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 Equipment for Experimental Research Laboratory, University of Health Sciences,

Lahore

4. Tender Inquiry No:

Pur/10**8**0/UHS/2021

5. Date & Time of Bid Closing:6. Date & Time of Bid Opening

12<u>-02-2021 at 11:00 AM</u> 12<u>-02-2021 at 11:30 AM</u>

7. Nos. of Bids Received:

10

8. Criteria for Bid Evaluation:

Technical Qualification

| Sr. No | Description and Specifications | SU Enterpris e | CROCUS Scientific | Total Technolo gies | Worldwid e Scientific | Pak Glorious | Ski Techno logies | Nextek health Care | Abdul Wahab & Sons | Biospher e Marketin g | New Chemical center |
|-----------|---|----------------------|----------------------|---------------------------|-----------------------------|-----------------|-------------------------|--------------------------|--------------------------|--------------------------------|---------------------------|
| 1 | Automatic shoe cover dispenser (two of each type, As per sample picture) • Capacity of shoe cover: 1000pcs • Design useful life: 300,000 times • Operating voltage: 220V ±5% or 110±5%, • Maximum power: 1300 W • Standby power: 75W • Preheating time: ≈120s • Film delivering time: 3-5s • Film shaping time: 2-3s • Material of outer case: ABS • Dimension of machine: 80x 44.5x 33 cm, Dimension of carton: 87x50x40cm • Net weight: 21Kg • Gross weight: 27 Kg | NQ | NQ | Qualified | Qualified | NQ | NQ | NQ | NQ | Qualified | Qualified |
| 2 | Automatic Sensor Soap & Hand Sanitizer Dispenser With Wall-mount Docking Holder Brushed chrome coated material Capacity:600ml capacity | NQ | NQ | NQ | NQ | Qualified | NQ | NQ | NQ | Qualified | Qualified |
| 3 | Insulated Lab Ice Buckets with lids (Sample picture as follows) | NQ | NQ | NQ | NQ | NQ | NQ | NQ | NQ | NQ | NQ |

| 6 | Refrigerator | NQ : | NQ | NQ | NQ | Qualified | NQ | NQ | NQ | Qualified | Qualified |
|---|---|-----------|-----------|----|----|-----------|----|----|-----------|-----------|-----------|
| 5 | Constant Speed 4 Lane Rota-Rod Treadmills for Rats Subject weight range: upto 60g-mouse drum, upto 350/400g- rat drum Base unit dimensions mm (inch) (WxDxH): 362x 240x 375 (14.25x 9.45x 14.75) Total height mm (inch): 400 (15.75) Fall height cm: 20- mouse drum, 21.5- rat drum Lane width mm (inch): 50 (2)-mouse drum, 75 (3)- rat drum Drum diameter mm (inch): 250 (9.8) Rod diameter mm (inch): 30 (1)-mouse drum; 60 (2)- rat drum Extra hood height mm (inch): 130 (5) Constant speeds: 4- 40 RPM Acceleration rate: 30 seconds to 10 minutes with 1 sec increments Material composition: methacrylate arnite (lanes) | Qualified | Qualified | NQ | NQ | NQ | NQ | NQ | Qualified | Qualified | NQ |
| 4 | Surface Temperature Range: 30°C to 79.9°C precisely controlled to within 0.25°C across the plate Built-in Digital Thermometer Built-in Digital Timer RS-232 transfer of data Start/Stop foot switch control Extra thick (3/4") anodized aluminum plate provides a very stable and even temperature Size of Heated Surface: 10" x 10" x 0.75" (254mm x 254mm x 19mm) Temperature Range: 30° to 79.9° centigrade Temperature Accuracy: ± 0.1°C Surface material: Hard Black Anodized Aluminum Accuracy of Timer: 0.1 seconds | Qualified | Qualified | NQ | NQ | NQ | NQ | NQ | Qualified | Qualified | NQ |
| | properties for keeping temperature sensitive samples in an optimal environment. Can hold ice, dry ice, alcohol slurries, liquid nitrogen or water baths, Optional floating racks hold either 1.5 mL microcentrifuge tubes or 15 mL conical tubes. • Excellent insulation • Leakproof and long-lasting • Expanded polymer foam construction • Chemically resistant and impervious to moisture • Flared edge for easy carrying | | | | | | | | | | |

