



राजस्थान-सरकार  
विकास एवं स्वास्थ्य विभाग,  
स्वास्थ्य भवन, टिकट मार्ग, सी-स्कैन, जयपुर

दस्तावेज संख्या : 0141-2224070

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दस्तावेज पुराना(पुराना)की/या एव पुराना की/2022 23/

36

दि.04.05.22

Corrigendum/Clarification/Amended

Sub-Bid information of advertisement No. 004 (JMNJY/Hub&spoke model/2021-22/444 dated 28-03-2022. In reference to above cited subjected technical and financial term and conditions as below-

S.N.	RFP Point No./ page no.	Existing provision/conditions	Amended/Clarified/Added/ Provision/ Condition
1	Page 9, Performance-Security Point 2	The amount of performance security shall be 2.5 percent of total Tender value. In case of MSME, of Rajasthan it shall be 1 percent of the amount of quantity ordered for supply of goods, and in case of sick industries, other than Small Scale Industries, whose cases are pending before the Board of Industrial and Financial Reconstruction (BIFR), it shall be two percent of the amount of supply order.	The amount of performance security shall be 2.5 percent of total Tender value. In case of MSME, of Rajasthan it shall be 1 percent of the amount of quantity ordered for supply of goods and in case of sick industries, other than Small Scale Industries, whose cases are pending before the Board of Industrial and Financial Reconstruction (BIFR), it shall be two percent of the amount of supply order. If consortium comprises of all MSMEs members, then the said Consortium shall be eligible for all the preferences /relaxations issued for MSMEs time to time. Any Consortium having MSMEs and non-MSMEs members both, then it be considered as non-MSMEs bidder and shall not be eligible for preferences/ special relaxations under the provision of RTTP Act and Rules
2	RFP Page no. 16 Point no. 5 Commencement of Work	The Service Provider is required to start the commencement of the work within the following phases, 1. Phase I (For entire Mother Lab): 60 days from the date of award / communication of acceptance of the contract. 2. Phase II (For entire Hub Lab): Next 30 days from Phase I 3. Phase III (For entire Spokes): Next 30 days from Phase II In case it is found that the work has not been taken up within the above mentioned phases the Authority will levy Liquidated Damages as per the contract, may forfeit the performance security and may blacklist the firm for future tender and Also can take any action as per RTTP act, 2012 and RTTP Rules 2013 whenever necessary.	The Service Provider is required to start the commencement of the work within the following phases, 1. Phase I (For entire Mother Lab): 90 days from the date of award / communication of acceptance of the contract. 2. Phase II (For entire Hub & Spoke Labs): Next 30 days from Phase I In case it is found that the work has not been taken up within the above mentioned phases the Authority will levy Liquidated Damages as per the contract, may forfeit the performance security and may blacklist the firm for future tender and Also can take any action as per RTTP act, 2012 and RTTP Rules 2013.
3	RFP Page no. 20 Eligibility Criteria Point no. 2	The bidder or at least one consortium member shall be in the Business of providing operational services for labs on PPP/Reagent rental /Outsourcing Mode /Own for at least three complete financial years (any of 3 of the last 5 years) in the	The bidder or at least one consortium member shall be in the Business of providing laboratory services with operational support to labs for atleast any 40 test on PPP/ Reagent rental /Outsourcing Mode /Own for at least three complete financial year (any of 3 of the

Page 1



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क्रमांक: एफ04(एमएनजेवाई)/डव एवं संकीर्ण मॉडल/2022-23/ 36

दिनांक: 04/05/22

		Government hospitals /Government Medical colleges /Institute of Central or state Government/Private sector in India. The bidder must have 3 (three) operational NABL, accredited labs in its own name or in the name of the client in the Government hospitals/Government Medical colleges/Institute of Central or state Government/Private sector in India. (Attach NABL certificate with signed MOU). In case of consortium the sum total of experience/lab of consortium will be calculated.	last 5 years) in the Government hospitals /Government Medical colleges /Institute of Central or state Government /Private sector in India. The bidder must have 3 (three) operational NABL, accredited labs in its own name or in the name of the client in the Government hospitals/Government Medical colleges/Institute of Central or state Government/Private sector in India. (Attach NABL certificate with signed MOU). In case of consortium the sum total of experience/lab of consortium will be calculated.
4	RFP Page no. 20 Eligibility Criteria Point no. 5	Lead bidder or any member of consortium shall have Valid SEI CMMI level 3 Certification of higher at the time of bid submission	Lead bidder or any member of consortium shall have Valid CMMI level 3 Certification or higher at the time of bid submission
5	RFP Page no. 38 Annexure D		Revise Annexure D Attached
6	RFP Page no. 70	Specification Of the Equipment	Revise Annexure T Attached
7	RFP Page no. 96 Penalties	Penalty on the following points will be imposed on the service provider by the Tender inviting Authority: If there is a delay in Implementation of laboratory services as per the timelines defined in the RFP. Service provider should have started its full-fledged services in 100 percent Mother lab within 2 months after signing of Agreement, 90 percent of Hub labs within 3rd Month and 80 percent of spokes within 4th month of agreement. Beyond 4 months, The signing Authority will penalise the Service Provider an amount of INR 1,00,000 (One lakh rupees) per month per Mother lab for delays in rolling out full fledged services (where all tests have not been rolled out), Rs 25000 per month for each Hub and Spoke labs. A maximum of one extra year could be provided to the service provider for initiation of services in the remaining 10 percent of Hub labs and 20 percent of Spokes without penalties levied for delay in rolling out full fledged services in these facilities. After one extra year over and above the prescribed limit of 4 months, the MD(NHM) will terminate the Agreement with the Service provider. This clause shall not include those facilities where	Penalty on the following points will be imposed on the service provider by the Tender inviting Authority: If there is a delay in Implementation of laboratory services as per the timelines defined in the RFP. Service provider should have started its full-fledged services in 100 percent Mother lab within 3 months after signing of Agreement, 90 percent of Hub labs and 80 percent of spokes within 4th month of agreement. Beyond 4 months, The signing Authority will penalise the Service Provider an amount of INR 1,00,000 (One lakh rupees) per month per Mother lab for delays in rolling out full fledged services (where all tests have not been rolled out), Rs 25000 per month for each Hub and Spoke labs. A maximum of one extra year could be provided to the service provider for initiation of services in the remaining 10 percent of Hub labs and 20 percent of Spokes without penalties levied for delay in rolling out full fledged services in these facilities. After one extra year over and above the prescribed limit of 4 months, the MD (NHM) will terminate the Agreement with the Service provider. This clause shall not include those facilities where services could not be started by the Service provider because of lack of support from State Government in such a case, this shall be duly verified by the Government.

