



राष्ट्रीय प्रौद्योगिकी संस्थान, मणिपुर  
NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR  
Langol, Imphal, Manipur, Ph. (0385) 2058566/ 2445812

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An Autonomous Institute under MoE, Govt. of India.

No. NITM.1/(255-Estt)/Purchase/2022/1470

Imphal, the 7<sup>th</sup> November, 2023

To,

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Subject: **Enquiry for supply of laboratory equipment and chemicals.**

Sir,

Please provide sealed rate quotation for supply of laboratory equipment and chemicals enclosed as Annexure "A":

**Terms & conditions:**

1. Quotation should reach NIT Manipur, Langol on or before 25.11.2023 at 04.00 PM
2. Prices must be inclusive of taxes.
3. Prices are F.O.R NIT Manipur, Langol.

Yours sincerely

(Prof. Kh. Tomba Singh)  
Registrar, NIT Manipur

Copy to:

1. P.S to Director (i/c) for kind info. of Director (i/c), NIT Manipur.
2. Members of IPC, NIT Manipur
3. HOD, Chemistry Dept.
4. Store Keeper, NIT Manipur.
5. CF/GF.

## Annexure - "A"

## List of Chemicals and Glassware:-

Sl. No.	Description of Goods	Volume	Quantity	Rate (Rs)	Total Amount (Rs)
1.	Methanol	25 L	3		
2.	Ethanol	2.5L	1		
3.	Dichloromethane (DCM)	25 L	1		
4.	Acetone	2.5 L	1		
5.	Sodium Sulphate	500gm	3		
6.	Hydrochloric Acid	2.5 L	1		
7.	Sulphuric Acid	2.5 L	1		
8.	Propan-2-ol	2.5	2		
9.	Dimethyl sulphoxide	500 mL (SRL)	1		
10.	Pyridine-2 carboxyaldehyde	25 g (Sigma)	1		
11.	n-Hexane (HPLC)	1L	5		
12.	Hexane	25 L	3		
13.	Ethylenediamine	500 mL	1		
14.	Ruthenium trichloride	1 g (sigma)	1		
15.	Tetrahydrothiophene	500 mL (TCI)	1		
16.	Nickel Bromide Trihydrate	250g	1		
17.	Propionic acid	500 mL (SRL)	1		
18.	Nitric Acid	2.5 L	1		
19.	Chloroauric acid	500 mg	2		
20.	CTAB	500 g	1		
21.	EDTA	500g	1		
22.	Diethylene glycol	2.5L	1		
23.	3, 4 diamino benzoic acid	25 g (TCI)	1		
24.	Trifluoroacetic acid	100 mL	1		
25.	Butanol	1L	1		
26.	Ethylacetate	25L	2		
27.	Diethyl-ether	1L	1		
28.	N-hydroxy succinamide	100 g (SRL)	1		
29.	Glacial Acetic acid	2.5L	2		
30.	Acetonitrile	2.5	1		
31.	Nitric Acid	500 mL	1		
32.	Sodium Chloride	500gm	2		
33.	Sodium perchlorate monohydrate	100gm	1		
34.	Sodium bicarbonate	5Kg	1		
35.	Sodium hydroxide pellets	500g	3		
36.	Whatman filter paper	1 packet	2		
37.	1,10 Phenanthroline	25gm	1		
38.	THF	1 L	5		
39.	Toluene	2.5 L (SRL)	1		
40.	Poly vinyl pyrrolidone	100 g (SRL)	1		
41.	Phosphate buffer saline	10 packet	1		

		(sigma)			
42.	Silver hexafluorophosphate	1g	1		
43.	TLC Silica gel 60 F <sub>254</sub>	-	2		
44.	Silicon Oil	2.5L	1		
45.	Beaker	1000 mL	7		
		100 mL	40		
		250 mL	21		
46.	Round Bottom Flask	125 mL	40		
47.	Funnel	35 diameter	21		
48.	Separating Funnel	250 mL	12		
		125 mL	1		
49.	Conical Flask	250 mL	21		
50.	Measuring Cylinder	1000 mL	2		
		500 mL	5		
51.	Condenser (Spiral graham coil)	High 450 mm Jacket length 300 mm	5		
52.	Filter assembly Silicone Stopper	No.8 No.5	1 PKT 1 PKT		
53.	Magnetic Stirrer (With heating)	-	3		
54.	Fractionating column (Condenser) VIGREX	Effective length 600mm	1		
55.	Fractionating column(Condenser) PEARBULB	Effective length 250 mm	1		
56.	Chromatography Column with integral sintered disc and screw type ptfе needle valve stop cork	Effective length =50 Diameter = 30	5		
57.	Gloves	-	1 PKT		
58.	Eppendorf ( Micro-centrifuge Tube)	1.5 0.5	1 PKT 1 PKT		
59.	UV Cuvette	-	1		
60.	Stop Cock	3 way	6		