

BID EVALUATION REPORT OF CENTRAL LAB EQUIPMENT (TENDER # 02/2021-22)-PROJECT [STRENGTHENING OF EXISTING FACILITIES OF GOVT. SADIQ COLLEGE WOMEN UNIVERSITY (GSCWU) BAHAWALPUR]

- **PPRA Reference No:** 163704T13102021985
- **Date and Time of Bid Closing:** 17-11-2021 @ 11:00 A.M.
- **Date and Time of Bid Opening:** 17-11-2021 @ 11:30 A.M.
- **No. of Bids Received:** 09 (Nine)
- **Item:** Central Lab Equipment

The tendering opening process was held on 17/11/2021 for the purchase of central lab equipment. 09 (Nine) firms participated in tendering procedure.

The names of the firms are given below:

1. M/S Pakistan Hospital and Industrial Laboratory Co.
2. M/S H.A Shah And Sons ,Islamabad
3. M/S Analytical Measuring System Karachi
4. M/S Rays Technologies Gulberg-111 Lahore
5. M/S SU Enterprises Gulberg-111 Lahore
6. M/S Leo Science, Islamabad
7. M/S Prime Scientific Corporation, Lahore
8. M/S Continental Worldwide Trading Co. Karachi
9. M/S MaxTech Corporation, Lahore

Bids of M/S Continental Worldwide Trading and M/S MaxTech Corporation were disqualified in the technical evaluation from the technical committee.

The technical report along is as under:

Sr	ITEM DESCRIPTION (CENTRAL LAB EQUIPMENT)	Qty	Pakistan Hospital and Industrial Laboratory Co.	H. A. Shah & Sons, Islamabad	Analytic Measuring System, Karachi.	Rays Technologies Gulberg-III Lahore	SU Enterprises Gulberg-III Lahore	Leo Science, Islamabad.	Prime Scientific Corporation, Lahore.	Continental Worldwide trading Co, Karachi.	Max Tech Corporation Lahore	Qualified	Disqualified
1	Atomic Absorption Spectrophotometer:	1	Not Quoted	Agilent 280FS Atomic Absorption Spectrometer Flame and Hydride AAS Compact high-performance atomic absorption spectrometer	Perkin Elmer Pinnacle 900 F Atomic Absorption Spectrophotometer:	Atomic Absorption Spectrophotometer novAA800 F - 08000-2 AAS novAA 800F 230 V, 50/60 Hz Compact Spectrometer for Flame	500 F-PC PG Instrument UK. Fully automated fast Sequential Computer (Core I 5) with Laser printer Gas	Only Brochure Available No relevant specifications found.	9423 500 33301 iCE 3300 AA Spectrometer (wide PMT) • Flame and Hydride AAS With 10 Years	Not Quoted	Not Quoted	1. Prime Scientific Corporation 2. Rays technologies 3. Analytic Measuring System ,Karachi	1. Leo Sciences * Only Brochure attached 2. H.A.Shah & Sons * Optics Warranty not given * Detector specifications change * PMT

Sr	ITEM DESCRIPTION (CENTRAL LAB EQUIPMENT)	Qty	Pakistan Hospital and Industrial Laboratory Co.	H. A. Shah & Sons, Islamabad	Analytic Measuring System, Karachi.	Rays Technologies Gulberg-III Lahore	SU Enterprises Gulberg-III Lahore	Leo Science, Islamabad.	Prime Scientific Corporation, Lahore.	Continental Worldwide trading Co, Karachi.	Max Tech Corporation Lahore	Qualified	Disqualified
				for flame technology in absorption and emission mode with external PC control.		with Hydride AAS with external PC-control and Control- and Evaluation software ASPECT LS and Auto Sampler	Cylinder of Argon, Nitrous Oxide and Acetylene Model: 500F-PC PG Instrument - UK						intensity is change * Gas supply and nitrous oxide volume is different 3. SU Enterprises Optics Warranty not given *Burner head Titanium is given *Spectral bandwidth change *Nebulizer specifications are different *Coded low temperature burner
2	ELISA System:	1	Not Quoted	Not Quoted	DS201, PerkinElmer, USA	EZ Read 400 Biochrom England, Wave length range demanded: 200-900nm	INNO-5, LTEK Korea Letter of authorization is not attached	Not Quoted	Not Quoted	Not Quoted	Not Quoted	1. Analytic Measuring System, Karachi	1. Rays Technologies. EZ Read 400 Biochrom England, Wave length range demanded: 200-900nm Wave length range quoted: 400-750 Shaking: No Full spectra or 8 distinct wavelengths

