



NATIONAL INSTITUTE OF TECHNOLOGY SIKKIM

Ravangla Campus

Barfung Block, Ravangla Sub Division, South Sikkim-737139

Notice Inviting Quotation

NIQ No.: 53/NITS/Basic Science/Purchase of Chemicals/2017-18/October dated October 12, 2018

Last Date for Submission: 12th October 2018

NIT Sikkim invites quotation in sealed envelope for the total price **F. O. R. NIT Sikkim, Ravngla Campus** for the enlisted chemicals with given reference addressing **Head, Department of Chemistry, NIT Sikkim, Ravangla, South Sikkim-737139**. Vendors should make sure that they will be able to **quote the price of all Chemicals** with mentioned volume/quantity for quoting and unit price the **minimum total price**.

BIDDERS MUST BID FOR ALL THE ITEMS IN A GROUP. INCOMPLETE BIDS WILL NOT BE ACCEPTED. SINCE PRICES ARE TO BE COMPARED IN A “GROUP” BASIS, INCOMPLETE BIDS CANNOT BE COMPARED. The lowest bidder will be determined on the basis of lowest grand total for all the items put together for the particular Group. BIDDERS

Group – I: Inorganic Chemicals								
Sl No	Name	Weight / Volume	Qty. Reqd.	Brand (Fill-in)	Unit Price (Fill-in)	Total Amount (Fill-in)	Applicable GST Amount (Fill-in)	Grand Total inclusive of all (Fill-in)
1.	Iron(III) chloride	500 gm	1					
2.	Sodium bismuthate	100 gm	1					
3.	Lead dioxide	500 gm	1					
4.	Copper(II) sulfate	500 gm	1					
5.	Ammonium sulfate	500 gm	1					
6.	Ammonium oxalate	500 gm	1					
7.	Potassium Ferrocyanide	500 gm	1					
8.	Potassium Chromate	500 gm	1					
9.	Barium chloride	500 gm	1					
10	Ammonium Molybdate	500 gm	1					
11	Iron(II) sulfate	500 gm	1					
12	Zinc Dust	500 gm	1					



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13	Magnesium nitrate	500 gm	1					
14	Manganese dioxide	500 gm	1					
15	Sodium Nitroprusside	100 gm	1					
16	Sodium Nitrite	500 gm	1					
17	Manganese(II) Sulphate	500 gm	1					
18	Calcium oxide	500 gm	2					
19	Strontium sulphate	500 gm	1					
20	Aluminium sulphate	500gm	1					
21	Lead(II) sulphate	500 gm	1					
22	Potassium Bromide	100 gm	1					
23	Potassium Ferricyanide	500 gm	1					
24	Manganese (II) chloride	500 gm	1					
25	Cadmium carbonate	100 gm	1					
26	Silicon oil	250 ml	1					
27	Copper(II) nitrate	250gm	1					
28	Tin(II) chloride	100 gm	1					
29	Ortho Phosphoric acid	500 ml	1					
30	Triethanolamine	500 ml	1					
31	Potassium thiocyanate	500 gm	1					
32	BORAX	500 gm	1					
33	Sodium perborate	1 kg	1					
34	Iron(II)Sulfide	1Kg	2					
35	Ammonium chloride	500 gm	1					
36	Ammonium Acetate	500 gm	1					
37	Ammonia	2.5 L	1					
38	Potassium hydroxide	500 gm	1					
39	Sodium hypochlorite	1 lit	1					



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40	Zinc sulfate	500 gm	1					
41	Magnesium nitrate	500 gm	1					
42	Oxalic Acid	1Kg	1					
43	Sodium nitrite	500 gm	1					
44	Calcium Phosphate	500 gm	1					
45	Mercury(II) iodide	25 gm	1					
46	Boric acid	500 gm	1					
47	Barium sulfate	500 gm	1					
48	Lead(II) nitrate	500 gm	1					
49	Strontium nitrate	500 gm	1					
50	Calcium fluoride	500 gm	1					
51	Barium nitrate	500 gm	1					
52	Arsenic trioxide	500 gm	1					
53	Dimethyl glyoxime	100gm	1					
54	Lead Acetate	500 gm	1					
55	SODIUM THIOSULPHATE PURIFIED (HYPO) PENTAHYDRATE	500gm	1					
56	Potassium persulfate	500 gm	1					
57	Potassium nitrate	500 gm	1					
58	Ferroun	100ml	1					
59	Sodium acetate	500 gm	1					
60	Sodium dihydrogen phosphate	500 gm	1					
61	Pt-Wire / Nichrome wire	Stand.	5					
62	Kipps Apparatus	1 Lit.	1					
63	Charcoal Block	Box	10					
64	Blow Pipe	NA	10					



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65	Spatula SS (one end flat and one end spoon)	NA	10						
66.	Gas Burners	NA	5						
Grand Total Amount: (Rupees								Only)	

