



**BID EVALUATION REPORT**

29/10/2021

- **PPRA Reference No:** 154924T30042021985
- **Date and Time of Bid Closing:** 19/05/2021 @ 11:00 A.M.
- **Date and Time of Bid Opening:** 19/05/2021 @ 11:00 A.M.
- **No. of Bids Received:** 09 (Nine)
- **Item:** Zoology Lab Equipment Items.(24/2020-21)

The tendering process was held on 19/05/2021 for Zoology Laboratory Items. Nine (09) bidders participated in tendering process. The names of the bidders/firms are as under;

1. M/S Gharsa Laboratory Supplies
2. M/S Wahid Scientific Store
3. M/S Hale Marketing International
4. M/S AGBL Pakistan
5. M/S Key Scientific Corporation
6. M/S Scientific Technical Corporation
7. M/S New Chemical Store
8. M/S Rays Technologies
9. M/S SU Enterprises

The Technical Report is as under

Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
1	Animal Cages: wire cages Size: Triple; 26 3/8' W*10 5/8' D*7 1/8' H. China or equivalent	10	Not Quoted	Local Pakistan Technically Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
2	Bench top Centrifuge 4 x 1000mL, Max. RCF 25,314 x G, Max. Speed 15,200rpm. Digital Display. Noise level <61dBA, Accel/Decel Profiles 9 Accel /10 Braking. Electrical Requirements 120V 60Hz. USA , Japan or equivalent. Authorization letter required from direct manufacturer/Principal.	2	Not Quoted	Presvac, Modal DP-2065 R plus Technicall y dis qualified, letter of autherizati on is not attached	K244FS, Centorion Scientific, UK, Technically qualified	Model ZK496 Hermle Germany Technically Qualified	Model:10 096934 Fisher Brand Technicall y qualified	Not Quoted	Not Quoted	Max. Speed 15,200rpm required, 1400 rpm quoted, Max. RCF 25,314 x G required. RCF 3082x G quoted. Technicall y disqualifie d;	Model ROTANTA 460 Hettich Germany Technically Qualified

*P. J. ...*

Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
3	<p><b>Binocular Compound Microscopes:</b> Optical System: Antifungal, Infinity corrected Viewing Bodies: Siedentopf Binocular tube, 30° inclined, 360° rotatable, Interpupillary distance 48-75mm. Eye pieces: Wide Field focusable paired eyepiece WF 10x/20mm, with foldable eyeguard. Nosepiece: Reverse angle quadruple nosepiece (Ball-bearing type) with click stops and rubber grip. Objectives: RP series DIN Infinity Corrected Plan Achromatic objectives, antifungal 4x/NA 0.10/WD 30mm. 10x/NA 0.25/WD 7.0mm 40x (spring loaded)/NA 0.65/WD 0.65mm, 100x (spring loaded, oil)/NA 1.25/WD 0.23mm. Mechanical Stage: Rackless X-axis, double plate mechanical stage plate size 200 x 160mm, X/Y travel range 78 x 54mm. Focusing: Fine focus 0.3mm per rotation. Illumination: LED Illumination with built-in rechargeable battery making it cordless during use. LED lamp rated upto 100,000 hours operating life. Electrical: Universal input 100V-240V AC, 50/60 Hz immersion oil TYPE A. USA, Japan or equivalent. <b>Authorization letter required from direct manufacturer/Principal</b></p>	3	Not Quoted	MB1152, Euromex, Holland Technically disqualified; latter of authorization is not attached	Model Lx400 LABOMED USA, Technically Qualified	Not Quoted	Model STM-2052B Stalwart, USA, Technically Qualified	Modal D-292PLi Optica microscope Italy Technically Disqualified NO Direct authorization latter attached .disobey condition 5 of tender document	CX23LED (Binocular) Olympus Japan, Technically Qualified	Not Quoted	BB.1152-Pli Euromex NETHERLAND Technically Disqualified, authorization letter is expired

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4	<b>Blenders</b> (varous processing capacities: High Throughput, No cross contamination, samples stay cool, convenient, Risk free. USA , Japan or equivalent.	2	Not Quoted	National Japan Technicall y qualified,	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
5	<b>Blood Chemistry Analyzer:</b> fully automatic with accessories. Made in Europe or equivalent. Authorization letter required from direct manufacturer/Principal.	1	Edif Instruments S.r.l. Italy Technically Qualified	Not Quoted	Not Quoted	Not Quoted	MFCA-200 Mini Medfuture USA Technicall y Disqualifi ed, Authorizat ion letter not attached	Model FACA-261 Labomed Inc USA Technically Disqualifie d; Direct letter of authorization is not attached	Not Quoted	Model Avichem Mini Avicenna Italy Technicall y Qualified	Not Quoted
6	<b>Chemical oxygen demand meter:</b> T digest: 165 °C±1.0 , Digest time: 10min , Measuring range: 5 – 5000mg/L, Measurement time: The water samples of 12/25/36 branchare simultaneously tested in 20min, Resistance against chlorine interference: [CL- ]<1000 /L[CL-]<4000mg/L(optinal), Precision: COD=20 mg/L V <10% , COD=300 mg/L V <4.3%, Display: LCD. USA , Japan or equivalent.	1	Not Quoted	TentoMeter Germany, Technicall y Qualified	Not Quoted	Not Quoted	Model 12708725 Fisher Brand Technicall y qualified	Technically disqualified ; Required Specificatio ns like measuring range, Resistance against chlorine interference not quoted	Not Quoted	Not Quoted	Not Quoted
7	<b>Chemical lab safety equipments:</b> Safety Shower, First aid kit , Phone, Fire extingwisher , eye washer, Fire blanket , spill neutrilizer, Safety gloves , chemical gas mask , fischer safe glasses , safety googles, fuming hood . USA	2	Not Quoted	Fumehood Esco Singapore, Technicall y qualaified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
	, Japan or equivalent.										
8	<b>Chest Freezer:</b> 385 L Cubic Feet Capacity • Up To 30 Hours Cooling Retention After Power Failure(Keep temperature below -9 degree • Comfortable door hinge design can be moved to different angle. • 58 Kg Weight. USA , Japan or equivalent.	3	Not Quoted	Haier, Pakistan, Technically Qualified	Model CFQ 2002 LABOQUEST USA Technically Qualified	Model LPR-400-PE PHCBi Japan Technically Qualified	Not Quoted	Haier 15 Cubic Feet CUFT(HD F-385H) Haier Pakistan Technically qualified	Not Quoted	Not Quoted	LPFT-370 ARCTIKO DENMARK Technically Qualified
9	<b>Digital Precise Water Bath with Digital control:</b> Capacity: 22 Lit.Temp. Range & Accuracy: Ambient +5°C ~ 100°C, +0.1°C, Temp. Resolution: 0.1°C - Display, 0.1°C - Control, Temp. Uniformity & Probe: +1.0°C, PT100, Heating Power: 2 kW. Timer & Alarm: 99hr 59min (Delay & Continuous run), Error status & Timer-end. Display: Digital LCD with Back-Light Function Safety Circuit: Over-Temp. / - Current protection, Material: Stainless steel. Dimension (W x D x H) Internal: 500 x 295 x h150mm. Dimension (W x D x H) External: 535 x 330 x h260mm. Power Supply: AC 230 V, 50 / 60 Hz USA , Japan or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b>	2	Not Quoted	VSV-1000DD Digi system Taiwan Technically Disqualified indirect authorization latter attached .disobey condition 5 of tender document	Model WB-22 DAIHAN Scientific CO.,Ltd. Korea Technically Qualified	Not Quoted	Model:11 429509 Fisher Brand Technically qualified	LWB-122D Daishan Lan Tech Korea Technically Disqualified indirect authorization latter attached. disobey condition 5 of tender document	Modal WNB22 Memmert Gwrmny Technically Qualified	Model NB20 NUVE Turkey technically Qualified	WOB 28 PolyScience USA, Technically Qualified