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													<p>in < 1 sec / well : No Incubation +5 °C above ambient up to 45 °C: No Photometric methods: Single and dual wavelength: • Monochromator step size: 1 nm: not quoted • Bandwidth: 3 nm or more Read time: 8-10 sec/96-well demanded: 25 sec quoted Specification are not according to the demand</p> <p>2. S.U Enterprises INNO-5, LTEK Korea Letter of authorization is not attached</p>

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3	FREEZE DRYER ALPHA 1-2 LD PLUS:		Not Quoted	Not Quoted	Not Quoted	Model: RZ 2.5 Christ Made in Germany	Model: HyperCool-110 Gyrozen Made in Korea	Not Quoted	Not Quoted	Not Quoted	Not Quoted	1. Rays Technologies	1.S.U enterprises Authorization Letter Not Attached
4	Real time PCR:	1	G8830A, Agilent Technologies, USA	A28569 Quant studio 5, applied Bio systems	PentaBase, Denmark Letter of authorization is not attached	Not Quoted	abCyclerQ, AIT Biotech, Singapore Letter of authorization is not attached	Not Quoted	Not Quoted	Not Quoted	Not Quoted	1. Pakistan Hospital and industrial Laboratory co. 2. H.A Shah & sons Islamabad 3. Analytical Measuring System, Karachi	1. SU enterprises Letter of authorization is not attached
5	PCR Thermal Cycler Gradient:	1	A24811 SimpliAmp thermal Cycler Applied Biosystem (ThermoFisher Scientific) USA	A48141, VeritiPro thermal cycler, Applied Biosystems, (ThermoFisher Scientific) USA	2720, Applied Biosystems (ThermoFisher Scientific) USA	THERM-1000, MaxyGene II, Corning, USA Letter of authorization is not attached	Labcyler Gradient, Sensoquest, Germany					1. Pakistan Hospital & industrial laboratory co. 2.HA Shah & Sons 3. SU Enterprise	1. Analytic Measuring System, Karachi Letter of authorization is not attached 2. Rays Technologies Letter of authorization is not attached

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6	NANO DROP SPECTROMETER	1	Model: Nabi UV/VIS Spectrophotometer Micro digital Made in Korea	Model: 6135000904 Bio spectrometer Basic Eppendorf Made in Germany	Model: LNN-101 Laboquest Made in USA	Model: BioDrop DUO+ Biochrom Made in USA	Model- INNO-N LTEK Made in Korea	Not Quoted	Not Quoted	Not Quoted	Not Quoted	1. Pakistan Hospital and Industrial Laboratory Co 2. Analytical Measuring System, Karachi 3. Rays Technologies Gulberg-III Lahore	1. H. A. Shah & Sons, Islamabad : Specifications are not according to tender document. Wavelength: Required is 220-950nm Quoted: 200-800 Optical path length Required is 1mm to 10mm Quoted: 1mm Not capable for colorimeter protein assays 2. SU Enterpize Authorization Letter Not Attached

