



शासकीय तंत्रनिकेतन, जालना ,

पो.बॉक्स न. ५३ नागेवाडी औरंगाबाद रोड जालना ४३१२९३.

Email: office.gpjalna@dtmaharashtra.gov.in ,

No. : GPJ/Store/2022/ 2134

Date:

29 AUG 2023

QUOTATION

Sub: Quotation for Supply of Chemical item and glassware for chemical Dept.
(Due Date: 08 /09/2023)

Scaled Quotations are from eligible and interested manufacturers / dealers / distributors / for the attach list Chemical item and Glassware for Chemical Dept. on the terms and conditions mentioned below.

TERMS AND CONDITIONS

- The bid / Quotation should be submitted in Two bid format.
- The First Envelope will contain Technical Specifications of the Product. Technical literature/ leaflet and other documents mentioned below.
- 1. Covering Letter for tender on the company letter head mentioning official address. Contact No, e Mail address and website (if available) address
- 2. **GST registration certificate/ Number**
- 3. Authorization / Distributorship certificate from manufacturer. Proof of permission to manufacture the equipment / item mentioned in the quotation from competent authorities (to be submitted if the bidder is not a manufacturer).
- Additional document may also be asked by undersigned for confirming the details.**
- The second envelope will contain the financial bid in which the all inclusive rates F.O.R. Destination will be written and signed with the stamp of the establishment in the following format.

Sr. No.	Name of the item with specification	Quantity required	All inclusive cost per unit	All inclusive cost for quantity mentioned.
1.				

Date -

Place -

(Signature)

Rubber Stamp of organization

- The Two Envelopes should be sealed with a mention of the type of Envelope (Technical/ Financial), Reference no., Date of opening the Quotation on the front side of the envelope. These Two Envelopes should be sealed in a Third Envelope by giving heading "Quotation for Supply of Chemical item and Glassware for Chemical dept." and writing complete address of the undersigned.
- The Quotations should reach the undersigned on or before dt. 08 /09/2023.
- The material will be checked at this institute.
- No Extra Charges will be paid for cartage. packing etc. for the material rejected and replaced
- Quotations will be opened at 03 PM on dt. 11/09/2023.
- Rates should be Valid for 06 months from the date of confirmation letter.
- Materials should be quoted for standard makes and minimum pkgs.
- Delivery to the consignee has to be effected within 2 weeks from the date of issue of purchase order.
- The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason there of.


Principal

Government. Polytechnic, Jalna

Copy To :- 1) Main Notice Board, Govt. Polytechnic, Jalna
2) Programmer, Govt. Govt. Polytechnic, Jalna

