



DURGAPUR WOMEN'S COLLEGE,
MAHATMA GANDHI ROAD,
DURGAPUR, W.B.-713209

Phone : 0343 - 260 1160 / 7679068077
<https://durgapurwomenscollege.ac.in>
durgapurwomenscollege@gmail.com



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Ref No.: DWC /118-I/24-25

Date 30/01/25

Quotation for Laboratory Equipment for the Department of Chemistry

Sl. No.	Item	Specification	Quantity
1	Balance	Economical High Precision Balances Electronic Load Cell Based Technology with ISO & CE Compliance. Make: K.Roy, Model: K-200 Capacity, 200 gm Readability: 0.001 g (1 mg), Linearity: ± 0.002 g (2mg), Calibration: External	2
2	Digital pH Meter	using latest microcontroller, temperature compensation, combination pH electrode, auto buffer recognition, touch keys, one-touch calibration up to 3-point calibration. 3½ digit LED display. (Table Model) HSN, CODE: 90278990, Make : EI, Model : 111 → Display : 3 ½ Digit LED, → Range : (pH : -2.00 to 20.00,) (mV : 0 to ± 1999), → Resolution : (pH : - 0.01) (mV : 1) → Accuracy : (pH : 0.01 pH) (mV : ± 1 mV), → Temperature compensation : Manual : 0 - 100°C, → Input Impedance : $> 10^9\Omega$ → Slope Control : 80 to 120%, → Sensor : Combined pH Electrode, → Accessories : Combination pH Electrode, Buffer Tablets 4 pH & 7 pH, Operation Manual, Buffer bottles (4 & 7 pH), Dust Cover, Electrode Stand	2 (New Version)



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3	Digital Potentiometer	using latest microcontroller with touch keys, one touch calibration, built-in standard cell, with a stirrer and 2 electrodes (platinum and reference electrode), titration vessel and electrode stand. HSN CODE: 90278990, Make : EI, Model : 120 → Redout : 3 ½ Digit Bright red LED display, → Key Board : 3 soft touch keys, → Range : 0 to ± 1999 mV, → Resolu□on : 1mV, → Accuracy : ± 1mV ± 1 digit, → Internal Standard : Available, → Opera□ng Temperature : 10°C 50 50°C → Bure□e Assembly Op□on : Not Available, → Inbuilt S□rrer : Available at fixed RPM, → Poer Supply : 230V ± 10%AC, 50 Hz → Standard Accessories : Platinum Electrode, Reference Electrode, Dust Cover, Electrode Stand, Magnet Capsule Titration	2 (New Version)
4	Electric Suction pump		2
5	Water bath	Electric hot water bath -06 holes	2
6	Volumetric Flask	Volumetric Flask 100ml, 250ml-Borosil	20 Each
7	Measuring Cylinder	Measuring Cylinder-10ml, 25ml, 50ml, 100ml, 500ml- TORSON	20 Each
8	Platinum wire		10
9	Bunsen Burner	Bunsen Burner	20
12	Test Tube Holder		20
13	Long glass dropper with tit		20
14	Wire Gauge with Asbestos		4 Dozen
15	Spatula		20
16	Pressure tube		1 coil
17	Rubber tube		1 coil
18	Carbon	Merck	500ml x10 Bottle



