



Running Contract Details	
Equipment Name	Semi Automated Immuno Hematology Analyser
Running Contract Valid Till	09-02-2024
Tender Ref No	KMSCL/EP/T416/1586/2021
Tendered Quantity	20
Supplier Name	M/s Ortho Clinical Diagnostics India Pvt Ltd
GST No	27AACCO1231C1Z3
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	
Unit No:403 4th Floor Leela Business Park Andheri Kurla Road Maharashtra400059	Contact Person	Mr. Sandeep K
	Phone	2267879300
	Mobile No	9846866679
	Email	sandeep.k@orthoclinicaldiagnostics.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Semi Automated Immuno Hematology Analyser <i>Model & Make : ORTHO Optix Workstation Ortho</i> <i>Optix Reader</i>	636000 Incl.GST :18%	44520	680520
2	Forward blood grouping-ABO & RH (cost of one sleeve:40 Tests/sleeve)	1436.4 Incl.GST :5%	113	1549.4
3	Reverse blood grouping-ABO & RH (cost of one sleeve:40 Tests/sleeve)	1134 Incl.GST :5%	89.21	1223.21
4	DCT-(cost of one sleeve:40 tests/sleeve)	2948.4 Incl.GST :5%	231.94	3180.34
5	ICT cross matching-(cost of one sleeve:40tests/sleeve)	2948.4 Incl.GST :5%	231.94	3180.34
6	Antibody Screening-(cost of one sleeve:40 tests/sleeve)	2948.4 Incl.GST :5%	231.94	3180.34

Item-wise Price Details							
7	Antibody Identification-(cost of one sleeve:40 tests/sleeve)			19958.4 Incl.GST :5%	1570.06	21528.46	
8	Forward Blood grouping-ABO&RH-(cost /1 reportable Test)			35.91 Incl.GST :5%	2.82	38.73	
9	Reverse Blood Grouping-ABO&RH-(cost /1 reportable Test)			28.35 Incl.GST :5%	2.23	30.58	
10	DCT-(cost/1 reportable Test)			24.57 Incl.GST :5%	1.93	26.5	
11	ICT cross matching-(cost/1 reportable Test)			24.57 Incl.GST :5%	1.93	26.5	
12	Antibody screening-(cost/1 reportable Test)			24.57 Incl.GST :5%	1.93	26.5	
13	Antibody identification-(cost/1 reportable Test)			351.54 Incl.GST :5%	27.65	379.19	
				667863.51	47026.6	714890.11	
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
Semi Automated Immuno Hematology Analyser							
Labour	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
Comprehensive	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00

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 :Semi Automated Immuno Hematology Analyser

I. General

1. Should be provided with a digital centrifuge and incubator for use of column agglutination technology (CAT) – based cards / cassettes.
2. The analyzer should be capable of performing blood grouping, patient- donor cross matching, antibody screening, antibody identification, antibody titration, phenotyping and special antigen testing.
3. Should be portable and table- top model
4. The incubator and centrifuge should be integrated model
5. Cards for testing 60 numbers of DAT should be provided free of cost along with the equipment.
6. The bidder should offer the **cost/ one reportable test** of various test parameters given below in the BOQ.
 - a. ABO Rh typing - Forward –Anti A, Anti B, Anti AB & Anti D : 1000 tests/ month
 - b. ABO Rh typing – Reverse grouping including A, B & O cells : 1000 tests/ month
 - c. Cross matching : 2000 tests/ month
 - d. DCT : 500 Tests/ month
 - e. ICT: 500 Tests/ month
 - f. Antibody Screening – Patient antibody screening (3 cell panel) : 30 Tests/ month
 - g. Antibody Screening – Donor antibody screening with pooled O cells : 1000 Tests/ month
 - h. Antibody Identification - Donor antibody identification – (11 cells panel) : 10 Tests/ month
 - i. Antibody Identification - Patient antibody identification – (11 cells panel) : 10 Tests/ month
 - j. Weak D Testing : 100 Test/ month
 - k. Rh Phenotyping including Kell – 10 tests/ month
 - l. Extended phenotyping (Jka, Jkb, Fy^a, Fy^b, M, N, S) : 10 tests/ month

The L1 shall be calculated based on the average workload (this is only for L1 calculation and the actual workload may be vary) mentioned above and the cost offered in the BOQ for each parameter along with the equipment cost. The calculation shall be done automatically by the BOQ (Cost/ 1 reportable test x Per Month Workload x 12 x 3).

The bidder should declare the available pack size of various reagents in the Offer form along with the required volumes for One reportable test of the above tests. The cost of reagents offered in the BOQ shall be applicable to all pack sizes. The pack size used for calculating the cost/ 1 reportable test shall be declared in the BOQ along with the other details of reagents (name of the reagent/ volume/ no. of test per pack).

7. The bidder should install brand new system/ systems to conduct all the tests mentioned above along with all necessary supporting brand new equipments/ items such as;
 - a. Online UPS with minimum 1 hr back shall be provided. Suitable stabilizer if required should be provided.
 - b. Desktop Computer (minimum requirements: Original O S, i5 processor, 4 GB RAM, 1 TB HDD, 17 inch Monitor with touch screen, Original Microsoft Office) with UPS of minimum 20 minutes back up.
 - c. Laser printer.
 - d. Computer table made up of wood
 - e. Barcode printer system

8. The calibrators for the equipment and other equipments shall be provided free of cost and calibrations shall also be done as per the manufacturer's recommendations. The copy of the necessary reports of the same shall be provided to the user institutions for obtaining the quality certifications of the lab.

9. All the necessary items other than the test reagents shall be provided by the bidder free of cost including Cuvetts, calibrators, Preventive Maintenance Kits, Spares/ consumables, Tubing, Light sources or any other such things during the warranty/ CAMC period. If any equipment/ item not mentioned here and needed for getting the test results shall be provided free of cost.

10. During installation of the equipment, the bidder should run the tests and the quality control free of cost.

II. Digital Centrifuge

- a. Specifically designed to centrifuge column agglutination technology-based cards/cassettes.
- b. Should have electronically regulated centrifuge for the two phase centrifugation of cassettes/cards.
- c. Should have 10- 12 slots to centrifuge any combination of column agglutination card/cassette with “V” shaped button for clarity in results.

- d. Should have digital display of rpm and time.
- e. Automated stop after required time.
- f. Prefixed centrifuge time: 5 minutes at centrifuge speed 700-1600 rpm.
- g. Should have an auto-lock on the lid while the centrifugation process is on
- h. Calibration report should be provided during warranty and AMC period

III. Digital Incubator

- a. Specifically designed to incubate column agglutination technology
- b. Should maintain incubation temperature at 37°C with incubation time of 10-15 minutes.
- c. Should have capacity to incubate 20-24 cards/cassettes.
- d. Should have audible alarm to notify end to incubation period.
- e. Warmup time of maximum 15 minutes.
- f. Calibration report should be provided during warranty and AMC period.

IV. Card/Cassette reader

- a. Should provide high resolution color images of both front & back of cassette
- b. Should have Bi-directional LIS communication.
- c. Should have browser-based, remote review of results
- d. Should have report and audit log.