



राष्ट्रीय प्रौद्योगिकी संस्थान मणिपुर
NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

Imphal, Manipur, Ph. (0385) 2058566* / 2445812

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An Autonomous Institute under MHRD, Govt. of India.

No. NITM.1/(147-Estt)/CivilDep/2016 - 1009

Date: 30.11.2016

To,

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Subject: Enquiry for supply of Chemicals, Gas and Glassware/Plastic ware for Environmental Engineering Laboratory, NIT Manipur.

Sir,

Please provide sealed rate quotation for supply of the following items as furnished below:

(A) Chemicals

Sl. No.	CHEMICALS	Qty (Nos.)
1.	Aluminium potassium sulphate, 500gm, SD Fine	03
2.	Aluminium ammonium sulphate, 500gm, SD Fine	02
3.	Aluminium sulphate, 500 gm, SD Fine	05
4.	Ammonium hydroxide / Ammonia Solution, 500ml, Merck	20
5.	Ammonium acetate, 500 gm, SD Fine	05
6.	Ammonium Persulphate 500gm, SD Fine	10
7.	Ammonium Persulphate 500gm, Rx	01
8.	RM309 - Ammonium oxalate 500gm, Himedia	01
9.	Ammonia Solution / Ammonium hydroxide, Merck	10
10.	Ammonium ferrous sulphate 500gm, Himedia	03
11.	Aniline AR, 500mL, SRL	10
12.	GRM026P - Agar agar 500gm, Himedia	05
13.	Alkaline-Arsenite, 500 gm, Merck, (Arsenic standard solution traceable to SRM from NIST H3AsO4 in HNO3 0,5 mol/l 1000 mg/l As CertiPUR®)	01
14.	Acetic acid Glacial, 500ml, Merck	05
15.	Acetone, 500 ml, Merck	10
16.	Arsenic trioxide, 500 gm, SD Fine	05
17.	Antimony Potassium Tartarate 500gm, CDH	01
18.	Boric Acid 500gm, Merck	02
19.	Bromocresol green indicator, 5gm, Merck	05
20.	Brilliant green, 100 gm, SD Fine	05
21.	Bromocresol purple, 25gm, HM	10
22.	Bromphenol blue, sodium salt, 5gm, Merck	01
23.	Barium chloride, 500gm, SD Fine	05
24.	Barium Hydroxide, 500gm, Merck	02
25.	RM002 - Beef extract 500gm, Himedia	05
26.	43019 - Bile salt 100gm, SDS	03
27.	M739 - Bile salt 100gm, Himedia	02
28.	Buffer tablet ph 4, Merck	03
29.	Buffer tablet ph 7, Merck	03
30.	Calcium chloride, 500gm, Merck	05

