



Running Contract Details	
Equipment Name	Fully Automated Immuno Assay Analyzer Model A
Running Contract Valid Till	03-07-2021
Tender Ref No	KMSCL/EP/T324/436A/2019(R)
Tendered Quantity	30
Supplier Name	M/s Tricore Medicals Systems
GST No	32AAHFT0313N1ZC
Installation & Delivery Period	6 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
TC 25/1910(1) Cosmos Building Mele Thampanoor Thiruvananthapuram - 695 001	Contact Person	Praveen K.A
	Phone	0471 2333388
	Mobile No	8606078122
	Email	tricoremedicalsystems@gmail.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Fully Automated Immuno Assay Analyzer Model A <i>Model & Make : i1000sr / Abbott Healthcare Pvt Ltd</i>	1640200 Incl.GST :18%	114814	1755014
2	T3 100 Tests per pack	1512 Incl.GST :5%	118.94	1630.94
3	T4 100 Tests per pack	1491 Incl.GST :5%	117.29	1608.29
4	TSH 100 Tests per pack	1701 Incl.GST :5%	133.81	1834.81
5	FT3 100 Tests per pack	3461.85 Incl.GST :5%	272.33	3734.18

Item-wise Price Details				
6	FT4 - 100 Tests per pack	3570.01 Incl.GST :5%	280.84	3850.85
7	anti TPO 100 Tests per pack	6847.05 Incl.GST :5%	538.63	7385.68
8	anti TG 100 Tests per pack	6847.05 Incl.GST :5%	538.63	7385.68
9	AFP 100 Tests per pack	5710.95 Incl.GST :5%	449.26	6160.21
10	CA 125 100 Tests per pack	6048 Incl.GST :5%	475.78	6523.78
11	CA 19.9 100 Tests per pack	6069 Incl.GST :5%	477.43	6546.43
12	PSA 100 Tests per pack	8621.55 Incl.GST :5%	678.23	9299.78
13	Free PSA 100 Tests per pack	6923.7 Incl.GST :5%	544.66	7468.36
14	CEA 100 Tests per pack	4443.6 Incl.GST :5%	349.56	4793.16
15	CA 15.3 100 Tests per pack	6069 Incl.GST :5%	477.43	6546.43
16	FSH 100 Tests per pack	4305 Incl.GST :5%	338.66	4643.66
17	LH 100 Tests per pack	4686.15 Incl.GST :5%	368.64	5054.79
18	Prolactin 100 Tests per pack	4939.2 Incl.GST :5%	388.55	5327.75
19	Testosterone 100 Tests per pack	6339.9 Incl.GST :5%	498.74	6838.64
20	Beta HCG 100 Tests per pack	3804.15 Incl.GST :5%	299.26	4103.41

Item-wise Price Details				
21	Estradiol 100 Tests per pack	5071.5 Incl.GST :5%	398.96	5470.46
22	Progesterone 100 Tests per pack	5660.55 Incl.GST :5%	445.3	6105.85
23	CKMB Total 100 Tests per pack	10529.4 Incl.GST :5%	828.31	11357.71
24	Troponin T/I 100 Tests per pack	10347.75 Incl.GST :5%	814.02	11161.77
25	BNP / NTproBNP 100 Tests per pack	20947.5 Incl.GST :5%	1647.87	22595.37
26	Vitamin D 100 Tests per pack	14829.15 Incl.GST :5%	1166.56	15995.71
27	PTH 100 Tests per pack	10414.95 Incl.GST :5%	819.31	11234.26
28	Ferritin 100 Tests per pack	8158.5 Incl.GST :5%	641.8	8800.3
29	Folic Acid 100 Tests per pack	10574.55 Incl.GST :5%	831.86	11406.41
30	Vitamin B12 100 Tests per pack	7770 Incl.GST :5%	611.24	8381.24
31	Insulin 100 Tests per pack	7980.01 Incl.GST :5%	627.76	8607.77
32	Anti HCV 100 Tests per pack	17220 Incl.GST :5%	1354.64	18574.64
33	HBSAg 100 Tests per pack	4830 Incl.GST :5%	379.96	5209.96
34	HIV 100 Tests per pack	7560 Incl.GST :5%	594.72	8154.72
35	Syphilis TP 100 Tests per pack	7938 Incl.GST :5%	624.46	8562.46