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चिकित्सा एवं स्वास्थ्य विभाग,  
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36

दिनांक- 04.05.22

		services could not be started by the Service provider because of lack of support from State Government , same shall be duly signed by the Government.	
8	RFP Page no. 98 Compliance Sheet	N - Electrolyte analyzer	Deleted
9	RFP Page no. 106 Service Level Agreement- Background	M/s <insert name of the selected bidder> represented by its <insert name and designation> -, a Company incorporated under the provisions of the Companies Act, 1956 (No. 1 of 1956) and having its registered of office at <insert name and address of the company>, (hereinafter referred to as the "Service Provider" which expression will, unless repugnant to the context or meaning thereof, include its successors and permitted assigns and substitutes) of the second part.	M/s <insert name of the selected bidder> represented by its <insert name and designation> -, a Company ( Government /Private /Public etc) incorporated under the provisions of the Companies Act, 1956 (No. 1 of 1956) and having its registered of office at <insert name and address of the company>, (hereinafter referred to as the "Service Provider" which expression will, unless repugnant to the context or meaning thereof, include its successors and permitted assigns and substitutes) of the second part.
10	RFP Page no. 115 Service Level Agreement- Penalties	Penalty on the following points will be imposed on the service provider by the Tender inviting Authority: If there is a delay in Implementation of laboratory services as per the timelines defined in the RFP. Service provider should have started its full-fledged services in 100 percent Mother lab within 2 months after signing of Agreement, 90 percent of Hub labs within 3rd Month and 80 percent of spokes within 4th month of agreement. Beyond 4 months, The signing Authority will penalise the Service Provider an amount of INR 1,00,000 (One lakh rupees) per month per Mother lab for delays in rolling out full fledged services (where all tests have not been rolled out), Rs 25000 per month for each Hub and Spoke labs. A maximum of one extra year could be provided to the service provider for initiation of services in the remaining 10 percent of Hub labs and 20 percent of Spokes without penalties levied for delay in rolling out full fledged services in these facilities. After one extra year over and above the prescribed limit of 4 months, the MD (NHM) will terminate the Agreement with the Service provider. This clause shall	Penalty on the following points will be imposed on the service provider by the Tender inviting Authority: If there is a delay in Implementation of laboratory services as per the timelines defined in the RFP. Service provider should have started its full-fledged services in 100 percent Mother lab within 3 months after signing of Agreement, 90 percent of Hub labs and 80 percent of spokes within 4th month of agreement. Beyond 4 months, The signing Authority will penalise the Service Provider an amount of INR 1,00,000 (One lakh rupees) per month per Mother lab for delays in rolling out full fledged services (where all tests have not been rolled out), Rs 25000 per month for each Hub and Spoke labs. A maximum of one extra year could be provided to the service provider for initiation of services in the remaining 10 percent of Hub labs and 20 percent of Spokes without penalties levied for delay in rolling out full fledged services in these facilities. After one extra year over and above the prescribed limit of 4 months, the MD (NHM) will terminate the Agreement with the Service provider. This clause shall

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दिनांक:- 0405-22

		not include those facilities where services could not be started by the Service provider because of lack of support from State Government, same shall be duly signed by the Government.	
11	Annexure H	Compile sheet of Mother & Hub/ Spokes lab	Revised Annexure H attached

संयुक्त शासन सचिव  
चि० स्वा० एवं प.क.विभाग  
एमडी, एनएचएम एवं

**Revised Annexure D: Qualifications and Human resource to be provided by Service Provider**

S. No.	Human resource	Qualifications	Remuneration	No. of Personnel to be deployed by Service provider at Jaipur Division	No. of Personnel to be deployed by Service provider at Jodhpur Division	Remarks
(1)	Pathologist, Microbiologist, Bio chemist	As per NABL guidelines	75000/- pm (maximum)	Pathologist - 1 Microbiologist - 3 Biochemist - 6	Pathologist - 0 Microbiologist - 5 Biochemist - 7	For Mother lab
(2)	Lab Technicians	10+2 (Biology) + DMLT + registered in PARA Medical council of any state	As per Labour department GoR notification dated 30.07.21, Rs. 326 per day and Rs. 8476 full month	Present gap at Mother, Hub and Spoke lab :-262 For running 24x7 Mother lab :- 17x3= 51 For running 24x7 Hub lab :- 64x2= 128 Total = 262 +51+128= 441 <b>Total 441 lab technician to be deployed by service provider</b>	Present gap at Mother, Hub and Spoke lab :- 507 For running 24x7 Mother lab :- 16x3= 48 For running 24x7 Hub lab :- 53x2= 106 Total = 507+48+106=661 <b>Total 661 lab technician to be deployed by service provider</b>	For Mother , Hub and spoke lab

