



Running Contract Details	
Equipment Name	Fully Automated Immuno Assay Analyser Model D
Running Contract Valid Till	29-09-2024
Tender Ref No	KMSCL/EP/T460/436D/2022
Tendered Quantity	25
Supplier Name	M/s Siva Medical Services
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 900i Fully Automated Chemiluminescence Immunoassay Analyzer /M/s. Shenzhen Mindray Bio-Medical Electronics Co., Ltd</i>	731600 Incl.GST :18%	51212	782812
2	T3 - Pack Size and Rate. - 200Test/ Pack	5433.75 Incl.GST :5%	427.46	5861.21
3	T4- Pack Size and Rate. - 200Test/ Pack	5433.75 Incl.GST :5%	427.46	5861.21
4	TSH - Pack Size and Rate. - 200Test/ Pack	5433.75 Incl.GST :5%	427.46	5861.21
5	f T3 - Pack Size and Rate. - 100Test/ Pack	5013.75 Incl.GST :5%	394.42	5408.17
6	f T4 - Pack Size and Rate. - 100Test/ Pack	5013.75 Incl.GST :5%	394.42	5408.17

Item-wise Price Details				
7	anti TPO - Pack Size and Rate. - 100Test/ Pack	18690 Incl.GST :5%	1470.28	20160.28
8	TG - Pack Size and Rate. - 100Test/ Pack	17472 Incl.GST :5%	1374.46	18846.46
9	TG - Pack Size and Rate. - 100Test/ Pack	18012.75 Incl.GST :5%	1417	19429.75
10	Intact PTH- Pack Size and Rate. - 100Test/ Pack	21246.75 Incl.GST :5%	1671.41	22918.16
11	Calcitonin - Pack Size and Rate. - 100Test/ Pack	27011.25 Incl.GST :5%	2124.89	29136.14
12	Vitamin D Total - Pack Size and Rate. - 100Test/ Pack	22638 Incl.GST :5%	1780.86	24418.86
13	AFP - Pack Size and Rate. - 100Test/ Pack	8100.75 Incl.GST :5%	637.26	8738.01
14	DHEA 8 - Pack Size and Rate. - 100Test/ Pack	30770.25 Incl.GST :5%	2420.59	33190.84
15	Cortisol - Pack Size and Rate. - 100Test/ Pack	17104.5 Incl.GST :5%	1345.55	18450.05
16	ACTH - Pack Size and Rate. - 100Test/ Pack	31242.75 Incl.GST :5%	2457.76	33700.51
17	CK-MB - Pack Size and Rate. - 100Test/ Pack	25431 Incl.GST :5%	2000.57	27431.57
18	Myoglobin - Pack Size and Rate. - 100Test/ Pack	30408 Incl.GST :5%	2392.1	32800.1
19	Troponin-I - Pack Size and Rate. - 100Test/ Pack	27016.5 Incl.GST :5%	2125.3	29141.8
20	BNP - Pack Size and Rate. - 100Test/ Pack	64669.5 Incl.GST :5%	5087.33	69756.83
21	Total Beta HCG - Pack Size and Rate. - 100Test/ Pack	8174.25 Incl.GST :5%	643.04	8817.29
22	FSH - Pack Size and Rate. - 100Test/ Pack	6940.5 Incl.GST :5%	545.99	7486.49
23	LH - Pack Size and Rate. - 100Test/ Pack	7092.75 Incl.GST :5%	557.96	7650.71
24	Prolactin - Pack Size and Rate. - 100Test/ Pack	6930 Incl.GST :5%	545.16	7475.16
25	E3 - Pack Size and Rate. - 100Test/ Pack	11266.5 Incl.GST :5%	886.3	12152.8
26	E2 - Pack Size and Rate. - 100Test/ Pack	7990.5 Incl.GST :5%	628.59	8619.09

