

# DIAMOND HARBOUR WOMEN'S UNIVERSITY

## NOTICE

Dated: 07-01-2022

### **Sub: Quotation/Tender for laboratory materials of Dept. of Chemistry.**

The following items will be purchased for the Dept. of Chemistry of Diamond Harbour Women's University:

#### **A. CONSUMABLES**

Serial No.	Name of consumable	Quantity	Weight	Category
1	Potassium iodide	2	250 G	Chemical
2	Silver Nitrate extrapure, 99.5%	1	10g	
3	Dicyandiamide pure, 98%	1	500g	
4	Potassium Iodide pure, 99%	1	25g	
5	EDTA Dipotassium Salt pure, 98%	1	100g	
6	SULPHOSALICYLIC ACID SOLUTION	1	100 ml	
7	Amberlite™ IRA-200C(Na)	1	250g	
8	Amberlite® IRA-400	1	100g	
9	Silicon Dioxide Nanopowder	1	25g	
10	Benzidine	1	100 MG	
11	POTASSIUM HYDROGEN SULPHATE 98% Extra Pure	1	500 g	
12	Ammonia Solution extrapure AR, 25%	1	500ml	
13	ORTHOPHOSPHORIC ACID 85% Extra Pure 500 ml	1	500ml	
14	BISMUTH OXIDE 99% Extra Pure	1	100 g	
15	Sulfuric acid about 98%	1	500 ML	
16	Ammonium Oxalate Monohydrate extrapure, 98%	1	500g	
17	Hydrogen peroxide 30%	1	500 ML	
18	Sodium Sulphide Flakes extrapure, 60%	1	500g	
19	Nitric acid about 69%	1	500 ML	
20	Ammonium Acetate extrapure AR, 98%	1	500g	
21	Oxalic Acid Oxalic Acid	1	500g	
22	Ferrous Sulphate Heptahydrate pure, 98%	1	500g	
23	POTASSIUM PERMANGANATE 99% Extra Pure	1	500 g	
24	SODIUM THIOSULPHATE ANHYDROUS 97% Extra	1	1000 g	
25	POTASSIUM BROMIDE 98% Extra Pure	2	500 g	
26	POTASSIUM NITRATE 99% Extra Pure	2	500 g	
27	AMMONIUM MOLYBDATE TETRAHYDRATE 98%	2	100 g	
28	Potassium perdisulphate	1		
29	Manganese (II) Sulphate Monohydrate pure, 98%	1	500g	
30	Hexane	1	25 L	
31	Ethyl acetate	1	25 L	
32	Acetone	4	2.5 L	
33	Ethanol	1	5 L	
34	Methanol	2	5 L	

35	Dichloro methane	2	2.5 L	Chemical
36	Sodium sulphate	1	5 kg	
37	Acetyl acetate	1	100 mL	
38	Ethylene diamine	1	100mL	
39	Salicylaldehyde	1	100 mL	
40	Cobalt carbonate	1	100 g	Miscellaneous
41	Mica foil	1 box		
42	Tray plastic (Big)	14		
43	Gloves	3 boxes		
44	Safety goggles	40		
45	Distilled water bottles	40		
46	Wire gauze	20		
47	Asbestos board	30		
48	Spatula (small/medium/large)	10 each		
49	Tripod stand	30		
50	Brush	30		
51	Stand with clamp	30		
52	pH paper	10		
53	Litmus paper	10		
54	Tissue paper	60 rolls		

### B. Glass Apparatus

Serial no.	Name of item	Volume	Quantity	Grade
1	Burette	50 ml	20	Borosil R
2	Conical flask	250 ml	60	
3	Conical flask	100 ml	60	
4	Pipette pump	25 ml	54	
5	Bulb pipette	50 ml	2	
6	Column		10	
7	Flat bottom flask 24 joint	100 mL	25	
8		250 mL	25	
9		500 mL	25	
10	Volumetric flask	10 mL	120	
11		100 mL		
12	Beaker	50 mL	10	
		250 mL	10	
		500 mL	10	
13	Funnel (Borosilicate)	70 mm	30	
		100 mm	30	
14	Glass rod		25	
15	Dropper with rubber tip		200	
16	Bottle (with stopper)	50 mL	15	
		125 mL	15	

		250 mL	15	
17	Pipette	25 mL	20	
		10 mL	20	
18		Measuring cylinder (Borosil R)	10 mL	2
	25 mL		2	
	50 mL		2	
	100 mL		2	
	250 mL		2	
19	Test tube 20 mL			20 boxes
20	Condensor, 24 std. joint	1.5 ft	5	
21	Separating funnel (with glass stopper and stop cock)	250 ml	15	
22	Single neck round bottom flask, 24 std. joint	250 ml	10	
23	Capillary tube (melting point determination)		10 boxes	
24	Glass tube		20	
25	Separating flask holder	(for 250 mL)	15	
26	Magnetic beads		10	
27	Silicon pipe with ring clamp	25 meters	20	

### **C. Instruments (Maintenance and Repair)**

<b>Serial No.</b>	<b>Name of instrument</b>	<b>Model no.</b>	<b>Issue</b>
1	UV-Vis spectrophotometer	Visiscan 167	Malfunction of power uptake
2	Conductivity meter	Systronics 304	Error in signal output
3	Digital potentiometer	Systronics 318	Error in signal output
4	Digital pH meter	Systronics 335	Malfunction of power uptake
5	Lab maintenance	-	Blockage in gas lines, etc.

Sealed Quotations/Tenders are invited from bonafide organizations/Companies/Agencies / Firms / Proprietor on their Letter Head / Office Pad for purchase of materials in Diamond Harbour Women's University. Interested concerns may send their quotations/tenders clearly mentioning the amount of GST. The University has DSIR certificate. So, the permissible rate of GST is 5%.

Last date of submission of the Quotations/Tenders in the University Office:

**14.01.2022 up to 1.30 p.m.**

Date and time of opening the Quotations/Tenders: **14.01.2022 at 2.00 p.m.**

Quotations /Tender will only be accepted in the University Office on all working days from **11 a.m. to 3 p.m.** and in holiday you can drop the sealed envelope in the designated tender box.

**Registrar**