List for chemical item and glassware

S. N.	Name of the Chemical	Formula	Code No.	Quantity	Remark
1	Ammonium Nitrate	NH_4NO_3	-----	500g x 01	Any Brand
2	Benzene	C_6H_6	37315	500ml x 01	SD Fine Chem.
3	Buffer Solution pH 4.0 (Phthalate)	--	35098	500 ml x 01	SD Fine Chem.
4	Buffer Solution pH 7.0 (Phosphate)	--	29039	500 ml x 01	SD Fine Chem.
5	Buffer Solution pH 9.0 (Borate)	--	29041	500 ml x 01	SD Fine Chem.
6	Calcein Powder	$\text{C}_{10}\text{H}_2\text{N}_2\text{O}_{11}$	-----	500g x 01	Any Brand
7	Calcium Carbonate	CaCO_3	37579	500 gm. x 01	SD Fine Chem.
8	Calcium Sulphate Anhydrous	CaSO_4	37624	500 gm x 01	SD Fine Chem.
9	Carbon Tetra Chloride	CCl_4	-	500 ml x 01	Any Brand.
10	Chlorobenzene	$\text{C}_6\text{H}_5\text{Cl}$	37690	500 ml x 01	SD Fine Chem.
11	Dimethyl Sulfoxide	$\text{C}_2\text{H}_6\text{OS}$	-	500 ml x 01	Any Brand
12	Ferrion Indicator	$\text{C}_{16}\text{H}_{24}\text{FeN}_6$	20187	5 g x 01	SD Fine Chem.
13	Filter Paper 125 Mm	-	-	01 packet (100 pc)	Any Brand
14	Glycerine	$\text{C}_3\text{H}_8\text{O}_3$	20118IP	500ml x 01	SD Fine Chem.
15	Grease (High Vacuum Silicone Grease))	-	43135	50 g x 01	SD Fine Chem.
16	Hexamethylenediamine (HMD)	$\text{C}_6\text{H}_{16}\text{N}_2$	39719	250 ml x 01	SD Fine Chem.
17	Hexamethylenetetramine (HMTA)	$\text{C}_6\text{H}_{12}\text{N}_4$	38483	500gm x 01	SD Fine Chem.
18	Hydrazine Sulphate	$\text{H}_2\text{N}_2\text{O}_4\text{S}$	38503	100gm x 01	SD Fine Chem.
19	Hydroxylamine Hydrochloride	HONH_2HCl	38523	100 g x 01	SD Fine Chem.
20	Magnesium Sulphate (Uh)	MgSO_4	39118	500 g x 01	SD Fine Chem.
21	Manganous Sulphate Monohydrate AR	$\text{MnSO}_4 \cdot \text{H}_2\text{O}$	20355	500g x 01	SD Fine Chem.
22	Mercuric Sulphate	HgSO_4	30174	25 g x 01	SD Fine Chem.
23	Methyl Orange Indicator	$\text{C}_{14}\text{H}_{14}\text{N}_3\text{NaO}_3\text{S}$	31020	125 ml x 02	SD Fine Chem.
24	Methyl Red Indicator pH Solution	$\text{C}_{15}\text{H}_{15}\text{N}_3\text{O}_2$	31022	125 ml x 01	SD Fine Chem.
25	Methylthymol Blue Indicator	$\text{C}_{17}\text{H}_{14}\text{N}_2\text{O}_{13}\text{S}$	45027	125 ml x 01	SD Fine Chem.
26	Potassium Nitrate	KNO_3	39638	500 g x 01	Any Brand
27	Potassium Chloride pH	KCl	39594	500 g x 01	SD Fine Chem.
28	Pyrogallol	$\text{C}_6\text{H}_3(\text{OH})_3$	20228	100 g x 01	SD Fine Chem.
29	Sodium Aluminate	NaAlO_2	-----	10 g x 01	Any Brand
30	Sodium Azide	NaN_3	40111	100 g x 01	SD Fine Chem.
31	Starch Soluble (Potato) AR	--	20271	500 g x 01	SD Fine Chem.
32	Sulphuric Acid	H_2SO_4	40325	1 lit. x 01	SD Fine Chem.
33	Toluene Rectified LR	$\text{C}_6\text{H}_5\text{CH}_3$	40452	500 ml x 01	SD Fine Chem.
34	Triethanol Amine (TEA)	$\text{C}_6\text{H}_{15}\text{NO}_3$	40501	500 ml. x 01	Any Brand
35	Carboxylic acid	-	-	500 gm. x 01	SD Fine Chem.
36	Mercury	Hg	-	500gm x 01	SD Fine Chem.
37	Diesel	-	-	1000ml x 01	Any Brand
38	Petrol	-	-	1000ml x 01	Any Brand
39	Iodine Monochloride	-	-	500 g x 01	SD Fine Chem.
40	Sodium, chloride	NaCl	-	1 kg x 01	Any Brand
42	Mercuric sulphate	-	-	100 g x 01	SD Fine Chem.
43	Benzidine hydrochloride	-	-	100 g x 01	SD Fine Chem.
44	bromide	H_5BO_3	-	500 g x 01	SD Fine Chem.
45	Isopropyl alcohol	-	-	1000 ml x 02	Any Brand
46	Silver nitrate	AgNO_3	-	500 g x 01	SD Fine Chem.
47	Sodium azide	NaN_3	-	100 g x 01	SD Fine Chem.
48	Mono Potassium phosphate	-	-	100 g x 01	SD Fine Chem.
49	Di Potassium phosphate	-	-	100 g x 01	SD Fine Chem.
50	Di sodium phosphate	-	-	100 g x 01	SD Fine Chem.
51	Di sodium hydrogen phosphate	-	-	100 g x 01	SD Fine Chem.
52	Calcium chloride	-	-	100 g x 01	SD Fine Chem.
53	ferric chloride	-	-	100 g x 01	SD Fine Chem.
54	Potassium dicromate	-	-	100 g x 01	SD Fine Chem.
55	Silver sulphate	Ag_2SO_4	-	100 g x 01	SD Fine Chem.

LIST OF GLASSWARES/MISC. CONSUMABLES for year 2023-2024

(Glassware must be made from Borosilicate glass and brand may be BOROSIL /JSH/ASCO etc.)