1. It is understood that department will already have required manpower; however in cases where requisite manpower is not available the service provider will be required to fill the gap. Indicative qualification & remuneration of the manpower is given in the table above, wherever service provider is required to provide the manpower.
2. If any Mother/Hub/Spoke laboratory permanent staff available from recruitment or transfer after gap filling by service provider then total number of staff which were provided by the service provider remuneration will be deduct as proposed from monthly bill or any staff vacant from any Mother /Hub/Spoke lab and gap filled by service provider than total staff provided by the service provider remuneration will be added as proposed in monthly bill.
3. We confirm that the manpower with the required qualifications/ experience as indicated above will be provided under the Contract.
4. Service provider should be made a locum of man power for uninterrupted services.
5. Total 1102 lab technician deployed by the service provider. Out of these 1102 lab technicians, 768 contractual lab technicians are already working in various health institutes. Remaining 334 new lab technicians will be deployed by the service provider. Remuneration of total overall 1102 lab technicians shall be paid by the successful service provider.

**Signature and Stamp of the Service Provider**

Handwritten signatures and initials are present below the signature line, including a large signature on the right and several smaller ones on the left.

## Annxure H

Complile Sheet of Mother & Hub/Spokes Lab													
S.N.	Distirct	Mother lab			Hub lab				Spokes				
		DH	SDH	CHC	SDH	CHC	SAT	Tot.	CHC	PHC	Dis	Urban PHC	Tot.
1	अजमेर	1			3	3		6	20	66		26	112
2	अलवर	1				4	2	6	40	120		8	168
3	बांसवाडा	1				3		3	19	56		5	80
4	बांरा	1				3		3	11	50		3	64
5	बाडमेर	1			1	2		3	24	97		5	126
6	भरतपुर	1		1		3		3	19	70		5	94
7	भीलवाडा	1			1	2		3	25	74		9	108
8	बीकानेर			1		3		3	14	57		18	89
9	बूंदी	1				3		3	11	30		2	43
10	चित्तौडगढ	1			1	3		4	21	48		4	73
11	चुरु	1			2	2		4	16	88		12	116
12	दौसा	1				3		3	14	46		2	62
13	धौलपुर	1				2	1	3	5	30		4	39
14	डूंगरपुर	1			1	2		3	14	58		1	73
15	हनुमानगढ	1				3		3	13	57		4	74
16	गंगानगर	1				3		3	13	57		6	76
17	जयपुर		1		1	4	2	7	33	122		80	235
18	जैसलमेर	1				2		2	8	25		1	34
19	जालोर	1				3		3	9	69		1	79
20	झालावाड		1			3		3	11	43		2	56
21	झुन्झुनू	1			1	3		4	24	112		3	139
22	जोधपुर		1			4	1	5	21	85		24	130
23	करौली	1			1	2		3	12	35		4	51
24	कोटा			1		3		3	9	41		23	73
25	नागोर	1			3	1		4	33	126		8	167
26	पाली	1			1	2		3	23	80		5	108
27	प्रतापगढ	1				3		3	5	31		2	38
28	राजसमंद	1			1	2		3	12	44		1	57
29	स.माधोपुर	1			1	2		3	12	38		5	55
30	सीकर	1			1	3	1	5	29	106		8	143
31	सिरोही	1				3		3	7	28		2	37
32	टोंक	1				3		3	9	59		5	73
33	उदयपुर		1			4		4	26	99		12	137
<b>Total</b>		<b>27</b>	<b>4</b>	<b>3</b>	<b>19</b>	<b>91</b>	<b>7</b>	<b>117</b>	<b>562</b>	<b>2147</b>	<b>0</b>	<b>300</b>	<b>3009</b>
<b>G. total</b>		<b>33</b>			<b>117</b>				<b>3009</b>				