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Ref No.	Chemical Name	Brand	Quantity
	Tetrachloeride		
19	Litmus Paper Blue		10 book
20	Zinc Acetate Dihydrate	Merck	500 gm x 2 Bottle
21	Nickel (II) Chloride Hexahydrate	Merck	500 gm x 1 bottle
22	Sulphuric Acid (98%)	Merck	500 ml x 20 bottle
23	Conc. HCl	Merck	500 ml x 20 bottle
24	Acetone	Merck	500 ml x 5 bottle
25	Liquor Ammonia	Merck	500 ml x 20 bottle
26	Ethanol		500 ml x 20 bottle
27	Methanol		500 ml x 20 bottle
28	Sodium Thiosulfate Pentahydrate	Merck	500 gm x 5 bottle
29	Ethyl Acetate	Merck	500 ml x 10 bottle
30	Hydrogen Peroxide 30%	Merck	500 ml x 2 bottle
31	Iodine Resublimed	Merck	100 gm x 5 bottle
32	Potassium Iodide	Merck	500 gm x 10 bottle
33	Whatman Filter paper 41 and 42		10 packet each
34	Benzoyl Chloride	Merck	500ml x 1 bottle
35	Ammonium ferrus sulphate	Merck	500ml x 2 bottle
36	NH ₄ Cl	Merck	500g x 10 bottle
37	Ammonium Ferric Sulphate	Merck	500g x 1 bottle



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Ref No. DWCC / 118-1 / 24-25

Date 30.1.25

38	Phosphoric Acid	Merck	500ml x 5 bottle
39	Acetic Acid	Merck	500ml x 5 bottle
40	EDTA	Merck	500g x 10 bottle
41	FeSO ₄	Merck	500g x 5 bottle
42	KCl	Merck	500g x 5 bottle
43	Potassium Sodium Tartarate	Merck	500g x 5 bottle
44	Magnetic Stirrer		2
45	Saturated Calomel Electrode		3
46	Platinum Electrode		3
47	Sodium Sulphite	Merck	500g x 2 bottle
48	NaOH	Merck	500g x 10 bottle
49	Sodium Bicarbonate	Merck	500g x 10 bottle
50	Sodium Metal		500g x 10 Packet
51	Sodium peroxide	Merck	500g x 1 bottle
52	SnCl ₂	Merck	100g x 10 bottle
53	AgNO ₃	Merck	100g x 10 bottle
54	Benzophenone	Merck	500g x 1 bottle
55	Glass rod		2 Dozen
56	Burette	Borosil	1 Dozen
57	Cork with different Sizes		10 Piece Each
58	Specific Gravity Bottle		25cc x 10 Piece
59	Conical Flask 100ml, 250ml	Borosil	1 Dozen each



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Ref No. - DWG/118-I/24-25

Ref No.	Description	Brand	Quantity	Date
60	Beaker -100ml, 250 ml	Borosil	1 Dozen each	30.1.25
61	Pthalimide	Merck	500g x 1 bottle	
62	Gooch Crucible		10 Piece	
63	Test tube best quality		20 Box	
64	Ag/AgCl electrode		3	
65	Indicator electrode		3	
66	Hydrogen electrode		3	
67	pH Paper		2 packet	
68	Tissue Paper		5 Packet	
69	Ostwald Viscometer		5 Piece	
70	Slagmometer		5 Piece	
71	Reaction Bead		2 Piece	
72	Calcon Indicator		25g x 2 Bottle	
73				

The applicants should have valid IT, VAT and P.Tax clearance certificates and credentials.

Last date of Submission of Quotations 06.02.2025 up to 4.00. P.M.

Place of submission of Quotation: Office of Durgapur Women's College, Mahatma Gandhi Road, Durgapur- 713209 on all working days between 11.00 A.M and 4.00 P.M.

Terms and Conditions:

1. Interested bidders/ vendors should contact the college office in order to obtain the exact requirements and specifications.
2. Mere submission of quotation / lowest price for the process doesn't ensure any assurance for the work order Only the suppliers with integrity will be given preference.
3. Quotation/s/ must be submitted in original separately clearly mentioning validity period



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for approved rates.

Date 30.01.25

4. The authority reserves the right to cancel any quotation without assigning any reason.
- 5.
6. No Prescribed form relating to this quotation is available in the college, Self-made format is acceptable.
7. Quoted amount should be inclusive of all expenditure, charges, royalty, toll charge and carriage.

Dr. Mahananda Kanjilal
Principal
Durgapur Women's College

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