24/10/21

Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
10	<b>Digital Weighing Balance:</b> Four touch less sensors for hands-free operation of print, calibration, tare, and other selectable functions. Capacity (g) 320, Readability (g) +0.1mg, Repeatability std (g) +0.0001, Linearity (g) +0.0002, Stabilization Time (sec) $\leq 3$ , Pipette Adjustment, SQC, auto Calibration on 1.5C temperature change, Full-color VGA graphic display, 4-wire resistive touch screen 5.7 in / 145 mm, RS232, USB, Pan Size 90mm, IR Sensor 04 Nos, automatic door opening & closing. USA, Japan, Germany, UK or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b>	2	Not Quoted	Not Quoted	Technically disqualified; Specifications like Capacity 320g required, 310 g quoted. pan size 90mm,VGA graphic display, are not Quoted	Not Quoted	Model:15 399032 Fisher Brand Technically qualified	Not Quoted	Modal ATX-324 SHIMADZU JAPAN Technically Qualified	Not Quoted	EX324 OHAUS, USA Technically Qualified
11	<b>DNA Isolation Kit:</b> Concentration: 5 units/ $\mu$ l, Recombinant enzyme: Yes, Substrate analogs: dNTP, ddNTP, dUTP, biotin-11-dUTP, DIG-11 dUTP, fluorescent-dNTP/ddNTP, Extensionrate: 2-4kb/min at 72°C Half-life: 10 min at 97°C; 60 min at 94°C, Amplification efficiency: $\geq 10^5$ fold, 5' $\rightarrow$ 3' exonuclease activity: Yes, Contaminating nucleases: No, Contaminating RNases: No, Contaminating proteases: No, Self-priming activity: No. USA, Japan, Germany, UK or equivalent	10	Not Quoted	Wizbio Korea Technically Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

2/21/22

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12	<p><b>DO Meter:</b> Measurement Units DO (Dissolved Oxygen) in mg/L units. Temperature in °C/°F units. Datalogger Sampling Rate AUTO LOGGING: From 1 second to 8 hours 59 minutes and 59 seconds. Memory Card: SD Cards 1G to 16GB Display update rate Approx. 1 second. Data Output RS-232 / USB PC computer interface. Operating Temperature 0 to 50°C (32 to 122°F) Operating Humidity 85% R.H. max. Power Supply Six (6) 1.5 VDC batteries (optional 9V AC adaptor) With backlight OFF and datalogging ON: approx. 37mAdc With backlight ON add approx. 12mAdc Weight 362g (0.79 lbs.) meter only Cable Length 4m (13.1ft) Dimensions Main instrument: 182 x 73 x 47.5mm (7.1 x 2.9 x 1.9") Probe: 190 x 28 mm (7.5 x 1.1") diameter. USA, Japan, Germany, UK or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b></p>	2	Not Quoted	Model HI2004, Hanna USA, Technically disqualified, Authorization letter not attached	Model S-612, Peak Instruments. USA Technically qualified;	Not Quoted	Model 11681469 Fisher Brand Technically qualified	Model HI-2004, HB EDGE Hanna Instrument USA Technically Disqualified NO Direct authorization letter attached .disobey condition 5 of tender document	Model MULTI 3510 IDS SET 4 WTW, Xylem brand GERMANY Technically Qualified	Not Quoted	STARTER 300T Ohaus USA Technically Qualified

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
13	EC Meter: 4-pole linear electrode, Automatic temperature compensation, Conductivity range 0.0 µS/cm to 199.9 mS/cm, TDS range 0.1 mg/l to 199.9 g/l, Salinity range 0.00 to 19.99psu, Temperature range 0°C to 100°C, Resolution Automatic range: 0.1°C, Error Limits ± 0.5 % Measured Value. ± 0.3°C, 1 point. 3 predefined standards for calibration, White backlight liquid crystal, Temperature Compensation Linear: 0.00 %/°C.10.00 %/°C, Standard Solution 50ml USA, Germany, Japan or equivalent. Authorization letter required from direct manufacturer/Principal.	2	Not Quoted	Model Ad3000, Adwa, hungry, Technically disqualified, Authorization letter is expired and indirectly authorized	Model S-611L PEAK Instrumental Inc.USA Technically Qualified	Not Quoted	Model :11661469 Fisher Brand Technically qualified	Model HI-2300, Hanna Instrument USA Technically Disqualified NO Direct authorization letter attached .disobey condition 5 of tender document	INOLAB COND 7110 /SET WTW. Xylem brand GERMANY Technically Qualified	Not Quoted	STARTER 3100C OHAUS USA Technically Qualified
14	Egg incubator : (small lab incubator), capacity 500 eggs. USA, Japan, Germany, UK or equivalent. Authorization letter required from direct manufacturer/Principal.	2	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	SHF 40ADS-MAXI, FIEM ITALY Technically Qualified

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28/4/23

Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
15	<p><b>Electric oven:</b> Capacity: 105 Lit. Dimension (W x D x H) Interior (mm): 485 x 415 x 535. Dimension (W x D x H) Exterior (mm): 653 x 712 x 882. Heater Power: 1.4 kW. Temp. Range: Ambient Temperature +5°C to 250°C. Temp. Fluctuation: +0.3°C at 100°C, +0.5°C at 150°C. Temp. Variation: +1°C at 100°C, +1.8°C at 150°C. Temp. Sensor: PT 100. Control Resolution: +0.1°C. Heat-up Time: 25 min. to 100°C, 45 min. to 50°C. Recovery Time (Door open 30sec): 6 min. to 100°C, 6 min. to 150°C. Controller: Digital Fuzzy Control by Advanced Microprocessor Jog-Dial with Push Button. RS232 Port: Available to connect with PC. Display: Digital LCD with Back Light. Timer: 99hr 59 min (delay/continuous function). Glass Wool shelves: 2ea of Stainless steel. USA, Japan, Germany, UK or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b></p>	2	Not Quoted	XUE-112 ETUVES France Technically qualified indirect authorization letter attached .disobey condition 5 of tender document	Model :ThermoStable OF-105 DAIHAN Scientific Co.Ltd KOREA Technically qualified	Not Quoted	Model :15825911 Fisher Brand Technically qualified	Not Quoted	Model UN-110 Memmert Germany Technically Qualified	FN500P, Nuve, Turkey Technically Qualified	SLM-115 STD - IMOX-G POLEKO, POLAND Technically Qualified
16	<p><b>Fish Measuring boards:</b> Wooden board with attached 1 meter scale. Dimension: 40x55x1.6 cm (15.7x21.7x0.6 in.). Weight each segment 3.82 kg. USA, Japan, Germany, UK or equivalent.</p>	10	Not Quoted	Local Technically qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
17	<p><b>Fishing nets:</b> Gill nets (mesh size: 0.5 to 1 inch), scooped nets, hand line. USA, Japan, Germany, UK</p>	3	Not Quoted	Local Technically qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