**Revised Annexure T: Specification of the Equipment**

S.N.	RFP Point No./Page No.	Existing provisions/conditions	Amended/Clarified/Added/ Provision/Conditions
1	Annexure T Equipment Name: Glucometer for Mother lab and Hub lab Page No. 70 point No 17	It should have valid USFDA/European CE (notified body) with IVD approval/ ISO 15197 :2013 certified, elated documents should be submitted	It should have valid USFDA/European CE
2	Annexure T Equipment Name: Semi Auto Analyzer For Mother Lab and Hub Lab Page No. 70 point No 3	Should have facility to measure three replicates of one sample and calculate Mean, CV &SD of the same.	Deleted
3	Annexure T Equipment Name: Semi Auto Analyzer For Mother Lab and Hub Lab Page No. 70 point No 11	Instrument must have European CE and USFDA certification.	Instrument must have European CE /USFDA certification.
4	Annexure T Equipment Name: Semi Auto Analyzer For Mother Lab and Hub Lab Page No. 70 point No 17	Analyzer must have following calibrations types. a. Linear, Two point b. K Factor c. Log Logit	Analyzer must have following calibrations types. a. Linear, Two point b. K Factor c. Log Logit d. In kinetic assays measurement Interval should be one second
5	Annexure T Equipment Name: Semi Auto Analyzer For Mother Lab and Hub Lab Page No. 70 point No 22	Measurement temp. range should be from 20-40 degree C with variable 1 degree C increment.	deleted
6	Annexure T Equipment Name: Semi Auto Analyzer For Mother Lab and Hub Lab Page No. 70 point No 23	Analyzer must have following wavelengths as standard. a. 340 nm, 415 nm, 510 nm b. 546 nm, 578 nm, 600 nm c. 660/670 nm, 700 nm d. Add Filters with +_10nm acceptable.	Analyzer must have wavelengths ranges from 340 nm-700 nm
7	Annexure T Equipment Name: Fully Auto Biochemistry Analyzer With Electrolyte For Mother Lab Page No. 71 point No 13	Should have the USFDA & European CE Certificates	Should have the USFDA /European CE Certificates
8	Annexure T Equipment Name: Fully Auto Biochemistry Analyzer With Electrolyte For Mother Lab Page No. 71 point No 19	It should have filter/diffraction grating photometric detection 1 section is the spectral range 340 nm to 670 nm.	It should have filter/diffraction grating photometric detection with spectral range 340 nm to 670 nm.
9	Annexure T Equipment Name: SPECIFICATION OF LOW THROUGHPUT BIOCHEMISTRY ANALYZER for hub lab Page No. 72 point No 11	Should have Halogen Lamp ( with working life of more than 1000 hours.	Should have Halogen Lamp/LED (with working life of more than 1000 hours.
10	Annexure T Equipment Name: SPECIFICATION OF LOW THROUGHPUT BIOCHEMISTRY ANALYZER for hub lab Page No. 72 point No 22	Should have separate probe for reagents and sample	Deleted
11	Annexure T Equipment Name: SPECIFICATION OF LOW THROUGHPUT BIOCHEMISTRY ANALYZER for hub lab Page No. 72 point No 25	System should have automatic measurement of the fluidic system, equipped with air bubble detection technology to ensure optimum performance.	Deleted
12	Annexure T Equipment Name:	It should meet all relevant internationally recognized	It should meet all relevant internationally recognized

	<b>SPECIFICATION OF LOW THROUGHPUT BIOCHEMISTRY ANALYZER for hub lab</b> Page No. 72 point No 30	accreditation such as USFDA and European CE approved.	accreditation such as USFDA/European CE approved.
13	<b>Annexure T Equipment Name: Immunoassay Analyzer For Mother Lab</b> Page No. 72 point No 21	The Instrument should be USFDA & CE approved.	The Instrument should be USFDA/ European CE approved.
14	<b>Annexure T Equipment Name: Automated Blood Gas Analyzer</b> Page No. 73 point No 13	Product should be USFDA and European CE approved.	Product should be USFDA/European CE approved.
15	<b>Annexure T Equipment Name: Digital Haemoglobino meter For Mother Lab and Hub Lab</b> Page No. 73	<p>SHOULD BE A</p> <p>(1) BATTERY OPERATED,</p> <p>(2) HAND-HELD AND A</p> <p>(3) PROTABLE UNIT IDEAL FOR MASS SCREENING AS WELL AS IN CLINICAL SETTING.</p> <p>THE INSTRUMENT SHOULD USE FINGER PRICKED BLOOD SAMPLE.</p> <p>QUANTITATIVE MEASUREMENT SHOULD BE BASED ON ELECTRICAL CONDUCTIVITY/ REFLECTANCPHOTOMETRY/A BSORBANCE PHOTOMETRY (Desired method—<b>Optical Method of Transmittance</b>).</p> <p>SHOULD HAVE AN AMR RANGING BETWEEN 0 AND MINIMUM <math>\geq 20\%</math> HAEMOGLOBIN.</p> <p>SAMPLE REQUIREMENT SHOULD NOT BE MORE THAN 10 <math>\mu</math>L.</p> <p>MEASURMENT TIME SHOULD NOT BE MORE THAN A MINUTE FACILITATING . THE INSTRUMENT IDEAL FOR MASS SCREENING PROGRAMMES.</p> <p>THE INSTRUMENT MUST HAVE A GOOD CORRELATION (&gt;98%) IN COMPARISON WITH ANY3 PART CELL COUNTER.</p> <p><b>User Interface</b></p> <p>THE INSTRUMENT MUST HAVE A MEMORY TO STORE ATLEAST <math>\geq 500</math> TEST RESULTS WITH DATE AND TIME.</p> <p>SHOULD BE OPERATABLE AT A RELATIVE HUMIDITY RANGE BETWEEN 10% AND 90%</p> <p>THE INSTRUMENT MUST BE BATTERY OPERATED WITH EITHER AA OR AAA OR RECHARGABLE BATTERIES THE DEVICE SHOULD CARRY EUROPIAN CE / USFDA CONTACT DETAILS OF MANUFACTURER, SUPPLIER AND LOCAL SERVICE AGENT TO BE PROVIDED.</p>	<p>Should be a</p> <p>(1) battery operated,</p> <p>(2) hand-held and</p> <p>(3)Portable unit ideal for mass screening as well as in clinical setting. The instrument should use finger pricked blood sample.</p> <p>Quantitative measurement should be based on electrical conductivity/ reflection photometry/absorbance photometry (desired method—<b>optical method of transmittance</b>).</p> <p>Should have an AMR ranging between 0% and 25% haemoglobin.</p> <p>Sample requirement should not be more than 10 <math>\mu</math>l.</p> <p>Measurement time should not be more than a minute facilitating the instrument ideal for mass screening programmers.</p> <p>The instrument must have a good correlation (&gt;98%) in comparison with any3 part cell counter.</p> <p><b>User Interface</b></p> <p>The instrument must have a memory to store at least <math>\geq 500</math> test results with date and time.</p> <p>Should be opera table at a relative humidity range between 10% and 90%</p> <p>The instrument must be battery operated with either AA Or AAA or rechargeable batteries</p> <p>The device should carry European CE / USFDA.</p>
16	<b>Annexure T Equipment Name: 3 PART cellcounter Analyzer For Mother Lab and Hub Lab</b>	Should be fully automated three part hematology Analyzer providing 20 parameters including 3-part differential	Should be fully automated three part hematology Analyzer providing Standard 20 parameters including 3-part differential



