Automatic Bio Chemistry Analyser

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Measuring and observing and testing instruments : UnSPSC

Sub Category : Clinical and diagnostic analyzer reagents - UNSPSC Code

Automatic Biochemistry Anlayser : UNSPSC Code -

S.No.	Parameters	Grouping		Value 1	Value2	Value 3	Value 4	Value 5	Golden	Validation	Whether Filter Required	Remarks	priority	Unit
1	Confirmity to Standards	S	E	USFDA	CE	BIS	UL		G					
2	Certification No and Date	S	T											
3	Type of system			Fully Open Random Access system										
4	Purpose	P	E	should be capable of all routine,STAT and special biochemical tests including specific proteins,therapeutic drugs(TDM),Drugs of abuse ,Immunoturbidemtric assays and user definable applications in blood,serum or urine and equipment to be configurable as per requirements of consignee										
5	Model type of Biochemistry Analyser	P		Bench top Type	Floor model Type				G					
6	Type of samples	P	E	serum,plasma , urine, CSF and any body fluid samples										
7	Type of Assay	P		End point,Kinetic turbidometric and bichromatic assay										
8	Throughput tests / hour	P	N	200 or more	350 or more	600 or more			G					
9	Calibration facility	P	E	factor	Linear (one, two and multipoint)	Exponential	Logit-log	spline	G					multi select

10				Non linear											
11	Equipment must have self diagnostic tests with error message and online display	P	E	yes											
12	Equipment must be programmable for all test menus and state of the art work station	P	E	yes											
13	Type of sample loading	P	E	Continuous					G						
14	Equipment should have both internal and external probe cleaning/washing capacity	P	E	yes											
15	Repeat facility	P	E	repeat facility to be availble for calibrator and control											
16	Reagent refill message and monitoring facility	P	E	yes											
17	Minimum number of test parameters on board at a time	P	N							≥ 30					
18	Minimum sample capacity at a time	P	N	35	50	100									
19	Minimum number of STAT samples at a time	P	N							≥ 15					
20	Out of range samples	P	E	Should have pre post and auto dilution of samples and return capability for out of range samples											
21	Probe dispensors	P	E	Probe dispensors must have level detectors and must typically use between 2-25 µl of sample											
22	Spectoral range in nm	P	N							340 ≤ N≥ 700					
23	Light source	P	E	Halogen lamp low cost with long life											
24	life of lamp	P	E	12 months	24 months										

25	power consumption of lamp in VA	P	N							<1000 VA				
26	Type of sample cups	P	E	Reusable										
27	Number of sample cups provided with machine	P	E	500	1,000	1,200			G					
28	QC programe	P	E	QC Programme with L-J graphs,Print out of reports										
29	The reaction cuvette must be reusable and durable	P	E	Yes										
30	System should have on board cooling system	P	E	Refrigerated										
31	Good quality DI water plant supplied	P	E	Yes	No				G					
32	compatible on line UPS	P	E	YES	No									
33	back up time	P	E	1 hour	2 HOUR									
34	data management software	P	E	equipment to be supplied with compatible programmable windows based comprehensive data processing and management system graphica user interface software ,LM Capability complete back up of data basefor calibration control and patient sample results										
35	patient result storage capacity	P	E	10000	15000								G	
36	multitasking facilty on computer	P	E	yes										
37	System should have facility for reading results on monitor and print out facility	P	E	Yes										
38	Reagents to be supplied with machine	P	E	urea, uric acid, creatinin, sugar, Cholesterol, TP, albumin, SGOT, SGPT, alkaline phosphatase, Bilirubin (Total & Direct) calibrator 3mlx 4 and quality control 5mlx1 -5 Nos each for normal and abnormal										

39	Reports	P	E	Prinout of reports and full patient demographics to be availble										
40	Sytem shall be supplied with a compatible desk top PC	A	E	YES	No									
41	The PC shall be of reputed brand and name of brand to be specified	A	Text											
42	Speed of processor in GHZ(hint: put zeo in case no PC supplied)	A	E								>3			
43	RAM IN MB (hint: Put zero in case no PC supplied)	A	N								>512			
44	HARD DISK DRIVE CAPACITY IN GB(Hint:put zero in case no PC sipplied)	A	N								>80			
45	monitor	A	E	TFT Digital color monitor	Not applicable									
46	Monitor size in inches	A	E	17 inces	Not applicable									
47	comaptible operating sytem providedin PC	A	E	Yes	Not applicabble									
48	Printer provided	A	E	yes	No									
49	type of printer	A	E	dot matrix	Not applicable	Laser Printer								
50	Service manual and operating manual to be provided	P	E	yes										
51	seller must provuide original documentary proof of the date and place of manufacturing of supplied equipment	P	E	yes										

52	comprehensive and full training for all users for operating equipment and trouble free maintananace at installation point till familiarity with system	P	E	YES										
53	system to be supplied with necessary pre requisites and start up kits normal and abnormal QC and calibrators	P	E	yes										
54	Availability of RS 232 port/USB for data transfer	P	E	Yes	No				G					
55	Power supply	P	E	200-240Vac 50Hz Single phase										
56	Warranty (including machine, DI Water Plant if provided , UPS, computer and printer)	P	E	3	5				G					years
57	Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual ,abour and spares, after satisfactory completion of Warranty period	P	E	3	5			No CMC after warranty	G					years
58	The unit shall be capable of operating continuously in ambient temperature of 10 - 40deg C and relative humidity of 15-90%	A	E	Yes					G					
59	Startup kit, Calibrators, consumables required in training the staff/Technician/Doctors should be provided at the time of installation &Training	A		Yes										
60	The reaction cuvettes should be replaced at free of cost when ever required during the warranty period and CMC period	A		Yes										
61	ISO Certification of Manufacturer			Yes										
62	ISO certification No and Date													

63	Availability of test report from central govt/ NABL/ILAC accredited lab covering all parameters	R	Ch	Yes	No									
64	Test report number if test report not available put NA	R	Ch											
65	Test report date if test report not available put NA	R	Ch											
66	Name of test lab if test report not available put NA	R	Ch											
67	Address of test lab if test report not available put NA	R	Ch											
68	Copies of all certifications and reports to be provided to buyer on demand at time of supplies	R	Ch	Yes										

Shahzad
Astt. Director-II(Q/A)

Shri A. V. Muralidharan

DCEO -GeM

tbd : to be declared by vendor

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Astt. Director-II(Q/A)

Shri A. V. Muralidharan
DIRECTOR -QA

Demand Aggregation