

TECHNICAL EVALUATION REPORT (SUMMARY)

1. Name of Procuring Agency: University of Health Sciences Lahore
2. Method of Procurement: Single Stage two Envelopes
3. Title of Procurement: Procurement of Laboratory Research chemicals/kits/Consumables of HEC funded Project NRP U # 8666 of Allied Health Sciences, University of Health Sciences, Lahore
4. Tender Inquiry No: UHS/Pur/714/2019
5. Date & Time of Bid Closing: 31-08-2020 at 11:00 AM
6. Date & Time of Bid Opening: 31-08-2020 at 11:30 AM
7. Nos. of Bids Received: 03

Sr #	Item Description	Specifications	KHB International	Pakistan Hospital and Industrial Laboratory co.	The Worldwide Scientific
1	24 well cell culture plates	Suitable for mammalian Cell Culture, Sterile, Flat bottom Transparent Nalgene/equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
2	cDNA synthesis kit	Full Length first strand cDNA -Include all reagents for reaction except RNA Thermoscientific/equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
3	Sybr Green Master mixture	Gene expression, siRNA validation, Genotyping Hot start Roxas internal dye Thermoscientific/equivalent	Not Quoted	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
4	Cell Culture Flasks	T4, Plastic disposable	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Not Quoted
5	Glass Bottles	1 liter capacity Pyrex/equivalent	Quoted as per BOQ Qualified	Not Quoted	Not Quoted
6.	PBS Tablets	500ml/tablet Sigma/Invitrogen/equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
7.	Protein ruler	10-100 kda range Thermoscientific/equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
8	96 well Plates	Suitable for mammalian Cell Culture, Sterile, Flat bottom	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified

		Transparent Nunc Treated/Thermo scientific/equivalent			
9	RPMI with glutamine 1X 1640	Suitable for mammalian cell culture GIBCO /equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
10	Fetal Bovine Serum	Sterile, Suitable for mammalian cell culture GIBCO /equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
11	Light Ether	Molecular biology grade Sigma Aldrich / equivalent	Not Quoted	Not Quoted	Not Quoted
12	Surgical kit	Suitable for mice Autoclaveable	Not Quoted	Quoted as per BOQ Qualified	Not Quoted
13	Serological pipets 5ml 10 ml 25 ml	Disposable, fliter Thermo scientific/equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
14	API-20 E Strips	Suitable for identification of <i>Acinetobacterbauman nii</i> BioMerieux France / equivalent	Not Quoted	Quoted as per BOQ Qualified	Not Quoted
15	Ethanol	HPLC grade 99% Roth/Reidel / Equivalent	Quoted as per BOQ Qualified	Not Quoted	Quoted as per BOQ Qualified
16	Methanol	HPLC grade 99% Roth/Reidel / Equivalent	Quoted as per BOQ Qualified	Not Quoted	Quoted as per BOQ Qualified
17	30% acrylamide & Bisacrylamide solution	Suitable for SDS PAGE Bio rad / equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
18	Cryovials	Suitable for -80C storage SPL/Corning / equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Not Quoted
19	SDS	Molecular Biology Grade Sigma Aldrich / equivalent	Not Quoted	Not Quoted	Quoted as per BOQ Qualified
20	Glycine	Molecular Biology Grade Sigma Aldrich / equivalent	Not Quoted	Not Quoted	Quoted as per BOQ Qualified
21	Tris Base	Molecular Biology Grade Sigma Aldrich / equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
22	Agarose Powder	Molecular Biology Grade Merck/ Scharalau / equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified

23	Glycerol 100%	Molecular Biology Grade Sigma Aldrich / Merck/equivalent	Not Quoted	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
24	Oxidase reagent	For Oxidase test Sigma Aldrich / Merck/equivalent	Quoted as per BOQ Qualified	Not Quoted	Not Quoted
25	KCl	Molecular Biology Grade Sigma Aldrich / Merck/equivalent	Not Quoted	Not Quoted	Quoted as per BOQ Qualified
26	Tryptone	Suitable for LB agar plates Oxoid / equivalent	Quoted as per BOQ Qualified	Not Quoted	Quoted as per BOQ Qualified
27	Glucose Monohydrate	Molecular Biology Grade Sigma Aldrich / Merck/equivalent	Not Quoted	Not Quoted	Quoted as per BOQ Qualified
28	Chloroform	Molecular Biology Grade Sigma Aldrich / Merck/equivalent	Not Quoted	Not Quoted	Quoted as per BOQ Qualified
29	Ortho phosphoric acid	Molecular Biology Grade Sigma Aldrich / Merck/equivalent	Not Quoted	Not Quoted	Quoted as per BOQ Qualified
30	Mackonkey agar	Oxoid / Millipore / Equivalent	Quoted as per BOQ Qualified	Not Quoted	Quoted as per BOQ Qualified
31	Agar Technical	Suitable for LB agar Oxoid / equivalent	Not Quoted	Not Quoted	Quoted as per BOQ Qualified
32	Muller Hilton Agar	Oxoid / equivalent	Quoted as per BOQ Qualified	Not Quoted	Quoted as per BOQ Qualified
33	Ammonium sulphate	Molecular Biology Grade Sigma Aldrich / Merck/equivalent	Not Quoted	Not Quoted	Quoted as per BOQ Qualified
34	TEMED	Suitable for SDS PAGE gels Sigma Aldrich / Merck/equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
35	Glacial acetic acid	Molecular Biology Grade Merck Millipore / equivalent	Not Quoted	Not Quoted	Quoted as per BOQ Qualified
36	Cryovial Storage box	81 wells, For 1.5 ml tubes, Plastic	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
37	Cryosafe Cooler Box	NA	Not Quoted	Not Quoted	Quoted as per BOQ Qualified
38	Water	Real Time PCR Grade, sterile	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified

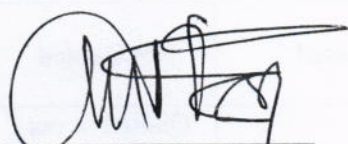
39	Nitrile Gloves	Medium Sigma Aldrich / Merck/equivalent	Not Quoted	Not Quoted	Quoted as per BOQ Qualified
40	Skimmed Milk Powder	Suitable for blocking protein bands on PVDF membrane Sigma Aldrich / Merck/equivalent	Quoted as per BOQ Qualified	Not Quoted	Not Quoted
41	Penicillin- Streptomycin Solution	Suitable for mammalian cell culture experiments 10,000 units penicillin and 10 mg Streptomycin/ml	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
42	Trypsin EDTA 0.5%(10x)	Suitable for mammalian cell culture experiments Sigma Aldrich / Merck/equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
43	Petri plates	Standard bacterial culture plates, sterile, plastic, disposable Sigma Aldrich / Merck/equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
44	RNAase decontamination solution	Spray bottles Santa Cruz/Sigma Aldrich/Merck / equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
45	Falcon tubes	50 ml capacity	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
46	Aluminium Foil	Sigma Equivalent	Not Quoted	Not Quoted	Not Quoted
47	Parafilm	1"wide x 1000"long;	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Not Quoted
48	1Kb DNA Ladder	Thermoscientific /equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
49	Ponceau solution	Suitable of for staining protein bands on nitrocellulose or PVDF membranes Sigma Aldrich / Equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
50	Restriction enzymes, BamH1, EcoR1, SacI, HindIII, XbaI	High Fidelity NEB / equivalent	Not Quoted	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
51	Disposable Syringes	(5ml), without needle BD / equivalent	Not Quoted	Not Quoted	Not Quoted
52	Glass Flasks	250 ml capacity, suitable for microbial culture Pyrex / equivalent	Quoted as per BOQ Qualified	Not Quoted	Not Quoted
53	RNA Isolation kit	Applications: Nucleic Acid Labeling,	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified

		cDNA library construction Thermoscientific /equivalent			
54	TRI Reagent	Molecular Biology grade Sigma Aldrich / Equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
55	Iso Propanol	HPLC grade Agilent/Thermo scientific / equivalent	Quoted as per BOQ Qualified	Not Quoted	Not Quoted
56	PCR Plates	Compatible with Agilent real time PCR system	Not Quoted	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
57	Disposable inoculating loops	Blue loop	Not Quoted	Quoted as per BOQ Qualified	Not Quoted
58	Micro pipette filter tips 10 ul, 200 ul, 1 ml	Sterile, Nulease free, Packed in boxes	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
59	Sodium chloride	99% Sigma Aldrich / Equivalent	Quoted as per BOQ Qualified	Not Quoted	Not Quoted
60	Dissecting board	Suitable for dissecting mice and rats	Not Quoted	Not Quoted	Not Quoted
61	Blotting papers		Not Quoted	Not Quoted	Quoted as per BOQ Qualified
62	6X Loading Dye	For DNA samples	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
63	PVDF Membrane	Suitable for Western blotting Abcam / Equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
64	Anti 3 FLAG antibody	Suitable for Western blotting Abcam / Equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
65	Anti poly His antibody	Suitable for Western blotting Abcam / Equivalent	Not Quoted	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
66	HRP conjugated Anti mouse secondary antibody	Suitable for Western blotting Abcam / Equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
67	HRP conjugated Anti rabbit secondary antibody	Suitable for Western blotting Abcam / Equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
68	HRP Western blot Substrate	Sensitivity Low-picogram to high-femtogram through CCD imager Thermoscientific / equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
69	Primers	0.25 uM	Quoted as per BOQ	Quoted as per BOQ	Quoted as per BOQ


			Qualified	Qualified	Qualified
70	DNA Sequencing	Sanger Sequencing	Not Quoted	Quoted as per BOQ Qualified	Not Quoted
71	T4 DNA Ligase	Suitable for both blunt end and sticky ends ligation Thermoscientific / equivalent	Not Quoted	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified
72	Transparent cover for 96 well plates	Suitable for real time PCR Thermoscientific / equivalent	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified	Quoted as per BOQ Qualified

All technical bids were evaluated against the laid specifications and comparative statement (summary/detail) is being submitted to Chairman Tender Committee and Incharge Purchase Cell for further necessary action.

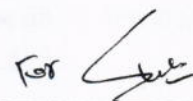
No Complaint Shall be entertained after 10 days of display of Technical Evaluation report.



Dr. Allah Rakha
Chairman, Tender Committee



Dr. Irfan Ahmad
AP AHS Department



Prof. Dr. Shagufta Khaliq
Incharge, Purchase Cell