	Page No. 73 point No 1		
17	Annexure T Equipment Name: 3 PART cell counter Analyzer For Mother Lab and Hub Lab Page No. 73 point No 2	The system should give a differential count as Lymphocytes, mid population and Granulocytes	The system should give a differential count as Lymphocytes, mid population/Monocytes and Granulocytes
18	Annexure T Equipment Name: 3 PART cell counter Analyzer For Mother Lab and Hub Lab Page No. 74 point No 10	The system should have Open mode as well as pre diluted mode of sample aspiration.	The system should have Open mode as well as pre diluted mode of sample aspiration.
19	Annexure T Equipment Name: Five Part Hematology Analyzer For Mother Lab and Hub Lab Page No. 74 point No 7	It should give minimum 29 parameters as under- WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC, IG%, IG#, AL%, AL# LIC/LUC.	It should give minimum parameters as under- WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC, IG%, IG#, LIC%,LIC#/LUC%,LUC# and AL%, AL#
20	Annexure T Equipment Name: Five Part Hematology Analyzer For Mother Lab and Hub Lab Page No. 74 point No 24	Should have the following Linearity range <b>Parameter</b> <b>Linearity Range</b> <b>WBC</b> 0.0 - 300 x 10 <sup>9</sup> /L <b>RBC</b> 0.0 - 8.5 x 10 <sup>12</sup> /L <b>HGB</b> 0.0 - 25.0 g/dL <b>PLT</b> 0.0 - 3000 x 10 <sup>9</sup> /L	Should have the following Linearity range <b>Parameter</b> <b>Linearity Range</b> <b>WBC</b> 0.5 - 300 x 10 <sup>9</sup> /L <b>RBC</b> 0.2 - 8.5 x 10 <sup>12</sup> /L <b>HGB</b> 1.5 - 24.0 g/dL <b>PLT</b> 0.0 - 3000 x 10 <sup>9</sup> /L
21	Annexure T Equipment Name: Five Part Hematology Analyzer For Mother Lab and Hub Lab Page No. 74 point No 33	Operating temperature should be 18-32° C (64-90° F), Humidity 20 - 85 %.	Deleted
22	Annexure T Equipment Name: Five Part Hematology Analyzer For Mother Lab and Hub Lab Page No. 74 point No 35	Detailed flog information	Deleted
23	Annexure T Equipment Name: ESR Analyzer For Hub Lab Page No. 74 point No 3	Instrument should work as random access analyzer	Instrument should work as random access analyzer/Batch analyzer
24	Annexure T Equipment Name: ESR Analyzer For Hub Lab Page No. 74-75 point No 8-9	8.Should report results corrected to 18°C according to Manley chart after measuring the 9.Ambient room temperature.	Should report results corrected to 18°C according to Manley chart after measuring the ambient room temperature.
25	Annexure T Equipment Name: ESR Analyzer For Hub Lab Page No.75 point No 19	Ambient Temperature range of operation should be 15 - 32 °C & Humidity 45-85 %	Deleted
26	Annexure T Equipment Name: ESR Analyzer For Mother Lab Page No.75 point No 25	Ambient Temperature range of operation should be 15 - 32 °C & Humidity 45-85 %.	Deleted
27	Annexure T Equipment Name: Urine Analyzer For Hub Lab Page No.75	5.Test Parameters : Should be capable of reading following parameters 6.Blood, Bilirubin, Urobilinogen	5.Test Parameters : Should be capable of reading following parameters:- Blood, Bilirubin, Urobilinogen, Ketones, Protein, Nitrite, Glucose, pH,

