



Running Contract Details	
Equipment Name	Fully Automated Immuno Assay Analyzer Model B
Running Contract Valid Till	24-10-2025
Tender Ref No	KMSCL/EP/T494(R)/436B/2023
Tendered Quantity	15
Supplier Name	M/s Beckman Coulter India Pvt. Ltd
GST No	33AACCB7266L1ZH
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	
Hisaria Warehouse Madhavaram Vadepambakkam Red Hills High Road Chennai Tamil Nadu 600 060. India	Contact Person	Mr.Anup Babu
	Phone	
	Mobile No	9567013103
	Email	ababu@beckman.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 B <i>Model & Make : UniCel DX1600/ Beckman Coulter INC USA</i>	5428000 Incl.GST :18%	379960	5807960
2	T3 (pack size -100)	1785 Incl.GST :5%	140.42	1925.42
3	T4 (Pack size -100)	1785 Incl.GST :5%	140.42	1925.42
4	TSH (pack size -200)	3675 Incl.GST :5%	289.1	3964.1
5	f T3 (pack size -100)	3360 Incl.GST :5%	264.32	3624.32
6	f T4 (pack size -100)	3360 Incl.GST :5%	264.32	3624.32
7	Vitamin D (pack size -100)	15750 Incl.GST :5%	1239	16989

Item-wise Price Details							
8	PTH (pack size -100)			9450 Incl.GST :5%	743.4	10193.4	
9	anti TPO (pack size -100)			5250 Incl.GST :5%	413	5663	
10	anti TG (pack size -100)			5250 Incl.GST :5%	413	5663	
11	AFP (pack size -100)			7350 Incl.GST :5%	578.2	7928.2	
12	CA 125 (pack size -100)			11550 Incl.GST :5%	908.6	12458.6	
13	CA 19-9 (pack size -100)			11550 Incl.GST :5%	908.6	12458.6	
14	CA 15-3 (pack size -100)			11550 Incl.GST :5%	908.6	12458.6	
15	CEA (pack size -100)			7350 Incl.GST :5%	578.2	7928.2	
16	Total PSA (pack size -100)			7350 Incl.GST :5%	578.2	7928.2	
17	Free PSA (pack size -100)			8400 Incl.GST :5%	660.8	9060.8	
18	Ferritin (pack size -100)			4725 Incl.GST :5%	371.7	5096.7	
19	Vitamin B12 (pack size -100)			5880 Incl.GST :5%	462.56	6342.56	
20	Procalcitonin (pack size -100)			57750 Incl.GST :5%	4543	62293	
21	HIV (pack size -100)			25200 Incl.GST :5%	1982.4	27182.4	
22	HbSag (pack size -100)			7350 Incl.GST :5%	578.2	7928.2	
23	Anti HCV (pack size -100)			18900 Incl.GST :5%	1486.8	20386.8	
24	Î²Hcg (pack size -100)			3150 Incl.GST :5%	247.8	3397.8	
				5665720	398660.64	6064380.64	
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 B							
Labour	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Comprehensive	2,50,000.00	3,00,000.00	3,00,000.00	3,00,000.00	3,00,000.00	3,00,000.00	3,00,000.00

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 Analyzer Model B

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1. Fully automated Random access modular analyzer to perform the analysis of Immunoassays from serum, plasma and urine samples.
2. Supplier should quote only the brand new system and should provide the proof of manufacturing certificate along with instrument.
3. Supplier should provide a standby unit in case of failure of primary system, which confirms the same technology as compatible with the kit of primary unit.
4. Supplier should provide software upgrades as and when available free of cost at site.
5. System should have a throughput of minimum 150 tests/hr.
6. System should work on Chemiluminescence/Electro-chemiluminescence Technology.
7. System should have at least the following parameters and new assays as they become available in the system.
 - a. T3, T4, FT3, FT4 and TSH
 - b. Vitamin D Total
 - c. PTH
 - e. Anti-TG
 - f. Anti-TPO
 - g. AFP
 - h. CA125
 - i. CA19-9
 - j. CA15-3
 - k. CEA
 - l. ?hCG
 - m. Total PSA
 - n. Free PSA

- o. Ferritin
- p. Vit B12
- q. Procalcitonin
- r. HIV
- s. HbSag
- t. Anti- HCV

Additional tests (optional)

