

**SECTION-I**

**INVITATIONS FOR BIDS (IFB)**

**DRUG, FOOD & WATER TESTING LABORATORY**

**GILGIT-BALTISTAN**

**INVITATION TO BIDS**

1. Drug, Food & Water Testing Laboratory Gilgit-Baltistan invites sealed bids from the eligible suppliers/ contractors for supply
  - **Generic Consumables**
2. Bidding Documents, containing detailed terms and conditions are available at the office of Accountant, Drug Food & Water Testing Laboratory Jutial Gilgit on any working day during office hours after advertisement of tender notice.
3. The Bids, prepared in accordance with the instructions in the bidding documents, must reach at **Director Drug, Food & Water Testing Laboratory Jutial Gilgit** on or before **12<sup>th</sup> Sep 2024 before 11 am**. Bids security @2% of the total value of bid in the shape of pay order/call deposit of any scheduled bank in favor of undersigned must accompany bidding documents. Bids will be opened on the same day at **11:30 am** in the presence of bidders or their authorized representatives. This advertisement is available on **PPRA** website at [www.gbppra.gov.pk](http://www.gbppra.gov.pk)
4. Pre-tender meeting will be held on 9<sup>th</sup> **Sep 2024 before 11 am** at the office of Director, Drug Water & Food Testing Laboratory GB.

**DIRECTOR**  
**DRUG, FOOD & WATER TESTING**  
**LABORATORY GILGIT**

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**LIST OF COSUMEABLE ITEMS**

**Make. Pyrex or equivalent**

<b>S. #</b>	<b>Item</b>	<b>Description/ Specification requirements (URS)</b>	<b>Qty</b>
1.	Eppendorf pipette.	Adjustable maximum capacity 100, 500, 1000 ul	1 each
2.	Forceps	Stainless steel, 200 mm.	1
3.	Pipette tips	100, 1000, 5000 µl	1 pack each
4.	Pipette	1ml 2ml with 0.1 graduation	1 each
5.	Pipette	5ml 10ml with 1ml graduation	1 each
6.	Pipette	5ml with 0.1ml graduation	1 each
7.	Scalpel	Stainless steel, 200 mm.	1
8.	Scissor	Stainless steel, 300 mm.	1
9.	Spatula	Stainless steel, flat ends.	1
10.	Separating flask holding stand	Stainless steel.	1
11.	Funnel glass	Diameter 100mm, 50mm	1
12.	Volumetric flask	25ml	1
13.	Volumetric flask	50ml	1
14.	Volumetric flask	100ml	1
15.	Separating flask	250ml	1
16.	Burner	Glass spirit burner	1
17.	Brush	For bottle washing 40 cm.	1
18.	Burette	50ml.	1
19.	Glass Bottle	Autoclavable with screw cap 500mL	1
20.	Reagent Bottle	Amber Glass 250mL	1
21.	Wash bottles	Plastic with pipe tip 500ml	1
22.	Filter Paper	Whatmann (Sheet)	1

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23.	Filter Paper	Membrane filters 0.45 micron Circle	1
24.	Syringe Filter	0.22 micron (Nylon)	1 carton
25.	Glass Rods	Glass	1
26.	Cell/Curette	Quartz	1
27.	HPLC Column	L1 (C18 4.6x150mm)	1
28.	HPLC Column	L1 (C18 4.6x250mm)	1
29.	LAL Test Lysate (for Gel Clot method)	Lysate sensitivity of 0.125 or 0.25 is required. Should be sterile. Lysate in lyophilized form is required. Endotoxin free LAL water, Positive Control of Endotoxin (CSE)	1 kit
30.	Digital Hygrometer	Humidity & Temperature 3 in one, indoor and outdoor temperature (Range -20 to 70 °C) LCD display, easy to read. With external probe.	1
31.	Smoke Sensor	Sensor with alarms	1
32.	Emergency Alarm	Emergency Alarm	
33.	Arsenic kit	Water testing kit	1
34.	Mercury kit	Water testing kit	1
35.	Iron kit	Water testing kit	1
36.	Lead kit	Water testing kit	1
37.	Total Coliform/E. coli kit	Total Coliform/E. coli qualitative test in water	1
38.	Aflatoxin test kit	Aflatoxin M1 Qualitative Lateral flow Rapid test kit	1
39.	Aflatoxin B1	Aflatoxin B1 Quantitative complete test kit 20 ppb	1
40.	Milk Adulteration test kit	Detection of Formalin, Detergent, Hydrogen peroxide, sulfate, soap, can sugar, boric acid in milk	1 kit
41.	Copper kit	Water testing kit	1 kit
42.	Cadmium cd/Chromium	Water testing kit	1kit

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43.	Selenium kit	Water testing kit	1 kit
44.	Hardness test kit	Water testing kit	1 kit
45.	Alkalinity test kit	Water testing kit	1 kit
46.	Chloride test kit	Water testing kit	1 kit
47.	Sulphate test kit	Water testing kit	1 kit
48.	Phosphate test kit	Water testing kit	1 kit
49.	Ca/Mg test kit	Water testing kit	1 kit

