



VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA
SAMBALPUR-768018, ODISHA

TENDER CALL NOTICE

No.VSSUT/Chem/5187/16

Date:20.01.2016

Sealed quotations are invited from the firms with VAT clearance certificate, copy of PAN card, for the supply of chemicals, glass wares and instruments for the Department of Chemistry, VSSUT Burla. This would reach the office of the undersigned through speed or registered post by 08 Feb. 2016, 5PM. For details, visit the University: www.vssut.ac.in or contact HOD Department of Chemistry.

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REGISTRAR

Memo no: No.VSSUT/Chem/5188(3)/16

Date:20.01.2016

Copy to:

1. M/s Display Line, 219, Sahid Nagar, Bhubaneswar 751007, with a request to publish the above advertisement in one issue of the all Odisha daily edition of SAMAJ and the TIMES OF INDIA (Odisha, Kolkata, Delhi, Visakhapatnam, Ahmadabad edition) on or before 22/01/2016 at the I & PR approved/ lowest rate. The bill may be sent in triplicate along with a copy of the paper in which the publication is made.
2. Dean Faculty Planning, with a request to arrange displaying the content in the University website.
3. Comptroller of Finance, VSSUT Burla.
4. PA to Registrar, VSSUT Burla.
5. Head of the Department, Chemistry, VSSUT Burla.
6. University Notice Board.

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20/1/16

REGISTRAR

List of Glassware

Serial No.	Glass ware
1	Beaker (100)
2	Beaker (250ml)
3	beaker (500ml)
4	Blow pipe 10'
5	BOD Bottle 300ml
6	Blue glass 2" x 2"
7	Burette stand plastic
8	burette 50 ml tarson
9	Crusible with lid silica
10	conical flask 100 ml
11	conical flask 250 ml
12	disposable pipettes
13	dropper
14	filter flask
15	filter paper
16	filter paper ordinary
17	Fixed paddle Stirrer JSGW shaft dia 6mm , length 600mm
18	Funnel
19	glass rod
20	Glass tube
21	Ground glass joint RB Flask (250ml, 500ml, 1000ml) with Reflux condenser
22	Ground glass joint RB Flask (250ml, 500ml, 1000ml) with distillation set up
23	Hard glass test tube fitted with stirrer
24	Ice Bath
25	Indicator bottle
26	leibig condenser ground glass joint
27	lessaigne tubes
28	Measuring Cylinder 500ml
29	Measuring Cylinder 100 ml
30	Measuring Cylinder 50 ml
31	Measuring Cylinder 10 ml
32	mortar and pastel
33	Pipette 10 ml
34	Pipette 20 ml
35	Pipette 50 ml
36	Reagent bottle 500ml
37	reagent bottles (300ml)
38	Sample Bottle 500ml
39	Separating funnel (250ml)
40	separating funnel (500ml)
41	small size pump
42	Spatula
43	stoppered glass bottles 250 mL

44	test tube holder
45	Test tubes
46	Thermometer 0-360C
47	Tripod stand cast iron black painted top, chrome screwed legs height 15cm
48	Tongs SS 8"
49	volumetric flask (1000ml)
50	volumetric flask (250 mL)
51	Volumetric flask (500ml)
52	volumetric flask 100 mL
53	Wash Bottle
54	Whatman No. 42 filter paper circle box of 100 circles size: 11.0 cm

