

SHAIKH ZAYED HOSPITAL, LAHORE

DEPARTMENT OF BIOMEDICAL ENGINEERING

Technical Evaluation of Blood Bank Lab Equipment

Laboratory Kits & Chemicals

Tender for Biomedical 2019 – 2020

Opened On 08 / 08 / 2019

Evaluation for Blood Bank Equipment

1. Fully Automated Random Access Chemiluminescence Analyzer on Reagent Rental Bases
2. Cross Match on Gel Technique (Star Gel)

10. MIC	Blood Agar Base	1. Musajji Adam & Son Oxoid, UK Responsive	2. Three Stars Medical S. bio Non-Responsive (Not CE-Marked) 2. Three Stars Medical S. bio Non-Responsive (Not CE-Marked)	3. Lab Chem Biolife Italy Responsive	4. Gulf Marketing Inter Chromagar, France Non-Responsive (Not to Specifications) 4. Bio Sphere Marketing Mast, UK Responsive	5. Bio Sphere Marketing Mast, UK Responsive
11. MIC	Brain Heart Infusion Borth	1. Musajji Adam & Son Oxoid, UK Responsive	2. Three Stars Medical S. bio Non-Responsive (Not CE-Marked)	3. Lab Chem Biolife, Italy Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Bio Sphere Marketing Mast, UK Responsive
12. MIC	Basic Fuchsin Powder	1. Musajji Adam & Son Daejung/Korea Responsive	2. Lab Chem Scharlau, Spain Responsive	3. Dia Zone BDH/Sigma Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Bio Sphere Marketing Mast, UK Responsive
13. MIC	Blood Culture Bottle	1. Three Stars Medical Biomed Responsive	2. Dia Zone RSM Responsive	3. Dia Zone Pakistan Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Bio Sphere Marketing Mast, UK Responsive
14. MIC	Benedict's Solution	1. Musajji Adam & Son Daejung, Korea Responsive	2. Three Stars Medical Pakistan Responsive	3. Dia Zone Pakistan Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Bio Sphere Marketing Mast, UK Responsive
15. MIC	Blood Culture Bottle Media for BD (BECTEC) i). Aerobic ii). Anaerobic iii). Paediatric	Not Quoted	Not Quoted	3. Dia Zone Pakistan Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Bio Sphere Marketing Mast, UK Responsive
16. MIC	Bectec MGGT Reagents	Not Quoted	Not Quoted	3. Dia Zone Pakistan Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Bio Sphere Marketing Mast, UK Responsive
17. MIC	BD Flowcytometer Reagents	Not Quoted	Not Quoted	3. Dia Zone Pakistan Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Bio Sphere Marketing Mast, UK Responsive
18. MIC	Conical Flasks (Glass, 1/Liter)	1. Musajji Adam & Sons Borosil, India Responsive	2. Moon Enterprises Atlas, UK Responsive	3. Dia Zone Pakistan Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Bio Sphere Marketing Mast, UK Responsive
19. MIC	Cover Slips 18 x 18 (Germany)	1. Three Stars Medical GmbH Responsive	2. Moon Enterprises ImuMed, China Responsive	3. Dia Zone GmbH Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Bio Sphere Marketing Mast, UK Responsive
20. MIC	CRP Kit (Latex)	S. bio Non-Responsive (Not CE-Marked)	2. Moon Enterprises Atlas, UK Responsive	3. Dia Zone Fourtress, UK Non-Responsive (Not CE-Marked)	4. Gulf Marketing Int Dot Diagnostics Germany Responsive	5. Bio Sphere Marketing Giese Diagnostics, Italy Responsive
21. MIC	C ₁ C ₄ Kit (RID)	1. Hoora Pharma Siemens, USA Responsive	2. Moon Enterprises Atlas, UK Responsive	3. Dia Zone Fourtress, UK Non-Responsive (Not CE-Marked)	4. Gulf Marketing Int Dot Diagnostics Germany Responsive	5. Bio Sphere Marketing Giese Diagnostics, Italy Responsive
22. MIC	CLED Agar	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical S. bio Non-Responsive (Not CE-Marked)	3. Lab Chem Biolife, Italy Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Gulf Marketing Int Chrono, France Non-Responsive (Not to Specifications)
23. MIC	C. Difficile toxin Assay (Immuno Chromatographic)	1. Lab Chem Biolife, Italy Responsive	2. Bio Sphere Marketing Aero Biotech, USA Non-Responsive (Not CE-Marked)	3. Lab Chem Biolife, Italy Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Gulf Marketing Int Chrono, France Non-Responsive (Not to Specifications)
24. MIC	Consumables for Millipore/Milli-Q water filtration System a). Proguard-treatment Pack b). Vent Filter	1. Chempure Merck Millipore Responsive	2. Bio Sphere Marketing Aero Biotech, USA Non-Responsive (Not CE-Marked)	3. Lab Chem Biolife, Italy Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Gulf Marketing Int Chrono, France Non-Responsive (Not to Specifications)

1. Fully Automated Random Access Chemiluminescence Analyzer on Reagent Rental Bases

SR #	KNOCK OUT CLAUSES	Ms ROCHE	M/s ZedCo	M/s Hooraa Pharma
1.	Original receipt for purchase of the Tender.	Yes	Yes	Yes
2.	2% CDR as per Tender Enquiry with Technical Bid	Yes	Yes	Yes
3.	<ul style="list-style-type: none"> Sole Distributor (If the Bidder is Sole Distributor he will provide valid Sole Distributor Certificate duly attested by the Embassy of Pakistan in the Country of Origin or Embassy of Origin in Pakistan) If the Bidder is not Sole Distributor for said Equipment in Pakistan having Minimum 05 (Five) Years Repair / Service & Maintenance Contract History of the said / Biomedical Equipment in the Market / leading Teaching Hospitals. (Documentary Proof, Copy of Performance Certificate) 	Yes	Yes	Yes
4.	The Certificate of the Manufacturer that the Equipment placed / Installed by the Bidder against this tender will be Brand New and latest (available on manufactures website) (Import 9y/Documents will be J-submitted at the time of Installation / Inspection of the Respected Equipment (s) by the successfully BIDDER). No refurbished equipment will be accepted.	Yes	Yes	Yes
5.	Certificate from the Manufacturer that complete, Maintenance and back up support with original Parts shall be provided jointly with the local Sole Agent and in case of change of local Sole Agent provision of services shall be sole responsibility of the Manufacturer through his local or International sources.	Yes	Yes	Yes
6.	Minimum (05) Five YEAR'S Business history from the date of Registration of the respected Product by the BIDDER against this tender.	Yes	Yes	Yes
7.	List of Leading Government Teaching Hospital in Pakistan, Documentary Proof by the BIDDER. The Committee may ask for the Visit / of the Quoted of the respected Product and Visit / Inspection of the Reference Site.	Yes	Yes	Yes
8.	All at least ONE CERTIFICATE out of the following regarding quality of the respected Equipment (s) and kits by the Manufacturer (FDA, CE / MDD, JIS).	Yes	Yes	Yes
09.	The Country of Origin of the Quoted Product must be USA, Europe & Japan.	Yes	Yes	Yes
10.	Acceptance of the Terms and Condition, Tender Documents duly signed & stamped/	Yes	Yes	Yes
11.	Certificate from the Manufacturer of Equipment that all quoted kits are validated on their Equipment specific to this tender.	Yes	Yes	Yes
12.	Company Profile including Engineering and Managerial Capability of the BIDDER	Yes	Yes	Yes
13.	Bank Statement / Balance sheet, NTN GST (PST and Professional Tax Certificates of the BIDDER	Yes	Yes	Yes
		Responsive	Responsive	Responsive

Three (03) Companies / Firms had Participate in this Tender, **M/s Roche, M/s Zedco, Ms Hooraa Pharma**
All (03) Three Companies / Firm (s) M/s Roche, M/s Zedco and M/s Hooraa Pharma has qualified and declared **RESPONSIVE**
 against Knock Out Criteria as mentioned in Bidding Documents

Conti.....

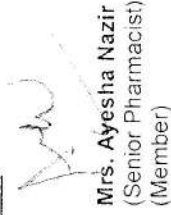
2. Cross Match on Gel Technique (Star Gel)

SR #	KNOCK OUT CLAUSES	Ms DMA	M/s Zedco
1.	Original receipt for purchase of the Tender.	Yes	Yes
2.	2% CDR as per Tender Enquiry with Technical Bid	Yes	Yes
3.	<ul style="list-style-type: none"> Sole Distributor (If the Bidder is Sole Distributor he will provide valid Sole Distributor Certificate duly attested by the Embassy of Pakistan in the Country of Origin or Embassy of Origin in Pakistan) If the Bidder is not Sole Distributor for said Equipment in Pakistan having Minimum 05 (Five) Years Repair / Service & Maintenance Contract History of the said / Biomedical Equipment in the Market / leading Teaching Hospitals. (Documentary Proof, Copy of Performance Certificate) 	Yes	Yes
4.	The Certificate of the Manufacturer that the Equipment placed / Installed by the Bidder against this tender will be Brand New and latest (available on manufacturers website) (Import 5y Documents will be]-submitted at the time of Installation / Inspection of the Respected Equipment (\$) by the successfully BIDDER). No refurbished equipment will be accepted.	Yes	Yes
5.	Certificate from the Manufacturer that complete, Maintenance and back up support with original Parts shall be provided jointly with the local Sole Agent and in case of change of local Sole Agent provision of services shall be sole responsibility of the Manufacturer through his local or international sources.	Yes	Yes
6.	Minimum (05) Five YEAR'S Business history from the date of Registration of the respected Product by the BIDDER against this tender.	Yes	Yes
7.	List of Leading Government Teaching Hospital in Pakistan. Documentary Proof by the BIDDER. The Committee may ask for the Visit / of the Quoted of the Respected Product and Visit / Inspection of the Reference Site	Yes	Yes
8.	At least ONE CERTIFICATE out of the following regarding quality of the respected Equipment (s) and kits by the Manufacturer (FDA, CE / MDD, JIS).	Yes	Yes
09.	The Country of Origin of the Quoted Product must be USA, Europe & Japan	Yes	Yes
10.	Acceptance of the Terms and Condition, Tender Documents duly signed & stamped/	Yes	Yes
11.	Certificate from the Manufacturer of Equipment that all quoted kits are validated on their Equipment specific to this tender.	Yes	Yes
12.	Company Profile including Engineering and Managerial Capability of the BIDDER	Yes	Yes
13.	Bank Statement / Balance sheet, NTN GST (PST and Professional Tax Certificates of the BIDDER	Yes	Yes
		Responsive	Responsive