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	or equivalent.										
18	<b>Gel Electrophoresis Vertical</b> : vertical system (A) + 2 sets of glass plates with bonded 1 mm thick spacers + 2 combs, 1 mm thick, 24 samples + cooling pack + dummy plate. Power supply for electrophoresis. EV243 Mini power supply, 400 V / 300 mA / 50 W. Electrophoresis Unit. Gel Caster Unit. USA, Japan, Germany, UK or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b>	1	Not Quoted	ME-1010-7-10 Major Science USA Technically disqualified latter of authorization is not attached	MV-10DSYS MAJOR SCIENCE . USA Technically Qualified	Not Quoted	Not Quoted	Not Quoted	Model TV100-Scie- Plas England Techniqually Dis qualified No Valid authorization latter attached.	Model Azure Quad Mini-Cell Azure Biosystem Technically qualified	Not Quoted
19	<b>Glass ware drying cabinet:</b> capacity 125 L, 3 adjustable shelves, Max temp: ambient +50. USA, Japan, Germany, UK or equivalent.	1	Not Quoted	XAS-320 ETUVES France, Technically disqualified indirect authorization latter attached. disobey condition 5 of tender document	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	2000381 JP SELECTA SPAIN Technically disqualified, authorization letter is expired
20	<b>Glucometer</b> : Weight; 0.2 lbs (75 g). Dimensions: 3.6 in x 2.3 in x 0.9 in (91 mm x 58 mm x 23 mm). Sample Volume Required ; 1.2uL. Time to Glucose Results ; 6 seconds. Data Transfer ; Nova Microsoft-Excel based data transfer Software. Battery Information; Type ; 3V Li	1	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Best Check Taiwan Technically Qualified	Not Quoted	Not Quoted	Not Quoted

Principals

Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
	Button Battery; Features; Replaceable. USA, Japan, Germany, UK or equivalent										
21	<b>Heating Block:</b> Temperature range °C ambient + 10 to 400, Stability (DIN 58966)°C ± 0.5 (up to 300°C) Uniformity °C 1%, Display LED, Display resolution °C 1, Timer mins 1 to 9999, Alarms, high/low, Heat up time ambient to maximum, mins, 100, Heating block, l/w/d, mm, 190 x 140 x 75, Capacity, BT5D-16 38 x Ø 16 x d60 mm tube, BT5D-26, 22 x Ø 26 x d60 mm tube, Safety, overtemperature protection adjustable cut-out, Electrical power 230 V 50/60 Hz W, 750, 120 V 50/60 Hz W, 750. USA, Japan, Germany, UK or equivalent.	1	Not Quoted	BTD-5 GRANT Instrument UK Technical disqualification Indirect authorization letter attached .disobey condition 5 of tender document	Model BT5D-16 GRANT Instruments, UK, authorization letter not attached Technically Disqualified	Not Quoted	Not Quoted	Not Quoted	Technically disqualified; Specifications like temperature range 10 to 400 Demand: 30-200 quoted, stability 0.5 demand: 1 quoted, uniformity, timer mins 1-9999 demand: 1-9999 quoted	Not Quoted	Not Quoted
22	<b>High performance electric vacuum pump:</b> electric vacuum pump 1/4HP--1 HP /1.5CFM--12CFM/110V--220V. USA, Japan, Germany, UK or equivalent.	2	Not Quoted	Rocker 300 Rocker USA Technically Qualified	Model ROCKER 400 ROCKER SCIENTIFIC/TODAY USA Technically Qualified	Not Quoted	Not Quoted	Model AS20 China Technically Qualified	RE2.5 VACUUBRAND GERMANY Technically Qualified	Not Quoted	Not Quoted
23	<b>Homogenizer:</b> Particle reduction down to 1 µm. Operating range up to 2.5 liters. Maximum speed 24000 rev/min. Overall 75 x 60 x 250 mm. For 230 V, 50/60 Hz. Single Phase Supplier. USA, Japan, Germany, UK or equivalent. Authorization letter required from direct manufacturer/Principal.	2	Not Quoted	D500 SCILGEX USA Technically Disqualified Indirect authorization letter attached .disobey condition	Model HG-15D DAIHAN Scientific Co.Ltd KOREA Technically Qualified	Not Quoted	Model:15 505819 Fisher Brand Technically qualified	Model :D160 DLAB USA Technically Disqualified NO Direct authorization letter attached .disobey	Not Quoted	Not Quoted	D-160 D LAB USA Technically Qualified

*Pr Singh*

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				5 of tender document				condition 5 of tender document			
24	<p>Hot plate with stirrer: Material Body: Powder Coated Aluminum. Material Plate: Solid Ceramic Glass Plate, 200 x 200mm. Stirring Capacity (H2O): Max. 20 Lit. Speed &amp; Control Resolution: 80 ~ 1,500 rpm, 5 rpm. Temp. Range &amp; Accuracy: Max. 500°C, ±0.3°C at Set Temperature. Temp. Resolution: 0.1°C - Display, 0.5°C - Control. Heating Power / Consumption: 850W. Timer &amp; Alarm: 99hr 59min (with Continuous run.), Error status &amp; Timer-end.Display: Digital LCD with Back-Light Function Controller: Digital Feedback Controller with Jog Dial (Turn+Push) and Touch button. Stirring Bar: 3cm bar-included, Usable : up to 5cm bar. Safety Circuit: Over Temp. Protection, Hot Top Indicator LED Lamp. Permissible Temp. &amp; RH %: Ambient +5 ~ 50°C, 85% RH. Dimension &amp; Weight: 205 x 345 x h135mm, 3.3kg. Power Supply &amp; Cord/Plug: AC 230 V, 50 / 60 Hz, with Cord/Plug. Including: External/Direct Contact Temperature Probe. USA, Japan, Germany, UK or equivalent.</p>	2	Not Quoted	MS7-H550-PRO SCIOLOGE X USA Technically Dis Qualified, Indirect authorization latter attached ..disobey condition 5 of tender document	Model :MaXtir MSH 500 DAIHAN Scientific Co.Ltd KOREA Technically Qualified	Not Quoted	Model:SL R Wiggins Germany Technically Qualified	Modal MS7-H550-S onilab,USA Technically Dis Qualified NO Direct authorization latter attached .disobey condition 5 of tender document	Model ARECX with PT1000 Probe Velp Italy Technically qualified	Model MSH300 Biosan Latvia Technically Qualified	Model e-G51HS07C Ohaus USA Technically Qualified

