

## Section-I: INVITATION TO BIDDERS

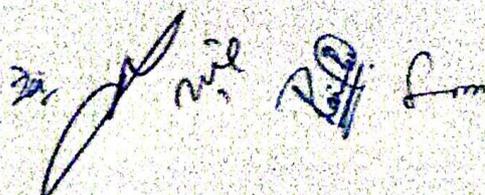
Bid Ref No: Mobile Lab Project 2025 (ADP-2563) Chemicals & Glassware\_1  
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### **BIDDING DOCUMENTS FOR THE PURCHASE OF CHEMICALS & GLASSWARE**

Bids on framework basis for the FY 2025-26, item wise basis are invited from Bidders i.e. firms/ companies/ sole proprietor/ authorized distributors/ general order suppliers etc. engaged in trading, registered with relevant Registration Authorities and Tax Departments/ Authorities (Income Tax, Sales Tax & Punjab Sales Tax etc). The Bids shall be received as per single stage – two envelope. Bidding Documents are available in the e-Procurement system (<https://punjab.eprocure.gov.pk>) and will be submitted online by vendors registered with Punjab Public Procurement Regulatory Authority.

**Lot. 1:** The list of specific utility chemicals is tabulated below.

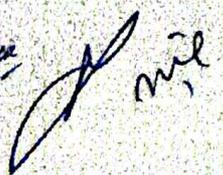
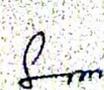
S. No.	Name of Chemical	Unit	Qty	Estimated Cost	Bid Security (%)	Bid Security (PKR)
1	Ferrous Sulfate heptahydrate	Kg	42	336000	2	6720
2	Potassium Dichromate	Kg	11	105000	2	2100
3	Sodium Fluoride	Kg	18	175000	2	3500
4	Sulfuric Acid	2.5L	14	126000	2	2520
5	Sulfuric Acid Commercial	2.5L	70	14000	2	280
6	Barium Diphenyl Amine Sulphonate	2.5g	4	45500	2	910
7	Sodium Hydroxide	Kg	11	57750	2	1155
8	Hydrochloric Acid	2.5L	21	157500	2	3150
9	Certified Reference Material for pH 4.00	Liter	18	192500	2	3850
10	Certified Reference Material for pH 7.00	Liter	18	192500	2	3850
11	Certified Reference Material for pH 9.00	Liter	18	192500	2	3850
12	Phenolphthalein	100g	4	26250	2	525
13	Methyl Orange (Indicator)	25g	4	21000	2	420
14	Potassium Chromate	250g	4	56000	2	1120
15	Silver Nitrate	100g	7	336000	2	6720
16	Ethanol	2.5L	4	19600	2	392
17	Ammonium Chloride	Kg	7	42000	2	840

Omar  


18	Eriochrome Black T (EBT Indicator)	100g	4	42000	2	840
19	Ethylene diamine tetra acetic Acid disodium salt dihydrate (EDTA)	Kg	7	52500	2	1050
20	Magnesium Chloride hexahydrate	Kg	4	22750	2	455
21	Calcium Sulfate	Kg	4	22750	2	455
22	Hydroxylamine Hydrochloride	500g	4	45500	2	910
23	Certified Reference Material for Electrical Conductivity	500mL	35	525000	2	10500
24	Calcium carbonate	Kg	7	42000	2	840
25	Whatman filter paper No. 42	Pkt	368	624750	2	12495
26	Ammonium Purpurate Indicator	5g	4	26250	2	525
27	Potassium Hydrogen Phthalate	500g	4	40250	2	805