Glassware must be made from Borosilicate glass and brand may be BOROSIL (ISIL/ASCO etc.)		
SN	Name of the glassware/Lab ware/Accessories	Qty.
Glassware		
1	Bottles, Relative density, 25 ml, with capillary bore interchangeable Teflon stopper	5
2	Burette with pinchcock, 50 ml	40
3	Conical Flask, 500 ml	10
4	Crucible 25 ml, without lid quartz, 47 x 30 mm	3
5	Eppendorf 2 ml (Centrifuge tube)	2
6	Finger clamp (fine pressure die casted)	2
7	Flask, Kjeldal, with stopper, 500 ml	1
8	Flasks, Volumetric, 250 ml, with Interchangeable Solid Glass Stopper Accuracy as per Class B	4
9	Glass Beads, Round Transparent up to 2mm size	500 g
10	Glass Dropper, 30 ml	4
11	Manometer, U Tube, Scale Range 180 - 200 mm, without manometric fluid	10
12	Sample bottle ordinary 25 ml capacity 36 x 70 mm approx	5
13	Sealant (Wax use for glass assembly sealing)	250 g
14	Separating Funnel 250 ml, Pear Shape, Fitted with Boroflo Stopcock with PTFE Key and Interchangeable Stopper, 24-29 mm)	4
15	Stefan Tube, Standard size, for diffusivity experiment	2
16	Thermometer -10 °C to 110 °C measurement	10
17	Thermometer 0 °C to 250 °C measurement	3
18	Thermometer 0 °C to 360 °C measurement	4
19	Tray rigid rectangular 350 x 200 x 58 (Approx)	1
20	U tubes with 300 mm limbs, 6-12 mm bore	1
21	Alloy material samples, 150 mm x 150 mm sheet size for teaching purpose, Stainless steel, Bronze, Chromel, Monel, Nichrome etc	1 Pkt
22	Chemical Jerry Can, 20-50 liter capacity, with screw cap	1
23	Coal	1 Kg
24	Different crystal structure samples for teaching purpose Cubical, tetragonal, hexagonal, orthorhombic, monoclinic, triclinic etc.	1 Pkt
25	Ear Muff (Ergonomic, Head mountable, adjustable)	1
26	Ear plugs (13x 24 mm size, foam material)	2
27	Glass Plate 1' x 1'	2
28	Hand Gloves (Chemical Resistant, Nitrile rubber material, 12-14" size)	2 Pair
29	Heating Mantle - 500 ml capacity Non rusting aluminum housing - Powder Coat Finish, Thick hand knitted fiber glass netting, High density glass wool insulation, Energy regulator - Power controller, Maximum surface temperature 350°C, High grade chrome plated Nichrome heating elements, Operates on 230 Volts AC Single phase 50 Hz, suitable for 500 ml round bottom flask.	3
30	Magnetic bar, 2" length, 1" width approx.	2
31	Magnetic material samples for teaching purpose Cobalt, Hematite etc	1 Pkt
32	Magnetic stirrer bars - octagonal with molded pivot angular surface, 8 x 20 mm	2
33	pH paper (0-14)	2 Pkt
34	Psychometric Wall Chart (Standard size)	1
35	PVC transparent tubing superior quality 6.3 x 1.5 mm	10 mt
36	Retort Ring (with boss head size 3")	2
37	Round shape electrical heater (Approx. 300 to 500 w)	2
38	Rubber Cock borer (made up of brass, chrome plated)	1 set
39	Rubber corks (Different sizes)	10 mt
40	Rubber hose for hot water in laboratory 10 mm bore	2
41	Safety goggles (Chemical Safety, PVC material)	2
42	Safety Helmet (With polycarbonate face shield, PVC material for helmet, Industrial purpose, White or yellow color)	1
43	Screw clip made of thick electroplated brass 12 mm	2
44	Stop Watch, Digital display hour, minute, second	5
45	Beaker, 250 ml	5
46	Beaker, 500 ml	5
47	Measuring cylinder, 10 ml	2
48	Measuring cylinder, 50 ml	10
49	Reflux apparatus, 500 ml	5
50	Whatman filter paper (46)	2
51	Burette stand	50
52	Conical Flask, 100 ml	40
53	Measuring cylinders (10 ml)	10
54	Burette, 25 ml	2
55	Magnetic needle, 2cm	10
56	Porcelain disc, 150 ml	2