| 9 | Minimum Total Net Capacity | | T | | 1 | | T | T | T | | |
|----|--|----|----|----|---|-----------|----|----|----|-----------|-----------|
| | 438 L | | | | | | | | | | |
| | Compressor; Inverter Two separate compartments for -20 degree Celsius and 4 degree Celsius | | | | | | | | | | |
| | Refrigerator | | | | | | | | | | |
| | Minimum Total Net Capacity 508 Compressor Inverter (Only one | NQ | NQ | NQ | NQ | Qualified | NQ | NQ | NQ | Qualified | NQ |
| | compartment of 4 degree Celsius) Heat/ cool dry block shaker | | | | | | | | | | |
| | Fast heat-up and cooling times Temperature setting range +4°C to 100°C Temperature control range ambient -15°C to +100°C Shaking speed: 250 to 1400 rpm Temperature stability ±0.1°C' Sold exclusive of block 2-Year manufacturer warranty Choice of 5 interchangable blocks including a block suitable for microplates: (20 x 0.5 ml and 12 x 1.5 ml microtubes) (20 x 0.2 ml and 12 x 1.5 ml microtubes) (24 x 1.5 ml microtubes) (24 x 2 ml microtubes) (96-well microplate for PCR, | NQ | NQ | NQ | Disqualifi ed: Equipmen t does not have feature of shaking. | Qualified | NQ | NQ | NQ | NQ | Qualified |
| | 0.2 ml) Wooden Slide Storage Box, Holds 50 Slides | | | | | | | | | | |
| S | Holds 50, 25 x 75mm microscope slides Hinged cover with clasp for secure storage Numbered slots and contents sheet for identifying slides | NQ | NQ | NQ | NQ | Qualified | NQ | NQ | NQ | Qualified | NQ |
| | Animal handling Gloves As per sample picture. | | | | | | | | | | |
| 10 | | NQ | NQ | NQ | NQ | Qualified | NQ | NQ | NQ | Qualified | Qualified |
| | • Free size-minimum 9.06inch x 4.33inch. | | | | | | | | | | |
| | Flexible enough to use while clipping, combing, scissoring and | | | | | | | | | | |

| (mostly from ra | | | | | | | | | | | |
|---|--|----|----|----|----|----|--|---------------|--------|-----------|------------------------------|
| High density of seamless knitte | coating , any color d glove. | | | | | | | | | | |
| | or small animal, such bbits, bird hamster | | | | | | | | | - | |
| Hematology an | alyzer 5 part | | | | | | | | | | |
| DA E | Open and closed tube sampling | | | | | | Disqual ified The quoted equipm ent is not as per BOQ | | | Qualified | |
| Sample Aspiration Volume | Minimum 17 μL of venous or micro- collected whole blood Minimum 20 μL of whole blood for pre- diluted analysis | | | | | | | | fie NQ | | |
| Throughpu t | 55 closed tube samples per hour, 60 open tube samples per hour | NQ | | | | | | Qualifie d | | | |
| t Parameter | WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, LY%, LY#, MO%, MO#, NE%, NE#, EO%, EO#, BA%, BA# | | | | | | | | | | Disqual d |
| RUO Parameter | IMM%, IMM#, LHD, MAF, PCT, PDW | | NQ | NQ | NQ | NQ | | | | | The quote |
| Data Storage | Minimum 30,000 patient results, including graphics, flags, codes and messages; 12 control files, each with a maximum of 150 runs | | | | | | | | | | equipn t is not per BC |
| User Interface | Touch screen; handheld barcode reader | | | | | | | | | | |
| Power Requirem ents | 100-240 VAC 50/60 Hz Single phase with ground | | | | | | | | | | |
| Power Consumpti on | Less than 120 W | | | | | | | | | | |
| Operation al Ambient | II . | | | | | | | | | | |

| | Temperat ure | | | | | | | | | | | |
|----|--|--|-----------|----|----|-----------|-----------|----|----|--|--|-----------|
| | External Storage | Supports USB 2.0 | | | | | | | | | | |
| | LIC | Supports serial (RS- 232) and Ethernet communication | | | | | | | | | | |
| | Printer | USB printer | | | | | | | | | | , |
| | Languages | English, | | | | | | | | | | |
| 12 | Display type Configurati Weighing c (1,058.22 o Readability (0.0004 oz) | e electronic e digital display on benchtop apacity Max.: 30,00 g z) Min.: 0 g (0 oz) 1 mg, 10 mg, 100 mg | Qualified | NQ | NQ | NQ | Qualified | NQ | NQ | Disqualifi ed Does not meet specs mentione d in BOQ | Disqualifi ed Does not meet specs mention ed in BOQ | NQ |
| 13 | Unit Output | 1 KW Each | Qualified | NQ | NQ | Qualified | NQ | NQ | NQ | NQ | Qualified | Qualified |
| 14 | Minimum Ca Electro-med Dual interloc Air removal t Forced coolin | chanical lid lock system k mechanism time setting | Qualified | NQ | NQ | Qualified | NQ | NQ | NQ | Qualified | Qualified | NQ |

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.

Prof. Dr. M. Shahzad

HOD Experimental Research Lab

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

Dr. Allah Rakha

Chairman, Tender Committee

Prof. Dr. Shagufta Khaliq

Incharge, Purchase Cell