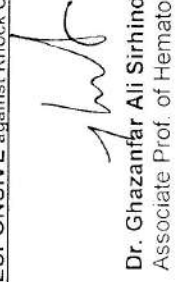
Two (02) Companies / Firms had Participate in this Tender, M/s DMA and M/s Zedco,

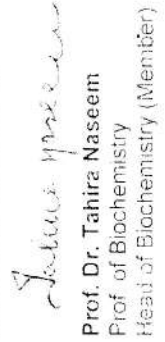
Both Companies / Firm (s) Ms DMA and M/s Zedco has qualified and declared **RESPONSIVE** against Knock Out Criteria as mentioned in Bidding Documents


Tahira Naseem
O/I Department of
Biomedical Engineering
Member, Prepared the TE


Mrs. Ayesha Nazir
(Senior Pharmacist)
(Member)


Dr. Munawar Hussain Shah
Dy. Administrator (Pharmacy)


Dr. Ghazanfar Ali Sirhindi
Associate Prof. of Hematology (Member)


Prof. Dr. Tahira Naseem
Prof. of Biochemistry
Head of Biochemistry (Member)


Prof. Dr. MATEEN IZHAR
Chairman Dean

SHAIKH ZAYED HOSPITAL, LAHORE

DEPARTMENT OF BIOMEDICAL ENGINEERING

Technical Evaluation of Microbiology Lab Equipment

Laboratory Kits & Chemicals for 2019 – 2020

Opened On 08 / 08 / 2019


Microbiology

- 1. Fully Automated Random Access System**
- 2. Real Time PCR Analyzer on Placement Basis**

Fully Automated Random Access Chemiluminescence Analyzer on Reagent Rental Bases

SR #	KNOCK OUT CLAUSES	Ms. ROCHE	M/s ZedCo	M/s Hoor Pharma	Ms. DMA
1.	Original receipt for purchase of the Tender.	Yes	Yes	Yes	Yes
2.	2% CDR as per Tender Enquiry with Technical Bid	Yes	Yes	Yes	Yes
3.	<ul style="list-style-type: none"> Sole Distributor (If the Bidder is Sole Distributor he will provide valid Sole Distributor Certificate duly attested by the Embassy of Pakistan in the Country of Origin or Embassy of Origin in Pakistan) If the Bidder is not Sole Distributor for said Equipment in Pakistan having Minimum 05 (Five) Years Repair / Service & Maintenance Contract History of the said / Biomedical Equipment in the Market / leading Teaching Hospitals. (Documentary Proof, Copy of Performance Certificate) 	Yes	Yes	Yes	Yes
4.	The Certificate of the Manufacturer that the Equipment placed / Installed by the Bidder against this tender will be Brand New and latest (available on manufactures website) (Import Documents will be J-submitted at the time of Installation / Inspection of the Respected Equipment (s) by the successfully BIDDER). No refurbished equipment will be accepted.	Yes	Yes	Yes	Yes
5.	Certificate from the Manufacturer that complete, Maintenance and back up support with original Parts shall be provided jointly with the local Sole Agent and in case of change of local Sole Agent provision of services shall be sole responsibility of the Manufacturer through his local or International sources.	Yes	Yes	Yes	Yes
6.	Minimum (05) Five YEAR'S Business history from the date of Registration of the respected Product by the BIDDER against this tender.	Yes	Yes	Yes	Yes
7.	List of Leading Government Teaching Hospital in Pakistan, Documentary Proof by the BIDDER, The Committee may ask for the Visit / of the Quoted of the respected Product and Visit / Inspection of the Reference Site.	Yes	Yes	Yes	Yes
8.	At least ONE CERTIFICATE out of the following regarding quality of the respected Equipment (s) and kits by the Manufacturer (FDA, CE / MDD, JIS).	Yes	Yes	Yes	Yes
09.	The Country of Origin of the Quoted Product must be USA, Europe & Japan.	Yes	Yes	Yes	Yes
10.	Acceptance of the Terms and Condition, Tender Documents duly signed & stamped/	Yes	Yes	Yes	Yes
11.	Certificate form the Manufacturer of Equipment that all quoted kits are validated on their Equipment specific to this tender.	Yes	Yes	Yes	Yes
12.	Company Profile including Engineering and Managerial Capability of the BIDDER	Yes	Yes	Yes	Yes
13.	Bank Statement / Balance sheet, NTN GST (PST and Professional Tax Certificates of the BIDDER	Yes	Yes	Yes	Yes
		Responsive	Responsive	Responsive	Responsive

Four (04) Companies / Firms had Participate in this Tender, Ms Roche, M/s Zedco, M/s Hoor Pharma and M/s DMA, **All Participated (04) Four Companies (s) / Firm (s) M/s Roche, M/s Zedco, M/s Hoor Pharma, and M/s DMA, RESPONSIVE** against Knock Out Criteria as mentioned in Bidding Documents

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KNOCK OUT CLAUSES

#	Original receipt for purchase of the Tender. 2% CDR as per Tender Enquiry with Technical Bid	M/s Hooro Pharma	M/s Bio-Sphere Marketing	Ms Roche	M/s Hospicare
1	(If the Bidder is Sole Distributor he will provide valid Sole Distributor Certificate duly attested by the Embassy of Pakistan in the Country of Origin or Embassy of Origin in Pakistan) If the Bidder is not Sole Distributor for said Equipment in Pakistan having Minimum 05 (Five) Years Repair / Service & Maintenance Contract History of the said / Biomedical Equipment in the Market / leading Teaching Hospitals. (Documentary Proof, Copy of Performance Certificate)	Yes	Yes	Yes	Yes
2	• Sole Distributor • If the Bidder is not Sole Distributor for said Equipment in Pakistan having Minimum 05 (Five) Years Repair / Service & Maintenance Contract History of the said / Biomedical Equipment in the Market / leading Teaching Hospitals. (Documentary Proof, Copy of Performance Certificate)	Yes	NO	Yes	Yes
3	The Certificate of the Manufacturer that the Equipment placed / Installed by the Bidder against this tender will be Brand New and latest (available on manufactures website) (Import Documents will be submitted at the time of Installation / Inspection of the Respected Equipment (s) by the successfully BIDDER) No refurbished equipment will be accepted with the local Sole Agent and in case of change of local Sole Agent provision of services shall be sole responsibility of the Manufacturer through his local or International sources Minimum (05) Five YEAR'S Business history from the date of Registration of the respected Product by the BIDDER against this tender.	Yes	NO	Yes	Yes
4	List of Leading Government Teaching Hospital in Pakistan, Documentary Proof by the BIDDER. The Committee may ask for the Visit / of the Quoted of the respected Product and Visit / Inspection of the Reference Site. At least ONE CERTIFICATE out of the following regarding quality of the respected Equipment (s) and kits by the Manufacturer (FDA, CE / MDD, JIS).	Yes	No	Yes	Yes
5	The Country of Origin of the Quoted Product must be USA, Europe & Japan	Yes	Yes	Yes	Yes
6	Acceptance of the Terms and Condition. Tender Documents duly signed & stamped/	Yes	NO (Turkey)	Yes	Yes
7	Certificate form the Manufacturer of Equipment that all quoted kits are validated on their Equipment specific to this tender	Yes	Yes	Yes	Yes
8	Company Profile including Engineering and Managerial Capability of the BIDDER	Yes	NO	Yes	Yes
9	Bank Statement / Balance sheet, NTN GST and Professional Tax Certificates of the BIDDER	Yes	Yes	Yes	Yes
10		Responsive	Non Responsive	Responsive	Responsive

- Four (04) Companies / Firms had Participate in this Tender, M/s Hooro Pharma, Ms Bio-Sphere Marketing, M/s Roche and M/s Hospicare.
- Three (03) Three Companies / Firm (s) Ms Hooro Pharma, M/s Roche, and M/s Hospicare has qualified and declared RESPONSIVE.
- One (01) Company / Firm: Ms Bio-Sphere Marketing is declared NON RESPONSIVE (Due to not compatible as per user demand)

Tahir Hashim Cheema
O/I Department of
Biomedical Engineering
Member, Prepared the TE

Mrs. Ayesha Nazir
(Senior Pharmacist)
(Member)

Dr. Munawar Hussain Shah
Dy. Administrator (Pharmacy)

Dr. Ghazanfar Ali Sirhindi
Associate Prof. of Hematology (Member)

Prof. Dr. Tahira Naseem
Prof. of Biochemistry
Head of Biochemistry (Member)

