

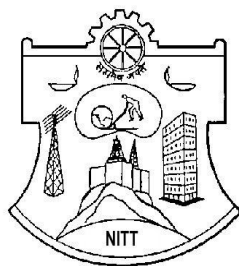
NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI – 15

Department of Chemistry

Web: www.nitt.edu

Phone: 0431 - 2503630



QUOTATION

Quotation Notification No.: NITT/CHY/Chemicals&Glasswares/2012-13 dated: 21.11.2012

Name of the component : **Chemicals and Glasswares**

Quantity required : List attached

Delivery : One month

Last Date of submission of Tender : 07.12.2012 upto 3.00 p.m.

Dept. Amount : Not Applicable

Address for submission of Tender : The Director
National Institute of Technology
Tiruchirappalli – 620 015, Tamil Nadu, India

With Kind Attention to : The Head
Department of Chemistry
National Institute of Technology
Tiruchirappalli – 620 015

Date of opening of technical bid : 07.12.2012 at 3.30 p.m.



**NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI – 15**

DEPARTMENT OF CHEMISTRY

Quotation Notification No.: NITT/CHY/Chemicals&Glasswares/2012-13 dated: 21.11.2012

NOTICE INVITING QUOTATION

The National Institute of Technology, Tiruchirappalli (NITT) is an autonomous body under MHRD, GOI, imparting Technical Education and engaged in Research Activities. It is proposed to procure the following component for the departmental academic/research activities.

Sealed Quotations are invited for the following component subject to the following terms and conditions, from the reputed manufacturers or their authorized dealers so as to reach this office on or before scheduled date and time. The quotations will be opened on the same day in the presence of bidders or their authorized agents who may choose to be present.

Name of the component	: Chemicals and Gasswares
Quantity required	: List attached
Time for completion of supply after placing purchase order	: One month
Last Date of submission of quotation	: 07.12.2012
Dept. Amount	: Not Applicable
Address for submission of Tender	: The Director National Institute of Technology Tiruchirappalli – 620 015, Tamil Nadu, India
With Kind Attention to	: The Head Department of Chemistry National Institute of Technology Tiruchirappalli – 620 015
Date of opening of technical bid	: 07.12.2012 at 3.30 p.m.
Place, Date and time of opening of bid	:

Date: 07.12.2012

Time: 3.30 p.m

Venue: Store Section

Note: The Institute shall not be responsible for any postal delay about non-receipt / non delivery of the bids or due to wrong addressee.

SECTION: 1 INSTRUCTION TO BIDDER

1. The bidders should give details of their technical soundness and provide list of customers of previous supply of similar items to Universities, Institutes or Government Departments/Undertakings/public sectors with contact details. The details of the bidder/profile should be furnished along with the copy of all related documents.

1.1 **Documents to be submitted in the Bid:**

- (i) Copy of licence certificate for manufacture/supply of the item.
 - (ii) Income Tax PAN number
 - (iii) Catalogue of the product with detailed product specifications
 - (iv) Shelf-life of the chemicals offered for supply is to be specified.
 - (v) EMD, if applicable by Demand Draft, drawn on any scheduled bank in favour of "**The Director, NIT, Trichy**" payable at Trichy should be submitted. EMD shall bear no interest. Any bid not accompanying with EMD is liable to be treated as non-responsive and rejected.
2. The agencies should submit their rate in Indian rupee as per the format given in Section 4 of the Notice Inviting tender. The rate should be quoted both in words and figures. All the pages of the bid should be signed affixing the seal. All corrections and overwriting should be initialed.
The bid cover should be duly superscribed with the following details.
(1) Quotation Notification Number (2) Quotation for the supply of (3) Date of opening
Mention "Kind Attention: Contact's person's name and phone number", and submit at the address given in the quotation Notice.
 3. The quotation will be acceptable only from the manufacturers or its authorized supplier.
 4. The bid shall be in the format of price schedule given in Section 4. The contract form as per format given in section 5 shall be submitted. Incomplete or conditional quotation will be rejected.
 5. Details of quantity and the specifications are mentioned in Section 3 appended to this quotation Notice.
 6. The item to be used is strictly according to the specification and subject to test by the Institute/concerned authorities. It must be delivered and installed in good working condition.
 7. The Institute reserves the right to cancel or reduce the quantity included in the schedule of requirements at any time after acceptance of the quotation with a notice. The Contractor/Supplier shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the work/supply in full but he did not derive in consequence of the foreclosure of the whole or part of the works.