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	point No 5,6,7	Ketones, Protein, Nitrite, 7.Glucose, pH, SG, Leucocytes, Ascorbic acid, Microalbumin, Creatinine, ACR, Color & Clarity in different combinations from 2-11 parameters.	SG, Leucocytes, Ascorbic acid, Microalbumin, Creatinine, ACR, Color & Clarity in different combinations from 2-11 parameters.
28	Annexure T Equipment Name:Urine Analyzer For Hub Lab Page No.75 point No 02  Point No. 14	Throughput : Should be 200 Tests/hour with quick mode & 36 Tests/hour with routine mode. Manufacturing company should have three level quality controls.	Throughput : Should be 100 Tests/hour with quick mode & 36 Tests/hour with routine mode. Manufacturing company should have Two level quality controls.
29	Annexure T Equipment Name:Urine Analyzer For Mother Lab Page No.75 point No 3	Throughput: Should be 650-750 Test strips/hour.	Throughput: Should be 200 Test strips/hour.
30	Annexure T Equipment Name:Urine Analyzer For Mother Lab Page No.76 point No 14	Manufacturing company should have three level quality controls.	. Manufacturing company should have two level quality controls.
31	Annexure T Equipment Name:Urine Analyzer For Mother Lab Page No.76 point No 17-18	Firm should quote rate of strip 11 parameters with microalbuminuria and 11 parameters without microalbuminuria 18. Latency -55 Sec.	Deleted
32	Annexure T Equipment Name: Coagulation Analyzer For Hub Lab Page No.76 point No 3	Should be able to measure clotting of whole blood & plasma (normal/colored) samples.	Should be able to measure clotting of whole blood or plasma (normal/colored) samples.
33	Annexure T Equipment Name: Elisa Reader & Washer For Mother Lab Page No.77 point No 16	Instrument should be European CE and US-FDA Certified and relevant certificates should be submitted.	Instrument should be European CE/US-FDA Certified and relevant certificates should be submitted.
34	Annexure T Equipment Name: Elisa Reader For Mother Lab Page No.77 point No 17	Should have USB/bi-directional port.	Should have USB/RS 232 port/Bi- directional port.
35	Annexure T Equipment Name: Micro plate washer Page No.78 point No 15	Instrument should be European CE & US-FDA certified and relevant certificate should be submitted.	Instrument should be European CE/US-FDA certified and relevant certificate should be submitted.
36	Annexure T Equipment Name: Micro plate washer Page No.78 point No 17	Should have USB/RS -232 port.	Deleted
37	Annexure T Equipment Name: Automated Blood Culture For Mother Lab Page No.78 point No 15	System should be CE & US-FDA approved.	System should be European CE/US- FDA approved. <b>Re-Numbered as point no. 16</b>
38	Annexure T Equipment Name: Automated Blood Culture For Mother Lab Page No.78		Newly added as point No.15 Blood culture media bottle should be of unbreakable material to ensure laboratory safety.
39	Annexure T Equipment Name: Automatic Tissue Processor carousal type Page No.79 Point No. 13	System should have a minimum of 100 users along with a suitable user-list in justification.	Deleted
40	Annexure T Equipment Name: Automatic Tissue Processor carousal type Page No.79 Point No. 14	system should be USFDA & CE Certified. should have appropriate cabinet to keep the instrument and protect from dust etc.	system should be USFDA/ European CE Certified. should have appropriate cabinet to keep the instrument and protect from dust etc.

41	<b>Annexure T Equipment Name: Specification Fully Automatic Rotary Microtome Page No.79 Point No. 27</b>	Unit must be USFDA & CE approved	Unit must be USFDA/ European CE approved
42	<b>Annexure T Equipment Name: Specification Fully Automatic Rotary Microtome Page No.79 Point No. 28</b>	Bidder must provide list of installation base of up to 50 units.	Deleted
43	<b>Annexure T Equipment Name: Fully Auto Biochemistry Analyzer With Electrolyte For Mother Lab Page No.71 Point No. 31</b>	Should have minimum 100 sample positions.	Should have minimum 80 sample positions.
44	<b>Annexure T Equipment Name: Fully Auto Biochemistry Analyzer With Electrolyte For Mother Lab Page No.71 Point No. 10</b>	Should have separate probes for reagents and separate probe for samples.	Deleted


 A series of handwritten signatures and initials in black ink, including a stylized 'H', a signature with a long horizontal stroke, a signature with a circular flourish, a signature with a large 'S', and a signature that appears to be 'D. H. P.' with a flourish.

<b>Test load DH/SDH/SH/CHC/PHC/Dispensary</b>		
<b>Rajasthan Medical Services Corporation Ltd.</b>		
<b>Test wise Total As per Hospital Type</b>		
<b>TYPE NAME : Dist. Hospital</b>		
<b>FROM DATE : 01-Apr-2021</b>		
<b>TO DATE : 31-Mar-2022</b>		
<b>SNO</b>	<b>TEST NAME</b>	<b>TOTAL TEST COUNT</b>
1	ASLO	7376
2	BT-Bleeding Time	129341
3	Blood Urea	387587
4	Blood group (ABO-RH Typing)	259238
5	Blood sugar (F) (PP)	577196
6	CBC- Complete Blood Count	1001347
7	CT-Clotting Time	129184
8	Cell Count & Bio-chemistry(CSF/Pleural/Ascitic)	361
9	Coombs Test-Direct	66
10	Coombs Test-InDirect	135
11	DLC-Differential Leukocyte Count	231060
12	Dengue Test	134350
13	ECG	159946
14	ESR-Erythrocytic Sedimentation Rate	139824
15	HBs Ag (rapid) test	262473
16	HIV rapid test	238818
17	Hb-Hemoglobin	350717
18	MP Slide method-Malaria Parasite Slide Method	151711
19	Malaria by card test	97030
20	PBF-Peripheral Blood Film	5534
21	Packed Cell Volume(PCV)	163921
22	Platelet Count by Cell Counter	331076
23	Prothrombin time test INR	1341
24	Rheumatoid factor (RF)	39404
25	S.CRP	114095
26	SGOT	382245
27	SGPT	404460
28	Semen Analysis sperm Count(Manual)	1452
29	Serum Albumin	88668
30	Serum Alk. Phosphatase	123582
31	Serum Amylase	15472
32	Serum Bilirubin (D)	298048
33	Serum Bilirubin (T)	376985
34	Serum CK-MB	6246
35	Serum CK-NAC	4223
36	Serum Calcium	49724
37	Serum Creatinine	389326
38	Serum HDL	44795
39	Serum LDH	5905
40	Serum Total Cholesterol	54846
41	Serum Total Protein	101014
42	Serum Triglyceride	49576
43	Serum Uric Acid	60362
44	Serum VLDL	34772
45	Sputum for AFB	19075
46	Stool for OVA & CYST	231
47	TEC - Total Eosinophilic Count	23360
48	TLC-Total Leukocyte Count	231195
49	Total Red Blood Cell Count	301255
50	USG	200924
51	Urine Complete	247075
52	Urine Complete by Strip Method	7149
53	Urine Microscopy	157770
54	Urine Pregnancy Test (UPT)	77436
55	VDRL rapid test	164588
56	Widal Slide Test	172886
57	X-Ray	597743