Prof. DR. MATEEN IZHAR
Chairman Dean

**COMPARATIVE STATEMENT MICROBIOLOGY
LAB KITS TECHNICAL BID YEAR'S 2019-2020**

1. MIC	ANA Kit (Taco)	1. Three Stars Medical S Bio Non-Responsive (Not CE-Marked)	1. Moon Enterprises Africa-UK Responsive		
2. MIC	Amoebiasis Kit (HHA)	1. Hoora Pharma Siemens USA Responsive Not Quoted			
3. MR	Anti HCV (HIA) (W/HO Approved) (CT/IDA)	1. Dia Zone CIBOS Responsive			
4. MIC	Anti HAV IgM (W/HO approved) (CT/IDA)	1. Dia Zone CIBOS Responsive			
5. MIC	Anti HCV IgM (W/HO Approved) (CT/IDA)	1. Three Stars Medical S Bio Non-Responsive (Not CE-Marked)	2. Moon Enterprises Africa-UK Responsive	3. Galf Marketing Inte Dot Diagnostics, Germany Responsive	4. Bio Sphere Marketing Giosse, Dapino Responsive
6. MIC	ASOT Kit	1. Musaji Adam & Sons Oswd UK Responsive	2. Three Stars Medical Bioanalysis Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Mast UK Responsive	
7. MIC	Antibiotic Discs 1. Ampicillin 30ug	1. Musaji Adam & Sons Oswd UK Responsive	2. Three Stars Medical Bioanalysis Non-Responsive (Not CE-Marked)		
	2. Augmentin 30ug	1. Musaji Adam & Sons Oswd UK Responsive	2. Three Stars Medical Bioanalysis Non-Responsive (Not CE-Marked)		
	3. Amikacin 30ug	1. Musaji Adam & Son Oswd UK Responsive	2. Three Stars Medical Bioanalysis Non-Responsive (Not CE-Marked)		
	4. Cefotaxime 30ug	1. Musaji Adam & Son Oswd UK Responsive	2. Three Stars Medical Bioanalysis Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Mast UK Responsive	
	5. Ceftriaxone 30ug	1. Musaji Adam & Sons Oswd UK Responsive	2. Three Stars Medical Bioanalysis Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Mast UK Responsive	
	6. Cephalosporin 30ug	1. Musaji Adam & Sons Oswd UK Responsive	2. Three Stars Medical Bioanalysis Non-Responsive (Not CE-Marked)		
	7. Cephalosporin 5.0ug/ml	1. Musaji Adam & Sons Oswd UK Responsive	2. Three Stars Medical Bioanalysis Non-Responsive (Not CE-Marked)		

8. Cefixime 50g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	
9. Co-Trimoxazole 250g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	
10. Cefuroxime 30g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	<u>3. Bio Sphere Marketing</u> Mast, UK Responsive
11. Erythromycin 5g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	<u>3. Bio Sphere Marketing</u> Mast, UK Responsive
12. Fusidic Acid 10g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	<u>3. Bio Sphere Marketing</u> Mast, UK Responsive
13. Gentamicin 10g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	<u>3. Bio Sphere Marketing</u> Mast, UK Responsive
14. Imipenem 10g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	<u>3. Bio Sphere Marketing</u> Mast, UK Responsive
15. Nitrofurantoin 300g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	<u>3. Bio Sphere Marketing</u> Mast, UK Responsive
16. Novobiochem 5g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	<u>3. Bio Sphere Marketing</u> Mast, UK Responsive
17. Naladixic Acid 30g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	<u>3. Bio Sphere Marketing</u> Mast, UK Responsive
18. Penicillin 10g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	<u>3. Bio Sphere Marketing</u> Mast, UK Responsive
19. Tazopen 13g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	
20. Tetraevone 10g	<u>I. Musaji Adam & Sons</u> Oxoid, UK Responsive	<u>2. Three Stars Medical</u> Bioanalysis Non-Responsive (Not CE-Marked)	<u>3. Bio Sphere Marketing</u> Mast, UK Responsive

21	Rifampicin 5mg	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
22	Vancomycin 30mg	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
23	Imzolid	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
24	Cefoxitin 30mg	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
25	Colistin	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
26	Polymyxin B	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
27	Optochin	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
28	Bacitracin 10.0 Supl	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
29	Meropenem	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
30	Cefipime	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
31	Ertapenem	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
32	Ciprofloxacin	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
33	Femoxillin	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Bio Sphere Marketing Mast, UK Responsive	3. Bio Sphere Marketing Mast, UK Responsive
34	Fosfomicin	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyses Non-Responsive (Not C1-Marked)	3. Bio Sphere Marketing Mast, UK Responsive

	35. Chloramphenicol	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyse Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
	36. Tigecyclin	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyse Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
	37. Tetracyclin	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyse Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
	38. Ceftriaxone	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyse Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
	39. Clindamycin	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyse Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
	40. Gentamycin CN 120	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyse Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
	41. Azithromycin AZM 15	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyse Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
	Oxacillin OX 1	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical Bioanalyse Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Mast, UK Responsive
8. MIC	Adjustable Micropipettes	1. Three Stars Medical	2. Dia Zone	3. Bio Sphere Marketing
	a. Adjustable Micropipettes 10-200ul	China Non-Responsive (Not CE-Marked)	China Non-Responsive (Not CE-Marked)	Biohit Sartorius Responsive
	b. Adjustable Micropipettes 50-200ul	1. Three Stars Medical China Non-Responsive (Not CE-Marked)	2. Dia Zone China Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Biohit Sartorius Responsive
	c. Adjustable Micropipettes 100-500ul	1. Three Stars Medical China Non-Responsive (Not CE-Marked)	2. Dia Zone China Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Biohit Sartorius Responsive
	d. Adjustable Micropipettes 200-1000ul	1. Three Stars Medical China Non-Responsive (Not CE-Marked)	2. Dia Zone China Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Biohit Sartorius Responsive
	e. Adjustable Micropipettes 100-5000ul	1. Three Stars Medical China Non-Responsive (Not CE-Marked)	2. Dia Zone China Non-Responsive (Not CE-Marked)	3. Bio Sphere Marketing Biohit Sartorius Responsive
9. MIC	Brucella Abort. Mell. Antigen	Not Quoted		

	c). EDI + Reverse osmosis cartridge	Not Quoted					
	d). Chlorine Tablets	1. Chempure Merck Millipore Responsive					
	e). Q Gaard I Purification Pack	Not Quoted					
	f). Quantum EX Cartridge	Not Quoted					
	g). Rohousing + UV Lamp	Not Quoted					
	h). Mini Pak express 20 filter unit 0.22um	Not Quoted					
25. MIC	Dengue Virus IgM (Elisa) Kit	Not Quoted					
26. MIC	Dengue Virus IgM Strip Kit	1. Moon Enterprises Dengue IgM Responsive	2. Gulf Marketing Inter Diagnostar, USA Responsive				
27. MIC	DNase Agar	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical S. Bio Non-Responsive (Not CE-Marked)	3. Lab Chem Bioline Responsive			
28. MIC	Echinococcus Kit (HIA)	1. Hoora Pharma Siemens, USA Responsive					
29. MIC	Regent for Fully Automated Random Assays System (with instrument) (CEFDA/WHO APPROVED)	1. Hoora Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive	3. Roche Pakistan Roche Responsive	4. Diagnostics Medical Associa Vitros Responsive		
	1. Anti HCV						
	2. Anti HIV 1 & 2 Elisa	1. Hoora Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive	3. Roche Pakistan Roche Responsive	4. Diagnostics Medical Associa Vitros Responsive		
	3. Anti HBS	1. Hoora Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive	3. Roche Pakistan Roche Responsive	4. Diagnostics Medical Associa Vitros Responsive		
	4. Anti HBe IgG	1. Hoora Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive				
	5. Anti CMV IgG, IgM	1. Hoora Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive	3. Roche Pakistan Roche Responsive	4. Diagnostics Medical Associa Vitros Responsive		
	6. HbsAg	1. Hoora Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive	3. Roche Pakistan Roche Responsive	4. Diagnostics Medical Associa Vitros Responsive		
	7. Rubella IgM	1. Hoora Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive	3. Roche Pakistan Roche Responsive	4. Diagnostics Medical Associa Vitros Responsive		
	8. Rubella IgG	1. Hoora Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive	3. Roche Pakistan Roche Responsive	4. Diagnostics Medical Associa Vitros Responsive		
	9. Toxoplasma IgM	1. Hoora Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive	3. Diagnostics Medical Associa Vitros Responsive			
	10. Toxoplasma IgG	1. Hoora Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive	3. Roche Pakistan Roche Responsive	4. Diagnostics Medical Associa Vitros Responsive		

	11. HSV IgM	1. Hoorra Pharma Siemens, USA Responsive				
	12. HEV IgM	Not Quoted				
	13. HAV IgM	1. Hoorra Pharma Siemens, USA Responsive	2. Zedco Abbott, USA Responsive	3. Roche Pakistan Roche Responsive	4. Diagnostica Medical Associa Vitros Responsive	
	14. HAV IgG	1. Hoorra Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive	3. Roche Pakistan Roche Responsive		
	15. Anti HBe IgM	1. Hoorra Pharma Siemens, USA Responsive	2. Zedco Company Abbott, USA Responsive	3. Roche Pakistan Roche Responsive	4. Diagnostica Medical Associa Vitros Responsive	
	16. VZV IgG	Not Quoted				
	17. VZV IgM	Not Quoted				
	18. HepBe Ag	1. Hoorra Pharma Siemens, USA Responsive	2. Roche Pakistan Roche Responsive	3. Diagnostica Medical Associa Vitros Responsive		
	19. HepBe Ab	1. Hoorra Pharma Siemens, USA Responsive	2. Zedco Abbott, USA Responsive	3. Roche Pakistan Roche Responsive	4. Diagnostica Medical Associa Vitros Responsive	
	20. Hep B Core Ag	1. Zedco Abbott, USA Responsive				
	21. Gentamicin Level	1. Hoorra Pharma Siemens, USA Responsive				
	22. Amikacin Level	1. Hoorra Pharma Siemens, USA Responsive				
	23. Vancomycin Level	1. Hoorra Pharma Siemens, USA Responsive				
	24. Tacrolimus Level	1. Hoorra Pharma Siemens, USA Responsive	2. Roche Pakistan Roche Responsive			
	25. Cyclosporine Level	1. Hoorra Pharma Siemens, USA Responsive	2. Roche Pakistan Roche Responsive			
30. MIC	HIV 1 & 2 (EIA) WHO Approved(CEFDA)	Not Quoted				
31. MIC	LJ Medium	1. Musaji Adam & Sons Rensel, UK Responsive	2. Lab Chem Biolife, Italy Responsive			
32. MIC	LJ Medium Vials (Pre made)	1. Musaji Adam & Sons Rensel, UK Responsive	2. Lab Chem Liofilchem, Italy Responsive			
33. MIC	MacConkey Agar without Crystal Violet	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical S. Bio Non-Responsive (Not CE-Marked)	3. Lab Chem Biolife, Italy Responsive	4. Gulf Marketing Inter Chromagar, France Non-Responsive (Not to Specifications)	5. Bio Sphere Marketing Mast, UK Responsive
34. MIC	MacConkey Broth	1. Musaji Adam & Son Oxoid, UK Responsive	2. Three Stars Medical S. Bio Non-Responsive (Not CE-Marked)	3. Lab Chem Biolife, Italy Responsive	4. Gulf Marketing Inter Chromagar, France Non-Responsive (Not to Specifications)	4. Bio Sphere Marketing Mast, UK Responsive

