

TECHNICAL BID EVALUATION REPORT

Organizing Agency: University of Health Sciences Lahore

Type of Procurement: Single Stage two Envelopes

Object of Procurement: Procurement of Laboratory Research Chemicals/kits/Consumables for M.Phil Research Projects of Forensic Sciences, Pharmacology, Human Genetics, IBAHS & Biochemistry Department, University of Health Sciences, Lahore

4. Tender Inquiry No: UHS/Pur/1631/2021

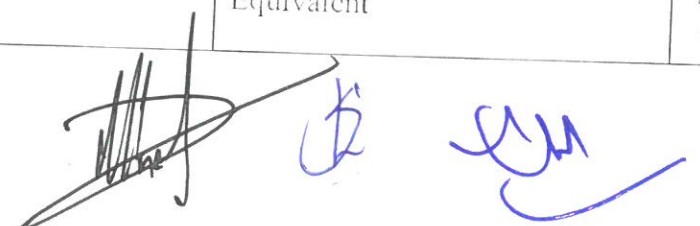
5. Date & Time of Bid Closing: 01-08-2022 at 11:00 AM

6. Date & Time of Bid Opening: 01-08-2022 at 11:30 AM

7. No. of bids received: 08

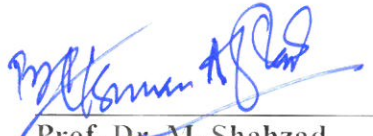
8. Criteria of Bid Evaluation: Technical Qualification

Sr. No	Item	Specifications	Pakistan Hospital	The Worldwide Scientific	Briogene Pvt Ltd.	Biopharma International	Multi LinkX Enterprises	Molecular Biology Products	Ayyan Molecular Products	Research Time Scientific
Project # 01 Biochemistry Department										
1.	Agarose (500 g)	Sigma/ Thermofisher/ Equivalent	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED	NOT QUOTED	NOT QUOTED	Quoted as per B.O.Q Specifications QUALIFIED	NOT QUOTED	NOT QUOTED	Quoted as per B.O.Q Specifications QUALIFIED
2.	RNAse A solution (20mg/mL) 10mL	Thermofisher/ Qiagen/ Equivalent	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED	NOT QUOTED	NOT QUOTED	Quoted as per B.O.Q Specifications QUALIFIED	NOT QUOTED	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED
3.	Genomic DNA extraction Kit (1x100preps)	Thermofisher/ Qiagen/ Equivalent	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED	NOT QUOTED	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED
4.	dNTPs blend (100mM) 2mL	Thermofisher/ Qiagen/ Equivalent	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED	NOT QUOTED	NOT QUOTED	NOT QUOTED	NOT QUOTED	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED
5.	DNA ladder 1kb (250 ug)	Thermofisher/ Qiagen/ Equivalent	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED	NOT QUOTED	NOT QUOTED	Quoted as per B.O.Q Specifications QUALIFIED	NOT QUOTED	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED
6.	DNA loading dye (6x)	Thermofisher/ Qiagen/ Equivalent	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED	NOT QUOTED	NOT QUOTED	Quoted as per B.O.Q Specifications QUALIFIED	NOT QUOTED	Quoted as per B.O.Q Specifications QUALIFIED	Quoted as per B.O.Q Specifications QUALIFIED



Project # 03 Pharmacology Department

Sr. No.	Items	Specifications	PHILCO	The Worldwide Scientific	Research time scientific	Molecular Biology Products	Ayyan Chemicals	Multi Linux Enterprises	Briogene Pvt Ltd	Bio pharma
1	Imiguimod 5%	Sigma or Equivalent	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as BOQ Qualified	Not Quoted	Not Quoted
2	HNG analogue	Sigma or Equivalent	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as BOQ Qualified	Not Quoted	Not Quoted
3	NO kit	Elab Sciences	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as BOQ Qualified	Not Quoted	Not Quoted
4	Ornithine decarboxylase Kit	Elab Sciences or Equivalent	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as BOQ Qualified	Not Quoted	Not Quoted
5	Glutathione Kit	Elab Sciences or Equivalent	Not Quoted	Quoted as BOQ Qualified	Not Quoted	Not Quoted	Not Quoted	Quoted as BOQ Qualified	Not Quoted	Not Quoted
6	SOD Kit	Elab Sciences or Equivalent	Not Quoted	Quoted as BOQ Qualified	Not Quoted	Not Quoted	Not Quoted	Quoted as BOQ Qualified	Not Quoted	Not Quoted



Prof. Dr. M. Shahzad
 Head,
 Dept. of Pharmacology
 University of Health Sciences, Lahore.