8. 5% of the supply value will be retained by the Institute towards Performance Security and will be returned to the supplier after the period of warranty.
9. **Release of EMD:** The EMD shall be released after receipt of performance security from successful bidder.
10. **Validity of bids:** The rate quote should be valid for a minimum of 60 days. No claim for escalation of rate will be considered after opening the Quotation.
11. **Imports:** In case, goods are to be imported, the Indian agent should furnish authorization certificate by the principles abroad for submission of the bid in response to this Quotation Notice.
12. **Clarification of Quotation Document:** A prospective bidder requiring any clarification of the Quotation document may communicate to the contact person given in this notice inviting quotation.
13. **Amendment of quotation document:** At any time prior to the last date of receipt of bids, Institute may for any reason, whether at its own initiative or in response to a clarification requested by prospective bidder, modify the Quotation document by an amendment.
14. ***The Institute may at its own discretion extend the last date for the receipt of bids.***
15. The bids shall be written in English language and any information printed in other language shall be accompanied by an English translation, in which case for the purpose of interpretation of the bid, the English translation shall govern.
16. The Institute reserves the right of accepting any bid other than the lowest or even rejecting all the bids. The decision of the Institute Purchase Committee is final in all matters of quotation and purchase.
17. The bidder should give the following declaration while submitting the Quotation.

DECLARATION

I/we have not tampered/modified the quotation forms in any manner. In case, if the same is found to be tampered/modified, I/we understand that my/our quotation will be summarily rejected and full Earnest Money Deposit (EMD) will be forfeited and I/we am/are liable to be banned from doing business with NIT, Trichy and /or prosecuted.

Signature of the Bidder :

Name and Designation :

Business Address :
.....
.....

Place :

Date :

Seal of the Bidder's Firm

18. Any other details required may be obtained from the contact person given in the notice inviting quotation during the office hours.

SECTION : 2 CONDITIONS OF CONTRACT

1. The rates should be quoted for FOR NIT, Trichy for supply within India.
2. In case of import both CIF and / or FOB rate should be quoted. All components of expenditure to arrive at Chennai need to be explicitly specified.
3. The bidder shall indicate the excise duty exemption for the goods if applicable
4. The Institute is eligible for customs duty and excise duty exemption.
5. The rate quoted should be on unit basis. Taxes and other charges should be quoted separately, considering exemptions if any.
6. Rate quoted should be inclusive of Testing, commissioning and installation of equipment and training.
7. **Payment**: No advance payment will be made. Payment will be made only after the supply of the item in good and satisfactory condition and receipt of performance security by supplier. In case of imports, the payment will be made through LC after installation and performance security need to be submitted at the time of LC commitment.
8. Guarantee and Warrantee period should be specified for the complete period conforming to the section 3 of this quotation document.
9. Period required for the supply and installation of item should be specified conforming to the section 3 of this quotation document.
10. In case of dispute, the matter will be subject to Tiruchirappalli, Tamil Nadu Jurisdiction only.

SECTION: 3 SCHEDULES OF REQUIREMENTS, SPECIFICATIONS AND ALLIED DETAILS

Name of the Component to be procured	:	Chemicals and Glassware
Specifications	:	List attached
Quantity	:	List attached
Any other details/requirement	:	1. Certificate of Analysis (CoA) (Supplied along with quotation document) 2. MSDS (Supplied along with Material)
Warranty period required	:	Not applicable
Delivery schedule expected after release of purchase order (in weeks)	:	One month
EMD (in Rupees)	:	Not applicable
Performance Security to be given by Successful bidder after release of purchase order (in Rupees)	:	Not applicable

SECTION: 4 PRICE SCHEDULE

[To be used by the bidder for submission of the bid]

- 1. Component Name :

- 2. Specifications (confirming to Section 3 of Quotation document-enclose additional sheets if necessary) :

- 3. Currency and Unit Price :

- 4. Quantity :

- 5. Item cost (in Indian Rupee) (Sl.No.3 & Sl.No.4) :

- 6. Taxes and other charges :
 - (i) Specify the type of taxes and duties in percentages and also in figures
 - (ii) Specify other charges in figures

- 7. Warranty period (confirming to the Section 3 of Quotation document. This should be mentioned in Technical bid also in order to get qualified for financial bid) :

- 8. Delivery Schedule (confirming to the Section 3 of Quotation document) :

- 9. Name and address of the firm for placing purchase order :

- 10. Name and address of Indian authorized agent (in case of imports only) :

Signature of the Bidder :

Name and Designation :

Business Address :
.....
.....