Item-wise Price Details				
36	Cyclosporine 100 Tests per pack	56503.13 Incl.GST :5%	4444.91	60948.04
37	Sirolimus 100 Tests per pack	33075 Incl.GST :5%	2601.9	35676.9
38	Tacrolimus 100 Tests per pack	58432.5 Incl.GST :5%	4596.69	63029.19
39	Pro Calcitonin 100 Tests per pack	82687.5 Incl.GST :5%	6504.75	89192.25
40	Rate for additional parameter 1 ANTI CCP - 100 Tests per pack	49612.5 Incl.GST :5%	3902.85	53515.35
41	Rate for additional parameter 2 CORTISOL - 100 Tests per pack	16537.5 Incl.GST :5%	1300.95	17838.45
42	Rate for additional parameter 3 HOMOCYSTEIN - 100 Tests per pack	60637.5 Incl.GST :5%	4770.15	65407.65
43	Rate for additional parameter 4 C PEPTIDE - 100 Tests per pack	16537.5 Incl.GST :5%	1300.95	17838.45
44	Rate for additional parameter 5 AYOGLOBIN - 100 Tests per pack	19293.75 Incl.GST :5%	1517.78	20811.53
45	Rate for additional parameter 6 HBS - 100 Tests per pack	19845 Incl.GST :5%	1561.14	21406.14
46	Rate for additional parameter 7 HBC IGM - 100 Tests per pack	19845 Incl.GST :5%	1561.14	21406.14
47	Rate for additional parameter 8 HBC AB - 100 Testsper pack	19845 Incl.GST :5%	1561.14	21406.14
48	Rate for additional parameter 9 HBE - 100 Tests per pack	19845 Incl.GST :5%	1561.14	21406.14
49	Rate for additional parameter 10 HBEAG - 100 Tests per pack	19845 Incl.GST :5%	1561.14	21406.14
50	Rate for additional parameter 11 HAV IGM - 100 Tests per pack	19845 Incl.GST :5%	1561.14	21406.14

Item-wise Price Details				
51	Rate for additional parameter 12 HAV IGG - 100 Tests per pack	19845 Incl.GST :5%	1561.14	21406.14
		2415653.9	175816.37	2591470.27

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
Fully Automated Immuno Assay Analyzer Model A							
Labour	21,186.44	21,186.44	21,186.44	21,186.44	21,186.44	21,186.44	21,186.44
Comprehensive	2,41,525.42	2,41,525.42	2,41,525.42	2,41,525.42	2,41,525.42	2,41,525.42	2,41,525.42

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).
2. The supplier shall submit performance security amounting to 5% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :Fully Automated Immuno Assay Analyzer Model A

I. Equipment Specification

1. System should be fully automated random access chemi luminescence / fluorescent immunoassay technique
2. The system should have the facility to run thyroid markers and other hormone, cancer makers, cardiac makers, infectious makers, diabetic marker etc at the same time.
3. Should be Floor / Bench Model.
4. Through put should be >75 tests/hr
5. Available parameters >60 test
6. Sample position should be 30 or more.
7. Sample type; Serum, Plasma, Urine, CSF.