### LIST OF CHEMICALS

S#	Chemicals Merck, Sigma Aldrich and equivalent	Quotation Required
1.	Acetonitrile HPLC Grade	1L
2.	Chloroform	1L
3.	Dichloromethane	1L
4.	Ethanol	1L
5.	Ether	1L
6.	Diethyl Ether	1L
7.	Hydrochloric acid	1L
8.	Methanol HPLC grade	1L
9.	Methanol Reagent grade	1L
10.	Sulphuric acid	1L

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11.	Phosphoric acid	1L
12.	Acetic acid	1L
13.	Acetic acid (Glacial)	1L
14.	Perchloric acid 0.1N	1L
15.	Nitric Acid	1L
16.	Tetrabutylammonium Hydroxide 40%	Minimum Packing
17.	Tetrabutylammonium hydroxide 20%	Minimum Packing
18.	Hexane	1L
19.	Ammonia	1L
20.	Sodium Hydroxide	1Kg
21.	Sodium Hypochloride	Minimum Packing
22.	Sodium carbonate	1Kg
23.	Silver Nitrate	Minimum Packing
24.	Iodine	Minimum Packing
25.	Sodium thiosulfate	1Kg
26.	Potassium iodide	1Kg
27.	Potassium dihydrogen orthophosphate	1Kg
28.	Di Potassium hydrogen orthophosphate	1Kg
29.	Sodium dihydrogen orthophosphate	1Kg
30.	Di Sodium hydrogen orthophosphate	1Kg
31.	Silica gel	1Kg
32.	Salicylic acid	1g
33.	Benzophenon	1g
34.	Ammonium acetate	1Kg

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35.	Iso propyl alcohol	1L
36.	Sodium lauryl sulphate	1Kg
37.	Tromethamine	Minimum Packing
38.	Ammonium cerium (iv) sulfate	Minimum Packing
39.	Trifluoroacetic acid	Minimum Packing
40.	Triethylamine	1L
41.	Trimethylamine	1L
42.	Acetone	1L
43.	Zinc sulfate heptahydrate	1Kg
44.	Potassium permanganate	1Kg
45.	Potassium chromate	1Kg
46.	Potassium dichromate	1Kg
47.	Trichloro acetic acid	1Kg
48.	Barium chloride	1Kg
49.	Sodium 1-heptanesulphonate monohydrate	Minimum Packing
50.	Hexane-1 sulfonic acid sodium salt	Minimum Packing
51.	Butane-1 sulfonic acid sodium salt	Minimum Packing
52.	Octane-1 sulfonic acid sodium salt	Minimum Packing
53.	Boric acid	1Kg
54.	Tetrahydrofuran	Minimum Packing
55.	Chlorobutanol	Minimum Packing
56.	N-(1-naphthyl) Ethylenediamine Dihydrochloride	Minimum Packing
57.	Magnesium sulfate	Minimum Packing
58.	Diethyl sodium sulphosuccinate	Minimum Packing

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59.	Bipyridine	Minimum Packing
60.	Calconcarboxylic acid	Minimum Packing
61.	Antimony trichloride	Minimum Packing
62.	Buffer (pH 4.0, 7.0 & 10.0) Uncertainty value $\pm 0.02$ is required. Should comply with ISO: 17025/2017. Should prevent microbial growth. Should be stable at room temperature.	Minimum Packing
63.	Ferroun solution (Indicator)	Minimum Packing
64.	Eriochrome black T (Indicator)	Minimum Packing
65.	Eosin Y (Indicator)	Minimum Packing
66.	Phenolphthalein (Indicator)	Minimum Packing
67.	Bromocresol green (Indicator)	Minimum Packing
68.	Crystal violet blue (Indicator)	Minimum Packing
69.	Methyl Red (Indicator)	Minimum Packing
70.	Methyl orange (Indicator)	Minimum Packing
71.	Methyl blue (Indicator)	Minimum Packing
72.	Salmonella shigella agar	1Kg
73.	Brilliant green agar	1Kg
74.	Yeast and Mold agar	1Kg
75.	Manitol salt agar	1Kg
76.	Typtic soya broth	1Kg
77.	Staphylococcus agar	1Kg
78.	EBM agar	1Kg
79.	Asparagine broth	1Kg
80.	Nutrient agar	1Kg
81.	EC broth	1Kg

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82.	Muller Hinton agar	1Kg
83.	Furfural solution 100mg/L	500 ml
84.	Rappaport Vassilliadis	1Kg
85.	Potato Dextrose agar	1Kg
86.	m-Endo broth	1Kg
87.	Phloroglucinol	Minimum Packing
88.	Carbon tetrachloride	Minimum Packing
89.	Potassium hydrogen phthalate	Minimum Packing
90.	Iodine trichloride	Minimum Packing
91.	EBT	Minimum Packing
92.	Reference Standards Must meet USP/BP specifications 1. Metronidazole 2. Ciprofloxacin HCL 3. Paracetamole 4. Azithromycine 5. Omeprazole	100 mg each
93.	Sodium Standard for flame photometer 1000 ppm	100ml
94.	Potassium Standard flame photometer 500 ppm	100 ml
95.	Bottled eye wash station 16oz Bottle size, 3 years shelf life 7 ½ height, 10 ¾ width.	01

Note: All chemicals must meet the purity standards set by the American Chemical Society (ACS).