List of Instruments

Serial No.	Name of Instrument
1	Bunsen Burner heavy base with brass stop cock
2	Digital Conductivity Meter
3	Digital pH Meter
4	BOD incubator
5	Vacuum pump with filtration assembly
6	Fluorimeter for detection of fluorine
7	Nephlo Turbidity Meter Turbidity Meter
8	Paper Chromatography Kit Ascending or Descending, made of teak wood & glass construction. It can accommodate two (troughs) and six glass rods. Cabinet size : 60 x 30 x 60 cm approx for 4 filter papers of 46 x 57 cm size
9	Polarimeter Auto Pol Digital Polarimeter fully automatic, one button reading with 10 cms & 20 cms tube
10	Potentiometer
11	Quartz Cell Quartz Cell with stopper 10 nm path
12	Solvent recovery assembly JSGW consists of R.B. Flask 250ml, recovery bend, sloping liebig condenser 400 mm, Receiver adapter bend with vent and R.B Flask 250ml
13	Soxhlet Apparatus (Soxhlet extraction consists of Flask, Extractor & Condenser. Extractor Capacity 100ml, Flask capacity 250ml
14	UV-Chamber Ultra Violet Fluorescence Inspection cabinet JSGW Dual wave, having filter fitted with separate low pressure mercury vapour tubes for short Ultra Violet (254 nm) and long UV (365 nm) plus separate lamp for visible light.
15	Muffel furnace 1200C
16	Victor Mayor Apparatus. JSGW with Copper Jacket and inner glass tube
17	Water Bath Water Bath rectangular thermostatic, double walled complete body of SS, Temp. Range 50C above ambient to 950C + 20C, controlled by thermostat, 6 holes of 7.5 cm dia with set of concentric rings. Size : 25 x 35 x 10 cm
18	Water Distillation Plant steel
19	Distillation Mantle 500ml
20	Distillation Mantle 1 lit
21	Distillation Mantle 2 lit
22	Distillation Mantle 5 lit
23	TLC Kit
24	Rotary evaporator
25	COD refluxing with glass assembly with condenser ground glass joint
26	Flame photometer
27	Autoclave
28	2.5µm dust sampler with filter paper and analysis kit
29	Silica crucible
30	Nickel crucible
31	Digital balance for heavy work (0.5 g to 5 kg)

List of Inorganic Chemicals

Serial No.	Name of Compound
1	Aluminum foil (pkt of 1 roll)
2	Ammonium hydrogen difluoride
3	Ammonium acetate
4	Ammonium Carbonate
5	Ammonium chloride
6	Ammonium chloride
7	Ammonium hydroxide
8	Ammonium iodide
9	Ammonium molybdate
10	Ammonium nickel sulphate
11	Ammonium oxalate
12	Ammonium sulphide
13	Barium Chloride
14	Barium hydroxide
15	Bismuth carbonate
16	Bromine (20ml)
17	Cadmium carbonate
18	Cadmium chloride
19	Calcium carbonate
20	Calcium chloride
21	Calcium chloride
22	Calcium fluoride
23	Calcium sulphate
24	Carbon tetrachloride
25	Chloroform
26	Cobalt nitrate
27	Cobalt sulphate
28	Conc Acetic acid
29	Conc HCl
30	Conc HNO ₃
31	Conc NH ₃
32	Cupric Carbonate
33	Cupric sulphate
34	Dimethyl glyoxine
35	di-Sodium hydrogen orthophosphate
36	di-Sodium orthophosphate
37	EDTA disodium salt
38	Erichrome Black T
39	Ethyl alcohol
40	Ferric chloride
41	Ferric sulphate
42	Ferrous sulphate
43	Hydrogen peroxide
44	Iodine crystal
45	Lead acetate
46	Lead chloride
47	Lead nitrate

48	Litmus paper (Pkt. of 200 lvs)
49	Magnesium carbonate
50	Magnesium chloride
51	Magnesium nitrate
52	Magnesium Sulphate
53	Magneson reagent
54	Manganese chloride
55	Manganese sulphate
56	Mercuric chloride
57	Mercurous Chloride
58	Methyl Orange 100gm
59	Methyl red indicator
60	Mohr's Salt
61	Nessler's reagent
62	Nickel carbonate
63	Oxalic acid
64	Phenolphthalein, 100gm
65	Phosphoric acid
66	Potassium Bromide
67	Potassium carbonate
68	potassium chloride
69	potassium chromate,
70	Potassium dichromate
71	Potassium dichromate
72	potassium ferrocyanide
73	Potassium iodide
74	Potassium permanganent
75	potassium pyroantimonate
76	Potassium thiocyanate
77	Silver nitrate
78	Silver phosphate
79	Sod hydroxide
80	Sod thiosulphate pentahydrate
81	Sodium thiosulphate
82	Sodium bismuthate
83	Sodium carbonate
84	Sodium Chloride
85	Sodium nitrate
86	Sodium nitrite
87	sodium nitroprusside
88	Sodium Oxalate
89	Sodium stannate
90	Sodium Sulphite
91	Stanus chloride
92	Starch soluble
93	Strontium chloride
94	Strontium nitrate
95	Urea
96	Zinc carbonate
97	Zinc chloride

