

Tender Notice

Sealed quotations are invited from reputable firms/suppliers registered with Sales Tax and Income Tax Department for the supply of Chemicals/Glasswares & Lab Equipment under HEC funded project of Dr.Muhammad Israr, Department of Forensic Sciences, University of Swat.

Tender forms along with detailed specification, terms and conditions can be obtained from the office of the treasurer, University of Swat upon online Deposit Receipt of fee Rs. 1000/- (Non-Refundable) in favour of the undersigned in A/C No. 4581-2 National Bank of Pakistan Main Branch, Saidu Sharif Swat (Branch Code 1330).

Quotation duly filled must reach along with the earnest money @ 2% of bid cost in shape of Deposit at Call from any scheduled bank in favor of Treasurer University of Swat latest by (Thursday) November 15, 2018 (10:30 AM). Bids will be opened on the same day at 11:00 AM in Committee Room, University of Swat.

The details i.e. Tender Specification and TORs can also be obtained from the official website of the University i.e. www.uswat.edu.pk

Treasurer/Secretary Purchase Committee

University of Swat



TENDER APPLICATION FORM

1. Registered Name of the Firm (Block Letters) _____
2. Name of CEO (Block Letters) _____
CNIC
3. Contact Information :
i. Head Office: _____
ii. Franchise/Outlet: _____
iii. Postal Address: _____
iv. Office No: _____ Cell No: _____ Email: _____
4. Registration with sale Tax (Copy to be attached) _____
5. National Tax Non (NTN): _____
6. Aggregate of the total quoted price _____
7. Amount of CDR (@2% of the total Amount _____

TERMS & CONDITIONS

1. Rates should be quoted against each item desired for bid.
2. Call deposit at the rate of 02% (two percent) earnest money shall be attached.
3. Income Tax and Sale Tax shall be deducted at source.
4. In case of non-supply of required item(s) mentioned in the Tender documents, CDR will be forfeited in favor of the University.
5. The successful bidder will be bound to complete supply of items in stipulated time as given in the supply order otherwise penalty will be imposed accordingly.
6. The number of items can be increased or decreased with the approval of the Competent Authority.
7. For electrical / IT / laboratory equipment the warranty period of at least 01 (one) year is mandatory to be mentioned in the quotations.
8. No tender or bid shall be entertained without deposition of the CDR @ 2%.
9. No tender or bid shall be entertained without deposition of Tender fee @ Rs.1000/- (Rupees One Thousand only) which shall be deposited in account No. 4581-2 National Bank of Pakistan (NBP) Main Branch Saidu Sharif Swat.
10. The firms must write on the corner of envelop the name of the items/equipment applied for.
11. Provision of sample is obligatory for the firms in due course of time, if mentioned in supply order, and if the firm fails to provide the sample, then the firm will be excluded from the tender.
12. No alternate rate shall be entertained for the items/equipment.
13. No tender/bid shall be accepted without tender application form duly signed by the firm.
14. The Competent Authority reserves the right to accept or reject any or all of tenders processed by assigning any reason(s) (as per PPRA Rules).
15. No overwriting / cutting / corrections or interpolation will be allowed in the BOQ's/Quotations/bids, if any.
16. Any bids received after the prescribed date & time for submission of bids shall be returned un-opened.
17. The bid prices must be valid for at least 120 days from the date of Tender opening.
18. Conditional / incomplete tenders will not be accepted.
19. Refurbished, Grey, used, open box or smuggled products will not be accepted in any case.

➤ **Undertaking**

It is certified that the above terms & conditions have been read, learned and accepted.

Signature of CEO/Bidder

Dated: ___/___/___

Prepared by:

Shaukat Ali

Store Officer, University of Swat

Technical Specifications:

Quotations required from sole-distributors or authorized dealers/distributors of their principals for the following Chemical, Reagents, Consumables, Plastic ware and Equipment for the Higher Education Commission (HEC) Pakistan Approved Project NRP # 6828 at the Department of Forensic Sciences, University of Swat.

A. Chemical / Reagents / Consumables (Molecular biology grade)

S. No.	Name of Item	Total Requirement	Specifications
1	Agarose	1Kg	Molecular Biology Grade
2	DNA loading dye	2ml (6X)	
3	DNA Extraction kit (blood)	400 reactions	
4	DNA Extraction kit (saliva)	400 reactions	
5	DNA Ladder 100bp	200 rxn	
6	PCR Master mix	1000 reactions	
7	Primer Synthesis (labelled and unlabeled)	~600 rxns	
8	Sanger Sequencing of PCR fragments		
9	Genotyping of STR		
10	Genotyping of SNP		

Items at serial no. 7-10 are on running contract basis for the duration of the project i.e. ~2 years.

B. Plastic ware

1	PCR tube 0.2 ml (DNase RNase Free)	1000
2	Pipette tip 10 ul (DNase RNase Free)	10 packs (x96)
3	Pipette tip 1000 ul (DNase RNase Free)	10 packs (x96)
4	Pipette tip 200 ul (DNase RNase Free)	10 packs (x96)
5	Cryoboxes (100 wells, 24 wells)	10 each

C. Equipment

All items must be certified for use in Human ID Applications.