35. MIC	Muller Hinton Agar	1. Musaji Adam & Son Oxid, UK Responsive	2. Three Stars Medical S. Bio Non-Responsive (Not CE-Marked)	3. Lab Chem Bioliife, Italy Responsive	4. Bio Sphere Marketing Mast, UK Responsive	5. Gulf Marketing Int'l Chromagar, France Non-Responsive (Not to Specifications)
36. MIC	Mycodot Test (Anti MTB Antibodies)	Not Quoted				
37. MIC	Occult Blood Kit (Card)	1. Three Stars Medical S. Bio Responsive	2. Moon Enterprises Occult Blood Responsive			
38. MIC	Oxidase Reagent	1. Musaji Adam & Son Chem, Implex, USA Responsive	2. Three Stars Medical BDH/Sigma Responsive	3. Lab Chem BDH Responsive	4. Dia Zone BDH/Sigma Responsive	5. Bio Sphere Marketing Carbosynth, UK Responsive
39. MIC	Pregnancy Strip (Single Pack)	1. Three Stars Medical Fastep/Imported Non-Responsive (Not CE-Marked)	2. Moon Enterprises ImuMod, USA Responsive	3. Gulf Marketing Inte Diagnostar, USA Responsive		
40. MIC	Petri Dishes Pyrex Medium Size 4"	1. Three Stars Medical Germany Responsive	2. Dia Zone Ancitbra, Germany Responsive			
41. MIC	Petri Dishes Pyrex Large Size 6"	1. Three Stars Medical China Responsive	2. Dia Zone Ancitbra, Germany Responsive			
42. MIC	Phenol	1. Musaji Adam & Sons Daejung, Korea Responsive	2. Lab Chem RDH Responsive	2. Dia Zone BDH/Sigma Responsive		
43. MIC	Plasmodium Falciparum/Vivax Antigen Antigen Detection Combined (ICT)	Not Quoted				
44. MIC	PCR Tubes 0.2ml	1. Musaji Adam & Sons Axygen, USA Responsive	2. Dia Zone Nest, USA Responsive			
45. MIC	Racks for 50ml Flacon Tubes	1. Dia Zone China Responsive				
46. MIC	Rapid Anti HCV Screening Kit (Immuno Chromatographic Cartridge/Strips)	1. Three Stars Medical Fastep Non-Responsive (Not CE-Marked)	2. Moon Enterprises Imumed, USA Responsive	3. Gulf Marketing Int Diagnostar, USA Responsive		
47. MIC	API 20E i) Kit ii) Reagents	1. Musaji Adam & Sons Remel, UK Responsive	2. Lab Chem BioMérieux Responsive			
48. MIC	API 20NE i) Kit ii) Reagents	1. Musaji Adam & Sons Remel, UK Responsive	2. Lab Chem BioMérieux Responsive			
49. MIC	RNA/DNA free pipette Tips filter 0.5 to 10ul filter Tips	1. Moon Enterprises ImuMed-China Responsive	2. Dia Zone China Non-Responsive (Not CE-Marked)			
50. MIC	RNA/DNA free Pipet Tips with filter 10 to 30ul filter Tips	1. Moon Enterprises ImuMed-China Responsive	2. Dia Zone China Non-Responsive (Not CE-Marked)			

51. MIC	RNA/DNA free pipette tips with filter 100 to 1000ul filter tips	1. Moon Enterprises ImuMed-China Responsive	2. Dia Zone China Non-Responsive (Not CE-Marked)		
52. MIC	RNA/DNA free tubes 0.5ml, 1.5ml	Not Quoted			
53. MIC	Racks for Tubes (0.1ml, .2ml, 1.5ml, 2ml)	1. Dia Zone China Responsive			
54. MIC	REAL TIME PCR Kit (with Instruments) i). HCV Qualitative	1. Hoora Pharma Siemens, USA Responsive	2. Roche Pakistan Roche Responsive	3. Bio Sphere Marketing Anatolia Geneworks Turkey Non-Responsive (Not to Specifications)	
	ii). HCV Quantitative	1. Hoora Pharma Siemens, USA Responsive	2. Roche Pakistan Roche Responsive	3. Bio Sphere Marketing Anatolia Geneworks Turkey Non-Responsive (Not to Specifications)	4. Hospicare System Abbott, USA Responsive
	iii). HBV Qualitative	1. Hoora Pharma Siemens, USA Responsive	2. Hospicare System Abbott, USA Responsive		
	iv). MTB Qualitative	1. Hoora Pharma Siemens, USA Responsive	2. Roche Pakistan Roche Responsive	3. Bio Sphere Marketing Anatolia Geneworks Turkey Non-Responsive (Not to Specifications)	4. Hospicare System Abbott, USA Responsive
	v). HIV Quantitative	1. Hoora Pharma Siemens, USA Responsive	2. Roche Pakistan Roche Responsive	3. Bio Sphere Marketing Anatolia Geneworks Turkey Non-Responsive (Not to Specifications)	4. Hospicare System Abbott, USA Responsive
	vi). HBV Quantitative	1. Hoora Pharma Siemens, USA Responsive	2. Roche Pakistan Roche Responsive	3. Bio Sphere Marketing Anatolia Geneworks Turkey Non-Responsive (Not to Specifications)	
	vii). CMV Qualitative	1. Hoora Pharma Siemens, USA Responsive	2. Bio Sphere Marketing Anatolia Geneworks Turkey Non-Responsive (Not to Specifications)	3. Hospicare System Abbott, USA Responsive	4. Roche Pakistan Roche Responsive
	viii). HSV Qualitative	1. Hoora Pharma Siemens, USA Responsive	3. Bio Sphere Marketing Anatolia Geneworks Turkey Non-Responsive (Not to Specifications)		
	ix). Gonococcus/Chlamydia	1. Hoora Pharma Siemens, USA Responsive			
55. MIC	REAL TIME PCR Kit (for Cepheid/smart-cycler) i). HCV Qualitative	1. Bio Sphere Marketing Anatolia Geneworks Turkey Responsive			

62. MIC	Shigella Anti Sera	Not Quoted					
63. MIC	Salmonella Anti Sera (Polyvalent, O/H), Monovalent (02, 04, 07, 09)	Not Quoted					
64. MIC	Simens Citrate Medium	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Lab Chem Biolife, Italy Responsive	3. Bio Sphere Marketing Mast, UK Responsive			
65. MIC	Sterile Petri Dishes (90mm Disposable)	1. Musaji Adam & Sons Nest, Biotech Responsive	2 Three Stars Medical China Responsive	3. Lab Chem China Responsive	4. Moon Enterprises ImuMed-China Responsive	5. Dia Zone China Responsive	
66. MIC	Sterile Swab (Disposable)	1. Musaji Adam & Sons China Responsive	2. Three Stars Medical China Responsive	3. Moon Enterprises ImuMed-China Responsive	4. Dia Zone China Responsive		
67. MIC	Q tips Cotton long stem	Not Quoted					
68. MIC	Sterile Swab with Viral Transport Medium	1. Dia Zone China Responsive					
69. MIC	Syphilis Anti Bodies (ICT Device)	1. Moon Enterprises ImuMed-USA Responsive	2. Gulf Marketing Int Diagnostar, USA Responsive				
70. MIC	Single use filters with leur lock 22mm (Milipore)	Not Quoted					
71. MIC	Sulphide, Indole, Motility, Medium	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Lab Chem Biolife, Italy Responsive				
72. MIC	Sabound's Agar	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical S. Bio Non-Responsive (Not CE-Marked)	3. Lab Chem Biolife, Italy Responsive	4. Bio Sphere Marketing Mast, UK Responsive		
73. MIC	Sterile Swab (Disp/Transport) with Amie's Medium	1. Musaji Adam & Sons MWE, UK Responsive	2. Three Stars Medical Biomed/China Non-Responsive (Not CE-Marked)				
74. MIC	Tryptic Soy Broth	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical S. Bio Non-Responsive (Not CE-Marked)	3. Lab Chem Biolife, Italy Responsive	4. Bio Sphere Marketing Mast, UK Responsive		
75. MIC	Triple Sugar Iron Agar	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Lab Chem Biolife-Italy Responsive	3. Bio Sphere Marketing Mast, UK Responsive	4. Three Star Medical S. Bio Non-Responsive (Not CE-Marked)		
76. MIC	TCBS Agar Base	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical S. Bio/Imported Non-Responsive (Not CE-Marked)	3. Lab Chem Biolife, Italy Responsive	4. Bio Sphere Marketing Mast, UK Responsive		
77. MIC	Typhidot Test Kit (IgM Strips Version)	1 Three Stars Medical Fastep Non-Responsive (Not CE-Marked)	2. Moon Enterprises Imumed, USA Responsive	3. Gulf Marketing Int Diagnostar, USA Responsive			
78. MIC	Urine Container (Sterile)	1 Three Stars Medical Local Responsive	2. Moon Enterprises Imported Responsive	3. Dia Zone Pakistan Responsive	4. Fast Tech Local Responsive		