- u. HE4
- v. CYFRA 21-1
- w. NSE
- x. CA72-4
- y. Pro GRP

Additional (if any available)

- 8. Facility to add Immunoassay/biochemistry module on demand.
- 9. All parameters asked for maybe provided with one or more than one machine of same technology without additional cost (compatibility to existing lab space will be checked during demo)
- 10. Stat and continuous sample loading facility.
- 11. Reaction time for Immunoassay tests should be ? 60 minutes.
- 12. System should have capacity to hold minimum 15 Reagent Positions.
- 13. Onboard sample loading should be rack continuous loading with minimum 30 tubes capability at a time.
- 14. Sample volumes should be 10 µl to 100 µl per test.
- 15. System should have level sensing, clot detection and probe crash prevention.
- 16. Onboard sample dilution from 3 to 125 times is preferred.
- 17. Lot to Lot calibration assays.
- 18. System must be using disposable cuvettes to prevent any carryover contamination and to have reliable patient results.
- 19. Online servicing (Remote servicing) facility will be preferred for application/technical support.
- 20. System should have latest PC with latest operating system having 17' TFT touch screen color monitor for programming the tests and entering patient data.
- 21. Patient samples and reagents should be scanned with onboard barcode scanner for easy Operation.
- 22. System should have RS 232 bidirectional interface and in-built modem for remotediagnostics access.
- 23. System should have external laser printer from a reputed vendor to take printout of patient results and QC reports with a warranty period of three years (Price will be counted for L1)

24. Supplier should provide suitable UPS of suitable configuration with necessary batteries with minimum 60 Minutes backup from a reputed vendor with a warranty period of three years.(Price will be counted for L1)UPS maintenance also should be taken care by the vendor during the contract period.

25. A frost free refrigerator of 310 liters capacity with inverter technology,5 star rating and freezer spaceandintegrated temperature display from a reputed vendor should be provided along with the machine with a warranty period of three years(Price will be counted for L1) and maintenance also should be taken care by the vendor during contract period.

26. If required, supplier should provide suitable water plant and free maintenance should be made available during the warranty period.(price will be counted for L1)Warranty/CMC includes the consumables for the same.

27. Reagent and consumable prices should be sealed for the contract period of 5 years for all parameters applicable for this machine. Consumable like reagents, cuvettes and tips for 500 numbers for the parameter TSH , 250 numbers for other parameters like T3, T4, FT3, FT4 , TG, Anti-TG, Anti-TPO,AFP, CA125, CA19-9, CA15-3, CEA, ? hCG, Total PSA, Free PSA,100 numbers for Vitamin D Total, PTH, Ferritin, Procalcitonin, vitamin B12 and 10 numbers for HIV, Hbsag and HCV should be provided free of cost along with the machine.. Shelf life of reagent pack should be at least six months.

28. Data Management System should store calibration, quality Control data, and patient data for 10000 tests. Report should be generated in free format.

29. Independent QC parameter (such as Biorad, Ranbaxyetc) should be included in the standard supply

30. Minor Civil, electrical and mechanical works for pre installation of the equipment should be carried out by the vendor as part of tender. Supply and installation of air conditioner of required capacity (with warranty) may be supplied.

31. The equipment should work on 200-240 V ac 50Hz power supply.

32. The equipment quoted should be US FDA and EU CE certified.The vendor should attach US FDA and EU CE certificate along with the tender.

33.. Supplier should provide calibration certificate issued by the manufacturer at the time of installation and calibration certificate should be issued for the machine by hesupplier during preventive maintenance visit in the warranty & AMC period.

34. TRAINING

1. A trial commences with the provision of free consumables

2. Two types application and onsite training for all staff and technicians after installation before warranty period of onsite training shall be offered:

a. Application training

b. System administration and software training. The application training shall satisfy the following. The clinical, Technical and safety aspects of the system should be covered in such a training program.

3 The system administration and software training shall include Comprehensive training at site for our system Administrator(s).

Documentation

The following documents shall be included in the base price of the system

a. Two set of operators manual

b. One set of service manuals.

Testing

After installation manufacturer/supplier has to conduct a quality assurance test with no additional cost.

Note: If CDSCO (Central Drugs Standard Control Organization) certification is required for the import and marketing of the equipment, then the same shall be submitted along with the technical bid