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25	<b>Ice Flake Machine:</b> compact body size to fit to under counter. Wide door design for easy to take ice out of bin. Smart protections: Protection from unusual electrical condition. Ice production capacity: 120kg/day with ice storage bin 60kg, air cooled type complete unit. Operated on: 220V, 50 Hz. Western Europe, USA, Japan or equivalent. USA, Japan, Germany, UK or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b>	1	Not Quoted	COM - 150 5020106 JP SLECTA SPAIN Technicall y disqualified Indirect authorization latter attached. disobey condition 5 of tender document	Model :SFLQ1010 LABOQUEST INC. USA Technically Qualified	Not Quoted	Model SIM-200F Stalwart USA Technicall y Qualified	Technically disqualified ; Ice production capacity 120kg/day demand: 45kg/day quoted, storage bin capacity 60 kg demand: 3 kg quoted and direct letter of authorization is not attached	Model FIM140 Evermed Italy Technically Qualified	Not Quoted	SPR120 SIMAG ITALY Technically Qualified
26	<b>Inverted Microscope:</b> with in-built camera connectivity in eyepiece. Objective 0.56X – 4.5X eyepiece WF 10 X. USA, Japan, Germany, UK or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b>	2	Not Quoted	OX.2003-PL Euromax Holland Technicall y Disqualifi ed Authorization latter not attached	Model:TCM40 0 LABOMED USA Technically Qualified	Not Quoted	Model STM-2093B Stalwart, USA Technicall y qualified;	IM-3Optica microscope , Italy, Technically disqualified , Indirect authorization latter attached. disobey condition 5 of tender document	Model CKX53LED OLYMPUS JAPAN Technically Qualified	Not Quoted	Technically disqualified; Objective 0.56X – 4.5X eyepiece not quoted
27	<b>Kemmerer's water sampler:</b> Glass bottle having capacity of 1.2L. The body of the sampler can be made of clear acrylic, lexan, or P.V.C., and the metal parts are machined from stainless steel. The bottle is closed by means of amessenger and the sample is brought to the surface in a strictly unmodified condition. Samples can be drawn off by means of a	4	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

*Prasanna*

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	drain in the lower stopper. USA, Japan, Germany, UK or equivalent										
28	<b>Killing jars:</b> For killing insects. China or equivalent	30	Not Quoted	China, Technically qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
29	<b>Maximum/Minimum Thermometer:</b> Measuring range: -30 to +50. USA, Japan, Germany, UK or equivalent	10	Not Quoted	ZEAL UK, Technically Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	P5135 PECK TECH GERMANY Technically qualified
30	<b>Multi Channel Micropipette:</b> Precise pipetting control, - 0.1µl-100µl . Filling and delivery are easily controlled with a small sensitive lever. Autoclavable silicone pipette holder. USA, Japan, Germany, UK or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b>	5	Not Quoted	LAVO+ SCI LOGEX USA Technically disqualified Indirect authorization letter attached. disobey condition 5 of tender document	Technically disqualified; Demand volumetric range 0.1µl-100µl demanded: 0.5-10µl quoted	Not Quoted	Not Quoted	Not Quoted	Model P8×101 Gilson France Technically qualified	Not Quoted	Not Quoted
31	<b>Portable pH meter :</b> pH Range: -1.00~15.00pH pH Accuracy: ±0.01pH. Resolution: 0.01pH. mV Range: -1000~1000mV. Resolution: 1mV. Temperature Range: 0~105°C, 32~221°F. Resolution: 0.1°C. Calibration Points: 1~3 points. Power Requirements: DC9V, using AC adapters, 220VAC/50Hz. Dimensions: 210(L) x 205(W) x 75(H)mm. Weight: 1.5kg. USA, Japan, Germany, UK or equivalent. <b>Authorization letter</b>	5	Not Quoted	AD111 ADWA HUNGER Y Technically Disqualified, Indirect authorization letter attached. disobey condition 5 of tender document	Model P5-10 PEAK Instrument USA Technically Qualified	Not Quoted	Model 11611449 Fisher Brand, Technically qualified	HI-8424 Hanna Instrument USA Technically Disqualified NO Direct authorization letter attached. disobey condition 5 of tender document	Model PH3110 SET 2 WTW, xylem brand, GERMANY Technically Qualified	Not Quoted	STARTER 31 OHAUS USA Technically Qualified

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Corporation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
	required from direct manufacturer/Principal.										
32	Secchi Disc Kit:Includes detachable 24 oz. zinc sounding weight. Silk screened black and white quadrants 20cm diameter polycarbonate disc. USA, Japan, Germany, UK or equivalent	2	Not Quoted	Local, Technically qualified;	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
33	Stage micrometer: 59-1403 stage micrometer. caliberated glass slides with 1mm scale length divided into 100 parts (1 division = 0.01mm). USA, Japan, Germany, UK or equivalent		Not Quoted	ERMA Technically qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
34	Stereo microscope with digital camera : Ground plate with filter magazine. Daylight filter, 32mm. Tube Optic P 1x/1.6X+Bertrandl.+Quarzp I.Basic Docu Tube POL BDTP 25.Tube adapter incl. 1 docu. Port No : 11505161.Eyepiece HC PLAN s 10x/25 Br.M +reticule. Pol-Stage w. 45°-click stop to o: 11551077. Advanced Object guide for Pol-Stages. Condenser BF. Condenser head P 0.90 S1. Analyzer360°, 30x5 without grey filter.Whole-wave plate f. compensator slot. Halogen lamp 12V 100W. Lamp housing 106, 12V 100W, 2-lens,0.55m 1 536.80 536.80. Cube P to Smith, Polarizer R/P, L. 29x11.5 .Halogen lamp 12V 100W. Lamp housing 106, 12V 100W, 2-lens,0.55m .Digital Camera & SW Kit. C-Mount HC 0.55x. USA, Japan,	10	Not Quoted	Model ZM-160A DigisystemTaiwan Technically Dis qualified Indirect authorization latter attached. disobey condition 5 of tender document	Model LUXEO6Z LABOMED USA Technically Qualified	Not Quoted	Model:STM-3040T Stalwart USA Technically Qualified	Not Quoted	Model SZX7 OLYMPUS JAPAN Techniqually Qualified	Not Quoted	5D.1903 EURO MAX NETHERLAND Technically disqualified, authorization letter is expired