79. MIC	Urine Container (with boric acid)	I. Fast Tech Local Responsive			
80. MIC	Vacuainers 3ml, 5ml, 10ml, Plain (Red Tip) Gel Clot Activator	I. Three Stars Medical BioVac Responsive	2. Moon Enterprises Imumed, China Responsive		
81. MIC	Vibrio Cholerae Anti Sera	Not Quoted			
82. MIC	XLD Agar	I. Musaji Adam & Sons Oxoid, UK Responsive	2. Lab Chem Biolife, Italy Responsive	3. Gluf Marketing Int Chromagar, France Non-Responsive (Not to Specifications)	4. Bio Sphere Marketing Mast, UK Responsive
83. MIC	Hbe Ag EIA/Device (WHO approved/CE/FDA)	I. Dia Zone CBIOS Responsive			
84. MIC	Hbe Ab ICT	Not Quoted			
85. MIC	Anti HBe Ab (EIA) (WHO approved/CE/FDA)	Not Quoted			
86. MIC	Anti HBe Ab ICT	Not Quoted			
88. MIC	Anti HDV (EIA) (WHO approved/CE/FDA)	I. Dia Zone CBIOS Responsive			
89. MIC	CMV IgM/IgG (EIA) (WHO approved/CE/FDA)	Not Quoted			
90. MIC	Rubella IgM	I. Dia Zone CBIOS Responsive			
91. MIC	Rubella IgG	I. Dia Zone CBIOS Responsive			
92. MIC	Toxoplasma IgM	I. Dia Zone CBIOS Responsive			
93. MIC	Toxoplasma IgG	I. Dia Zone CBIOS Responsive			
94. MIC	HSV IgG	I. Dia Zone CBIOS Responsive			
95. MIC	HSV IgM	I. Dia Zone CBIOS Responsive			
96. MIC	HSV Real Time PCR Kit	Responsive			
97. MIC	CMV DNA Real Time PCR Kit	Not Quoted			
98. MIC	DNA Blood Mini Kit (Spin Column Based)	Not Quoted			
99. MIC	Viral RNA Mini Kit (Spin Column Based)	Not Quoted			
100. MIC	HCV Genotyping Kit (CE Marked)	Not Quoted			
101. MIC	Mineral Oil (Molecular Biology Grade)	Not Quoted			
102. MIC	Nuclease Free Water (Molecular Biology Grade)	Not Quoted			
103. MIC	Genotyping Plates (96 Wells without border)	Not Quoted			
104. MIC	Sealing Tape for 96 Wells Plate	Not Quoted			

105. MIC	Isopropanol	1. Musaji Adam & Sons Daejung, Korea Responsive	2. Lab Chem Scharlau, Spain Responsive	3. Dia Zone BDH/Sigma Responsive		
106. MIC	2.0ml Collection Cups (Graduated)	1. Three Stars Medical China Responsive				
107. MIC	Anti-HBc IgG/Total (EIA) (WHO approved/CE/FDA)	Not Quoted				
108. MIC	Anti-HBc IgM (EIA) (WHO approved/CE/FDA)	Not Quoted				
109. MIC	Anti HBs (EIA) (WHO approved/CE/FDA)	Not Quoted				
110. MIC	Dengue NSI Antigen (Strip)	1. Moon Enterprises Imumed, USA Responsive	2. Gluf Marketing Int Diagnostar, USA Responsive			
111. MIC	Dengue NSI Antigen (EIA) (WHO approved/CE/FDA)	Not Quoted				
112. MIC	Kovac Reagent	1. Musaji Adam & Son Scharlau, Spain Responsive	2. Three Stars Medical Diachem Responsive	3. Lab Chem Hi-Media Responsive	4. Dia Zone Medline Responsive	
113. MIC	Anarobic Schaeet Anaerocult	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Lab Chem Oxoid, U.K Responsive			
114. MIC	IgG/IgM/IgA (RID) (Blood/Serum)	Not Quoted				
115. MIC	Crystal Violet	1. Musaji Adam & Son Daejung, Korea Responsive	2. Lab Chem Spain Responsive	3. Dia Zone BDH/Sigma Responsive		
116. MIC	Malachite Green	2. Lab Chem RDH Responsive	2. Dia Zone BDH/Sigma Responsive			
117. MIC	Urine Analysis Strips for Multiple Parameters	1. Three Stars Medical DFI, Korea Non-Responsive (False Pos in Urine Protein)	2. Hoora Pharma Siemens, USA Non-Responsive (False Pos in Urine Protein)	3. Roche Pakistan Roche, USA EEC/Japan Responsive	4. Gulf Marketing Intc Diagnostar, USA Non-Responsive (False Pos in Urine Protein)	5. Bio Sphere Marketing Acro Biotech, USA Non-Responsive (False Pos in Urine Protein)
118. MIC	Mesases IgG (Quantitative) EIA	1. Dia Zone CBIOS Responsive				
119. MIC	Mumps IgG (Quantitative) EIA	Not Quoted				
120. MIC	VZV IgG EIA	Not Quoted				
121. MIC	VZV IgM EIA	Not Quoted				
122. MIC	Magnet for Separation of TB cells	Not Quoted				
123. MIC	Repeating Dispenser 1ul with syringe	Not Quoted				
124. MIC	Repeating Dispenser 5ul with syringe	Not Quoted				
125. MIC	Repeating Dispenser Multi Channel 5ul with Syringe	Not Quoted				
126. MIC	Flouro Analyzer to check quantity of DNA with 260	Not Quoted				
127. MIC	Gas Burner	1. Dia Zone Local Responsive				

128. MIC	Imprived Neubauer Counting Chamber	1 Three Stars Medical Germany Responsive	2. Lab. Chem Germany Responsive		
129. MIC	Anti HCV (ICT Device) (WHO approved/CE/FDA)	1. Three Stars Medical Fastep Non- Responsive (Not CE-Marked) 1. Moon Enterprises Atlas Responsive	2. Moon Enterprises Imumed, USA Responsive 2. Dia Zone CBIOS Non- Responsive 2. Moon Enterprises Imumed, USA Responsive	3. Gulf Marketing Inte Diagnostar, USA Responsive	
130. MIC	Anti HbsAg EIA (96/Test) (WHO approved/CE/FDA)	1. Three Stars Medical Fastep Non- Responsive (Not CE-Marked)	2. Moon Enterprises Imumed, USA Responsive	3. Gulf Marketing Inte Diagnostar, USA Responsive	
131. MIC	HbsAg (ICT Device)	1. Three Stars Medical Fastep Non- Responsive (Not CE-Marked)	2. Moon Enterprises Imumed, USA Responsive	3. Gulf Marketing Inte Diagnostar, USA Responsive	
132. MIC	Anti HIV 1 & 2 (ICT Device) (WHO approved/CE/FDA)	1. Three Stars Medical Fastep Non- Responsive (Not CE-Marked)	2. Moon Enterprises Imumed, USA Responsive	3. Gulf Marketing Inte Diagnostar, USA Responsive	
133. MIC	Bile Esculin Agar	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Lab Chem Bioliife, Italy Responsive		
134. MIC	Mannitol Silt Agar	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Three Stars Medical S. Bio Non- Responsive (Not CE-Marked)	3. Lab Chem Bioliife, Italy Responsive	5. Bio Sphere Marketing Maat, UK Responsive
135. MIC	Reagents for Immunoserology (with stain) slonc nephelometric/Turbimetric instrument) i). CRP ii). C3 iii). C4 iv). IgG/IgA/IgM/IgE v). R. A Factor vi). ANA vii). ASOT	Not Quoted			
136. MIC	Hydrogen Peroxide	1. Lab Chem RDH Responsive	2. Dia Zone BDH/Sigma Responsive		
137. MIC	Methylene Blue Powder	1. Musajji Adam & Son Daejung, Korea Responsive	2. Dia Zone BDH/Sigma Responsive	3. Bio Sphere Marketing MP Bio, USA Responsive	
138. MIC	E-Strips for MICs i). Vancomycin ii). Ciprofloxacin iii). Penicillin iv). Colistin	1. Musajji Adam & Sons Oxoid, UK Responsive	2. Lab Chem Liofilchem, Italy Responsive		
139. MIC	Potassium Iodide Powder	1. Musajji Adam & Sons Daejung/Korea Responsive	3. Lab Chem RDH Responsive		

140. MIC	Iodine	1. Lab Chem RDH Responsive	2. Dia Zone BDH/Sigma Responsive		
141. MIC	Syphilis RPR/VDRL Kit	1. Three Stars Medical Fastep Non-Responsive (Not CE-Marked)	2. Bio Sphere Marketing Giese Diagnostics, Italy Responsive		
142. MIC	Syphilis TPHA Kit	1. Bio Sphere Marketing Giese Diagnostics Italy Responsive			
143. MIC	Legionella Urinary Antigen Kit	Not Quoted			
144. MIC	Pneumococcal Coccal Urinary Antigen + Kit	Not Quoted			
145. MIC	Lactophenol Cotton Blue	1. Musaji Adam & Sons Schariau, Spain Responsive	2. Chempure Merck, Millipore Responsive		
146. MIC	India Ink	1. Three Stars Medical Mediline/Diachem Responsive	2. Dia Zone Medilines Responsive		
147. MIC	Reagents for tisse typing (Complete Package)	Not Quoted			
148. MIC	Gram Negative and Gram Positive panels for Micro scan	1. Hoora Pharma Siemens, USA Responsive			
149. MIC	AST, ID and QC Panels/Cards (with Instrument)	Not Quoted			
150. MIC	Blood Culture Bottle (with full automated instrument)	Not Quoted			
151. MIC	Urease Agar	1. Musaji Adam & Sons Oxoid, UK Responsive	2. Lab Chem Biologic, Italy Responsive	3. Bio Sphere Marketing Mast, UK Responsive	
152. MIC	KOH Solution (Potassium Hydroxide)	1. Musaji Adam & Sons Daejung, Korea Responsive	2. Dia Zone Medilines Responsive		
153. MIC	Screw Cup Bottle (10ml)	Not Quoted			
154. MIC	Wireloops (Platinum)	1. Dia Zone China Responsive			
155. MIC	Bijou Bottle 7ml, 14ml, 28ml	Not Quoted			
156. MIC	Reagent Bottle 250ml, 500ml, 1000ml	1. Musaji Adam & Sons Borosil, India Responsive	2. Three Stars Medical China Responsive		
157. MIC	Plastic tube with cap	1. Three Stars Medical China Responsive	2. Moon Enterprises Imumed, China Responsive	3. Dia Zone China Responsive	
158. MIC	Microbank Bactrial & Fungal Storage System	Not Quoted			
159. MIC	Calibrated wire Loops (1ul, 5ul, & 10ul)	Not Quoted			
160. MIC	Conical Tubes (Plastic) 15ml	1. Musaji Adam & Sons Axygen, USA Responsive	2. Three Stars Medical China Responsive	3. Moon Enterprises Imumed, China Responsive	4. Dia Zone China Responsive
161. MIC	Dispensing Bottles (Glass) 250ml	Not Quoted			