List of Organic chemicals

Serial No.	Name of Compound
1	1,1,2,2,-Tetrachloroethane
2	1,2,-Dichloroethane (Ethylene chloride)
3	1,4-Dioxane
4	2,4-dinitro-chloro-benzene (1-C hloro-2,4-dinitrobenzene)
5	2,4-dinitrophenylhydrazine
6	2-naphthol
7	3,5-Dinitro benzoic acid
8	Acetaldehyde
9	Acetamide
10	Acetic acid 2.5 lit
11	Acetone
12	Acetonitrile
13	Acetyl chloride
14	alpha-naphthol
15	Anhrdrous Sodium sulphate
16	Aniline
17	Barfoed's reagent
18	Benzal dehyde
19	Benzene
20	Benzoic acid,
21	Benzyl chloride
22	Bromine
23	Calcium carbonate
24	Calcium chloride
25	Carbon disulphide
26	Carbon tetrachloride
27	Cerric ammonium nitrate
28	Chlorobenzene
29	Chloroform
30	Copper sulphate
31	Cuprous oxide
32	Cyclohexane
33	Dextrose
34	D-Fructose
35	Diethyl amine
36	Diethylether
37	Diisopropylether (iso-Propyl ether)
38	Ethyl acetate
39	Ethyl amine
40	Ethyl methyl ketone (Methyl ethyl ketone)
41	Fehling's solution –I
42	Fehling's solution –II
43	Ferric chloride
44	Ferrous sulphate
45	Formic acid
46	Fructose

47	Glucose
48	Glycine
49	Hydrazine sulfate
50	Hydroxylamine hydrochloride
51	Isoamyl alcohol,
52	Isopropyl alcohol
53	Lead acetate
54	Litmus paper (Pkt of 200 lvs)
55	Mercuric chloride
56	Mercuric oxide
57	Mercuric sulphide
58	Methanol,
59	Methyl acetate
60	Methyl amine
61	Methyl iodide
62	Methyl red indicator
63	Methylene blue indicator
64	Methylene chloride
65	Na metal
66	N-Amyl alcohol,
67	n-Butanol (n-Butyl alcohol)
68	n-Butylacetate
69	n-Heptane
70	n-Hexane
71	Nickel chloride
72	Nitrobenzene
73	NN-Dimethylformamide
74	n-Pentane,
75	n-Propylalcohol
76	Oxalic acid
77	phenol
78	phenolphthalein indicator
79	Phenyl hydrazine
80	Picric acid
81	p-Nitrotoluene
82	Potassium bromide
83	Potassium dichromate
84	potassium ferrocyanide
85	Potassium Hydroxide
86	Potassium iodate
87	Potassium iodide
88	Resorcinol
89	Salicylic acid
90	Schiff's reagent
91	Silicagel
92	Silver chloride
93	Silver nitrate
94	Sodium hydrogen sulphate

95	Sodium acetate
96	Sodium carbonate
97	Sodium hypochlorite
98	Sodium nitrate
99	Sodium nitrite
100	Sodium nitroprusside
101	Sodium thiosulphate
102	Starch soluble
103	sucrose
104	Tartaric acid
105	Tert- butyl alcohol
106	Tetrahydrofuran
107	Thymolphthalien
108	Toluene
109	Trichloroethylene,
110	Urea
111	Xylene
112	Xylene,
113	Zinc dust