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Corporation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
	Germany, UK or equivalent. Authorization letter required from direct manufacturer/Principal.										
35	UV Transilluminator: Transilluminator allows selection of 8-watt long wave, midrange or shortwave in one compact unit. View gels using long wave UV for extended periods of time reducing photo nicking damage. Compact size, High Performance, Stainless steel filter assembly, Single Intensity 254/302/365nm UV, Filter Size 20 x 20cm. USA, Western EEC, Japan, UK or equivalent. Authorization letter required from direct manufacturer/Principal.	1	Not Quoted	CSLUVT SDUO Cleaver Scientific Uk Technically Disqualified Authorization letter not attached	Model MUV21-254/365 MAJOR SCIENCE USA Technically Qualified	Not Quoted	BT903, BT Lab, Technically qualified.	Not Quoted	Model MD-20 Wealtec USA Technically Qualified	Not Quoted	PUL 100 JEL COMPANY USA, Technically Disqualified indirect authorization letter attached, disobe condition 5 of tender document
36	Vacuum drying oven: Capacity: 30 Lit. Vacuum Range: 10 ~ 750 mmHg. Temp. Range / Sensor: Ambient +5°C to 200°C. Accuracy/Uniformity: +0.5°C at 100°C / +2.0°C at 100°C. Heating Power/Consumption: 300W x 2ea. Heat-up Time: 50 min. to 100°C, 90 min. to 150°C. Display: Digital LCD with Back Light. Digital Fuzzy Controller with Jog-Dial Switch (Turn & Push). Resolution: Control: +1.0°C, Display: +1.0°C. Shelves: Included 2ea Aluminum Shelves. Safety Circuit: Over Temp. and Over Current Protector. Material: Internal: Stainless	1	Not Quoted	Technically Disqualified Demanded Specifications like Capacity not Quoted	Model THERMO STABLE OV-30 DAIHAN SCIENTIFIC Co.Ltd KOREA Technically Qualified	Not Quoted	Not Quoted	LVO-2030, Daihan Labtech, Korea, Technically disqualified, Indirect authorization letter attached, disobe condition 5 of tender document	Model VO29 MEMMERT GERMANY Technically Qualified	Not Quoted	Technically disqualified, chamber capacity 30ltr demanded: 16 ltr quoted,

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
	steel (#304), External: Powder Coated steel, dimension (W x D x H) Interior (mm): 300 x 330 x 300, Dimension (W x D x H) Exterior (mm): 507 x 483 x 577; Vacuum Inlet Valve Size: od. 10 mm; Net Weight: 56 kg, Power Consumption: 600 W. Power Supply & Cord Plug: AC 230V, 50 / 60Hz; With Vacuum Pump, Max. power: 220 W; Max. current: 0.9 A; Max. vacuum: -670 mmHg; Max. flow rate: 80 l/min; Motor rotation: 1450 RPM; Horse power: 1/3 HP; Noise level: 68.0 dB; Port thread: 3/8 inch (8 mm); Net weight: 7.6 kg; Dimension (LxWxH): 34.5x17.5x20 cm; Power Supply: 220V/50Hz. USA, Japan, Germany, UK or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b>										
37	<b>Vortex:</b> Speed Range: 0 ~ 3,300 rpm. Shaking Motion: Orbital. Control: Analog Phase Controller. Material: Aluminum Die-casting with Powder Coating. Dimensions (W x D x H ) (mm): 160 x 128 x h145 mm. Weight: 3 kg Power Consumption: 30 W. Power Supply & Cord Plug: AC 230V, 50 / 60Hz. USA, Japan, Germany, UK or equivalent <b>Authorization letter required from direct manufacturer/Principal.</b>	2	Not Quoted	VM10 DAIHAN Korea technically Disqualified Authorization letter not attached	Model VM2 DAIHAN KOREA Technically Qualified	Not Quoted	Model BT903, BTLab, Technically qualified	FTVM-501 Sci FineTech Korea Technically disqualified, Indirect authorization letter attached. disobey condition 5 of tender document	Model ZX3 VEEP ITALY Technically Qualified	Technically disqualified; Speed Range: 0 ~ 3,300 rpm required: 500-3000rpm quoted, weight 3kg required: 0.8 kg quoted	Technically disqualified; Speed Range: 0 ~ 3,300 rpm demanded: 0-2500 quoted

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
	steel (#304), External: Powder Coated steel, dimension (W x D x H) Interior (mm): 300 x 330 x 300; Dimension (W x D x H) Exterior (mm): 507 x 483 x 577; Vacuum Inlet Valve Size: od. 10 mm; Net Weight: 56 kg, Power Consumption: 600 W. Power Supply & Cord Plug: AC 230V, 50 / 60Hz; With Vacuum Pump, Max. power: 220 W; Max. current: 0.9 A; Max. vacuum: -670 mmHg; Max. flow rate: 80 l/min; Motor rotation: 1450 RPM; Horse power: 1/3 HP; Noise level: 68.0 dB; Port thread: 3/8 inch (8 mm); Net weight: 7.6 kg; Dimension (LxWxH): 34.5x17.5x20 cm; Power Supply: 220V/50Hz. USA, Japan, Germany, UK or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b>										
37	<b>Vortex:</b> Speed Range: 0 ~ 3,300 rpm. Shaking Motion: Orbital. Control: Analog Phase Controller. Material: Aluminum Die-casting with Powder Coating. Dimensions (W x D x H) (mm): 160 x 128 x h145 mm. Weight: 3 kg Power Consumption: 30 W. Power Supply & Cord Plug: AC 230V, 50 / 60Hz. USA, Japan, Germany, UK or equivalent <b>Authorization letter required from direct manufacturer/Principal.</b>	2	Not Quoted	VM10 DAIHAN Korea technically Disqualified Authorization letter not attached	Model VM2 DAIHAN KOREA Technically Qualified	Not Quoted	Model BT903, BTLab, Technically qualified	FTVM-501 Sci FineTech Korea Technically disqualified, Indirect authorization letter attached. disobey condition 5 of tender document	Model ZX3 VELP ITALY Technically Qualified	Technically disqualified, Speed Range: 0 ~ 3,300 rpm required: 500-3000rpm quoted, weight 3kg required: 0.8 kg quoted	Technically disqualified; Speed Range: 0 ~ 3,300 rpm demanded: 0-2500 quoted

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Corporation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
38	<p><b>Water Distillation &amp; deionization system:</b> Capacity (Liters/hr) 4, Output Quality of distilled Water pH 5.0 – 6.5, Conductivity <math>\mu\text{S/cm}</math> &lt;2.5 (depend on water), Resistivity mega ohm-cm 0.4, Temperature &lt;35°C, Heater / Wattage Silica / 2 x 1.5kw. Feed water pressure 1 to 6 bar, Manganese and iron content &lt; 0.05 mg/l, Free chlorine content &lt; 1 mg/l, Silt density index (SDI) max. 3, Type 1 ultrapure water, Particle and bacteria content &lt; 1 CFU/ml, Type II pure water, Pure water conductivity 15-10 <math>\text{M}\Omega \times \text{cm} \pm 0.067\text{-}0.1 \mu\text{S/cm}</math>, Pure water performance at 15°C 12 l/h, With tap water input Spare cartridges 3 sets. Germany, USA, Japan or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b></p>	1	Not Quoted	<p>IM-50 IRMECO Germany technically Disqualifi ed Authorizat ion letter not attached</p>	<p>Model MICROMADI C DI WASSERLAB SPAIN Technically Qualified</p>	Not Quoted	Not Quoted	<p>FAVORIT -W4L PLT-SCIENTIFI C Malasiya Technically Qualified</p>	<p>Model Omnia Tap 6 Stakpure Germany Technically qualified</p>	Not Quoted	<p>Model: WSB/4+HALIOS6 ,Neptec, Germany Technically Qualified</p>

