right to subject the equipments for independent evaluation of performance.</li> <li>4 The company will provide installation qualification, operational qualification and performance qualification with log book for maintenance of the equipments at no extra cost</li> <li>5 Company will be responsible for Training of lab staff on operation of equipments</li> <li>6 Manuals Operation maintenance &amp; part list with detailed specifications must be provided in original.7 The product must be CE ( European) / BIS approved.</li> </ol>
6	<b>Deep Freezer -20° C along with Voltage Stabilizer</b>	01	<ol style="list-style-type: none"> <li>1 : Capacity 370-400 Lts or better</li> <li>2 : Microprocessor Controlled Vertical (upright) deep freeze (-20°c) with adjustable</li> <li>3 - 4 interior compartments/adjustable shelves with preferably two internal door</li> <li>3 : Digital display of temp. with facility to set temp between -10 to -40° c with 1°c increment</li> <li>4 : CFC/HCFC free non-inflammable refrigerant</li> <li>5 : Polyurethane vacuum insulation with silicon gasket on doors for sealing</li> <li>6 : Double door with lockable outer door</li> <li>7 : Audio –visual alarm for temp. deviation power failure door open etc.</li> <li>8 : low noise level Less than or equal 60 decible 50Hz/230V</li> <li>9 : Minimum 3 star 2.0 ton spit AC for optimal operation during the summer with voltage stabilizer</li> <li>10 : Suitable voltage stabilizer</li> <li>11 : The product must be CE (European) BIS approved</li> </ol>	<ol style="list-style-type: none"> <li>1 The supplier will provide 6 years warranty that will include Comprehensive Annual Maintenance Contract (CAMC) Including all spare parts and repairs</li> <li>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</li> <li>3 Purchase reserves the right to subject the equipments for independent evaluation of performance.</li> <li>4 The company will provide installation qualification operational qualification and performance qualification with log book for maintenance of the equipments at no extra cost</li> <li>5 Company will be responsible for Training of lab staff on operation of equipments</li> <li>6 Manuals Operation maintenance &amp; part list with detailed specifications must be provided in original</li> </ol>



7	<p><u>Deep freezer – 80 C along with Voltage Stabilizer</u></p>	01	<p>One – 80 degree deep freezer system with temperature control/display.  2 Temperature range -50° to -86° c  3 Capacity cu ft/liters 350 or more  4 Cryobox Capacity 2” 230 or more  5 Max shelf weight 120 lbs/65kg or more.  6 CFC/HCFC free non- inflammable refrigerant.  7 Refrigeration Compressor HP Two of minimum 1.0 HP each.  8 Voltage 230 v 50/60 Hz.  9 Heavy gauge, cold rolled stell cabinets with a powder coat paint finish for a uniform exterior that resists chipping and rust.  10 5”(12.7cm) formed – in place polyurethane insulation/VIP insulation technology.  11 Vacuum relief port/pressure equalization port for easy access after door openings.  12 Easy to remove washable filter for protection from dust on the condenser and increasing refrigeration performance.  13 Single hand operation with an easy to-use padlock – compatible ergonomic door handle with integrated key lock.  14 Simplified installation with our new easy- roll 2”locking casters.  15 Four inner doors to reduce cold air loss and improve temperature recovery after door openings.  16 Microprocessor control and monitoring system to ensure that all controls and displays are easy to reach and read and read. Power management system with low voltage surge protection and buck/boost.  17 Safety- backup systems for additional sample protection in the event of power or mechanical failure.  18 Suitable voltage stabilizer to be supplied to support in the instrument  19 Minimum 3 Star 2.0 ton split AC for optimal operation during the summer season with voltage stabilizer.  20 The product must be CE (European) BIS approved.</p>	<p>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 &amp; part list with detailed specifications must be provided in original</p>
8	<p><u>Table Top Micro centrifuge with 2.0 ml tube rotor:-</u></p>	01	<p>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 and process should abort immediately on imbalance detection.  5. Robust anti-vibration system  6. Brushless induction motor, frequency drive, maintenance free operation  7. Low access height : &lt; 36 cm  8. Range RCF: 1000-28000x g ( with tube rotor)  9. Range RPM: 1000-14500/ min ( with tube rotor)  10. Display: Backlit LCD/LED display.  11. Acceleration and deceleration time to max. rpm: &lt; 15 s  12. Braking time to Max . rpm: &lt; 15 s  13. 220-230 volts , AC , 50 HZ  14. Microprocessor keypad for programming and easy cleaning.  15. Menu guided operation</p>	<p>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. Purchase reserves the right to subject the equipments for independent evaluation of performance.  4. The company will provide installation 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 &amp; part list with detailed specifications must be provided in original.</p>

			<ol style="list-style-type: none"> <li>16. Noise level &lt;- 70 dB</li> <li>17. Timer setting : 10 sec to 99 min</li> <li>18. Emergency lid opening provision during power failure situations</li> <li>19. Centrifuge must confirm the latest cleaning and safety standards as prescribed by electrical and other agencies</li> <li>20. the product must be BIS/CE ( European ) approved.</li> </ol>	
09	<b><u>Table Top Micro centrifuge with PCR microtiter plate rotor:-</u></b>		<ol style="list-style-type: none"> <li>1. Micro centrifuge with plate rotor included ( accommodate minimum 2 PCR plates )</li> <li>2. Maximum RCF: 2,000 (+,- 200) x g</li> <li>3. Maximum RPM: 3500 (+,- 200)/min.</li> <li>4. Lid automatically pops open at the end of the run.</li> <li>5. Automatic door interlocking during centrifuge run.</li> <li>6. Display and process should abort immediately on imbalance detection.</li> <li>7. Robust anti-vibration system</li> <li>8. Brushless induction motor, frequency drive, maintenance free operation</li> <li>9. Acceleration and deceleration time to max. rpm: &lt; 15 s</li> <li>10. Braking time to Max . rpm: &lt; 15 s</li> <li>11. 220-230 volts , AC , 50 HZ</li> <li>12. Microprocessor keypad for programming and easy cleaning.</li> <li>13. Menu guided operation</li> <li>14. Noise level &lt;- 70 dB</li> <li>15. Display: Backlit LCD/LED display.</li> <li>16. Timer setting : 10 sec to 99 min</li> <li>17. Emergency lid opening provision during power failure situations</li> <li>18. Centrifuge must confirm the latest cleaning and safety standards as prescribed by electrical and other agencies</li> <li>19. The product must be BIS/CE ( European ) approved.</li> </ol>	<ol style="list-style-type: none"> <li>1. The supplier will provide 6 years warranty that will include Comprehensive Annual Maintenance Contract (CAMC) Including all spare parts and repairs</li> <li>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</li> <li>3. Purchase reserves the right to subject the equipments for independent evaluation of performance.</li> <li>4. The company will provide installation qualification, operational qualification and performance qualification with log book for maintenance of the equipments at no extra cost</li> <li>5. Company will be responsible for Training of lab staff on operation of equipments</li> <li>6. Manuals Operation maintenance &amp; part list with detailed specifications must be provided in original</li> </ol>

SD/-  
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