162. MIC	ATCC Quality Control Strains	I. Musaji Adam & Sons MBL, USA Responsive			
163. MIC	Spot Indole Reagent/ Test	I. Musaji Adam & Sons Remel, UK Responsive			
164. MIC	E. Coli Antisera	Not Quoted			
165. MIC	Safranin	I. Musaji Adam & Sons Daejung, Korea Responsive			
166. MIC	T. Spot test	Not Quoted			
167. MIC	TB Gold	Not Quoted			
168. MIC	Biological Indicator (Bacteria with spores), QC Check on autoclave performance, Positi e growth at 35 + 2 C, CE Marked	Not Quoted			
169. MIC	Chemical indicator strip (Color based) Qc check on autoclave performance (CE Marked)	Not Quoted			
170. MIC	Air sampler Autoclavable sampling head (Compatible with 90mm plates) and base plate, 100 liter per minute air flow with HEPA filter exhaust and freely definable sampling volume. Rechargeable battery operated. Data storage. (CE marked)	Not Quoted			
171. MIC	Swab sampler kit or Biopaddles (CE Marked) Ready to use with specific agar and identification tool. for: i). Air Sampling/Testing ii). Surface Sampling/ Testing iii). Water sampling/Testing iv). Yeast & Mold sampling/testing	Not Quoted			
172. MIC	Chromogenic Aggar for i). Urine ii). MRSA iii). CPE (Carbapenemase-producing Enterobacteriaceae)	I. Lab Chem Liofilchem, Italy Responsive		2. Gulf Marketing Inte Chromagar, France Responsive	
173. MIC	ANA IFT Basic Profile 3 Fluorescent microscopy test Kit	I. Chempure Euroimmun Responsive			
174. MIC	Auramine Fluorescent dye for Microscopy (AFB)	I. Chempure Merck, Millipore Responsive			
175. MIC	Sterile Petridishes (90mm with septum)	Not Quoted			
176. MIC	Lancee field grouping kit	I. Lab Chem ProLab Responsive			

**COMPARATIVE STATEMENT HAEMATOLOGY LAB
TECHNICAL BID YEAR'S 2019-2020**

1. HEM	Alpha Naphthyl Acetate Esterase	1. Bio Sphere Marketing Baso Diagnostics Responsive			
2. HEM	Myceloperoxidase Staining Kit	1. Bio Sphere Marketing Baso Diagnostics Responsive			
3. HEM	Lymphotoxide Acid Phosphatase Staining Kit	Not Quoted			
4. HEM	Leucocyte Acid Phosphatase Staining Kit	1. Bio Sphere Marketing Baso Diagnostics Responsive			
5. HEM	Naphthol ASD Chloroacetate Esterase Kit	1. Bio Sphere Marketing Baso Diagnostics Responsive			
6. HEM	Safranine (Stain)	1. Musaji Adman & Sons Wellcosol Responsive	2. Lab Chem Scharlau, Spain Responsive	3. Dia Zone BDH/RDH Responsive	
7. HEM	Sudan Black B Kit	1. Three Stars Medical Mediline/Diachem Responsive	2. Dia Zone Medlines Responsive	3. Bio Sphere Marketing Baso Diagnostics Responsive	
8. HEM	Potassium Ferricyanide (500gm)	1. Musaji Adman & Sons Daejung, Korea Responsive	2. Dia Zone BDH/RDH Responsive		
9. HEM	Giemsa Stain (Powder)	1. Lab Chem RDH Responsive	2. Dia Zone BDH/RDH Responsive		
10. HEM	Glycerol	1. Musaji Adman & Sons Daejung, Korea Responsive	2. Lab Chem RDH Responsive	3. Dia Zone BDH/RDH Responsive	
11. HEM	Immersion oil for microscopy	1. Musaji Adman & Sons Daejung, Korea Responsive	2. Lab Chem Scharlau, Spain Responsive	3. Dia Zone BDH/RDH Responsive	4. Bio Sphere Marketing Baso Diagnostics Responsive
12. HEM	Methanol (2.5 Lit)	1. Musaji Adman & Sons Daejung, Korea Responsive	2. Lab Chem Chem Lab Responsive	3. Dia Zone BDH/RDH Responsive	
13. HEM	Xylene Solution	1. Musaji Adman & Sons Daejung, Korea Responsive	2. Lab Chem Chem Lab Responsive	3. Dia Zone BDH/RDH Responsive	
14. HEM	Ethanol	1. Lab Chem RDH Responsive	2. Dia Zone BDH/RDH Responsive		
15. HEM	ESR Tubes Westergreen	1. Three Stars Medical China Responsive	2. Moon Enterprises ImuMed-China Responsive	3. Dia Zone China Responsive	
16. HEM	ESR Stand No.10	1. Three Stars Medical Local Responsive	2. Dia Zone Pakistan Responsive		

17. HEM	Stop Watches	1. Three Stars Medical China Responsive	2. Lab Chem China Responsive	3. Dia Zone China Responsive
18. HEM	Thermal Paper Roll	1. Three Stars Medical China Responsive	2. Moon Enterprises Imu/Med-China Responsive	4. Fast Tech Local Responsive
19. HEM	Reaction Clivettes	1. Three Stars Medical Not Required	2. Dia Zone Not Required	3. Bio Sphere Marketing Not Required
20. HEM	Centrifuge Buckets Plastic	1. Three Stars Medical Pakistan Responsive	2. Dia Zone Pakistan Responsive	
21. HEM	Test Tube Stand (Plastic)	1. Three Stars Medical China Responsive	2. Dia Zone Pakistan Responsive	
22. HEM	Neutral Red	1. Musaji Adman & Sons Daejung, Korea Responsive	2. Bio Sphere Marketing Sigma Responsive	
23. HEM	E.D.T.A	1. Musaji Adman & Sons Daejung, Korea Responsive	2. Dia Zone BDH/Sigma Responsive	
24. HEM	Micropipette 10-100ul	1. Musaji Adman & Sons Dragon Lab Responsive	2. Three Stars Medical China Responsive	3. Dia Zone AHN, Germany Responsive
25. HEM	Micropipette 20-200ul	1. Musaji Adman & Sons Dragon Lab Responsive	2. Three Stars Medical China Responsive	3. Dia Zone AHN, Germany Responsive
26. HEM	Micropipette 200ul-1000ul	1. Musaji Adman & Sons Dragon Lab Responsive	2. Three Stars Medical China Responsive	3. Dia Zone AHN, Germany Responsive
27. HEM	Round Filter Papers	1. Three Stars Medical Local Responsive	2. Dia Zone Local Responsive	
28. HEM	Staining Jar	1. Musaji Adman & Sons Kartell, Italy Responsive	2. Three Stars Medical China Responsive	3. Dia Zone China Responsive
29. HEM	Coplin Jar	1. Three Stars Medical China Responsive	2. Dia Zone Pakistan Responsive	
30. HEM	Brilliant Cresal Blue	1. Lab Chem RDH Responsive	2. Dia Zone BDH/RDH Responsive	3. Bio Sphere Marketing Sigma Responsive
31. HEM	Cylinder 250ml, 500ml, 1000ml (Plastic)	1. Musaji Adman & Sons Kartell, Italy Responsive		
32. HEM	PT Kit (10 x 2ml) (Manual Kit)	1. Three Stars Medical S. Bio Non-Responsive	2. Fast Tech Diagnostica Stago Non-Responsive	3. Bio Sphere Marketing Helena, UK Responsive
33. HEM	APTT Kit (10 x 4ml) (Manual Kit)	1. Three Stars Medical S. Bio Responsive	2. Fast Tech Diagnostica Stago Responsive	3. Bio Sphere Marketing Helena, UK Responsive
34. HEM	Protein C Kit	1. Fast Tech Diagnostica Stago Responsive	2. Bio Sphere Marketing Helena, UK Responsive	

35. HEM	Protein S Kit	1. Fast Tech Diagnostica Stago Responsive	2. Bio Sphere Marketing Helena, UK Responsive		
36. HEM	Thrombin Time (T.T) Kit	1. Fast Tech Diagnostica Stago Responsive	2. Bio Sphere Marketing Helena Biosciences, UK Responsive		
37. HEM	D. Dimer Estimation Kit	1. Moon Enterprises Atlas-UK Responsive	2. Fast Tech Diagnostica Stago Responsive	3. Bio Sphere Marketing Helena Biosciences, UK Responsive	
38. HEM	Fibrinogen Kit	1. Fast Tech Diagnostica Stago Responsive	2. Bio Sphere Marketing Helena Biosciences, UK Responsive		
	B. Reagent for 5 Part XT-1800i (Hospital owned Machines from Sole Distributors)				
39. HEM	Cell Pack Reagent	Not Quoted			
40. HEM	Cell Sheath Reagent	Not Quoted			
41. HEM	Stromatolyzer FB Reagent	Not Quoted			
42. HEM	Stromatolyzer 4 DL Reagent	Not Quoted			
43. HEM	Stromatolyzer 4 DS reagent	Not Quoted			
44. HEM	Sulfolyzer Reagent	Not Quoted			
45. HEM	Stromatolyzer NR Reagent	Not Quoted			
46. HEM	Stromatolyzer 4 WH Reagent	Not Quoted			
47. HEM	External Quality Control for coagulation sample biweekly	Not Quoted			
48. HEM	External Quality Control for Haematology sample biweekly	Not Quoted			
49. HME	RIQAS Coagulation Sample	1. Bio Sphreere Randox, UK Responsive			
50. HEM	RIQAS Hematology Sample	1. Bio Sphreere Randox UK Responsive			