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7	Bench top Muffle Furnace:		Not Quoted	Not Quoted	Not Quoted	Furnace 1200°C – XSB Series Model XSB-6-6-9-1V, Thermcraft Made in USA	Model: GB5-122 Hobersel – Spain	GB - SERIES SIDE DOOR AND DROP DOWN DOOR · REFINED DESIGN · CERAMIC FIBER GB10-122 Hobersel spain	Not Quoted	Not Quoted	Not Quoted	1.Leo Science, Islamabad 2.Rays Technologies 3.SU enterprises	
8	Fluorescence Microscope:	1	Not Quoted	Not Quoted	Model: FML-210 Lab quest, USA Technically qualified	BX53LED, Olympus, Japan Technically Qualified	Not Quoted		Not Quoted	Not Quoted	Not Quoted	1. Analytic Measuring System, Karachi 2. Rays Technologies	
9	FTIR Spectrometer with Diamond ATR, software & Accessories		Not quoted	G8043AA Cary 630 FTIR Instrument with Software Bundle G8043AA#3200 Cary FTIR Diamond ATR G8043-67402 KBR Window with Removal Tool Laptop (Core i7 with	SPECTRUM TWO FTIR SYSTEM, SPECTRUM TWO SYSTEM, 100-240V, 50/60Hz – Standard DTC, KBr, Sp10 9,300:1 SNR p-p noise for 5 second scan, 8300 –	FT-IR Spectrometer with Zinc Selenide optics & Zinc Selenide ATR European Union Made Compact FT-IR spectrometer for quick, easy and reliable Made in European Union	Not quoted		Nicolet iS50 FTIR Tri-Detector Gold Flex Spectrometer	Not quoted	Not quoted	1. Analytic Measuring System, Karachi. 2. Prime Scientific Corporation, Lahore	1. Rays Technologies Gulberg-III Lahore Because they quoted Zinc Selenide instead of diamond ATR as diamond ATR is compulsory in our tender.

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				windows) Laser Printer Compatible UPS	350cm-1 spectral range, 0.5cm-1 resolution, AVC Operation / users Manuals, Certificate Of Origion / Guarrantee (Soft Copy) i7 Laptop HP Laser Jet Printer 3 KVA UPS	Astonia							2. H. A. Shah & Sons, Islamabad they did not provide 10 years warranty for interferometer. 10 years for laser, 5 years for IR source
10	Potentiostat :		Not Quoted	Not Quoted	AMETEK - Advance Measureme nt Technology Inc. PARSTAT 4000A PARSTAT 4000A has industry- leading voltage accuracy and dynamic current range, standard	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Metrohm AG, Ionenstrasse, 9100 Herisau, Switzerland. (All in one Potentiostat/ Galvanostat) Make: Metrohm Switzerland VIONIC	Not Quoted	1. Analytic Measuring System, Karachi	1. Continental Worldwide trading Corporation. * No specifications relevant to Current accuracy, potential resolution, current resolution

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11	WATER DEIONIZER	1	Not quoted	Not quoted	Not quoted	Model: OMNIA Tap-06 Stakpure Made in Germany	Model: HALIOS6 Neptec Made in Germany	Not quoted	Not quoted	Not quoted	Not quoted	1.. Rays Technologies Gulberg-III Lahore 2. SU Enterprises Gulberg-III Lahore	
12	Incubator Ambient temperature:	1	Not Quoted	Not Quoted	Model: LBCI-A12 Laboquest, USA Speed Range: 50 to 400 rpm, Capacity: 250ml, 500ml 2L and 5L Flasks, HEPA filter, Accessories : platforms, clamps for flasks, petri dishes, and test tube racks are not quoted Technically Disqualified	Model 13000 IRMECO Germany Capacity: 250ml, 500ml 2L and 5L Flask, HEPA filter, Accessories: platforms, clamps for flasks, petri dishes, and test tube racks not quote, Technically Disqualified	ST 500 CMS Smart, Poleko Poland (Europe) Specification like Speed range 50 to 400 rpm, Temperature Range: 20 C below ambient to 60°C, Capacity: 250ml, 500ml 2L and 5L Flasks, not quoted, Technically Disqualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted		1. Analytic Mesuring System, Karachi Speed Range: 50 to 400 rpm, Capacity: 250ml, 500ml 2L and 5L Flasks, HEPA filter, Accessories: platforms, clamps for flasks, petri dishes, and test tube racks are not quoted 2.Rays Technology Capacity: 250ml, 500ml 2L