Item-wise Price Details				
27	Testosterone - Pack Size and Rate. - 100Test/ Pack	7691.25 Incl.GST :5%	605.05	8296.3
28	AMH - Pack Size and Rate. - 100Test/ Pack	40141.5 Incl.GST :5%	3157.8	43299.3
29	Progesterone - Pack Size and Rate. - 100Test/ Pack	7255.5 Incl.GST :5%	570.77	7826.27
30	Insulin - Pack Size and Rate. - 100Test/ Pack	17466.75 Incl.GST :5%	1374.05	18840.8
31	C-Peptide - Pack Size and Rate. - 100Test/ Pack	19430.25 Incl.GST :5%	1528.51	20958.76
32	CEA - Pack Size and Rate. - 100Test/ Pack	8893.5 Incl.GST :5%	699.62	9593.12
33	AFP - Pack Size and Rate. - 100Test/ Pack	8100.75 Incl.GST :5%	637.26	8738.01
34	CA-125 - Pack Size and Rate. - 100Test/ Pack	12474 Incl.GST :5%	981.29	13455.29
35	CA-15.3 - Pack Size and Rate. - 100Test/ Pack	15372 Incl.GST :5%	1209.26	16581.26
36	CA-19.9 - Pack Size and Rate. - 100Test/ Pack	15671.25 Incl.GST :5%	1232.81	16904.06
37	Free PSA - Pack Size and Rate. - 100Test/ Pack	11497.5 Incl.GST :5%	904.47	12401.97
38	Total PSA - Pack Size and Rate. - 100Test/ Pack	10783.5 Incl.GST :5%	848.3	11631.8
39	NSE - Pack Size and Rate. - 100Test/ Pack	26307.75 Incl.GST :5%	2069.54	28377.29
40	CYFRA 21.1 - Pack Size and Rate. - 100Test/ Pack	34077.75 Incl.GST :5%	2680.78	36758.53
41	CA-72.4- Pack Size and Rate. - 100Test/ Pack	20653.5 Incl.GST :5%	1624.74	22278.24
42	Ferritin - Pack Size and Rate. - 100Test/ Pack	9507.75 Incl.GST :5%	747.94	10255.69
43	Vitamin B12 - Pack Size and Rate. - 100Test/ Pack	14999.25 Incl.GST :5%	1179.94	16179.19
44	Folate - Pack Size and Rate. - 100Test/ Pack	20790 Incl.GST :5%	1635.48	22425.48
45	RBC - Folate - Pack Size and Rate. - 100Test/ Pack	11046 Incl.GST :5%	868.95	11914.95
46	PCT - Pack Size and Rate. - 50Test/ Pack	47995.5 Incl.GST :5%	3775.65	51771.15
47	T3 - Pack Size and Rate - 50T x 2 nos. = 100 T.	3475.5 Incl.GST :5%	273.41	3748.91

Item-wise Price Details							
48	T4 - Pack Size and Rate - 50T x 2 nos. = 100 T.			3475.5 Incl.GST :5%	273.41	3748.91	
49	TSH - Pack Size and Rate - 50T x 2 nos. = 100 T.			3475.5 Incl.GST :5%	273.41	3748.91	
50	Vitamin D - Pack Size and Rate - 50T			12327 Incl.GST :5%	969.72	13296.72	
51	Folate - Pack Size and Rate - 50T			10783.5 Incl.GST :5%	848.3	11631.8	
				1559829.5	116366.05	1676195.55	
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	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00
Comprehensive	40,000.00	44,000.00	48,500.00	53,250.00	58,500.00	64,500.00	71,000.00

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

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

1. The analyzer should have a minimum loading capability of 50 samples per load/batch 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 a through-put of minimum 150 tests/hour
8. The analyzer should have at least 15 reagent positions.

9. The analyzer should have onboard refrigeration at 2-8 deg C
10. Analyser must have facility of auto calibration and history of calibration should be available in graphical representation.
11. The analyzer should have reagent level detection
12. Reagent packs should have bar code identification, automatic tracking and notification of inventory calibration and control validity, on board stability, low and expiry reagents.
13. The reagent on- board stability of reagent should be a minimum of 28 days for all parameters
14. The analyzer should have STAT capability for prioritized sample request
15. Analyser should have in built QC programmes - Westgard rules, Twin plot LJ graphs, Auto QC, CV%. QC history should be available.
16. Analyser should be directly connected to the drainage system for waste disposal.
17. The system should have facility for storage and retrieval of at least 10,000 patient samples
18. 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.
19. Analyser and reagents should be US FDA or CE approved.
20. The analyser should be supplied with all necessary hardware including computer system and printer, and software for performance of all available test parameters.
21. All Consumables required for installation and standardization to be given free of cost
22. All available tests in the system should be quoted in the BOQ and price should be given for all available pack sizes.
23. 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.
24. 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.
25. Calibration and validation of the equipment will be done by the bidder free of cost during warranty and CMC period.
26. 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.
27. L1 shall be calculated based on the total ownership cost for 7 years calculated including the cost of the machine, CMC rates for 5 years and reagent cost of test parameters (T3, T4,TSH) at 500 tests per month for 7 years.
28. Should have safety certificate from a competent authority CE issued by a notified body registered in the European commission / FDA (US)/ STQC CB Certificate/ STQC S Certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate/ test report shall be produced along with the technical bid
29. Parameters to be offered
 1. Thyroid:
FT3, FT4, T3, T4, TSH, Anti-TG, Anti-TPO, TG
 2. Bone Metabolism:
Intact PTH, Calcitonin, Vitamin D Total
 3. Adrenal Function:
DHEA-S, Cortisol, ACTH
 4. Cardia Panel:
CK-MB, Myoglobin, Troponin-I, BNP
 5. Fertility Panel:
Total beta HCG, FSH, LH, Prolactin, E2, E3, Testosterone, Progesterone, AMH
 6. Diabetes:
Insulin, C-Peptide
 7. Tumor Makers:
CEA, AFP, CA-125, CA-15.3, CA-19.9, Free PSA, NSE, CYFRA 21.1, CA-72.4
 8. Anaemia:
Ferritin, Vitamin B12, Folate, RBC- Folate
 9. Inflammation:
PCT