Place :

Date :

Seal of the Bidder's Firm

SECTION : 5 CONTRACT FORM

[To be provided by the bidder in the business letter head]

1. {Name of the Supplier's Firm) hereby abide to deliver theby the delivery schedule mentioned in the Section 3 quotation document for supply of the items if the purchase order is awarded.
2. The item will be supplied conforming to the specifications stated in the quotation document without any defect and deviations.
3. Warranty will be given for the period mentioned in the quotation document and service will be rendered to the satisfaction of NIT, Trichy during this period.

Signature of the Bidder :

Name and Designation :

Business Address :
.....
.....

Place :

Date :

Seal of the Bidder's Firm

S. No.	Name of the Chemical	Quantity
1	2,4-dinitro phenylhydrazine	250 g
2	6% Hydrogen Peroxide	500 mL
3	Acetanilide	250 g
4	Acetic acid-Glacial	2.5 L
5	Acetic anhydride	250 mL
6	Acetone	2.5 L
7	Actophenone	250 g
8	Aluminium chloride anhydrous	500 g
9	Aluminon Reagent	100 mL
10	Ammonia	2.5 L
11	Ammonium acetate	500 g
12	Ammonium carbonate	500 g
13	Ammonium chloride	1 Kg
14	Ammonium ferrous sulphate	500 g
15	Ammonium hydroxide	500 g
16	Ammonium mercury thiocyanate	250 g
17	Ammonium molybdate	100 g
18	Ammonium nitrate	500 g
19	Ammonium oxalate	500 g
20	Ammonium sulphate	500 g
21	Ammonium thiocyanate	500 g
22	Amyl alcohol	500 mL
23	Aniline	500 mL
24	Antimony chloride	250 g
25	Ascorbic acid	500 mL
26	Barium chloride	250 g
27	Barium diphenylamine sulphonate	25 g
28	Benzidine	25 g
29	Benzophenone	250 g
30	Benzyl alcohol	250 mL
31	Bleaching powder	2 Kg
32	Bromine	50 mL
33	Buffer 4, 7 & 9.3 (pH)	1 Box
34	Cadimum nitrate	500 g
35	Cadion 2B	25 g
36	Calcium acetate	500 g
37	Calcium carbonate	500 g
38	Calcium chloride	500 g
39	Calcium sulfate	500 g
40	Carbon tetra chloride	2.5 L
41	Ceric ammonium nitrate	100 g
42	Cerium nitrate	25 g

43	Charcoal	1 Kg
44	Chromium chloride	500 g
45	Cobalt nitrate	500 g
46	Cobalt(II) sulphate	500 g
47	Conc. hydrochloric acid	5 L
48	Conc. nitric acid	5 L
49	Conc. sulphuric acid	5 L
50	Copper(II) chloride	500 g
51	Copper(II) nitrate	500 g
52	Copper(II) sulphate pentahydrate	500 g
53	Cupron	25 g
54	Dimethyl glyoxime	100 g
55	Diphenyl carbazide	250 g
56	Dipicrylamine	100 g
57	Disodium hydrogen phosphate	500 g
58	Dithizone	10 g
59	Eriochrome black T	100 g
60	Ethyl acetate	2.5 L
61	Ethylene diamine	500 mL
62	Ethylene diamine tetra acetic acid	500 g
63	Fehling solution-A	250 g
64	Ferric alum	250 g
65	Ferric ammonium sulfate	500 g
66	Ferric chloride	500 g
67	Ferrous sulphide sticks	1 Kg
68	Formaldehyde	250 mL
69	Glucose	500 g
70	Glycerol	500 mL
71	Glycine	250 g
72	Hydrazine dihydrochloride	100 g
73	Hydrogen bromide	250 mL
74	Hydroxylamine hydrochloride	100 g
75	Iodine	100 g
76	Lactic acid	500 g
77	Lead acetate	500 g
78	Lead nitrate	500 g
79	Lithium carbonate	500 g
80	Magnesium chloride	500 g
81	Magnesium sulphate	500 g
82	Magneson reagent	50 mL
83	Manganese chloride	500 g
84	Manganese sulphate	500 g
85	Manganous sulphate	500 g