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													and 5L Flask, HEPA filter, Accessories: platforms, clamps for flasks, petri dishes, and test tube racks not quote, 3.SU ENTERPRIZE Specification like Speed range 50 to 400 rpm, Temperature Range: 20 C below ambient to 60°C, Capacity: 250ml, 500ml 2L and 5L Flasks, not quoted,
13	Spectrophotometer Fluorescence:		Qubit™ 4 Fluorometer, with WiFi Cataloge Numbers : Q33238 Applications : DNA Quantification , RNA Quantification , Protein Quantification Shipping	G9800A Cary Eclipse includes WinFLR Compatible Computer Printer Compatible UPS	The FL 6500 Fluorescence Spectrometer is the optimal system for analyzing software Spectrum™ FL Compatible	Not Quoted	FL 970 Techcomp Singapore Fluorescence mode: Fluorescence , Luminescence (Chemiluminescence, Bioluminescence, Electrolumin	Not Quoted	Not Quoted	Not Quoted	Not Quoted	1. Analytic Measuring System, Karachi 2. H.A Shah & Sons	1. PHILCO The specification quoted is not relevant to the tender. 2. SU Enterprises *Continuous Xenon lamp *Excitation and emission polarizers

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			Condition : Room Temperature For Use With (Equipment) : Qubit™ Fluorometer Excitation Wavelength : Blue LED (max 470 nm), Red LED (max ~635 nm)		PC LCO SUP LAserJet Prinnter LCO SUP 3 KVA UPS		escen Computer + Pinter + UPS included Model: FL970 Techcomp – Singapore Thermostatic waterbath cell						not mentioned) *Cut off filters absent
14	Scanning electron microscopy:		Not quoted	Not quoted	JEOL - Japan: Scanning Electron Microscope JSM- IT200LV Model: JSM- IT200 EDS Bruker - Germany: ESPRIT Compact EDS system with 129 eV XFlash® 600 Mini SDD	Not quoted	Scanning Electron Microscope Model: KYKY- 6900LV KYKY technologies Co. Ltd - China EDS Oxform Xplore 30	Not quoted	Axia Chemi SEM Hi Vac LoVac	Not quoted	Not quoted	1. Analytic Measurin g System, Karachi	1.Prime Scientific Enterprises 1.The quotation is not clear i.e the quoted item is working in Low/High 2.EDX SYSTEM is not mention in the Prime quoted item while in the tender it is compulsory 2. SU Enterp rizes SU has not supplied five SEM in last five years.

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													In fact 2 SEM was supplied in last five years as evident from the attached document in the technical bid provided by the SU. 2.EDX SYSTEM is not mention in the Prime quoted item while in the tender it is compulsory
15	DNA Sequencer:		Not Quoted	A35644, SeqStudio Genetic Analyzer System With SmartStart Biosystems, ThermoFisher Scientific Technically Qualified	GenomeLab GeXPTM Genetic Analysis System, Sciex USA Number of capillaries 4: not quoted Number of dyes 6: not quoted On-instrument memory 128 GB, approximately 3,500 injections or 14,000: reactions	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	1.HA shah & Sons	1. Analytic Mesuring System, Karachi Number of capillaries 4: not quoted Number of dyes 6: not quoted On-instrument memory 128 GB, approximately 3,500 injections or 14,000: reactions not quoted Specs are not