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Corporation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
39	<p><b>Autoclave Digital Microprocessor controlled:</b> Capacity: 60 Lit.,Temp. Range &amp; Accuracy: Ambient +5°C to 132°C, +0.5°C at 121°C. Pressure &amp; Gauge: 1.2 kgf/cm2 at 121°C / 2.0 kgf/cm2 at 132°C, 0 ~ 3 kgf/cm2. Sterilization mode: Solid- or Liquid-mode, Heating</p> <p>Power/Consumption: 3 kW. Timer &amp; Alarm: 60 min, Error status &amp; Timer-end, Display: Digital LCD with Back-Light. Digital Fuzzy-Control System. Door &amp; Closing System: Lever-type Sliding Door. Electronic Door Closing System, Safety Circuit: Material: Stainless steel (#304)-Pressure Vessel, Powder Coated steel-External, Basket: 2ea of Stainless steel Wire Baskets are Included</p> <p>Basket Dimension (mm): Dia. 320 x h240, Power Supply: AC 230V, 50/60Hz. USA, Japan, Germany, UK or equivalent.</p> <p><b>Authorization letter required from direct manufacturer/Principal.</b></p>	1	Not Quoted	HV-85 Hirayama Japan technically Disqualified Authorization letter not attached	Model MAXTERILE 60 DAIHAN SCIENTIFIC Co.Ltd KOREA Technically Qualified	Not Quoted	Model: CL-40S, ALP, Japan. Technically Disqualified, Authorization letter not attached	LAC-50605 DAIHAN Lab Tech Kora Technically Qualified NO Direct authorization letter attached .disobey condition 5 of tender document	Model HVA-85 Hirayama Japan Technically Qualified	Not Quoted	Model: RTA60 Robus Technology Ltd. UAE. Technically disqualified, direct authorization letter is not attached. Disobey condition 5 of tender document
40	<p><b>Cold Cabinet:</b> Max. flow 225L/h @ 0 head Max. rec. head 35m Tank capacity 11L Sound level@1m 60dB(A) Power supply 230 VAC, 0.38A, 50/60Hz. Max. water temp 40°C / 104°F Inlet/outlet 50mm in, 10mm out IP Protection IP21 Safety switch 3.0A</p>	2	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
	Normally closed. USA, Japan, Germany, UK or equivalent. Authorization letter required from direct manufacturer/Principal.										
41	Compact Digestion System Kjhalhdhal: Microprocessor built-in the case. All programs can have up to 18 steps for temperature/incubation. Sample size: Solids: 5 gr. (macro), 1 gr. (micro). Liquids: 15 mL. (macro), 3 mL. (micro). H x W x D in mm: 740 x 355 x 565. Temp. °C: 450. Power W: 2000. USA, Japan, Germany, UK or equivalent Authorization letter required from direct manufacturer/Principal.	1	Not Quoted	IBU-6 Begger Slobeniva Europe technically Disqualified Indirect Authorization letter attached. Disobey condition 5 of tender document	Model MBCM-24 RAYPA SPAIN Technically Qualified	Not Quoted	Not Quoted	Not Quoted	18 steps for temperature/incubation. Sample size: Solids: 5 gr. (macro), 1 gr. (micro). Liquids: 15 mL. (macro), 3 mL. (micro). Temp. °C: 450 not quoted. Technically disqualified	Not Quoted	Technically disqualified; Specifications like programs steps for temperature, incubation 18 demanded: 10 quoted
42	Cryotome with all accessories: Temperature Range: Cryochamber: -35 to 0 °C (-31 to 32 °F) Temperature Range, Cryobar: -55°C (-67 °F) to chamber temperature. Specimen Head ( 14011-026 only): -40 to 0 °C (-40 to 32 °F) (Within ±10 °C of chamber temperature). Temperature Range: Electrical: 115 V, 60 Hz. USA, Japan, Germany, UK or equivalent	1	Not Quoted	Not Quoted	Model MEV SLEE MEDICAL GmbH GERMANY Technically Qualified	Not Quoted	Not Quoted	Not Quoted	Temperature Range: Cryochamber: -35 to 0 °C (-31 to 32 °F) Temperature Range, Cryobar: -55°C (-67 °F) to chamber temperature. Specimen Head ( 14011-026 only): -40 to 0 °C (-40 to 32 °F) (Within ±10 °C of chamber temperature) not quoted. Technically disqualified	Not Quoted	ASU 500 SEMI AUTOMATIC CRYOSTATE AMOS AUSTRALIA Technically Qualified

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Corporation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
43	<p><b>Elisa Reader:</b> Latest LED technology and high quality data. 21 CFR part 11, and EC/98/79 IVD-D compliant LT-com PC control, data analysis software. Fast and accurate results- 8 channel (+1 reference). Proven reliability - Tested reliability of &gt;100,000 plates. Shaking - Linear shaking with four modes. 405 nm - PNPP ELISA substrate. 450 nm - TMB ELISA substrate 492 nm - OPD ELISA substrate. 620 nm - ELISA reference filter Wavelength range 400 - 750 nm. Measurement range 0 - 4 OD. Resolution 0.0001 OD. Washer: Residual Volume &lt; 1 µl, Wash Volume 10 - 3,000 µl, Wash Cycles Up to 99, Soak Time 0 - 24 hours, Shake Time 0 - 24 hours, Plate Types 96 well flat, round and v-bottom, Bottle Capacity 2 l, Supplied Bottles 3 x wash and 1 x rinse, Memory 100 user-defined wash protocols, 10 plate types, Display 5" LCD. Pure sine wave UPS backup for 2 hours with dry batteries. USA, Germany, Japan, UK, Australia or equivalent</p> <p><b>Authorization letter required from direct manufacturer/Principal.</b></p>	1	Not Quoted	EL x808 BioTek Instruments INC USA technically Disqualified Authorization letter not attached	Model A00TS Biotek INSTRUMENTS INC.USA Technically Qualified	Not Quoted	Not Quoted	Not Quoted	EZ Read 400, Biochrom England Technically qualified	Not Quoted	MARTREADER96, ACCURIS instruments, USA Technically Disqualified; Authorization letter not attached