S. No.	Name of Item	Quantity
1	<p>Gel Documentation System</p> <p>UV light (312 mm), Camera (5MP (2592 x 1944) Lens (6 mm, F1.2), Filter (Optical EtBr and Optical SYBER Green filter), Image Storage (PC), Connection (USB to PC), Cabinet (Pull out, sliding Transilluminator, Field of view (at least 8" x 10"), Display (LED Blue Light), Viewing Window, Light (White light), Safety Switch, System Controls (Integrated Touchscreen computer), Complete Analysis software with functions (Band analysis/densitometry, Band matching, Automatic molecular weight/base pair calculations for sample bands based on standards from one or more lanes, Multi-tier analysis for high throughput screening, Manual band quantification, Spot Blot analysis, Colony counting, Export results to Microsoft Excel and Word), All necessary cables, boards, hood and instructions</p> <p>Computer and Laser Printer</p>	1
2	<p>Laminar Flow Hood</p> <p>LED Digital Display, HEPA filter with efficiency of 99.997% at 0.3 micro, Disposable, non-washable Polyester fiber pre-filter, <3.5 Granule / L for >0.5 µm, <60db noise level, 0.3-0.5 m/s airflow velocity, air speed adjustable, <5 µm vibration level, Fluorescent Lamp, UV Lamp, Light, Tempered glass, no less than 5mm anti UV Front Window ad side panel, Stainless steel Worktable Material, Work Area Size (120cm * 60cm * 60cm (W*D*H)), Main Body and Base Stand Construction of Adopting Cold-roll steel Plate with corrosion-proof coating, Water and Gas Tap, UV, Light, Base Stand, Power Supply: 220V, 50Hz, along with necessary cables and accessories</p>	1
3	Refrigerator	1

	<p>Normal Kitchen Refrigerator Capacity: at least 300 Litres, with at least 90 Litre Freezer compartment Voltage: 125-260, Low Voltage operation, Freezer Temperature: -20°C Refrigerator Temperature: 5°C, Storage Period in Event of Power Failure (h): 100 Hours</p>	
4	<p>DSLR Camera DSLR Camera, Pixels = 24 million at least Memory Card and USB 2.0 compatible GPS, Flash light, Built-in WiFi Lens = 18-55mm included Micro Auto-Focus zoom Macro Option included, Ability to focus to one inch or less Wireless controller, At least 3" LCD Monitor Video Recording 1080p Extra batteries, charger, memory cards and bag included</p>	1
5	<p>Micropipettes Stainless steel and PVDF with dry seal technology, thick body, robust accurate and precise individually calibrated, fully autocleavable Tip Holders and Tip Ejectors, Up to 50% deduction of pipetting and purge forces One each of: 0.2-2.0uL, 1-10uL, 2-20uL, 20-200uL, 100-1000uL Graduation: (0.002, 0.02, 0.02, 0.2, 2.0 respectively) Grease-free sealing system, Clip-tip ejector for easy dismantling and secure grip</p>	5
6	<p>Electronic Micropipette Functions: Auto dispense, Manual pipetting, Aspirating, forward and reverse pipetting, diluting, stepper pipetting/repetitive, mixing, sequential stepping, motorized single channel, calibration software included free. Range: 0.5-10uL, 2-20uL, 5-50uL Charging carousel and batteries included, along with necessary cables and accessories</p>	1
7	<p>Multichannel (8-channel micropipette) Stainless steel and PVDF with dry seal technology, thick body robust accurate and precise individually calibrated, Versatility in tip compatibility, easy tip ejection, strictly consistent aspiration and dispensing of samples across channels, reduced force required for ejection, UV resistant, Recalibration system, Color-coded rings Volume: 2 to 20 µL Systematic Error: ± 0.10 to ±0.40 µL</p>	
8	<p>Gradient Thermal Cycler Sample Capacity: 96-Well Thermal Cycler, 0.2 mL, Six independent temperature blocks, Six separate Peltier blocks, Each block can be set with a specific temperature and the six Peltier blocks can also be used to run up to six different annealing temperatures In the same run. Precisely set and control the Temperature in each block, on-board Tm calculator, Run up to six different annealing temperatures, Incubate samples at six different temperatures simultaneously, 6.5inch VGA color touch screen, Setup and navigation do not require the use of a stylus or mouse, Saving the method to the instrument or to a USB memory stick, Both a standard and Fast thermal cycler with amplicons of 500 bp generated in under 25 minutes and larger fragments, up to 2 kb, can be amplified in approximately 40–50 minutes, Block Format (0.2 mL Alloy and sample blocks enabled to run Fast chemistry), Max Block Ramp Rate (3.90°C/sec), Max Sample Ramp Rate (3.35°C/sec), Enabled to Run Fast Chemistry, Gradient Blocks 25°C (5°C zone-to-zone), Temperature Accuracy (±0.25°C (35–99.9°C), Temperature Range (4.0°C to 99.9°C),</p>	1

	Temperature Uniformity (<0.5°C (20 sec after reaching 95°C), PCR Volume Range (10–80 µL), Instrument Memory (800 protocols on board, unlimited with use of USB memory stick), Warranty (2 years), along with necessary cables and accessories	
9	High Speed Mini Centrifuge Maximum speed (15000rpm), Maximum RCF (15100×g, increment: 100×g), Capacity (24 x 1.5 / 2 ml or more, rotors included), Brushless DC motor, Timer(30 seconds -99 minutes-HOLD, continuous operation), Door interlock, Over-speed detector, Over-temperature detector, Automatic internal diagnosis, Automatic imbalance detection, Power requirements (220V), Speed/RCF switch, Pulse operation, Processing display (LCD), Fully autoclavable, along with rotor and necessary cables, accessories	1