Sl. No.	CHEMICALS	Qty (Nos.)
31.	Casein 500 gm, Sigma	01
32.	Cadmium hydroxide, 25 gm, Alfa Aesar	03
33.	Calcium carbonate 500gm, Merk	03
34.	Calcium hypochlorite, 500gm	02
35.	Calcium hydroxide,500gm, HM	02
36.	GRM961 - Crystal violet 100gm, Himedia	02
37.	Copper Sulphate 500gm, Himedia	03
38.	Dipotassium hydrogen phosphate, K ₂ HPO ₄ , 500gm, Himedia	05
39.	Dipotassium hydrogen phosphate, K ₂ HPO ₄ , 500gm, SDS	01
40.	Di-phenyl Carbazide, 500gm	02
41.	Digital Electronic Balance Cap. 220gm, sensitivity 0.01gm with guard, citizen	01
42.	Digital BOD analysis Oxi Top 1S-6 or IS-2, WTW208210 OXI top IS-6, BOD measuring instruments for self check with measuring units	01
43.	Dextrose 1kg, CDH	01
44.	Na ₂ HPO ₄ Disodium hydrogen phosphate, 500G, Merck,	05
45.	EDTA, magnesium salt, 100 g, HM	01
46.	Erichrome black T 25gm, Merk	04
47.	Ethyl alcohol (Absolute) 500ml, GR, ACS, Merck	01
48.	Ferric chloride,500 gm, HM	05
49.	FeSO ₄ , 500gm, SRL	02
50.	Ferrous ammonium sulphate, 500gm	05
51.	Ferroun indicator, 100ml, Merck	01
52.	Filter Paper whatman no. 4	02
53.	Glass Fibre Filter Paper	03
54.	Glucose, 500gm, SRL	05
55.	Glutamic acid,250gm, Merck	05
56.	Gloves	01
57.	Hydrochloric acid, 2.5 lts, HM	10
58.	Hydroxylamine,100 gm, Merck	01
59.	Hydrogen peroxide,500gm, Merck	03
60.	Hydrazine sulphate,100 gm, SD Fine	05
61.	Hexamethylenetetramine, (Hexamine) 500gm, SD Fine	03
62.	Hach make FR COD digestion vail ULR pk/25	01
63.	Hach make RR COD digestion vail ULR pk/25	02
64.	Heating Mantle 1000ml, JSGW	01
65.	Iodine AR 500gm, Sigma	01
66.	L-Ascorbic Acid, 100mg, Himedia	03
67.	Lactose AR, 500gm, SRL	05
68.	Lauryl Tryptose Broth	03
69.	Magnesium chloride,500gm, SD Fine	05
70.	Manganous sulphate, AR, SRL	05
71.	Mercuric acetate, 500Gm, SRL	01
72.	Methanol, 2.5 l, Merk	10
73.	Methyl orange indicator,125ml, Merck	05
74.	Magnesium sulphate, 500gm , Merck	05
75.	Mercuric sulphate, 250gm, SD Fine	01
76.	Metacresol purple indicator,500gm, Alfa Aesar	01
77.	Murexide(ammonium purpurate) indicator, 500g, SRL	01
78.	Mercury Metal 250gm, Himedia	01
79.	Methyl Orange indicator 125ml	01

Sl. No.	CHEMICALS	Qty (Nos.)
80.	4-methylumbelliferyl- β -D-glucuronide, 100Mg, Sigma Aldrich	01
81.	N-(1-naphthyl)-ethylamine,5gm, Alfa Aesar	01
82.	Nitric Acid, 500ml	05
83.	Ortho Phosphoric acid 500ml, Rx	01
84.	X gall, 500 gm, Sigma Aldrich	01
85.	Peptone, 500 gm, SRL	01
86.	Polyethylene glycol p-isooctylphenyl ether (Triton® X-100), Aesar	01
87.	Potassium dichromate,500gm, SRL	05
88.	Phosphate buffer solution, 500mL, SRL	05
89.	Potassium chromate,500gm, SD Fine	01
90.	Potassium chloride, 500gm, HM	05
91.	Phosphoric acid,500ml, Merck	05
92.	Potassium nitrate,500gm, HM	05
93.	Potassium permanganate,500gm, Merck	03
94.	Potassium dihydrogen phosphate 500gm, SRL	05
95.	Potassium metabisulphate 500gm, SDS	01
96.	I, 10-phenanthroline monohydrate, 25gm	01
97.	Potassium hydrogen phthalate, 500gm, SD Fine	03
98.	Potassium Iodide,100gm, HiMedia	05
99.	Phenolphthalein 125ml, Merk	02
100.	Phenanthroline monohydrate 25gm	01
101.	39571 - Polyethylene glycol 500ml, SDS	05
102.	S2023 - Safranin stain solution 125ml, Rx	02
103.	Sodium carbonate,500gm, Merck	05
104.	p-phenylenediamine,5000gm, Alfa-Aesar	03
105.	Silver nitrate, 100g, SD Fine	05
106.	Sodium Sulphite,500gm , SD Fine	03
107.	Sodium sulphate AR 500gm, Rx	02
108.	Sodium carbonate AR 500gm, Rx	03
109.	Silver sulphate, 25gm, Merck	02
110.	Silica gel indicating 500gm, Rx	02
111.	Silica gel 100-200 mesh, 500gm, Rx	02
112.	Sodium hydroxide, 500gm, Merck	05
113.	Sodium hydroxide, 500gm pellet 500gm, Merk	03
114.	Sodium lauryl sulphate, 250gm, Omnipur, Merck	01
115.	Sodium chloride,500gm, HM	05
116.	Sodium sulphate,500gm , Avantor	05
117.	Sodium acetate,500 gm, HM	05
118.	Sodium iodide,NaI, 100gm, Merck	02
119.	Sodium azide, 100gm, SD Fine	05
120.	Starch soluble,500gm , Merck	01
121.	Sulfanilamide,500gm, HM	01
122.	Sodium Oxalate,500gm, SD Fine	02
123.	Sodium Nitrite,500gm,Avantor	02
124.	Sodium thiosulfate,500gm, SD Fine	05
125.	Sodium nitroprusside dihydrate 500gm, Himedia	02
126.	S-316 Solvent, Chlorotrifluoroethylene, 1.5Kg, C.Parmer	01
127.	Trichloromethane (Chloroform),500mL, SD Fine	05
128.	Tryptose or trypticase, 500 gm, Sigma Aldrich	01
129.	Tetra chloromercurate, 100G, Sigma Aldrich	01