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
44	Laminar Flow hood: 5 ft, HEPA filter, UV light, Horizontal/ Vertical. USA, Japan, Germany, UK or equivalent. Authorization letter required from direct manufacturer/Principal.	1	Not Quoted	LHS-58 5170585 ESCO Singapore technically Disqualified Authorization letter not attached	Model HC-V150 TopAir Systems Inc USA Technically Disqualified .Authorization letter not attached	Not Quoted	Not Quoted	Not Quoted	Technically disqualified; Specifications like height 5 ft, demanded: 40cm quoted.UV light not quoted	Model LN 090 NUVE Turkey Technically Qualified	RTVL1312, Robus Technology Ltd, UAE. Technically disqualified, direct authorization letter is not attached. Disobey condition 5 of tender document
45	Liquid Nitrogen cylinder: Tank Capacity: 3000lits, with liquid electronic display. size:80Cuft, USA, Japan, Germany, UK or equivalent	1	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Model:ST C-3A Stalwart USA Technically Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted
46	Microtome Machine: Nominal supply voltage: 100 – 240 V AC +/- 10% ; Nominal frequency: 50 / 60 Hz ; Power draw: 20 VA (CUT 5062); Protective class: (1) I ; Power fuses: 2x T 1,6 A ; Pollution degree: (1) 2; Maximum heat emission: 20 J/s (CUT 5062); Operating temperature range: +10 °C to +35 °C ; Temperature range during storage: +5 °C to +55 °C ; Relative humidity: max. 80% non condensing ; Humidity during storage: < 8% ; Section thickness setting range: 0.5 – 100 µm ; Section thickness selection: 0 - 2 µm in 0.5-µm steps, 2 - 20 µm in 1-µm steps, 20 - 50 µm in 2-µm steps, 50 – 100 µm in 5-µm steps;Trimming thickness: 0 – 300 µm .Specimen feed:	1	Not Quoted	Not Quoted	Model CUT-5062 SLEE MEDICAL GmbH GERMANY Technically Qualified	Not Quoted	Not Quoted	MR2258 HISTO LINE Italy Technically Qualified NO Direct authorization letter attached .disobey condition 5 of tender document	Technically disqualified; section thickness range 0 - 2 µm in 0.5-µm steps demanded: 1-60µm quoted. 10 pkt of 50 disposable blades not quoted	Not Quoted	m240 myr Spain Technically Qualified

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
	<p>28 mm (step motor) ; Specimen feed speed SLOW: 75 / 150 / 300 / 600 µm/s ; Specimen feed speed: 3000 µm/s ; Specimen feed memory: 2 positions programmable ; Vertical specimen stroke: 60 mm ; Maximum specimen size: 50 x 50 mm ; Knife holder - north-south axis: 24 mm ; Specimen retraction: 0 -200 µm, selectable; Specimen orientation, horizontal: 8° Specimen orientation, vertical: 8° ; Specimen orientation, z-axis: 360°; Dimensions [W x D x H]: 480 mm x 610 mm x 350 mm; Weight: 33 kg ; Standard Accessories: Blade holder, base assembly, 3-component-blade holder applicable for low and high profile. disposable blades, High-Profile Back-Plate, Universal-Cassette-Clamp , orientable 10 pkt of 50 disposable blades. USA, Japan, Germany, UK or equivalent. Authorization letter required from direct manufacturer/Principal.</p>										

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
47	<p><b>Protein-Nitrogen Distiller :</b>  Performance Measurement range: de 0,1 a 200 mg de N; Nitrogen recovery: 99,5 %; Reproducibility: ± 1 %; Distillation time: 4 minutes for 100 mL; Cooling water consume: 1,2 L/min.; Electric power: 2000 W (100%). Number of Programs: 20 user programs; Programmable parameters and values ; Water for dilution: 0-200 mL;NaOH solution: 0-200 mL;H3BO3 solution: 0-200 mL;Reaction time (delay): 0-30 minutes;Distillation time: 0-30 minutes or indefinite;Steam power regulation: 30-100%; Supplied with the following Accessories: 2 containers of 10 litres for H2O, NaOH and 1 container of 5 litres for H3BO3; water Container: 10L;NaOH Container: 10L;H3BO3: 5L;H x W x D mm: 740 x 380 x 340; Power W: 2000. USA, Japan, Germany, UK or equivalent.</p>	2	Not Quoted	ADU-400 VEGER SOLVENI A EUROPE Technicall y Qualified	Model:DNP- 2000 MP RAYPA SAPIN Technically Qualified	Not Quoted	Not Quoted	Not Quoted	Model UDK 129 VELP ITALY Technically Qualified	Not Quoted	52 Behr -labour germany Technically Qualified
48	<p><b>Sonicator:</b> Time unit H62-920, normal operaing frequency 23 KHz., titanium prob end diameter 19 mm. USA, Japan, Germany, UK or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b></p>	1	Not Quoted	Technicall y Disqualifi ed Specificati ons like Time unit H62-920, normal operaing frequency 23 KHz. are not according	Model: VCX 130-220 SONICS AND MATERIALS, INC USA Technically Disqualified. Authorization letter not attached	Not Quoted	Not Quoted	Not Quoted	Model VCX 500 SONICS USA Technically Qualified	Not Quoted	vcx 500 sonics USA Technically Qualified

*Per 25/10/20*

Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Cooperation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
				to demand and authorizati on letter is not attached.							
49	System for Karyotyping and FISH: Microscope with attached camera, LCD monitor, Karyotyping and FISH software licence, Filter blocks and system compatible computers. USA, Japan, Germany, UK or equivelant. Authorization letter required from direct manufacturer/Principal.	1	Not Quoted	Not Quoted	MATASYSTE M Gmbh Germany Technically Qualified	Not Quoted	Not Quoted	Not Quoted	BX43LED, Olympus, Japan, Technically qualified	Not Quoted	Not Quoted

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Corporation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
50	<p><b>Spectrophotometer UV Visible:</b> Monochromator, 190-900nm, spectra bandpass 0.1, 0.5, 1, 2, 4 &amp; 5nm (6 steps), stary light 0.00025%, wavelength accuracy +0.1nm, wavelength setting repeatability +0.05nm, photometric mode Abs, %T, %R, E(S), E(R), photometric range Abs +5.5 &amp; 0 to 300%T, photometric accuracy. +0.002Abs (0 to 0.5Abs), +0.003 Abs (0.5 to 1.0Abs), +0.006Abs ( 1 to 2Abs), +0.3%T, photometric repeatability +0.001Abs (0 to 0.5Abs), +0.0015 Abs (0.5 to 1.0Abs), +0.003Abs ( 1 to 2Abs), +0.1%T, baseline flatness +0.0004 Abs, baseline stability within 0.0002 Abs/Hr, wavelength scan speed 1.5, 3, 15, 30, 60, 120, 300, 600, 1200, 2400nm/min, light source adjustment free D2, adjustment free tungsten iodine, photomultiplier, double beam, LCD display. USA, Germany, UK, Japan or equivalent. <b>Authorization letter required from direct manufacturer/Principal.</b></p>	1	Not Quoted	T80+ PG Instrument UK Technicall y Disqualifi ed Indirect authorizati on latter attached. disobey condition 5 of tender document	Model E-1000UV PEAK Instruments Inc.USA Technically Qualified	Not Quoted	Not Quoted	UVS-2800 LABOME D INC USA Techniquall y Disqualifie d indirect authorization latter attached .disobey condition 5 of tender document	Technically disqualified; Specifications like spectra bandpass 0.1, 0.5, 1, 2, 4 & 5nm (6 steps) demanded: 0.1, 1, 2, 4 nm quoted	Not Quoted	UH5322 HITACHI JAPAN Techniqually Disqualified indirect authorization latter attached .disobey condition 5 of tender document