**COMPARATIVE STATEMENT HISTOPATHOLOGY LAB
TECHNICAL BID YEAR'S 2019-2020**

1. HIS	Acetone	1. Lab Chem RDH Responsive			
2. HIS	Alcain Blue	1. Lab Chem Responsive	2. Dia Zone BDH/Sigma Responsive		
3. HIS	Alum Potassium Sulphate	1. Musaji Adman & Sons Daejung, Korea Responsive	2. Lab Chem RDH Responsive	3. Dia Zone BDH Sigma Responsive	
4. HIS	Adjustable Pipette form 10-200u liters	1. Three Stars Medical China Responsive	2. Dia Zone China Responsive		
5. HIS	Antibody Detection Kit for 500 tests	1. Dia Zone Pakistan Responsive			
6. HIS	Coplin Jar Vertical	1. Three Stars Medical GmbH Responsive	2. Moon Enterprises ImuMed-China Non-Responsive (Poor Results)	3. Dia Zone GmbH Responsive	
7. HIS	Cover Glass 22" x 22"	1. Three Stars Medical GmbH Responsive	2. Moon Enterprises ImuMed-China Non-Responsive (Poor Results)	3. Dia Zone GmbH Responsive	
8. HIS	Cover Glass 24" x 50"	1. Musaji Adam & Sons Borostil, India Responsive	2. Three Stars Meidical China Responsive		
9. HIS	Cylinder 100ml, 500ml, 2000ml	1. Three Stars Meidical SDL Responsive	2. Lab Chem Scharlau, Spain Responsive	3. Dia Zone BDH Responsive	
10. HIS	Ceder Wood Immersion Oil	1. Musaji Adam & Sons Scharlau, Spain Responsive	2. Three Stars Meidical SDL Responsive	3. Lab Chem Scharlau, Spain Responsive	4. Dia Zone Merck/BDH Responsive
11. HIS	D.P.X	1. Three Stars Meidical China Responsive	2. Dia Zone China Responsive		
12. HIS	Diamond Tip Glass Marker	1. Musaji Adam & Sons Scharlau, Spain Responsive	2. Three Stars Meidical Diachem Responsive	3. Lab Chem Scharlau, Spain Responsive	4. Dia Zone Medlines Responsive
13. HIS	EA-50	1. Musaji Adam & Son Daejung, Korea Responsive	2. Three Stars Meidical Diachem Responsive	3. Lab Chem Scharlau, Spain Responsive	4. Dia Zone Medlines Responsive
14. HIS	Eosin	Not Quoted			
15. HIS	ER (Oestrogen Receptors) Antibody	Not Quoted			

16. HIS	Filter Paper Sheets Large	1. Three Stars Meidical Brazil/Germany Responsive	2. Lab Chem Barzil Responsive	3. Dia Zone Germany Responsive
17. HIS	Forsted end Glass Slides	1. Three Stars Meidical China Responsive	2. Moon Enterprises ImulMed-China Responsive	3. Dia Zone China Responsive
18. HIS	Gold Chloride	1. Lab Chem RDH Responsive		
19. HIS	Haematoxylin Powder	1. Musaji Adam & Sons Scharlau, Spain Responsive	2. Lab Chem RDH Responsive	3. Dia Zone Merck Responsive
20. HIS	HCG (Human Chronic Gonadotrophin) (Antibody)	Not Quoted		
21. HIS	Methanol	1. Musaji Adam & Son Daejung, Korea Responsive	2. Lab Chem Chem Lab Responsive	3. Dia Zone BDH/RDH Responsive
22. HIS	1 Micro Diamond Compound Past Car # 428100	1. Three Stars Meidical Shandon Responsive	2. Dia Zone Shendon STC Responsive	
23. HIS	6 Micro Diamond Compound Past Car # 42823	1. Three Stars Meidical Shandon Responsive	2. Dia Zone Shendon STC Responsive	
24. HIS	Methylene Blue	1. Musaji Adam & Sons Daejung, Korea Responsive	2. Lab Chem Scharlau, Spain Responsive	3. Dia Zone BDH/RDH Responsive
25. HIS	MELAN-1 (HMB-45) Antibody Melan-A (HMB 45)	Not Quoted		
26. HIS	Nitric Acid	1. Musaji Adam & Sons Daejung, Korea Responsive	2. Lab Chem RDH Responsive	3. Dia Zone BDH/RDH Responsive
27. HIS	Og-6	1. Musaji Adam & Sons Scharlau, Spain Responsive	2. Three Stars Meidical Diachem Responsive	3. Lab Chem Scharlau, Spain Responsive
28. HIS	Paraplast (57C to 60C)	1. Chempure Merck Responsive	2. Dia Zone Optical/Italy Non-Responsive (Not Good Results)	
29. HIS	Picric Acid	1. Dia Zone BDH/Sigma Responsive		
30. HIS	Phosphate Buffer Saline for immunostaining	Not Quoted		
31. HIS	Primer Antibody Cytokeratin	Not Quoted		
32. HIS	Primer Antibody LCA	Not Quoted		
33. HIS	Primer Antibody S 100	Not Quoted		
34. HIS	Primer Antibody PSA	Not Quoted		
35. HIS	PLAP (Placental Alkaline Phosphatase) Antibody	Not Quoted		
36. HIS	Poly-L Lysine (Tissue Adhesive) 10ml/Read Slide Dako	1. Fast Tech Dako Denmark A/S Responsive		

37. HIS	Plastic Cassettes for tissue embedding	1. Musaji Adam & Son Kartell, Italy Responsive	2. Three Stars Meidcal China Non-Responsive (Not Good Results)	3. Dia Zone China Non-Responsive (Not Good Results)
38. HIS	PR Antibody	Not Quoted		
39. HIS	Ethanol (Labgrade)	1. Lab Chem RDH Responsive	2. Dia Zone BDH/Sigma Responsive	
40. HIS	Shiff's Reagent (9033)	1. Three Stars Medical Diachem/SDL Responsive	2. Lab Chem SDL Responsive	3. Chempure Merck Millipore Responsive
41. HIS	Silver Nitrate	1. Musaji Adam & Sons Daejung, Korea Responsive	2. Lab Chem RDH Responsive	3. Dia Zone BDH/Sigma Responsive
42. HIS	Slide Module (Metalic for Keeping 50000 Slides)	Not Quoted		
43. HIS	CD-20	Not Quoted		
44. HIS	Stainless Steel Moulds for Tissue Embedding	1. Dia Zone Pakistan Responsive		
45. HIS	Wattman Paper No 40, 42	1. Lab Chem Whattman Responsive	2. Dia Zone Pakistan Responsive	
46. HIS	Xylene	1. Musaji Adam & Son Daejung, Korea Responsive	2. Lab Chem Chem Lab Responsive	3. Dia Zone BDH/Sigma Responsive
47. HIS	Periodic Acid (25gm)	1. Musaji Adam & Son Daejung, Korea Responsive		
48. HIS	Melachite Green (50gm)	1. Dia Zone Korea Responsive		
49. HIS	Potassium Iodide	1. Musaji Adam & Sons Daejung, Korea Responsive	2. Dia Zone BHD/RDH Responsive	
50. HIS	Mercuric Oxide (Red) (50gm)	1. Dia Zone BDH/RDH Responsive		
51. HIS	Potassium Hydroxide (Powder)	1. Musaji Adam & Sons Daejung, Korea Responsive	2. Dia Zone BDH/Sigma Responsive	
52. HIS	Resin for Detonizer	Not Quoted		
53. HIS	Disposable High & Low Profile Blades for Microtome	1. Three Stars Meidcal Leical/Slee Germany Responsive	2. Lab Chem Feather Responsive	2. Dia Zone Feather Responsive
54. HIS	Bulb for cold light (Osram 8V-20W)	1. Dia Zone Osram Responsive		
55. HIS	Disposable Knife Holder for microtome to hold Low & High Profile Blades	1. Three Stars Meidcal Leica/Slee Germany Responsive		
56. HIS	Buffer Tablets PH-7 PH-10 and PH-4	Not Quoted		
57. HIS	Celestine Blue B Powder (500gm)	Not Quoted		
58. HIS	Slide Rack for Immunostains	Not Quoted		

59	HIS	Her 2 neu Antibody	Not Quoted				
60	HIS	Flourescent Anti IgA Antibody Stain	Not Quoted				
61	HIS	Flourescent Anti IgM Antibody Stain	Not Quoted				
62	HIS	Flourescent Anti IgG Antibody Stain	Not Quoted				
63	HIS	Flourescent KAPPA Light Chains Antibody Stain	Not Quoted				
64	HIS	Flourescent C1q Complement Antibody Stain	Not Quoted				
65	HIS	Flourescent C3 Complement Antibody Stain	Not Quoted				
66	HIS	CD-03	Not Quoted				
67	HIS	Haexamine	1. Musaji Adam & Sons Daejung, Korea Responsive				
68	HIS	Battery/Cell for Derionizer	Not Quoted				
69	HIS	Slide Tray	1. Musaji Adam & Sons Kartell, Italy Responsive	2. Dia Zone China/Pak Responsive			
70	HIS	Glacial Acetic Acid	1. Musaji Adam & Son Daejung, Korea Responsive	2. Lab Chem RDH Responsive	3. Dia Zone BDH/Sigma Responsive		
71	HIS	Hydrochloric Acid	1. Lab Chem RDH Responsive	2. Dia Zone BDH/Sigma Responsive			
72	HIS	Sulphuric Acid	1. Lab Chem RDH Responsive	2. Dia Zone BDH/Sigma Responsive			
73	HIS	Formic Acid	1. Musaji Adam & Son Daejung, Korea Responsive	2. Lab Chem RDH Responsive	3. Dia Zone BDH/Sigma Responsive		
74	HIS	Potassium Acetate	1. Musaji Adam & Son Daejung, Korea Responsive	3. Lab Chem RDH Responsive	3. Dia Zone BDH/Sigma Responsive		
75	HIS	Liquid Ammonia	1. Musaji Adam & Son Daejung, Korea Responsive	2. Dia Zone BDH/Sigma Responsive			
76	HIS	Potassium Chloride	1. Musaji Adam & Son Daejung, Korea Responsive	2. Dia Zone BDH/Sigma Responsive			
77	HIS	Sodium Hydroxide	1. Musaji Adam & Son Daejung, Korea Responsive	2. Dia Zone BDH/Sigma Responsive			
78	HIS	PH (Tables) 4, 7, 10, 2	Not Quoted				
79	HIS	PH Meter with electrode	Not Quoted				
80	HIS	Water Bath with six bowl	1. Dia Zone China Responsive				
81	HIS	CD-Primary Antibody	Not Quoted				
82	HIS	CR-3 Primary Antibody	Not Quoted				
83	HIS	CD-30 Primary Antibody	Not Quoted				
84	HIS	CD-15 Primary Antibody	Not Quoted				
85	HIS	Silicon Gel	Not Quoted				
86	HIS	Sodium Tetraborate	1. Musaji Adam & Son Daejung, Korea Responsive				

