



Running Contract Details	
Equipment Name	Fully Automated Immuno Assay Analyser Model D
Running Contract Valid Till	13-10-2027
Tender Ref No	KMSCL/EP/T572/436D/2025
Tendered Quantity	40
Supplier Name	M/s Siva Management
GST No	32ADFFS6671R2ZB
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
Palathinkara TC - 28/1838 & TC - 28/1838(1) House No. - TENRA 22 Thycaud Thiruvananthapuram-695014	Contact Person	Govind A. S.
	Phone	0471 2338959
	Mobile No	6282644366,8281110354
	Email	ceo@sivamedicals.com,ivdsales@sivamedicals.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Fully Automated Immuno Assay Analyser Model D <i>Model & Make : CL 1200i Fully Automated Chemiluminescence Immunoassay Analyzer / Shenzhen Mindary</i>	644700 Incl.GST :5%	50716.4	695416.4
2	T3 - Rate test of 1	15.75 Incl.GST :5%	1.24	16.99
3	T4 - Rate test of 1	15.75 Incl.GST :5%	1.24	16.99
4	TSH - Rate test of 1	26.25 Incl.GST :5%	2.07	28.32
5	PSA - Rate test of 1	65.1 Incl.GST :5%	5.12	70.22
6	Vitamin D - Rate test of 1	120.75 Incl.GST :5%	9.5	130.25
7	CA-125 - Rate test of 1	47.25 Incl.GST :5%	3.72	50.97

Item-wise Price Details				
8	FT3 - Rate test of 1	37.8 Incl.GST :5%	2.97	40.77
9	FT4 - Rate test of 1	37.8 Incl.GST :5%	2.97	40.77
10	Anti -TG - Rate test of 1	183.75 Incl.GST :5%	14.46	198.21
11	Anti -TPO- Rate test of 1	199.5 Incl.GST :5%	15.69	215.19
12	TG - Rate test of 1	178.5 Incl.GST :5%	14.04	192.54
13	Intact PTH/ PTH- Rate test of 1	367.5 Incl.GST :5%	28.91	396.41
14	Cortisol - Rate test of 1	210 Incl.GST :5%	16.52	226.52
15	Troponin-I/Trop T- Rate test of 1	236.25 Incl.GST :5%	18.59	254.84
16	BNP/Pro BNP- Rate test of 1	630 Incl.GST :5%	49.56	679.56
17	Total beta HCG - Rate test of 1	131.25 Incl.GST :5%	10.33	141.58
18	FSH - Rate test of 1	115.5 Incl.GST :5%	9.09	124.59
19	LH - Rate test of 1	115.5 Incl.GST :5%	9.09	124.59
20	Prolactin- Rate test of 1	115.5 Incl.GST :5%	9.09	124.59
21	Testosterone- Rate test of 1	110.25 Incl.GST :5%	8.67	118.92
22	Progesterone	110.25 Incl.GST :5%	8.67	118.92
23	AMH- Rate test of 1	577.5 Incl.GST :5%	45.43	622.93
24	Insulin - Rate test of 1	194.25 Incl.GST :5%	15.28	209.53
25	C- Peptide- Rate test of 1	225.75 Incl.GST :5%	17.76	243.51
26	CEA - Rate test of 1	147 Incl.GST :5%	11.56	158.56
27	AFP- Rate test of 1	136.5 Incl.GST :5%	10.74	147.24
28	CA -19.9 - Rate test of 1	194.25 Incl.GST :5%	15.28	209.53

Item-wise Price Details				
29	Vitamin B12- Rate test of 1	178.5 Incl.GST :5%	14.04	192.54
30	Ferrittin- Rate test of 1	131.25 Incl.GST :5%	10.33	141.58
31	PCT- Rate test of 1	635.25 Incl.GST :5%	49.97	685.22
32	T3 - Quote the Pack Size and Rate.	3150 Incl.GST :5%	247.8	3397.8
33	T4 - Quote the Pack Size and Rate.	3150 Incl.GST :5%	247.8	3397.8
34	TSH - Quote the Pack Size and Rate.	5250 Incl.GST :5%	413	5663
35	PSA -Quote the Pack Size and Rate.	13020 Incl.GST :5%	1024.24	14044.24
36	Vitamin D Total -Quote the Pack Size and Rate.	12075 Incl.GST :5%	949.9	13024.9
37	FT3 - Quote the Pack Size and Rate.	3780 Incl.GST :5%	297.36	4077.36
38	FT4 - Quote the Pack Size and Rate.	3780 Incl.GST :5%	297.36	4077.36
39	Anti -TG - Quote the Pack Size and Rate.	18375 Incl.GST :5%	1445.5	19820.5
40	Anti -TPO - Quote the Pack Size and Rate.	19950 Incl.GST :5%	1569.4	21519.4
41	TG - -Quote the Pack Size and Rate.	17850 Incl.GST :5%	1404.2	19254.2
42	Intact PTH/ PTH - Quote the Pack Size and Rate.	36750 Incl.GST :5%	2891	39641
43	Cortisol - Quote the Pack Size and Rate.	21000 Incl.GST :5%	1652	22652
44	Troponin-I/Trop T - Quote the Pack Size and Rate.	23625 Incl.GST :5%	1858.5	25483.5
45	BNP/Pro BNP - Quote the Pack Size and Rate.	63000 Incl.GST :5%	4956	67956
46	Total beta HCG - Quote the Pack Size and Rate.	13125 Incl.GST :5%	1032.5	14157.5
47	FSH - Quote the Pack Size and Rate.	11550 Incl.GST :5%	908.6	12458.6
48	LH - Quote the Pack Size and Rate.	11550 Incl.GST :5%	908.6	12458.6