Sl. No.	CHEMICALS	Qty (Nos.)
130.	Thermometer	02
131.	Tissue Rolls	02
132.	Tissue Paper	02
133.	023899 - Yeast extract powder 500gm, CDH	05


(B) Gas

Sl. No.	Gas	Qty (Nos.)
1.	Cost of "UHP Dissolved Acetylene Gas" Purity: 99.9%. Capacity: 7.00 M3 of gas in each cylinder (41.00 Ltrs. W.C. Cylinder) ; b) Cost of Empty Cylinder with Valve ; c) Along with Packing/ Forwarding and Freight charges (Certificate copy by Chief Controller of Explosive (CCOE), Nagpur)	01
2.	Cost of "UHP Argon Gas" Purity: 99.999%. Capacity: 7.00 M3 of gas in each cylinder (47.00 Ltrs. W.C. Cylinder) ; b) Cost of Empty Cylinder with valve. ; c) Along with Packing/ Forwarding and Freight charges (Certificate copy by Chief Controller of Explosive (CCOE), Nagpur)	01
3.	Cost of "Nitrous Oxide Gas" Capacity: 17.00 M3 of gas in each cylinder (47.00 Ltrs. W.C. Cylinder) ; b) Cost of Empty Cylinder with Valve c) Along with Packing/ Forwarding and Freight charges (Certificate copy by Chief Controller of Explosive (CCOE), Nagpur)	01

(C) Glassware/Plastic ware and other

Sl. No.	Glassware/Plastic ware	Qty (Nos.)
1.	Specimen Tubes, 20ml	10
2.	Specimen Tubes, 30ml	10
3.	Test tubes, 30ml	40
4.	Brown Reagent Bottle, 500ml	05
5.	Quartz Crucible 50ml, Borosil	02
6.	Silica Crucible 50ml, Borosil	02
7.	Volumetric flask 500ml, Borosil	10
8.	Volumetric flask 250ml, Borosil	10
9.	Volumetric flask 100ml, Borosil	10
10.	Volumetric flask 50ml, Borosil	10
11.	Round Bottom Flask 1000ml, Borosil	03

Yours sincerely,



(R.K. Lalit Singh)
Registrar NIT, Manipur

Terms & Conditions:

1. Quotation should reach Registrar, NIT Manipur, Langol on 15.12.2016 at 3:00 P.M.
2. The envelope should be superscribed as "Quotation for supply of Chemicals, Gas and Glassware/Plastic ware for Civil Engineering Department".
2. Prices must be inclusive of taxes.
3. Prices must be F.O.R NIT Manipur Stores, Langol, Imphal.

Copy to:

1. Member, Purchase Committee
2. Technical Officer, NIT Manipur for uploading in website
3. CF/GF