Sr. No.	Items	Quantity Required	Briogene	Research Time Scientific	Molecular Biology Products	Worldwide Scientific	Biopharma International	Multi Linkx Enterprises	Pakistan Hospital	Ayyan Molecular Products
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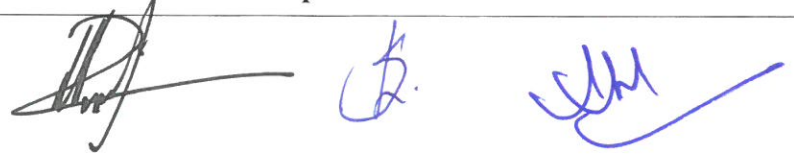
Project # 04 Human Genetics Department

1	Primers	25nmol standard desalting purification Macrogen/equivalent	Not quoted	Not quoted	Qualified	Qualified	Not quoted	Qualified	Qualified	Not quoted
2	HRM PCR master mix	2x containing hotstart DNA polymerase, optimized buffer and EvaGreen HRM dye. Should be supplied buffer and dye system providing visual aid in reaction setup. Thermoscientific /Equivalent	Qualified	Not quoted	Not quoted	Qualified	Not quoted	Qualified	Not Qualified (Does not include EvaGreen HRM dye)	Not quoted

Project # 05 Human Genetics Department

1	Primers	25nmol standard desalting purification Macrogen/equivalent	Not quoted	Not quoted	Qualified	Qualified	Not quoted	Qualified	Qualified	Not quoted
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Project # 06 Human Genetics Department




Sr. No.	Items	Quantity Required	Briogene	Research Time Scientific	Molecular Biology Products	Worldwide Scientific	Biopharma International	Multi Linkx Enterprises	Pakistan Hospital	Ayyan Molecular Products
1	miScript Primer Assay	(100x50ul rxn) Hs_miR-122a_1 specific 10x primer Qaigen/equivalent	Qualified	Not quoted	Not quoted	Not quoted	Not quoted	Not quoted	Not quoted	Not quoted
2	miScript SYBR Green PCR master mix	containing hotstart DNA polymerase, optimized buffer, dNTP mix, including dUTP, SYBR Green I, ROX passive reference dye & 5mM MgCl2 Should be supplied buffer with 10x miScript Universal primer and RNase Free water Qaigen/equivalent	Qualified	Not quoted	Not Qualified (No ROX passive reference dye included, and Not compatible with required miScript miRNA analysis workflow)	Not Qualified (Not compatible with required miScript miRNA analysis workflow)	Not quoted	Not Qualified (Not compatible with required miScript miRNA analysis workflow)	Not Qualified (Not compatible with required miScript miRNA analysis workflow)	Not quoted
3	PvuII restriction enzyme	Concentration 10U/ul. Supplied with optimized reaction buffer with BSA and a universal buffer for double digestion, Thermoscientific/ equivalent	Not quoted	Not quoted	Not quoted	Qualified	Not quoted	Qualified	Qualified	Not quoted
4	Primers	25nmol standard desalting purification Macrogen/equivalent	Not quoted	Not quoted	Qualified	Qualified	Not quoted	Qualified	Qualified	Not quoted
5	miRNA serum/plasma kit	For Isolation of total RNA, including miRNA, from human serum/plasma samples. Spin columns based. Provided with organic chemicals(e.g. phenol/chloroform)required for procedure Qaigen/Invitrogen/ equivalent	Qualified	Not quoted	Qualified	Not Qualified (Not intended for miRNA isolation from human serum/plasma samples)	Not quoted	Qualified	Qualified	Qualified
6	HRM PCR master mix	2x containing hotstart DNA polymerase, optimized buffer and EvaGreen HRM dye. Should be supplied buffer and dye system providing visual aid in reaction setup. Thermoscientific /Equivalent	Qualified	Not quoted	Not quoted	Qualified	Not quoted	Qualified	Not Qualified (Does not include EvaGreen HRM dye)	Not quoted

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 Prof. Dr. Frideen Jawad Ahmad
 Head,
 Dept. of Human Genetics & Molecular Biology,
 University of Health Sciences, Lahore.