Rajasthan Medical Services Corporation Ltd.

Test wise Total As per Hosptal Type		
TYPE NAME : SDH		
FROM DATE : 01-Apr-2021		
TO DATE : 31-Mar-2022		
SNO	TEST NAME	TOTAL TEST COUNT
1	ASLO	3066
2	BT-Bleeding Time	39285
3	BT/CT Time	131
4	Blood Urea	90767
5	Blood group (ABO-RH Typing)	106924
6	Blood sugar (F) (PP)	244675
7	CBC- Complete Blood Count	395706
8	CT-Clotting Time	40052
9	Cell Count & Bio-chemistry(CSF/Pleural/Ascitic)	6748
10	Coombs Test-Direct	332
11	Coombs Test-InDirect	201
12	DLC-Differential Leukocyte Count	91979
13	Dengue Test	39800
14	ECG	58052
15	ESR-Erythrocytic Sedimentation Rate	63881
16	HBs Ag (rapid) test	59427
17	HIV rapid test	95958
18	Hb-Hemoglobin	144662
19	MP Slide method-Malaria Parasite Slide Method	102766
20	Malaria by card test	48620
21	PBF-Peripheral Blood Film	1887
22	Packed Cell Volume(PCV)	49247
23	Platelet Count by Cell Counter	128911
24	Prothrombin time test INR	1343
25	Rheumatoid factor (RF)	8561
26	S.CRP	36863
27	SGOT	88115
28	SGPT	89252
29	Semen Analysis sperm Count(Manual)	994
30	Serum Albumin	20527
31	Serum Aik. Phosphatase	25008
32	Serum Amylase	5860
33	Serum Bilirubin (D)	64419
34	Serum Bilirubin (T)	74690
35	Serum CK-MB	2712
36	Serum CK-NAC	2551
37	Serum Calcium	13234
38	Serum Creatinine	83014
39	Serum HDL	16825
40	Serum LDH	8832
41	Serum Total Cholesterol	18057
42	Serum Total Protein	20589
43	Serum Triglyceride	16792
44	Serum Uric Acid	11062
45	Serum VLDL	15168
46	Sputum for AFB	23665
47	Stool for OVA & CYST	1174
48	TEC - Total Eosinophilic Count	11658
49	TLC-Total Leukocyte Count	91220
50	Total Red Blood Cell Count	127420
51	USG	94872
52	Urine ALB/Sugar	8184
53	Urine Complete	108659
54	Urine Complete by Strip Method	20172
55	Urine Microscopy	58345
56	Urine Pregnancy Test (UPT)	64147
57	VDRL rapid test	70339
58	Widal Slide Test	61259
59	X-Ray	252073

**Rajasthan Medical Services Corporation Ltd.**

**Test wise Total As per Hospital Type**

TYPE NAME : Sat. Hospital

FROM DATE : 01-Apr-2021

TO DATE : 31-Mar-2022

SNO	TEST NAME	TOTAL TEST COUNT
1	ASLO	3023
2	BT-Bleeding Time	4368
3	Blood Urea	21495
4	Blood group (ABO-RH Typing)	21763
5	Blood sugar (F) (PP)	67733
6	CBC- Complete Blood Count	107440
7	CT-Clotting Time	4321
8	Cell Count & Bio-chemistry(CSF/Pleural/Ascitic)	197
9	Coombs Test-Direct	125
10	Coombs Test-InDirect	135
11	DLC-Differential Leukocyte Count	15595
12	Dengue Test	9901
13	ECG	11395
14	ESR-Erythrocytic Sedimentation Rate	27049
15	HBs Ag (rapid) test	10277
16	HIV rapid test	28778
17	Hb-Hemoglobin	68393
18	MP Slide method-Malaria Parasite Slide Method	31516
19	Malaria by card test	6265
20	PBF-Peripheral Blood Film	8
21	Packed Cell Volume(PCV)	14370
22	Platelet Count by Cell Counter	15077
23	Prothrombin time test INR	221
24	Rheumatoid factor (RF)	3305
25	S.CRP	6372
26	SGOT	31987
27	SGPT	32341
28	Semen Analysis sperm Count(Manual)	381
29	Serum Albumin	3437
30	Serum Alk. Phosphatase	4960
31	Serum Amylase	148
32	Serum Bilirubin (D)	24743
33	Serum Bilirubin (T)	26350
34	Serum CK-MB	506
35	Serum CK-NAC	3
36	Serum Calcium	169
37	Serum Creatinine	21259
38	Serum HDL	2661
39	Serum LDH	265
40	Serum Total Cholesterol	8037
41	Serum Total Protein	3081
42	Serum Triglyceride	5950
43	Serum Uric Acid	3976
44	Serum VLDL	2624
45	Sputum for AFB	6885
46	Stool for OVA & CYST	184
47	TEC - Total Eosinophilic Count	6470
48	TLC-Total Leukocyte Count	15502
49	Total Red Blood Cell Count	15317
50	USG	944
51	Urine Complete	41275
52	Urine Complete by Strip Method	7431
53	Urine Microscopy	39694
54	Urine Pregnancy Test (UPT)	16337
55	VDRL rapid test	18408
56	Widal Slide Test	38239
57	X-Ray	76229