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					not quoted Specs are not according to the demand Technically Disqualified								according to the demand
16	CHN Elemental		Not Quoted	Not Quoted	CHN828-MC Carbon/Hydrogen/Nitrogen Determinator, Boom Mounted Touch Screen, Autoloader and PC	CHNS-O Elemental Analyzer EMA 502 CHNS-O Analyzer Versatile Micro Elemental Analyzer ensuring accuracy and reliability for a wide range of applications EMA 502 CHNS-O Analyzer Operated on 220Volts Model EMA 502 Velp Made in Italy.	Not Quoted		Flash Smart CHN The Thermo Scientific Flash Smart Elemental Analyzer.		vario MACRO cube CHN includes		1. RAYS * Furnace and detector warantee missing *Furnace Temperature upto 1060, 1800 required combustion *NC org Detection limit is less 2. MAXTECH * Furnace and detector warantee missing *Pyrolysis temp, power supply, *N2 weight and *Configurati on change 3. Prime Scientific Corporation * Furnace and

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													detector warantee missing 4. AMS * Furnace and detector warantee missing
17	Flame Photometer:		Not Quoted	Not Quoted	LFM-1006 Laboquest USA	Flame Photometer Industrial Model Model 360 Sherwood Made in England.	FP910-5 PG Instrument UK	Not Quoted	Not Quoted	Not Quoted	Not Quoted	1. SU Enterprises 2. Analytical Measuring System, Karachi	1. RAYS *Simultaneous Detection not given. *Interface and minimum time of detection is ambiguous
18	Gas Chromatography Mass Spectrometry System:	1	Not Quoted	5977B EI MSD Bundle with Stainless Steel Source Includes PC and Software Agilent MassHunter, Microsoft Excel, classic Agilent MSD ChemStation Software for custom	PerkinElmer SMARTsource Ion Source PerkinElmer SMARTsource — Simplified Maintenance and Removal Technology (EI compatible)™ Filament Marathon	Not Quoted	Not Quoted	Not Quoted	ISQ 7000, ExtractaBrite EI source, s. • Thermo Scientific™ ExtractaBrite™ Electron Ionization (EI) source with dual filaments in all ionization modes,	Not Quoted	Not Quoted	1. Analytic Measuring System, Karachi 2. H.A Shah and Sons 3. Prime Scientific Corporation.	

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					—designed for long life™								

THE FINANCIAL REPORT ALONG WITH THE RATES FOR TECHNICALLY QUALIFIED IS AS UNDER:

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1	Atomic Absorption Spectrophotometer:	1	Not Quoted	Agilent 280FS Atomic Absorption Spectrometer Flame and Hydride AAS Compact high-performance atomic absorption spectrometer for flame technology in absorption and emission mode with external PC control.	Perkin Elmer Pinnacle 900 F Atomic Absorption Spectrophotometer: 7,765,133	Atomic Absorption Spectrophotometer novAA800 F - 08000-2 AAS novAA 800F 230 V, 50/60 Hz Compact Spectrometer for Flame with Hydride AAS with external PC-control and Control- and Evaluation software ASPECT LS and Auto Sampler 9,588,150	500 F-PC PG Instrument UK. Fully automated fast Sequential Computer (Core I 5) with Laser printer Gas Cylinder of Argon, Nitrous Oxide and Acetylene Model: 500F-PC PG Instrument - UK	Not Quoted	9423 500 33301 iCE 3300 AA Spectrometer (wide PMT) • Flame and Hydride AAS With 10 Years 6,435,000	Not Quoted	Not Quoted	Prime Scientific Corporation	=6,435,000/-