Group – II: Organic Chemicals								
Sl No	Name	Weight / Volume	Qty. Reqd.	Brand (Fill-in)	Unit Price (Fill-in)	Total Amount (Fill-in)	Applicable GST Amount (Fill-in)	Grand Total inclusive of all (Fill-in)
1	ACETANILIDE >98% puriss for synthesis	500G	1					
2	BENZANILIDE > 98% puriss for synthesis [93-98-1]	100G	1					
3	ALLYL BROMIDE (3-BROMOPROPENE) >98% puriss for synthesis	100ML	1					
4	ANTHRACENE >95% pract	250G	1					
5	PHENANTHRENE > 99% puriss for synthesis	100G	1					
6	BENZALDEHYDE ACS, ISO	500ML	1					
7	HYDROXYLAMINE HYDROCHLORIDE >99%	500G	1					
8	MALEIC ANHYDRIDE puriss AR	100G	1					
9	RESORCINOL	250G	1					
10	PYRIDINE ACS, ISO	1000ML	1					



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11	TRIETHYLAMINE anhydrous 99+% (GC)	500ML	1					
12	DIETHYLAMINE AR	500ML	1					
13	BROMINE > 98% puriss	250ML	1					
14	HYDROBROMIC ACID ~ 30 - 33% in glacial Acetic Acid	500ML	1					
15	FURAN > 98% puriss for synthesis	100ML	1					
16	MALEIC ACID puriss AR [110-16-7]	100G	1					
	MONTMORILLONITE K-10 puriss for synthesis [1318-93-0]	250G	1					
17	BENZOPHENONE Cryst>99% puriss for synthesis	500G	1					
18	Benzil 99%	250G	1					
19	PHOSPHOROUS (RED)	500G	1					
20	THIAMINE CHLORIDE HYDROCHLORIDE FOR BIOC	25g	1					
21	ETHYLACETOACETAT E >99% (GC)	1000ML	1					
22	ETHYLCYANOACETAT E	500G	1					
23	3,5- DINITROSALICYLIC ACID	100G	1					
24	Salicylic acid 99% Extra pure	500G	2					
25	Salicylaldehyde	100mL	1					
26	Ammonium ceric nitrate	100G	2					
27	Iodine resublimed 99.8%	100G	1					



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28	1-Naphthol 99% AR	500G	1					
29	2-Naphthol 99% AR	500G	1					
30	CYCLOHEXENE > 98% puriss for synthesis [110- 83-8]	500ML	1					
31	ALIQUAT 336	250ML	1					
32	INDOLE (1-H- Benzo(b)pyrrole) 99%	100G	1					
33	2-METHYLINDOLE >98% puriss for synthesis	25G	1					
34	5-BROMOINDOLE cryst. 99% puriss for synthesis	25G	1					
35	Potassium hydrogen sulphate	500mL	1					
36	Urea 99.5% AR	500G	1					
37	Thiourea 99%	500G	1					
38	Ammonium formate 98% AR	500G	1					
39	Petroleum Ether (60- 80°C)	25 Lit.	2					
40	Dichloromethane	25 Lit.	1					
41	Ethyl acetate	25 Lit.	1					
42	Chloroform	25 Lit.	1					
43	ACETONITRILE for HPLC	1000ML	2					
44	NITROMETHANE >98% AR	100ML	1					
45	TRIFLUOROACETIC ACID >99% (T) LR	100G	1					
46	Carbon tetrachloride	500mL	1					
47	Methanol	2.5 Lit.	2					



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48	tert-BUTANOL >99.5% puriss AR	500ML	1					
49	PIPERIDINE >99% AR	250ML	1					
50	MALONONITRILE (Dicyanomethane) >98% (GC)	500G	1					
51	TERT-AMYL ALCOHOL >98% (2- Methyl-2-butanol) puriss for synthesis [75-85-4]	250ML	1					
52	ISOPROPANOL >99.5% AR	1000ML	1					
53	PHTHALIMIDE > 98% puriss for synthesis [85- 41-6]	Spectroc hem; 500G	1					
54	PHTHALIC ANHYDRIDE FOR SYNTHESIS	500G	1					
55	PYRROLE >99%	100ML	1					
56	FURAN > 98% puriss for synthesis	100ML	1					
57	Benzene	2.5 Lit.	2					
58	TETRAHYDROFURAN AR >99.5%	1000ML	2					
59	LITHIUM ALUMINIUM HYDRIDE (LAH)	10G	2					
60	CALCIUM HYDRIDE granular pure AR	25G	2					
61	SODIUM HYDRIDE ~ 55-60%	100G	1					
62	Benzyl bromide 98%	250G	1					
63	Methyl iodide 99%	100mL	1					
64	ETHYL BROMIDE (Bromoethane) >98%	250ML	1					