**Rajasthan Medical Services Corporation Ltd.****Test wise Total As per Hosptal Type**

TYPE NAME : CHC

FROM DATE : 01-Apr-2021

TO DATE : 31-Mar-2022

SNO	TEST NAME	TOTAL TEST COUNT
1	ASLO	23
2	BT-Bleeding Time	109571
3	BT/CT Time	7439
4	Blood Urea	151900
5	Blood group (ABO-RH Typing)	493768
6	Blood sugar (F) (PP)	1866945
7	CBC- Complete Blood Count	2418965
8	CT-Clotting Time	111583
9	Coombs Test-InDirect	0
10	DLC-Differential Leukocyte Count	1010537
11	ECG	88803
12	ESR-Erythrocytic Sedimentation Rate	315350
13	HBs Ag (rapid) test	155
14	HIV rapid test	565466
15	Hb-Hemoglobin	1989733
16	MP Slide method-Malaria Parasite Slide Method	1077802
17	Malaria by card test	32
18	Packed Cell Volume(PCV)	718791
19	Platelet Count by Cell Counter	1040349
20	Rheumatoid factor (RF)	13
21	S.CRP	61
22	SGOT	280229
23	SGPT	287119
24	Serum Albumin	65723
25	Serum Alk. Phosphatase	66178
26	Serum Bilirubin (D)	195809
27	Serum Bilirubin (T)	222350
28	Serum Calcium	2
29	Serum Creatinine	154477
30	Serum HDL	53957
31	Serum Total Cholesterol	71743
32	Serum Total Protein	54373
33	Serum Triglyceride	58941
34	Serum VLDL	48218
35	Sputum for AFB	193647
36	Stool for OVA & CYST	11347
37	TLC-Total Leukocyte Count	1028528
38	Total Red Blood Cell Count	996302
39	USG	80
40	Urine ALB/Sugar	36452
41	Urine Complete	516273
42	Urine Complete by Strip Method	535519
43	Urine Microscopy	315573
44	Urine Pregnancy Test (UPT)	492031
45	VDRL rapid test	409424
46	Widal Slide Test	742663
47	X-Ray	677452

**Rajasthan Medical Services Corporation Ltd.****Test wise Total As per Hosptal Type**

TYPE NAME : PHC

FROM DATE : 01-Apr-2021

TO DATE : 31-Mar-2022

SNO	TEST NAME	TOTAL TEST COUNT
1	BT-Bleeding Time	23
2	BT/CT Time	69114
3	Blood Urea	1
4	Blood group (ABO-RH Typing)	211971
5	Blood sugar (F) (PP)	1128676
6	CBC- Complete Blood Count	33
7	CT-Clotting Time	23
8	DLC-Differential Leukocyte Count	144972
9	ECG	3
10	ESR-Erythrocytic Sedimentation Rate	110751
11	HIV rapid test	225109
12	Hb-Hemoglobin	1047204
13	MP Slide method-Malaria Parasite Slide Method	725987
14	Sputum for AFB	90577
15	Stool for OVA & CYST	9552
16	TLC-Total Leukocyte Count	156481
17	Total Red Blood Cell Count	3
18	Urine ALB/Sugar	407757
19	Urine Complete	57
20	Urine Complete by Strip Method	1170
21	Urine Microscopy	2
22	Urine Pregnancy Test (UPT)	230439
23	VDRL rapid test	170321
24	Widal Slide Test	228133
25	X-Ray	138



**Rajasthan Medical Services Corporation Ltd.**

**Test wise Total As per Hosptal Type**

**TYPE NAME : Dispensary**

**FROM DATE : 01-Apr-2021**

**TO DATE : 31-Mar-2022**

<b>SNO</b>	<b>TEST NAME</b>	<b>TOTAL TEST COUNT</b>
1	BT/CT Time	1016
2	Blood group (ABO-RH Typing)	6774
3	Blood sugar (F) (PP)	61205
4	DLC-Differential Leukocyte Count	7760
5	ESR-Erythrocytic Sedimentation Rate	5381
6	HIV rapid test	5414
7	Hb-Hemoglobin	28134
8	MP Slide method-Malaria Parasite Slide Method	33478
9	Sputum for AFB	3624
10	Stool for OVA & CYST	205
11	TLC-Total Leukocyte Count	7757
12	Urine ALB/Sugar	8114
13	Urine Pregnancy Test (UPT)	6211
14	VDRL rapid test	4410
15	Widal Slide Test	4880