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2	ELISA System:	1	Not Quoted	Not Quoted	DS201, PerkinElmer, USA 9,867,420	EZ Read 400 Biochrom England, Wave length range demanded: 200-900nm	INNO-5, LTEK Korea Letter of authorization is not attached	Qualified	Not Quoted	Not Quoted	Not Quoted	Analytic Measuring System, Karachi	=9,867,420/-
3	FREEZE DRYER ALPHA 1-2 LD PLUS:		Not Quoted	Not Quoted	Not Quoted	Model: RZ 2.5 Christ Made in Germany 4,089,150	Model: HyperCool-110 Gyrozen Made in Korea	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Rays Technologies	=4,089,150/-
4	Real time PCR:	1	G8830A, Agilent Technologies, USA 4,497,000	A28569 Quant studio 5, applied Bio systems 6,435,000	PentaBase, Denmark Letter of authorization is not attached 6,948,226	Not Quoted	abCyclerQ, AIT Biotech, Singapore Letter of authorization is not attached	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Pakistan Hospital and industrial Laboratory co.	=4,497,000/-
5	PCR Thermal Cycler Gradient:	1	A24811 SimpliAmp thermal Cycler Applied Biosystem (ThermoFisher Scientific) USA 561,600	A48141, VeritiPro thermal cycler, Applied Biosystems, (ThermoFisher Scientific) USA 1,500,000	2720, Applied Biosystems (ThermoFisher Scientific) USA	THERM-1000, MaxyGene II, Corning, USA Letter of authorization is not attached	Labcyler Gradient, Sensoquest, Germany 1,000,000					Pakistan Hospital & industrial laboratory co.	=561,600/-

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6	NANO DROP SPECTROMETER	1	Model: Nabi UV/VIS Spectrophotometer Micro digital Made in Korea 1,847,000	Model: 6135000904 Bio spectrometer Basic Eppendorf Made in Germany	Model: LNN-101 Laboquest Made in USA 2,883,903	Model: BioDrop DUO+ Biochrom Made in USA 2,515,500	Model- INNO-N LTEK Made in Korea	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Pakistan Hospital and Industrial Laboratory Co	=1,847,000/-
7	Bench top Muffle Furnace:		Not Quoted	Not Quoted	Not Quoted	Furnace 1200°C – XSB Series Model XSB-6-6-9-1V, Thermcraft Made in USA 1,111,500	Model: GB5-122 Hobersel – Spain 575,000	GB - SERIES SIDE DOOR AND DROP DOWN DOOR · REFINED DESIGN · CERAMIC FIBER GB10-122 Hobersel spain 629,787 Alternate MF9-124 1,083,702	Not Quoted	Not Quoted	Not Quoted	SU enterprises	=575,000/-
8	Fluorescence Microscope:	1	Not Quoted	Not Quoted	Model: FML-210 Lab quest, USA Technically qualified 7,072,476	BX53LED, Olympus, Japan Technically Qualified 7,014,150	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Rays Technologies	=7,014,150/-
9	FTIR Spectrometer with Diamond ATR, software &		Not quoted	G8043AA Cary 630 FTIR Instrument	SPECTRUM TWO FTIR SYSTEM, SPECTRUM	FT-IR Spectrometer with Zinc Selenide	Not quoted		Nicolet iS50 FTIR Tri-Detector	Not quoted	Not quoted	Analytic Measuring System, Karachi.	=4,587,478/-

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	Accessories			with Software Bundle G8043AA#3 20 Cary FTIR Diamond ATR G8043-67402 KBR Window with Removal Tool Laptop (Core i7 with windows) Laser Printer Compatible UPS	TWO SYSTEM, 100-240V, 50/60Hz – Standard DTC, KBr, Sp10 9,300:1 SNR p-p noise for 5 second scan , 8300 – 350cm-1 spectral range, 0.5cm-1 resolution, AVC Operation / users Manuals, Certificate Of Origin / Guarantee (Soft Copy) i7 Laptop HP Laser Jet Printer 3 KVA UPS 4,587,478	optics & Zinc Selenide ATR European Union Made Compact FT-IR spectrometer for quick, easy and reliable Made in European Union Astonia			Gold Flex Spectrometer 12,415,071				
10	Potentiostat :		Not Quoted	Not Quoted	AMETEK - Advance Measurement Technology Inc. PARSTAT4 000A PARSTAT4 000A has industry-leading voltage accuracy and dynamic	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Metrohm AG, Ionenstrasse, 9100 Herisau, Switzerland. (All in one Potentiostat/ Galvanostat) Make: Metrohm Switzerland VIONIC	Not Quoted	Analytic Measuring System, Karachi	=6,991,979 /-

