

POLICE



DEPARTMENT

KERALA

No. G1(b)-38311/2020/TC(5)

City Police Office,  
Thiruvananthapuram  
✉cptvm.pol@kerala.gov.in

☎04712320579

Dated. 16-09-2021

SHORT TENDER NOTICE

Sealed Tenders are invited for the Supply of Analytical Weighing Balance with Density Determination Kit, Variable volume Micropipettes set and Double distillation Unit for the District Forensic Lab at Nemom with the following specifications .

Sl. No.	Required Instruments	Specifications	QTY	Unit Price	Total Price
1	Analytical Weighing Balance with Density Determination Kit	<p>a. Capacity: min. 220/200gm or higher</p> <p>b. Minimum load: 10 mg</p> <p>c. Readability : 0.1 mg</p> <p>d. Linearity : <math>\pm 0.2</math> mg</p> <p>e. Pan size : <math>\phi</math> 80 mm or above</p> <p>f. Adjustment/calibration: Internal (automatic) Working temperature: <math>+10^{\circ} \div +40^{\circ}C</math></p> <p>g. Stabilization time: 3.5 s</p> <p>h. Interface : RS 232, USB-A, USB-B, WiFi – optional</p> <p>i. Level Indicator: Digital Level Indicator on front side</p> <p>j. Display : 5" colour capacitive touch screen</p> <p>k. ALIBI memory required for ensuring security of constant data register in the long time period. Removable glass parts: side, top and back.</p>	1	2,00,000	2,00,000
		<p>1. Volume Range : 0.2 ul - 20 uL, 20-200 uL, 100-1000uL and 1000-10000 uL</p> <p>2. Double action pipetting button</p> <p>3. Light volume adjustment</p>			



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2	Variable volume Micropipettes set	<ol style="list-style-type: none"> <li>4. Light pipetting action</li> <li>5. Color coding</li> <li>6. Wide supportive finger rest</li> <li>7. Convenient built in filter ejection mechanism (Soft-touch tip ejector )</li> <li>8. Advanced facility for great accuracy and precision</li> <li>9. Good display</li> <li>10. Durable handle material &amp; Entire pipette is autoclavable</li> <li>11. Advanced facility for preventing accidental volume changes</li> <li>12. Easy to clean</li> <li>13. Reliable results, even over lengthy pipetting periods.</li> <li>14. Materials have high chemical and UV-resistance to ensure a long life</li> <li>15. span for pipette</li> <li>16. Should have light weight</li> <li>17. Suitable tips (both filter tips &amp; ordinary tips for pipetting chemicals) should be supplied linear stand, pipette holder, etc. should be provided with the set.</li> <li>18. Should be provided with calibration certificate approved by NABL, Traceability certificate and CE certificate.</li> <li>19. Warranty: 3 Years or More</li> </ol>	1	1,00,000	1,00,000
		<ol style="list-style-type: none"> <li>1. Double Distillation Unit with Buzzer Alert</li> <li>2. Water Still with built-in safety having Quartz Heater, Borosilicate Boiler &amp; Condenser</li> <li>3. Capacity: 2.5 Lit/Hr</li> <li>4. Heater – Enclosed in Quartz Tube.</li> <li>5. Teflon Screw Cock – For in-situ cleaning and draining of the boiler.</li> <li>6. Screw Thread Connectors - For Easy installation and for avoiding breakage of Glass.</li> </ol>			



3	Double distillation Unit (to be installed at Chemistry Lab)	<p>7. Pressure Temperature Switch – Which Switch Off the unit if the water in the boiler falls below the water.</p> <p>8. One submersible water pump for connecting with the condenser for avoiding water wastage (0.25 HP)</p> <p>9. The output water should meet the following specifications.</p> <p><i>Specific Conductivity</i> 0.8–1.00µS/cm</p> <p><i>pH</i> 6.5 – 7.0</p> <p><i>Distillate Quality</i> Pyrogen Free</p> <p><i>Cooling Water Requirement</i> 2–4 Ltrs./Min</p> <p><i>Minimum Pressure</i> 3 psi</p> <p><i>Dimension of each box</i> 2x (250 x 180 x 450) mm</p>	1	1,50,000	1,50,000
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Total Estimate Cost is ₹4,50,000/-

The envelopes containing the tender should bear the superscription "SUPPLY OF Analytical Weighing Balance with Density Determination Kit ,Variable volume Micropipettes set and Double distillation Unit FOR DIST FORENSIC LAB , NEMOM , THIRUVANANTHAPURAM CITY " and should be addressed to District Police Chief, TvpM City. Last date for receipt of tenders will be 12.10.2021 Late tenders will not be accepted.

The Tender should be finalized after the quality evaluation of the Items The tenders will be opened at 11 am on 13.10.2021 in the presence of such of the tenderer or their authorized representatives who may be present at that time.

Intending tenderer may, on application to the to District Police Chief,TvpM City obtain the requisite tender forms on which tenders should be submitted.Application for the tender form should be accompanied by a cash remittance of ₹.700/- which is the price fixed for a form/set of forms and which is not refundable under any circumstances. (Additional 18% GST amount on tender fees mentioned above shall be paid to GST Department directly by the bidder and the receipt should be furnished ). The tender forms are not transferable. Sale of tender forms will be closed at 4 PM on 11/10/2021.

Cheques, postage stamps, etc., will not be accepted towards the cost of forms, nor will the forms be sent per V.P.P. Duplicate tender forms, if required will be issued at Rs.550/- per copy.

The bidders are required to furnish EMD of ₹.4500/- along with their bids. Earnest money may be accepted either in cash or crossed Bank Drafts or Treasury Savings Bank Deposits or Government Promissory Notes or Bank Guarantee or National Savings Certificate.

*Kupathayan*



Balram Kumar Upadhyay IPS  
Commissioner of Police

Copy To : 1)P&RD 2)The state Police Chief(with covering letter)



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