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65	TRIMETHYLSILYLAC ETYLENE > 98% puriss for synthesis [1066-54-2]	25G	1						
66	SUCCINIC ANHYDRIDE > 98% puriss for synthesis [108- 30-5]	100G	2						
67	N- BROMOSUCCINIMIDE ~ -99% (T)	100G	2						
68	Thiophenol	250ML	1						
69	DESS MARTIN PERIODINANE	25G	1						
70	a,a'- AZOISOBUTYRONITRI LE (AIBN, 2,2'- Azobis(2- methylpropionitrile)) > 98% puriss	100G	1						
71	TRIMETHYLSILYLTRI FLATE (TMS- OTf, Trimethylsilyltrifluor omethanesulphonate) > 99 %	25G	1						
72	Di-tert- BUTYLPYROCARBON ATE > 99.5% (GC)	100G	1						
73	<i>n</i> -Butyllithium, 1.6M in hexane, packaged in resealable septum cap bottle	100 mL	1	Across; ALF- L13559- AE					
74	Silica gel F294 – Aluminium plate	25 pcs / 1 Pkt	1	E.Merck					
75.	<i>n</i> -Propyl iodide	100 mL	1						
Grand Total Amount: (Rupees								Only)	



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Sl No	Name	Weight / Volume	Qty. Reqd.	Brand (Fill-in)	Unit Price (Fill-in)	Total Amount (Fill-in)	Applicable GST Amount (Fill-in)	Grand Total inclusive of all (Fill-in)
1	Pet Ether 60-80	25 Lit	6					
2	Ethyl Acetate	25 Lit	3					
3	DCM	25 Lit	2					
4	Acetone	25 Lit	2					
5	THF	25 Lit	1					
6	Chloroform	25 Lit	1					
7	TLC Plate	1 Pkt	3					
8	Vinyl Magnesium Bromide(2M)	100 ml	3					
9	ⁿ BuLi(1.5 M)	100 ml	3					
10	D Manitol	500 gm	2					
11	D Sorbitol	500 gm	2					
12	Trimethylsulphoxonium	100 gm	1					

Any brand means reputed chemicals brand such as Aldrich, AlfaAesar, Fluka, Merck, Spectrochem, Ranchem, SRL, Loba, Sd Fine, Avra,etc., which are well known in the market. For few specified brands mentioned, the product must be from that mentioned brand.

Terms and Conditions:

- 1. Lowest Price Determination:** The bidder must have to bid for all the items in a particular. This means either you can bid for either Group I / Group II or Group III or all the items of Group I-II. But you must be able to supply all the items in that particular group. Partial bid for items will not be accepted. **The lowest bidder will be determined on the basis of lowest grand total for all the items put together for**



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the particular Group. BIDDERS MUST BID FOR ALL THE ITEMS IN A GROUP. INCOMPLETE BIDS WILL NOT BE ACCEPTED. SINCE PRICES ARE TO BE COMPARED IN A “GROUP” BASIS, INCOMPLETE BIDS CANNOT BE COMPARED.

2. **Documents needed:** Bidder should have (i) valid **GST registration** and (ii) **Trade License for Chemicals business** for the financial year 2018-19. Copy of the GST registration has to be enclosed with rate quotation.
 3. The bidder should be eligible or in condition to quote the price all chemicals desired quantity as described above. Corrections, if any, shall be made by crossing out, initialling, dating and re writing. All duties, taxes and other levies, transportation charges payable by the contractor under the contract shall be included in the total price **F.O.R. NIT Sikkim**. The rates quoted by the bidder shall remain valid for 60 days. The bid price must be quoted in **Indian Rupees**.
 4. Each bidder shall submit only one quotation for each item. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply. It is desired that the bidder has experience in supply of chemicals to reputed educational organization.
 5. The bid submitted by the bidder must comprise the following:
 - a) Credentials and list of organisations where the bidder supplied similar items may attach.
 - b) Details of tax and other charges applicable should be clearly mentioned in the quotation.
 6. Quotation shall remain valid for 60 days after the deadline date specified for submission.
 7. Notwithstanding the above, the Institute reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract. The bidder whose bid is accepted will be notified of the award of contract by the Institute prior to expiration of the quotation validity period. The terms of the accepted offer shall incorporate in the purchase order.
 8. Delivery shall be made at NIT, Sikkim campus, Ravangla, South Sikkim 737139.
 9. Payment shall be made within 30 days after satisfactory installation, commissioning and acceptance of the good.
 10. NIT will not be responsible for any damages of material during the delivery or transportation.
 11. Your offer must reach our office latest by **31st October 2018; 05:00 PM** at the following address and mention **“NIQ No.: 53/NITS/Basic Science/Purchase of Chemicals/2017-18/October dated October 12, 2018”** in subject line on the envelope and send to:
**Head, Department of Chemistry
National Institute of Technology Sikkim
Ravangla, South Sikkim 737139**
 12. The bid document must be signed and sealed and enclosed with the bid as a token of acceptance of all terms and conditions in the bid document by the bidder.
 13. The chemicals must be delivered within **30 days** from the date of receipt of purchase order at the respective department.
 14. All the terms and conditions of latest GFR of the Government of India will be applicable.
 15. The Institute reserves the right to increase or decrease the quantity mentioned in the tender depending upon the cost and requirement of the department.
 16. For any clarifications, Contact: Dr. Taraknath Kundu, Head, Department of Chemistry, Ph:- +91-9674294774 /
Email: hod.chemistry@nitsikim.ac.in.
- Quotation to be addressed to: Director, NIT Sikkim**



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The bid must be sent to:

Head, Department of Chemistry

National Institute of Technology Sikkim

Ravangla Campus, Barfung Block

South Sikkim 737139