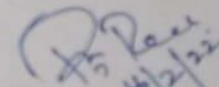
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					current range, standard 6,991,979								
11	WATER DEIONIZER	1	Not quoted	Not quoted	Not quoted	Model: OMNIA Tap-06 Stakpure Made in Germany 1,287,000	Model: HALIOS6 Neptec Made in Germany 1,725,000	Not quoted	Not quoted	Not quoted	Not quoted	Rays Technologies Gulberg-III Lahore	=1,287,000/-
12	Incubator Ambient temperature:	1	Not Quoted	Not Quoted	Model: LBCI-A12 Laboquest, USA Speed Range: 50 to 400 rpm, Capacity: 250ml, 500ml 2L and 5L Flasks, HEPA filter, Accessories: platforms, clamps for flasks, petri dishes, and test tube racks are not quoted Technically Disqualified	Model 13000 IRMECO Germany Capacity: 250ml, 500ml 2L and 5L Flask, HEPA filter, Accessories: platforms, clamps for flasks, petri dishes, and test tube racks not quote, Technically Disqualified	ST 500 CMS Smart, Poleko Poland (Europe) Specification like Speed range 50 to 400 rpm, Temperature Range: 20 C below ambient to 60°C, Capacity: 250ml, 500ml 2L and 5L Flasks, not quoted, Technically Disqualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	ITEM TECHNICALLY DISQUALIFIED	

Sr	ITEM DESCRIPTION (CENTRAL LAB EQUIPMENT)	Qty	Pakistan Hospital and Industrial Laboratory Co.	H. A. Shah & Sons, Islamabad	Analytic Measuring System, Karachi.	Rays Technologies Gulberg-III Lahore	SU Enterprises Gulberg-III Lahore	Leo Science, Islamabad.	Prime Scientific Corporation, Lahore.	Continental Worldwide trading Co, Karachi.	Max Tech Corporation Lahore	Lowest evaluated bidder	Amount in PKR
13	Spectrophotometer Fluorescence:		Qubit™ 4 Fluorometer, with WiFi Cataloge Numbers : Q33238 Applications : DNA Quantification , RNA Quantification , Protein Quantification Shipping Condition : Room Temperature For Use With (Equipment) : Qubit™ Fluorometer Excitation Wavelength : Blue LED (max 470 nm), Red LED (max ~635 nm)	G9800A Cary Eclipse includes WinFLR Compatible Computer Printer Compatible UPS 5,800,000	The FL 6500 Fluorescence Spectrometer is the optimal system for analyzing software Spectrum™ FL Compatible PC LCO SUP LaserJet Printer LCO SUP 3 KVA UPS 6,259,776	Not Quoted	FL 970 Techcomp Singapore Fluorescence mode: Fluorescence , Luminescence (Chemiluminescence, Bioluminescence, Electroluminescence Computer + Printer + UPS included Model: FL970 Techcomp – Singapore Thermostatic waterbath cell	Not Quoted	Not Quoted	Not Quoted	Not Quoted	H.A Shah & Sons	=5,800,000/-

