

Technical specification of Semi-automatic Biochemistry analyzer

Purchaser: Tulsipur Sub Metropolitan City, Tulsipur, Dang

Medical equipment: Semi-automatic Biochemistry analyzer

Quantity: 1 units

S.N	Office requirement	Compliance on each parameter with detailed substantiation how the offered product meet the requirement	Remarks , if any
1.	Semi-automatic Biochemistry analyzer	<ol style="list-style-type: none">1. It shall operate on mains AC supply2. 150 open user programmable test parameters with sipping facility.3. The equipment should be 9 Assay mode : 1 point linear, 2 point linear, 2 point nonlinear,, rate a linear, rate a nonlinear, 1 point sample blank linear, 1 point sample blank non-linear and absorbance.4. Photometric range should be 0-2.5 A and photometric resolution should be upto 0.0015. Measurement should be Monochromatic/ Bi-chromatic6. Flow cell temperature should be 25 degree c , 30 degree c, 37 degree c, by Peltier control7. Dual cuvette facility8. Flow cell volume should be 33ul9. Wavelength should be	

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		<p>340,405,505,546,578 and 630 nm</p> <p>10. Graphic LSD display should be 240*64</p> <p>11. Inbuilt Thermal printer</p> <p>12. Aspiration volume should be 350-999ul using peristaltic pump</p> <p>13. Extensive QC program with L-J Graph</p> <p>14. 1000 Test result storage</p> <p>15. External 18 VDC Universal SMPS Adaptor</p> <p>16. USB port for interface with PC. Additional USB port for external printer</p>	
2.	User training	1. Must provide user training (including how to use and maintain the equipment)	
3.	Warranty	1. Comprehensive warranty for 2 years from acceptance	
4.	Installation and Commissioning	1. The beader must accomplish proper installation and commissioning of the equipment on site.	
5.	Documentation	<p>1. User operating manual in English</p> <p>2. Service (Technical/ Maintenance) manual in English</p> <p>3. Certificate of calibration and inspection from factory</p> <p>4. List of important sphere parts and accessories with their part number and costing</p>	

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