87 HIS	Antibody Alpha FetoProtein	Not Quoted					
88 HIS	Antigen Retrieval Solution	Not Quoted					
89 HIS	Peroxidase Block	Not Quoted					
90 HIS	Indian Ink	I. Dia Zone Medilines Responsive					
91 HIS	Primary Antibodies for Chromograinin 1. P63 2. CD20 3. Vimentin 4. CD99 5. TdT 6. Glypican3 7. Hep-ar-1 8. E-Cadherin 9. OCT3 10. Inhibin 11. CD34 12. CD31 13. ALK 14. Myogenin 15. CD 117 (C-Kit) 16. CD 138 17. PLAD, EMAJ 18. Calretinin 19. Histo Grossing Knife Set	I. Bio Sphere Marking ELAB SCIENCES Responsive					
92 HIS	SAN (Stone) for Knife Shaping	Not Quoted					
93 HIS	Staining Jar (16 Slides) (Plastic only)	Not Quoted					
94 HIS	Staining Racks (65 Slides)	Not Quoted					
95 HIS	Immuno Staining Box	Not Quoted					
96 HIS	Frozen Section Compound	Not Quoted					
97 HIS	Immunostains Pay-8 Stat-6 CD-10 Gypicem-3 Arginase-1 PCEA Ber EP4 Smooth muscle myosin heavy chain Cam 5.2 CD X2 GFAP DOG-1 NSE CD-34 BCL-2 BCL-6 CD-1a	Not Quoted					

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SMA
Desmin
CK-20
CD-23
Kappa Chain
Lambda chain
Ki-67
Cytin DI
PAX 5

**COMPARATIVE STATEMENT BLOOD BANK FOR THE
TECHNICAL BID YEAR'S 2019-2020**


1. BB	Anti Serum A	1. Three Stars Meidcal S. Bio Responsive	2. Moon Enterprises Atlas-UK Responsive	3. Bio Sphere Marketing Rapid Lab, UK Responsive
2. BB	Anti Serum B	1. Three Stars Meidcal S. Bio Responsive	2. Moon Enterprises Atlas-UK Responsive	3. Bio Sphere Marketing Rapid Lab, UK Responsive
3. BB	Anti Serum D	1. Three Stars Meidcal S. Bio Responsive	2. Moon Enterprises Atlas-UK Responsive	3. Bio Sphere Marketing Rapid Lab, UK Responsive
4. BB	Anti Human Globulin	1. Three Stars Meidcal S. Bio Responsive	2. Moon Enterprises ImuMed-Germany Responsive	3. Bio Sphere Marketing Rapid Lab, UK Responsive
5. BB	Bovine Albumin 22%	1. Three Stars Meidcal S. Bio Responsive	2. Moon Enterprises ImuMed-Germany Responsive	3. Bio Sphere Marketing Rapid Lab, UK Responsive
6. BB	Blood Lancets Disposable	1. Three Stars Meidcal China Responsive	2. Moon Enterprises ImuMed-China Responsive	3. Dia Zone China Responsive
7. BB	RPR Syphilis Kit (Rapid)	1. Three Stars Meidcal Fastep Responsive	2. Moon Enterprises ImuMed-USA Responsive	3. Gulf Marketing Int Diagnostar, USA Responsive
8. BB	Rapid Anti HCV Screening Kit (Immuno Chromatographic/Strips)	1. Three Stars Meidcal Fastep Responsive	2. Moon Enterprises ImuMed, USA Responsive	3. Gulf Marketing Int Diagnostar, USA Responsive
9. BB	Rapid HBs Ag Screening Kit (Immuno Chromatographic Cartridge/Strips)	1. Three Stars Meidcal Fastep Responsive	2. Moon Enterprises ImuMed, USA Responsive	3. Gulf Marketing Int Diagnostar, USA Responsive
10. BB	HIV Kit (Rapid) (ICT)	1. Three Stars Meidcal Fastep Responsive	2. Moon Enterprises ImuMed, USA Responsive	3. Gulf Marketing Int Diagnostar, USA Responsive
11. BB	ICT Malaria (Devices)	1. Three Stars Meidcal Fastep Responsive	2. Moon Enterprises ImuMed, USA Responsive	3. Gulf Marketing Int Diagnostar, USA Responsive
12. BB	Semi Plast	1. Three Stars Meidcal SaniPlast Responsive	2. Lab Chem Uniferoz Responsive	3. Dia Zone Local Responsive
13. BB	Cell Separator Kit	Not Quoted		
14. BB	Antibody Screening (Three Cell Panel)	Not Quoted		
15. BB	Antibody Screening (Three Cell Panel)	Not Quoted		
16. BB	Antibody Identification (Eleven Cell Panel)	Not Quoted		

17. BB	Anti Sera for Following 1. Kell 2. Kidd 3. Duffy 4. E 5. C 6. H	Not Quoted				
18. BB	CMV Kit (Antibody IgG Identification by Elisa)	Not Quoted				
19. BB	Blood Bag Double	1. Zedco				
20. BB	Blood Bag Single	1. Zedco				
21. BB	Chemiluminescence Based Kit With Placing Of Fully Automated Random Access Chemiluminescence Analyzer On Regent Basis For A Period Of (02) Two Years (2019-2020, 2020-2021) a). Hepatitis B b). Hepatitis C c). HIV Kit (Combo) d). Syphilis e). Malaria (Optional) (with all consumables & Controls included) (on FOC Basis) SPECIFICATIONS FOR IMMUNOASSAY ANALYZER 1). Fully automatic random access analyzer 2). Based on Chemiluminescence based system 3). On-board Reagent Refrigeration 4). Qualitative analysis assays 5). Programmable Keun facility for out of range results 6). Bar Code Reader 7). Reagent Vials with closed Caps automatically 8). Automated Clot Detection and Retention 9). Automated Operation automatically 10). Throughput 150 test/Hour or More 11). Sample Volume 150-250ul 12). Sample Capacity 50 samples with continuous loading plate from 13). Up to 24 Reagents on board at a time 14). Complete Standard and Operation Accessories but in external Laser Printer, Operating Manual (Soft Copy) 15). 220 V 50 HZ., AC 16). RS 232 or USB Internal NOTE:- The Prices offered will remain same for the complete tender period, (i.e. Two ears 2019, 2020, 2020-2021) irrespective to the other factors)	1. Hoora Pharma 2. Zedco 3. Roche Pakistan	Siemens, USA Responsive Abbott, USA Responsive Roche Responsive			
22. BB	Cross match on gel technique (Star Gel) on placement basis for the contract period of (02) two years (Extendable) (performance will be minimum time result (10-12 Minutes) and LIS connectivity with maximum test menu)	1. Zedco Haemokinesis, Australia Responsive	2. Diagnostics Medical Associates Ortho Bliss Responsive			


**COMPATATIVE STATEMENT MISCELLANEOUS
TECHNICAL BID YEAR'S 2019-2020**

1. MISC	Brushes for Test Tube Cleaning (Small & Large)	1. Three Stars Meidcal Local Responsive	2. Dia Zone Pakistan Responsive		
2. MISC	Beakers 50ml, 100ml, 150ml, 500ml, 1000ml, 2000ml	1. Musaji Adam & Sons Borosil, India Responsive	2. Three Stars Meidcal China		
3. MISC	Disposable Tips for Fixed Micropipettes Blue & Yellow	1. Three Stars Meidcal China Responsive	2. Moon Enterprises ImuMed, USA Responsive	3. Dia Zone China Responsive	
4. MISC	Formalin Solution	1. Musaji Adam & Sons Scharlu, Spain Responsive	2. Dia Zone BDH/Sigma Responsive		
5. MISC	Glass Slides for Microscopes (72 Pieces)	1. Three Stars Meidcal China Responsive	2. Moon Enterprises ImuMed, China Responsive	3. Dia Zone China Responsive	
6. MISC	Plastic Tube (15 x 100mm)	1. Three Stars Meidcal China Responsive	2. Dia Zone China		
7. MISC	Small Test Tubes (12mm x 100mm) Glass	1. Three Stars Meidcal China Responsive	2. Moon Enterprises ImuMed, USA Responsive	2. Dia Zone Responsive	
8. MISC	Test Tube Rack (Small & Large Holes) (48-54 Hols)	1. Three Stars Meidcal China Responsive	2. Dia Zone Pakistan		
9. MISC	Tourniquet (Small, Large)	1. Three Stars Meidcal Pakistan Responsive	2. Dia Zone Pakistan Responsive		
10. MISC	Test Tube Small (12mm x 75mm) Glass	1. Three Stars Meidcal China Responsive	2. Moon Enterprises China Responsive	3. Dia Zone China Responsive	
11. MISC	Thermometer 0-100C°, 0.360C°)	1. Dia Zone China Responsive			
12. MISC	Vacuainers (FDA Approved) (CBC, PT, ApTT, Serum, Fluoride)	1. Three Stars Meidcal Bio Vac Responsive	2. Moon Enterprises ImuMed-China Responsive		
16. MISC	Vacuainers 2.8ml, 3ml, 5ml (Gray, Green, Yellow, Blue, Purple)	Not Quoted			


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TECHNICAL EVALUATION REPORT OF LABORATORY KITS & CHEMICALS
FOR THE FINANCIAL YEAR 2019-20