

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 Chemicals/Consumables/kits from HEC funded SARF Project for Human Genetics Department.
4. Tender Inquiry No: UHS/Pur/1093/20
5. Date & Time of Bid Closing: 15-02-2020 at 11:00 AM
6. Date & Time of Bid Opening 15-02-2020 at 11:30 AM
7. Nos. of Bids Received: 03

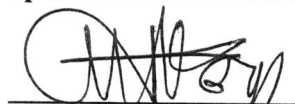
Sr. #	Items	Specifications	QTN	PHILCO	WWS	H.A. SHAH
1	SeqStudio™ Cartridge	125 injections/500 reactions. For ABI SeqStudio™ Genetic Analyzer, from authorized distributors only.	2	Not quoted	Not quoted	Qualified
2	SeqStudio™ Cathode Buffer Container	Pack of 04 containers. For ABI SeqStudio™ Genetic Analyzer, from authorized distributors only.	4	Not quoted	Not quoted	Qualified
3	SeqStudio™ Cathode Buffer Container Reservoir Septa	Pack of 20 septa. For ABI SeqStudio™ Genetic Analyzer, from authorized distributors only.	1	Not quoted	Not quoted	Qualified
4	BigDye™ Terminator v3.1 Cycle Sequencing Kit	100 reactions & 1000 reactions. For use with ABI Genetic Analyzer, from authorized distributors only.	1	Not quoted	Not quoted	Qualified
5	Hi-Di™ Formamide	5ml. For use with ABI Genetic Analyzer, from authorized distributors only.	2	Not quoted	Not quoted	Qualified
6	Applied Biosystems™ MicroAmp™ Optical 8-Tube Strip	0.2mL, 125 strips, compatible with ABI Genetic Analyzer	1	Not quoted	Qualified	Qualified
7	8-strip Septa for Genetic Analyzer	Pack of 24 septa. For ABI Genetic Analyzer, , from authorized distributors only.	1	Not quoted	Not quoted	Qualified
8	MicroAmp™ Optical 96-Well Reaction Plate	Pack of 500 plates, compatible with ABI Genetic Analyzer	1	Not quoted	Qualified	Qualified
9	MicroAmp™ Optical Adhesive Film	Pack of 100 covers, compatible with MicroAmp™ Optical 96-Well Reaction Plate	5	Not quoted	Qualified	Qualified
10	96-well Septa for Genetic Analyzer	Pack of 20 septa. For ABI Genetic Analyzer, from authorized distributors only.	1	Not quoted	Not quoted	Qualified

11	GeneScan™ 600 LIZ™ dye Size Standard v2.0	800 reactions. For fragment analysis on ABI Genetic Analyzer. , from authorized distributors only.	1	Not quoted	Not quoted	Qualified
12	Gateway™ LR Clonase™ II Enzyme mix	20 reactions. Invitrogen or equivalent.	1	Qualified	Qualified	Not quoted
13	pENTR™ 5'-TOPO™ TA Cloning™ Kit, with One Shot™ TOP10 Chemically Competent E. coli	One-step cloning of a Taq polymerase-amplified PCR product encoding a eukaryotic promoter of interest into a MultiSite Gateway entry vector with ≥85% efficiency. Invitrogen or equivalent.	1	Qualified	Qualified	Not qualified (Not quoted according to required specifications i.e. not pENTR cloning kit)
14	Ethanol, Absolute (200 Proof), Molecular Biology Grade	500ml. Thermochemical or equivalent.	1	Not quoted	Qualified	Not quoted
15	Nuclease-Free Water, Molecular Biology Grade	1000ml, autoclaved, membrane-filtered. Thermochemical or equivalent.	1	Qualified	Qualified	Qualified
16	High purity Agarose	100g pack, separation range of 100 bp to >10 kb, standard melting temperature agarose, Ideal for recovery of DNA and RNA fragments from gel. Thermochemical or equivalent.	1	Qualified	Qualified	Not quoted
17	Gel extraction kit	50preps, for silica membrane-based DNA fragment purification from standard or low-melting point agarose gels, capable of up to 95% recoveries in the range of 100 bp—10kb. Qiagen or equivalent.	1	Qualified	Qualified	Not quoted
18	Hot Start PCR Master Mix (2x)	1000 reactions. Ready-to-use solution containing Hot Start DNA polymerase, optimized buffer, MgCl ₂ , and dNTPs. Has built-in antibody based hot start with no polymerase activity at ambient temperature, two tracking dyes and a density reagent. Amplification of long targets up to 6 kb from genomic DNA and up to 20 kb from viral DNA, generates 3'-dA overhangs, Incorporates dUTP and modified nucleotides for increased PCR specificity. Thermochemical or equivalent.	1	Not qualified (Not quoted according to required specifications i.e. No tracking dyes)	Qualified	Not quoted
19	High fidelity and specificity PCR Master Mix	500 reactions. Ready-to-use with built-in hot start, room temperature reaction setup and 24 h bench top stability of pre-assembled reactions, high (>300x more) fidelity than standard Taq polymerase, high specificity, enables universal primer annealing at 60°C, includes GC enhancer for robust amplification of DNA templates with sub-optimal purity or with >65% GC content, compatible with fast-cycling protocols and amplification of long targets (up to 20 kb). Ideal for cloning, sub-cloning and site-directed mutagenesis applications.	1	Qualified	Qualified	Not quoted

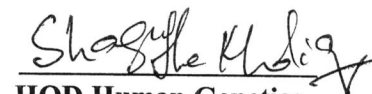
		Thermoscientific or equivalent.				
20	50 bp DNA Ladder	50ug pack, ready to use, range of 50bp to 1000bp, provided with TriTrack DNA Loading Dye. Thermoscientific or Bio-World or equivalent.	1	Qualified	Qualified	Not quoted
21	100 bp DNA Ladder	50ug pack, ready to use, range of 100bp to 3000bp, provided with TriTrack DNA Loading Dye. Thermoscientific or Bio-World or equivalent.	1	Qualified	Qualified	Not quoted
22	Custom flourescently labled primer (19bp each)	50nmol synthesis, one FAM labelled and one VIC labelled.	2	Not qualified (Not quoted according to required specifications i.e. no FAM and VIC labels)	Qualified	Not quoted
23	Exonuclease I (20U/μl)	20,000U, Should be active in PCR buffers, for PCR clean-up in conjunction with ALP prior to Sanger sequencing reactions.	3	Qualified	Qualified	Not quoted
24	Thermosensitive Alkaline Phosphatase (1U/μL)	1000U, should be active in PCR and restriction enzyme buffers, recombinant enzyme, capable of fast dephosphorylation (10 minutes at 37°C) + fast and complete inactivation (5 minutes at 75°C) protocols, for PCR clean-up in conjunction with Exo I prior to Sanger sequencing reactions.	6	Qualified	Qualified	Not quoted

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 07 days of display of Technical Evaluation report.



Dr. Allah Rakha
Chairman, Tender Committee



HOD Human Genetics
& Molecular Biology



Prof. Dr. Shagufta Khaliq
Incharge, Purchase Cell