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Sr. No	Tender Item	Specification	Pakistan Hospital & Industrial Laboratory CO.	Multi LinkX Enterprises	Ayyan Molecular Products	Biopharma international I	The worldwide scientific	Briogene PVT Ltd.	Molecular biology products	Research time scientific
Project # 07 Forensic Sciences Department										
01	Amicon ultra centrifugal filter unit 30KDa	Merck/equivalent	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
02	Guanidine hydrochloride	Merck/equivalent	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
03	Silica spin columns	Merck/equivalent	Not Quoted	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
04	Ammonium acetate	Sigma/equivalent	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
Project # 08 Forensic Sciences Department										
05	N-Laurylsarcosin Sodium salt	Sigma/equivalent	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
06	Tween-20	Honeywell/ equivalent	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
07	Sodium acetate	Honeywell/ equivalent	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
08	Microcon DNA Fast Flow centrifugal filter units with ultracel membrane	Merck/equivalent	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
09	Diothithreitol	Fluka/equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
Project # 09 Forensic Sciences Department										
10	Primers	25 nmol macrogen/equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted
11	PCR master Mix	Thermoscientific /equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
12	Syber green master mix	Thermoscientific /equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
13	Loading dye	Thermofischer/Qiagen/ /equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
14	Filtered tips	1000ul Thermofischer/Qiagen/ sigma//equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified
15	Filtered tips	100ul Thermofischer/Qiagen/ sigma//equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified

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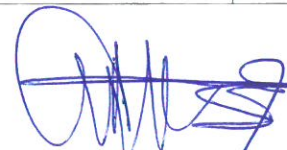
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					Qualified	Qualified	Qualified			Qualified
16	Filtered tips	10ul Thermofischer/Qiagen/sigma//equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified
17	DNA ladder	50 bp Thermofischer/Qiagen/equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
18	Multiwell plates	96 wells Thermoscientific / equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified	Not Quoted
19	Dextran blue	Merck/equivalent	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

Project # 10 Forensic Sciences Department

20	Beakers	100ml, 500ml	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	500ml qualified 100 ml not quoted
21	Separating funnel	100ml	(250ML) NOT QUALIFIED	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
22	Round bottom flask	500ml	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
23	Reagents bottle	1L and 100ml	1L qualified 100 ml not quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
24	Conical flask	250ml	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
25	Test tubes		Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
26	Zinc sulfate hepta hydrate	Sigma/ equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
27	Charcoal powder	Sigma/ equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BoQs Qualified
28	Cameel hair brush, fiber brush	Sirche/ equivalent	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
29	Black magnetic powder	Sirche / equivalent	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
30	Mini elute PCR purification kit	Qiagen/ equivalent	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified
31	Silica magnetic beads	Accubead silica coated magnetic beads	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

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Prof. Dr. Allah Rakha
 Head,
 Dept. of Forensic Sciences
 University of Health Sciences, Lahore.

Project # 11 IBAHS Department

Sr NO	Items	Specifications	Quantity Required	Biopharma International	Multi LinkX Enterprises	Ayyan Molecular Product	Pakistan Hospital	Research Time Scientific	Molecular Biology Products	Briogene	WorldWide Scientific
1	miRNA Extraction Kit	Plasma Specific	10 Rxns	Not Quoted	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified	Not according to Boq Specifications Not Qualified As miRNA kit is demanded but vendor quoted mRNA kit	Not according to Boq Specifications Not Qualified As miRNA kit is demanded but vendor quoted mRNA kit
2	cDNA Synthesis Kit	Full Length 1st Strand cDNA upto 13kb, Optimum Reaction temperature 42°C, complete kit (all reagents)	100 reactions	Not Quoted	Not according to Boq Specifications Not Qualified as neither any specifications about the quoted item is mentioned nor the quoted item catalog number is available on manufacturer's website	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not according to Boq Specifications Not Qualified As 13kb First strand is required but vendor quoted kit with 10kb first strand length only	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Qualified
3	SyBr Green	Application: Gene Expression, siRNA validation, Genotyping, format: Hotstart/ROX technology: Accurate quantification across 9 orders of magnitude for 1000 reactions	1000 reaction kit	Not Quoted	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not according to Boq Specifications Not Qualified as the quoted item don't have the passive dye ROX present in the kit	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Qualified
4	15ml Falcon tubes	Polypropylene material, Dnase/Rnase free, Sterile, gradient markings, autoclave withstand 8000rpm/10000g	500	Not Quoted	Quoted as per BoQs Qualified	Not Quoted	Quoted as per BoQs Qualified	Quoted as per BoQs Qualified	Not Quoted	Not Quoted	Not according to Boq Specifications Not Qualified as whole falcon tube can't be autoclaved, caps must be removed for autoclaving, which compromise the sterility of the tube

Dr. Saqib Mehmood
 Dr. Saqib Mehmood
 Head, Dept. of IBAHS

Technical bid was evaluated by EndUsers against the laid specifications and comparative statement (summary/detail) is being submitted to Technical committee for further necessary action.

No Complaint Shall be entertained after 07 days of display of Technical Evaluation report.

[Signature]
 Dr. Urooj Zehra
 Convener

[Signature]
 Mr. Talib Hanif
 Member

[Signature]
 Mr. Hafiz Shahid Hameed
 Member

[Signature]
 Mr. Ali Fayyaz Malik
 Member