Sr	ITEM DESCRIPTION (CENTRAL LAB EQUIPMENT)	Qty	Pakistan Hospital and Industrial Laboratory Co.	H. A. Shah & Sons, Islamabad	Analytic Measuring System, Karachi.	Rays Technologies Gulberg-III Lahore	SU Enterprises Gulberg-III Lahore	Leo Science, Islamabad.	Prime Scientific Corporation, Lahore.	Continental Worldwide trading Co, Karachi.	Max Tech Corporation Lahore	Lowest evaluated bidder	Amount in PKR
14	Scanning electron microscopy:		Not quoted	Not quoted	JEOL - Japan: Scanning Electron Microscope JSM-IT200LV Model: JSM-IT200 EDS Bruker - Germany: ESPRIT Compact EDS system with 129 eV XFlash® 600 Mini SDD 38,847,806	Not quoted	Scanning Electron Microscope Model: KYKY-6900LV KYKY technologies Co. Ltd - China EDS Oxform Xplore 30	Not quoted	Axia Chemi SEM Hi Vac LoVac	Not quoted	Not quoted	1. Analytic Measuring System, Karachi	=38,847,806/-
15	DNA Sequencer:		Not Quoted	A35644, SeqStudio Genetic Analyzer System With Smart Start Bio systems, Thermo Fisher Scientific Technically Qualified 29,250,000	GenomeLab GeXPTM Genetic Analysis System, Sciex USA Number of capillaries 4: not quoted Number of dyes 6: not quoted On-instrument memory 128 GB, approximately 3,500 injections or 14,000: reactions not quoted Specs are	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	1.HA shah & Sons	=29,250,000/-

Sr	ITEM DESCRIPTION (CENTRAL LAB EQUIPMENT)	Qty	Pakistan Hospital and Industrial Laboratory Co.	H. A. Shah & Sons, Islamabad	Analytic Measuring System, Karachi.	Rays Technologies Gulberg-III Lahore	SU Enterprises Gulberg-III Lahore	Leo Science, Islamabad.	Prime Scientific Corporation, Lahore.	Continental Worldwide trading Co, Karachi.	Max Tech Corporation Lahore	Lowest evaluated bidder	Amount in PKR
					not according to the demand Technically Disqualified								
16	CHN Elemental		Not Quoted	Not Quoted	CHN828-MC Carbon/Hydrogen/Nitrogen Determinator, Boom Mounted Touch Screen, Autoloader and PC	CHNS-O Elemental Analyzer EMA 502 CHNS-O Analyzer Versatile Micro Elemental Analyzer ensuring accuracy and reliability for a wide range of applications EMA 502 CHNS-O Analyzer Operated on 220Volts Model EMA 502 Velp Made in Italy.	Not Quoted		Flash Smart CHN The Thermo Scientific Flash Smart Elemental Analyzer.	Not Quoted	vario MACRO cube CHN includes	ITEM TECHNICALLY DISQUALIFIED	
17	Flame Photometer:		Not Quoted	Not Quoted	LFM-1006 Laboquest USA 797,371	Flame Photometer Industrial Model 360 Sherwood Made in England.	FP910-5 PG Instrument UK Photometer :970,000 Fp910 touch station pro: 110,000 Computer: 150,000	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Analytical Measuring System, Karachi	=797,371/-

Sr	ITEM DESCRIPTION (CENTRAL LAB EQUIPMENT)	Qty	Pakistan Hospital and Industrial Laboratory Co.	H. A. Shah & Sons, Islamabad	Analytic Measuring System, Karachi.	Rays Technologies Gulberg-III Lahore	SU Enterprises Gulberg-III Lahore	Leo Science, Islamabad.	Prime Scientific Corporation, Lahore.	Continental Worldwide trading Co, Karachi.	Max Tech Corporation Lahore	Lowest evaluated bidder	Amount in PKR
18	Gas Chromatography Mass Spectrometry System:	1	Not Quoted	5977B EI MSD Bundle with Stainless Steel Source Includes PC and Software Agilent Manualmer, Microsoft Excel, classic Agilent MSD ChemStation Software for custom	PerkinElmer SMARTsource Ion Source PerkinElmer SMARTsource — Simplified Maintenance and Removal Technology (EI compatible)™ Filament Marathon — designed for long life™	Not Quoted	Not Quoted	Not Quoted	ISQ 7000, Extractable EI source, s. • Thermo Scientific™ Extractable™ Electron Ionization (EI) source with dual filaments in all ionization modes, 22,534,879	Not Quoted	Not Quoted	H.A. Shah and Sons S. Prime Scientific Corporation.	≈17,500,000/-


 16/12/22
 TREASURER

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