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Sr #	Item Description (Zoology Lab Equipment)	Qty	Gharsa Laboratory Supplies	Wahid Scientific Store	Scientific Technical Corporation	Key Scientific Corporation	New Chemical Centre	Hale marketing Int.	Rays Technologies	AGBL	SU Interprises
51	CO2 incubator: Microprocessor controlled with LED/ CO2 level. Direct heat/ water Jacketed temperature controlled system. Integrated sterilization cycle at +160, temp range: +20-+45, Uniformity ±0.2°C at 37°C, accuracy ±0.1°C. CO2 Range: 0-20%, Capacity: 150 L, plus CO2 gas cylinder. USA, Japan, Germany, UK or equivalent. Authorization letter required from direct manufacturer/Principal.	1	Not Quoted	4002628 JP-SELECT A SPAIN Technically disqualified indirect authorization latter attached. disobey condition 5 of tender document	Model CB 170 BINDER GmbH Germany Technically Qualified	Model MCO-170AC-PE PHCbi Japan Technically Qualified	Not Quoted	Not Quoted	Not Quoted	Model:EC 160 NUVE Turkey Technically Qualified	ZOCR-11502 LAB WIT AUSTRALIA Technically Qualified

The financial bids were opened on 25/10/2021 at 11:30 A.M in the office of the Purchase for the Technically Qualified items by indicating/announcing the rates for the Technically Qualified items only (from the Technical and Evaluation committee for Zoology Lab items).

Sr.#	Item Name	Lowest Evaluated Bidder Name	Lowest Evaluated Rate (Rs.) (P.U. Rate)	Required Qty*.	Total Price (Rs.)	Status
1	Animal Cages	Wahid Scientific Store	12,500	10	125,000	To be purchased
2.	Bench top Centrifuge	New Chemical Store	1,150,000	1	1,150,000	To be purchased
3	Binocular Compound Microscopes	New Chemical Store	105,000	3	315,000	To be purchased
4	Blenders (various processing capacities:	Wahid Scientific Store	27,500	2	55,000	To be purchased
5	Blood Chemistry Analyzer:	AGBL	2,200,000	0	0	withdrawn
6	Chemical oxygen demand meter:	New Chemical Store	294,435	1	294,435	To be purchased
7	Chemical lab safety equipment	Wahid Scientific	841,500	0	0	withdrawn
8	Chest Freezer:	Hale Marketing	80,000	4	320,000	To be purchased
9	Digital Precise Water Bath with Digital control	Scientific Technical Corporation	140,400	2	280,800	To be purchased

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Sr.#	Item Name	Lowest Evaluated Bidder Name	Lowest Evaluated Rate (Rs.) (P.U. Rate)	Required Qty*.	Total Price (Rs.)	Status
10	Digital Weighing Balance:	RAYS Technology	216,450	4	865,800	To be purchased
11	DNA Isolation Kit	Wahid Scientific Store	38,500	10	385,000	To be purchased
12	DO Meter:	Scientific Technical Corporation	99,450	1	99,450	To be purchased
13	EC Meter:	Scientific Technical Corporation	76,050	2	152,100	To be purchased
14	Egg incubator	SU Enterprises	1,320,000	0	0	withdrawn
15	Electric oven	SU Enterprises	275,000	2	550,000	To be purchased
16	Fish Measuring boards	Wahid Scientific	17,450	0	0	Withdrawn
17	Fishing nets	Wahid Scientific	5,500	5	27,500	To be purchased
18	Gel Electrophoresis Vertical	AGBL	249,000	1	249,000	To be purchased
19	Glassware Drawing Cabinet	Item dropped: Only two bidders applied which got disqualified due to Authorization Letters Expiry & Indirect Authorization				
20	Glucometer	Hale Marketing	5000	5	25,000	To be purchased
21	Heating Block	Item Dropped: Only three bidders applied which got disqualified due to Authorization Letters Expiry & Indirect Authorization+ Specification's mismatching				
22	High performance electric vacuum pump	Hale Marketing	19,500	2	39,000	To be purchased
23	Homogenizer	Scientific Technical Corporation	175,500	0	0	Withdrawn
24	Hot plate with stirrer	SU Enterprises	110,000	2	220,000	To be purchased
25	Ice Flake Machine	New Chemical Centre	698,000	1	698,000	To be purchased
26	Inverted Microscope	New Chemical Centre	560,000	0	0	Withdrawn
27	Kemmerer's water sampler	Item Dropped: No one quoted in this item.				
28	Killing jars	Wahid Scientific Store	1,450	15	21,750	To be purchased

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Sr.#	Item Name	Lowest Evaluated Bidder Name	Lowest Evaluated Rate (Rs.) (P.U. Rate)	Required Qty*.	Total Price (Rs.)	Status
29	Maximum/Minimum Thermometer	Wahid Scientific Store	2,850	10	28,500	To be purchased
30	Micropipette Multi-Channel	Rays Technologies	111,150	5	555,750	To be purchased
31	Portable pH meter	SU enterprises	38,000	5	190,000	To be purchased
32	Secchi Disc Kit	Wahid Scientific Store	4,500	2	9000	To be purchased
33	Stage micrometer	Wahid Scientific Store	1,250	3	3750	To be purchased
34	Stereo microscope with digital camera	New Chemical Centre	200,000	2	400,000	To be purchased
35	UV Transilluminator	Scientific Technical Corporation	204,750	1	204,750	To be purchased
36	Vacuum drying oven	Scientific Technical Corporation	702,000	0	0	Withdrawn due to much difference b/w estimated price and tendered price
37	Vortex	New Chemical Centre	20,000	4	80,000	To be purchased
38	Water Distillation & deionization system	Hale Marketing	92,000	1	92,000	To be purchased
39	Autoclave Digital Microprocessor controlled:	Scientific Technical Corporation	1,158,300	1	1,158,300	To be purchased
40	Cold Cabinet:	N/A	N/A	---	---	---
41	Compact Digestion System Kjhaldhal	Scientific Technical Corporation	971,100	1	971,100	To be purchased
42	Cryotome with all accessories	SU Enterprises	2,737,000	0	0	Withdrawn
43	Elisa Reader	Scientific Technical Corporation	1,977,300	0	0	Withdrawn
44	Laminar Flow hood	AGBL	972,000	1	972,000	To be purchased
45	Liquid Nitrogen cylinder	New Chemical Centre	19,000,000	0	0	Withdrawn
46	Microtome Machine	SU Enterprises	1,750,000	1	1,750,000	To be purchased

Sr.#	Item Name	Lowest Evaluated Bidder Name	Lowest Evaluated Rate (Rs.) (P.U. Rate)	Required Qty*.	Total Price (Rs.)	Status
47	Protein-Nitrogen Distiller	Rays Technologies	930,150	4	3,720,600	To be purchased
48	Sonicator	SU Enterprises	1,375,000	0	0	withdrawn
49	System for Karyotyping and FISH	Rays Technologies	3,240,900	0	0	withdrawn
50	Spectrophotometer UV Visible	Scientific Technical Corporation	339,300	2	678,600	To be purchased
51	CO <sup>2</sup> incubator:	---	---	0	0	---

\* item/qty may be decreased/increased/withdrawn.

Treasurer  