8. Assay time should be less than 60 minutes except for infectious parameters.
9. Sample volume of test - 10 to 200 µl.
10. Should have the provision for continuous sample loading.
11. Reagent position for 15 parameters or more.
12. Onboard cooling should be available for reagents.
13. The system should have calibration stability (onboard/ off board) of minimum 14 days for all parameters mentioned in clause II, except T4 and fT4.
14. Reagents should be ready to use.
15. Should have the facility to perform STAT sample.
16. Flexible to use different sample containers like primary tubes with different sizes, sample cups and suitable adapters for low volume samples for easy processing.
17. Facility for sample clot detection, bubble detection, sample detection and reagent detection.
18. This system should have the facility to store minimum 10000 test results either in machine/ in attached computer.
19. Should be supplied with an integrated computer with inbuilt software or should be supplied with a compatible desktop computer of reputed brand with sufficient capacity and suitable software to work with the offered equipment without any problem. Configuration and details of PC should be included in Technical Bid.
20. Should supply external printer to take print out of patient results and QC reports.
21. Should supply online, pure sine wave UPS with maintenance free batteries, spike protection for minimum 2 hour backup with full load.
22. Should have valid FDA / IVD certificate for in vitro diagnosis application for both equipment and reagents. All the test parameters should be licensed for diagnostic application in India from the date bid submission. Copy of the certificate / test report shall be produced along with the technical bid.
23. Calibration protocol & calibration frequency as per company literature should be declared for each parameter. Calibrators should be supplied free of cost.
24. Once opened reagents stability as per company literature should be declared for each parameter and opened reagent should be usable for minimum of 14 days.
25. Equipment calibration/service should be done whenever required during the warranty & CAMC period at free of cost and calibration certificate issued.
26. Should supply reagents including accessory reagents & quality control for different parameters as follows at the time of supply and installation of the equipment.

T3, T4, TSH (200 Test each)

fT4, CA 125, PSA, Trop I/T (100 Test each)
27. Optional: Software which may be used for first trimester screening (double test) shall be offered along with required hardware. The rate for the same (software and hardware) should be quoted separately which will not be taken for evaluation.
28. Provision for connectivity to LIS/HIS should be available in the offered model and the required connections should be implemented as required by the user institution.

II. Assay required:

29. Thyroid Markers: T3, T4, TSH, fT3, fT4, anti TPO, anti TG.
30. Tumor Markers : AFP, CA 125, CA 19.9, PSA, free PSA,CEA, CA 15.3 etc.
31. Fertility Hormone : FSH, LH, Prolactin, Testo sterone, Beta HCG, Estradiol, Progesterone
32. Cardiac Markers : CKMB Total, Troponin T/I, BNP/NTproBNP
33. Bone Markers : Vitamin D, PTH
34. Anemia Markers : Ferritin, Folic acid, Vitamin B12
35. Diabetic Markers: Insulin
36. Infectious markers: Anti HCV, HBsAg, HIV

III. Other Specifications

1. Tenderer shall offer the details of all reagents required for the offered model to complete the test / parameters mentioned in the technical specification. Total cost required for reagents / solution for a period of 5 years, considering minimum tests / month as mentioned below shall be taken for evaluation.

2. The pack size quoted in the BOQ shall be same as that used for calculating the cost/ test.

The standard pack size and the rate for the same shall be quoted in the BOQ.

The no. of calibration tests to be done based on the following workload and the pack size offered shall also be mentioned in the BOQ.

Work load based on the basis of 30 days – 500 reportable tests (T3, T4 & TSH) & 100 reportable tests (remaining parameters).

3. Purchase orders for the reagents / solutions etc. shall be issued according to the unit rates offered by the tenderer, and the prices for the same shall be fixed for a period of 5 years.

4. All available pack sizes of each parameter shall be mentioned in the offer form. The price for all pack sizes will be same as that quoted in BOQ.

5. Other parameters available but not mentioned above should also be mentioned in the offer form along with available pack sizes. The rate of these parameters should be mentioned in the BOQ which will not be taken for evaluation.

6. The no. of tests / month mentioned above is only for evaluation purpose. Actual requirement may vary as per the user institutions request.

7. Any additional items / consumables (Wash buffers, cuvettes, pipette tips, calibrators etc.) of sufficient quantity required for performing the parameters mentioned in the BOQ shall be supplied free of cost along with the Kit.

8. No items shall be purchased by Tender Inviting Authority / User Institutions to complete the tests / parameters mentioned in technical specification other than the rates submitted by the Tenderer as per the (BOQ) price bid format.

9. No. of test required for Calibration as per protocol should be mentioned for each parameter in the offer form.

10. The reportable test mentioned per pack size will be evaluated at Govt Medical College or Public Health Lab Thiruvananthapuram. In case of any deviation, the offer will not be considered and the bidder will be blacklisted for a minimum period of 3 years.

11. Replacement of such items like filters, lamps, tubing set or other spares whenever required shall be done free of cost during warranty & CAMC period.