



UNIVERSITY OF KARACHI  
KARACHI

Ref: P.O./0303-2023

Cost of form  
Rs. 2,000/=(Non refundable)

**TENDER DOCUMENT**

**PROCUREMENT OF CHEMICALS, GLASSWARE & LAB ITEMS FOR  
MICROBIOLOGY DEPARTMENT**

**NHCG-21-05 Health Research Institute Grant**

**“Source Tracking of XDR Salmonella Typhi in Karachi and Development of diagnostic  
Method for its Detection Using Molecular Approaches”**

S. #	Description	Qty	Unit Price	Total Price (Pak Rupees)
1	DNA Extraction Kit	2		
2	PCR Purification Kit	2		
3	Primer Synthesis Service	800bp		
4	Amplicon Sequencing	50		
5	Whole Genome Sequence Service	5 Bacteria		
6	Nutrient Broth	1000g		
7	Tryptic Soy Broth	1000g		
8	Selenite Broth, Peptone	500g		
9	Tetrathionate Broth	500g		
10	Hektoen Enteric (HE) agar	500g		
11	Xylose Lysine Desoxycholate	500g		
12	Bismuth Sulfite (BS) agar	500g		
13	Rappaport-Vassiliadis Soy Peptone (RVS) Broth	500g		
14	Triple Sugar Iron	500g		
15	Agar Technical	500g		
16	Peptone	500g		
17	Agarose	100g		
18	Tris and Tris HCl	100g		
19	Glycerol (For Stock Culture)	100ml		
20	Citric Acid	100g		
21	K <sub>2</sub> HPO <sub>4</sub>	1Kg		
22	KH <sub>2</sub> PO <sub>4</sub>	1Kg		

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23	NaOH	1Kg		
24	HCl	1L		
25	Sybr Green Dye	0.5ml		
26	DNA Ladder 1Kb	50mg/100X		
27	DNA Ladder 100bp	50mg/100X		
28	TAE buffer (50X)	1L		
29	TBE Buffer (10X)	1L		
30	Erlenmeyer Flask 500ml	50		
31	Erlenmeyer Flask 250ml	100		
32	Erlenmeyer Flask 100ml	200		
33	Petri Dishes (Glass)	400		
34	Test Tubes	500		
35	Siugar Tubes	500		
36	Pipettes 5ml, 10ml	50 each		
37	Filtration Assembly	1		
38	Duran Bottles 100ml	25		
39	Duran Bottles 250ml	25		
40	Reagent Bottles 100ml	25		
41	Reagent Bottles 500ml	25		
42	Spreaders and glass Rods	50		
43	Microtips (Yellow)	20 pkts		
44	Microtips (Blue)	20 pkts		
45	Microtips (White)	10 pkts		
46	Eppendorf	30 pkts		
47	PCR Tubes	5 pkts		
48	Filtration Units/disposable	4 pkts		
49	Syringes	10 pkts		
50	Cryogenic Vials	6 pkts		
51	Test Tube Racks (Plastic)	15		
52	Disposable Small Petri Plates	10 pkts		
53	Squeezers and Rubber Cork	50 each		
54	96 Well Plates	10 pkts		
55	Gel combs and Glass Beads	5 pkts each		

## TERMS & CONDITIONS

- The Procuring Agency may reject all bids at any time prior to the acceptance of a bid under PPRA Rules 2004.
- 2% Bid Security should be attached with the bidding document in shape of pay-order drawn in favor of University of Karachi.
- Bids not accompanied by the Bid Security will not be considered.
- Copies of the Sales Tax Registration, Sindh Revenue Board (SRB) and NTN are to be attached with the bidding documents.
- The quoted price shall be inclusive of all applicable Govt. Taxes and Charges.
- Procurement Committee shall finalize the bids in light of PPRA-Rules.
- The bid must be submitted along with the detailed company profile.
- Prices shall be quoted on Pak Rupees.
- The method of procurement is open competitive bidding single stage one envelop procedure.
- The price to be quoted shall be filled in the bidding documents mandatory.
- The successful bidders who undertake to execute the contract shall be liable to forfeiture of their Bid Security as a penalty.
- The bid shall be evaluated on the following criterion.
  - Lowest evaluated bid in terms of Value for Money.
  - As per specifications, terms & conditions mentioned in the bidding document.
- Period of Bid Validity (days):- 90 (Ninety) Days
- Delayed Delivery: 10% liquidity damages of the total amount will be imposed per month for which the company/firm/agency failed to deliver within the delivery/execution period.
- Quality Factors: The quality of Goods must be of prime quality.
- Condition of Goods / Works: All items must meet in all respects with the specs & conditions of the Order and must be in good condition otherwise they will be liable to reject.
- The last date of issuance of bidding document is day 21-03-2023 at 4:30 p.m.
- The last date of receipt bidding document is 22-03-2023 at 11:30 a.m. The bid shall be opened on the same day at 12:00 noon in presence of the bidders who may wish to be present.
- In case of any holiday or disturbance the bids shall be opened on the next working day as per schedule.
- The Tender Notice shall be available on the Official website [www.ppra.org.pk](http://www.ppra.org.pk), as well as Procuring Agency's website [www.uok.edu.pk](http://www.uok.edu.pk)

**Total Amount** \_\_\_\_\_

**(Rupees \_\_\_\_\_ Only)**

**(Total Earnest Money Rs. \_\_\_\_\_)**

SIGNATURE OF THE PROPRIETOR  
AND RUBBER STAMP OF THE COMPANY

# Instruction to Bidders (ITB)

## Preparation of Bids

1. **Scope of Work** The *University of Karachi* plans to develop / acquire a comprehensive integrated solution for all the functional needs and requirements of *Chemical, Glassware & Lab Items* as described in later pages.
2. **Method and Procedure of Procurement** National Competitive Bidding Single Stage *Single Envelope* Procedure as per PPRA Rules 2004
2. **Language of Bid** The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring Agency, shall be written in English language
3. **Documents Comprising the Bid** The bid prepared by the Bidders shall comprise the following components:
  - (a) Price Schedule completed in accordance with ITB Clauses 4, 5 and 6.
  - (b) Bid security furnished in accordance with ITB Clause 9.
4. **Bid Prices**
  - 4.1 The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the *Chemical, Glassware & Lab Items* it proposes to supply under the contract.
  - 4.2 The prices shall be quoted inclusive of all taxes, stamps, duties, levies, fees and installation and integration charges imposed till the delivery of services specified in the Schedule of Requirements. No separate payment shall be made for the incidental services.
  - 4.3 Prices quoted by the Bidder shall remain fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet.
  - 4.4 Prices shall be quoted in Pak Rupees unless otherwise specified in the Bid Data Sheet.
5. **Bid Form** The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the *Chemical, Glassware & Lab Items* to be supplied.
6. **Bid Currencies** Prices Shall be quoted in Pak Rupees.
7. **Documents Establishing Bidder's Eligibility and Qualification** The Bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the contract if its bid is accepted.
  - (a) That the Bidder has the financial and technical capability necessary to perform the contract;
  - (b) That the Bidder meets the qualification criteria listed in the Bid Data Sheet.