Item-wise Price Details							
49	Prolactin - Quote the Pack Size and Rate.			11550 Incl.GST :5%	908.6	12458.6	
50	Testosterone - Quote the Pack Size and Rate.			11025 Incl.GST :5%	867.3	11892.3	
51	Progesterone - Quote the Pack Size and Rate.			11025 Incl.GST :5%	867.3	11892.3	
52	CA-125 - Quote the Pack Size and Rate.			9450 Incl.GST :5%	743.4	10193.4	
53	AMH - Quote the Pack Size and Rate.			57750 Incl.GST :5%	4543	62293	
54	AFP - Quote the Pack Size and Rate.			13650 Incl.GST :5%	1073.8	14723.8	
55	Insulin - Quote the Pack Size and Rate.			19425 Incl.GST :5%	1528.1	20953.1	
56	C- Peptide - Quote the Pack Size and Rate.			22575 Incl.GST :5%	1775.9	24350.9	
57	CEA - Quote the Pack Size and Rate.			14700 Incl.GST :5%	1156.4	15856.4	
58	CA -19.9 - Quote the Pack Size and Rate.			19425 Incl.GST :5%	1528.1	20953.1	
59	Vitamin B12 - Quote the Pack Size and Rate.			17850 Incl.GST :5%	1404.2	19254.2	
60	Ferrittin - - Quote the Pack Size and Rate.			13125 Incl.GST :5%	1032.5	14157.5	
61	PCT -- Quote the Pack Size and Rate.			31762.5 Incl.GST :5%	2498.65	34261.15	
				1184482.95	93179.33	1277662.28	
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 Analyser Model D							
Labour	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00
Comprehensive	1,50,000.00	1,50,000.00	1,50,000.00	1,50,000.00	1,50,000.00	1,50,000.00	1,50,000.00

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 5.00% 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 Analyser Model D

Technical Specification

Equipment: Fully Automated Immune Assay Analyzer Model D

I. Chemiluminescence Immunoassay System with capability to perform Thyroid Panel, Fertility Panel, Cardiac Markers, Bone-Markers, Tumor Marker with the following technical specifications.

1. Through put of the machine 60/hour, as well as continuous sample and reagent loading & unloading capability
2. The analyzer should have capability to accommodate tubes of various sizes
3. System must be able to process Samples types: Serum, Plasma and Urine
4. The analyzer should have automatic sample dilution ranging from 1:2 to 1:40
5. The analyzer should have Clot detection capability
6. The analyzer should have sample probe with liquid level detection
7. The analyzer should have at least 24 reagent positions.
8. The analyzer should have onboard refrigeration at 2-8 deg C
9. Analyser must have facility of auto calibration and history of calibration should be available in graphical representation.
10. The analyzer should have reagent level detection
11. Reagent packs should have bar code identification, automatic tracking and notification of inventory calibration. on board stability, low and expiry reagents.
12. The reagent on- board and calibration stability of reagent should be a minimum of 14 days for all parameters.
13. The analyzer should have STAT capability for prioritized sample request
14. Analyser should have in built QC programmes - Westgard rules, LJ graphs, Auto QC, CV%. QC history should be available.
15. Analyser should be directly connected to the drainage system for waste disposal.
16. The system should have facility for storage and retrieval of at least 10,000 patient samples
17. System should have the capability of bi- directional interfacing with hospital information system. In case of any software or application is required for the same shall be provided free of cost.
18. The analyser should be supplied with all necessary hardware including computer system and printer, and software for performance of all available test parameters.
19. At the time of installation 200 test each in T3,T4,TSH and 100test reagent each in fT3,fT4 should be provided free of cost. All Consumables required for installation and standardization to be given free of cost
20. All available tests in the system should be quoted in the BOQ and price should be given for all available pack sizes.
21. List of all reagents, cleaning solutions, buffers, calibrators, consumables and any other item required for the routine maintenance and running of the machine should be provided along with available pack sizes. Frequency of usage of each component to be provided.
22. Order will be placed only for the required test kits. All accessory reagents, consumables and calibrators required for running the ordered parameters should be given free of cost. The cost of the same should be included in the reagent cost.
23. Calibration and validation of the equipment will be done by the bidder free of cost during warranty and CMC period.
24. In the event of the machine becoming non-functional beyond 48hrs, a backup instrument should be provided free of cost during the warranty and CMC period
25. The equipment is compliant with the Kerala eHealth HMS for Lab integration.
26. Should supply online UPS of suitable capacity with 1 hour backup along with each unit.
27. Should have safety certificate for in-vitro diagnostics applications for equipment and reagents issued by a notified body registered in the European Commission / FDA (US) / STQC / ERTL. A copy of the certificate shall be produced along with the technical bid.
28. L1 shall be calculated based on the total ownership cost for 7 years calculated including the cost of the machine and reagent cost of test parameters (T3, T4, TSH) at 500 reportable tests per month for 7 years and PSA, Vitamin D and CA-125 at 100

reportable tests per month for 7 years.

29. Parameters to be offered

I. Thyroid:

a. FT3, FT4, T3, T4, TSH, Anti-TG, Anti-TPO, TG

II. Bone Metabolism:

a. Intact PTH/ PTH, Vitamin D Total

III. Adrenal Function:

a. Cortisol

IV. Cardia Panel:

a. Troponin-I/Trop T, BNP/Pro BNP

V Fertility Panel:

a. Total beta HCG, FSH, LH, Prolactin, Testosterone, Progesterone, AMH

VI. Diabetes:

a. Insulin, C-Peptide

VII. Tumor Makers:

a. CEA, AFP, CA-125, CA-19.9, PSA

VIII. Anaemia:

a. Ferritin, Vitamin B12

IX. Inflammation:

a. PCT