**Lot 2 The list of required glassware is tabulated below.**

S. No.	Name of Glassware	Qty	Estimated Cost	Bid Security (%)	Bid Security (PKR)
1	Beaker glass 50ml, Pyrex	350	280000	2	5600
2	Beaker glass 100 ml, tall form Pyrex	525	630000	2	12600
3	Beaker glass 500ml, Pyrex	140	168000	2	3360
4	Beaker Plastic 500ml, Pyrex	280	126000	2	2520
5	Bottles for Shaking	875	262500	2	5250
6	China dish	770	269500	2	5390
7	Conical Flasks 100 ml	280	210000	2	4200
8	Conical flask glass 250ml, Pyrex	875	962500	2	19250
9	Conical flask glass 500ml, Pyrex	280	392000	2	7840
10	Cylinder 10 ml	350	210000	2	4200

Omar   

11	Cylinder 25 ml	35	28000	2	560
12	Cylinder 50 ml	35	35000	2	700
13	Cylinder 100 ml	35	42000	2	840
14	Graduated Pipette Pyrex 10ml	56	112000	2	2240
15	Funnel Plastic	280	84000	2	1680
16	Funnel Pyrex	525	288750	2	5775
17	Indicator Bottles	105	36750	2	735
18	Plastic Bottles 250 ml with stopper	280	112000	2	2240
19	Pipette glass Bulb type 1 ml	70	63000	2	1260
20	Pipette glass graduated 1 ml	70	63000	2	1260
21	Pipette glass graduated 5 ml	70	77000	2	1540
22	Pipette glass bulb type 10 ml	70	91000	2	1820
23	Reagent storage bottles 500 ml	105	47250	2	945
24	Reagent storage bottles 1000 ml	105	68250	2	1365
25	Spatula	35	12250	2	245
26	Wash bottle plastic with removable jet nozzle	56	28000	2	560
27	Volumetric Flasks 25 ml	280	238000	2	4760
28	Volumetric flask glass 50 ml, Pyrex	420	504000	2	10080
29	Volumetric flask glass 100 ml, Pyrex	420	630000	2	12600
30	Volumetric flask glass 250 ml, Pyrex	70	154000	2	3080
31	Volumetric flask glass 500 ml, Pyrex	70	175000	2	3500

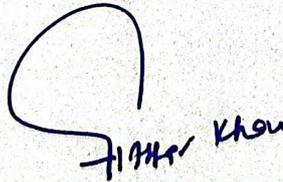
32	Volumetric flask glass 1000 ml, Pyrex	70	189000	2	3780
33	Volumetric Flasks 2000 ml	42	126000	2	2520
34	Automatic pipette 1-10ml (Adjustable)	42	1050000	2	21000
35	Soil Testing Kit (25 test/kit)	7	280000	2	5600
36	Falcon Tubes 50 ml capacity with stand	840	100800	2	2016
37	Funnel stand	42	147000	2	2940

Bids must be submitted online on or before **Thursday 20.11.2025 at 1:30 P.M.** All Bids must be accompanied by a Bid Security of **2%** of the estimated price (item wise applied) in the form of CDR/Bank Guarantee/Demand Draft. Late Bids shall be rejected. The Bids will be opened on the same day at **2:00 P.M.** in the presence of the Bidders' representatives who may choose to be present at the address below. Interested eligible bidders may obtain further information from **Office of Project Director, Establishment of Mobile Labs under Soil Fertility Research Institute, Rapid Soil Fertility Survey & Soil Testing Institute, Thokar Niaz Baig, Canal Road, Lahore** at the address given below from **06.11.2025 to 13.11.2025**, from **9:00 A.M. to 5:00 P.M.** Bid Validity period is 90 days.

Bidding Documents are immediately available after date of publication on the official web site of E-Procurement. **Project Director, Establishment of Mobile Labs under Soil Fertility Research Institute, Rapid soil Fertility Survey & Soil Testing Institute, Thokar Niaz Baig, Lahore** will not be responsible for any cost or expense incurred by Bidders in connection with the preparation or delivery of Bids. In case of official holiday on the day of submission, the next day will be treated as closing date.

Bids must be submitted through Government established e-Procurement system. No manual bid will be accepted. (<https://punjab.eprocure.gov.pk>)

The response time will be calculated from the date of publication of the advertisement on the website of the Authority.



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