86	Mercuric chloride	100 g
87	Methanol	1 L
88	Methyl orange	100 g
89	Methyl red	100 g
90	Methyl salicylate	250 mL
91	Methyl vinyl ketone	250 mL
92	Methylene blue	100 mL
93	Molybdic acid	250 g
94	Nickel ammonium sulphate	250 g
95	Nickel(II) chloride	500 g
96	Nickel(II) nitrate	500 g
97	Nickel(II) sulphate	500 g
98	Nitrobenzene	250 mL
99	N-phenyl anthranilic acid	100 g
100	Ortho phosphoric acid	250 g
101	Oxalic acid	500 g
102	Oxine (8-Hydroxyquinoline)	500 g
103	Petroleum ether (60-80 °C)	2.5 L
104	Phenol	500 mL
105	Phenolphthalein	100 g
106	Picolonic acid	100 g
107	Poly vinyl alcohol	500 mL
108	Potassium bromate	250 g
109	Potassium bromide	500 g
110	Potassium bromide (IR spectroscopic grade)	250 g
111	Potassium chlorate	100 g
112	Potassium chloride	500 g
113	Potassium chromate	500 g
114	Potassium dichromate	500 g
115	Potassium ferricyanide	500 g
116	Potassium ferrocyanide	500 g
117	Potassium hydroxide	250 g
118	Potassium iodate	500 g
119	Potassium Iodide	250 g
120	Potassium oxalate	500 g
121	Potassium permanganate	500 g
122	Potassium thiocyanate	500 g
123	Rhodamine B	50 g
124	Salicylic acid	250 g
125	Selenium dioxide	100 g
126	Silver nitrate	250 g
127	Sodium acetate	500 g

128	Sodium bicarbonate	500 g
129	Sodium bismuthate	250 g
130	Sodium bisulphate	250 g
131	Sodium carbonate	250 g
132	Sodium chloride	500 g
133	Sodium hydroxide	500 g
134	Sodium nitrite	250 g
135	Sodium phosphate	500 g
136	Sodium potassium tartarate-Fehling –B	250 g
137	Sodium rhodizonate	25 g
138	Sodium sulphide	500 g
139	Sodium sulphite	500 g
140	Sodium thio sulphate	500 g
141	Sodium tungstate	250 g
142	Stannous chloride	500 g
143	Starch	500 g
144	Strontium chloride	500 g
145	Thallium chloride	250 g
146	Thiourea	500 g
147	Thorium nitrate	25 g
148	Tin(II) chloride	500 g
149	Tungstic oxide	25 g
150	Uranyl chloride	50 g
151	Uranyl nitrate	50 g
152	Urea	500 g
153	Vanadium oxychloride	25 g
154	Vanadyl sulphate	250 g
155	Washing soda	1 Kg
156	Watman 40 filter paper	10 packets
157	Zinc dust	500 g
158	Zinc nitrate	500 g
159	Zinc sulphate	500 g
160	Zinc uranyl acetate	50 g
161	Zirconium oxychloride	25 g

**Note : Merck, Fischer, Rankem, Qualigens, Loba & SD fine brands only.
Some of the chemicals may be ordered in multiple quantities**

Head / Chemistry

S.No	Name of the Glassware
1	Beaker (250 mL) Borosilicate
2	Beaker (50 mL) Borosilicate
3	Beaker (500 mL) Borosilicate
4	Beaker 100 mL (Borosil Glass)
5	Boiling tube (small)
6	Boiling tube 25 mL (Borosil Glass)
7	Brush (small)
8	Buckner flask (500 mL), rubber cork with adapter porcelain funnel (Borosil Glass)
9	Burette 10 mL (Borosil Glass)
10	Burette 25 mL (Borosil Glass)
11	Burette 50 mL (Borosil Glass)
12	Burette clamp
13	Burette stand
14	Centrifuge machine Three step speed control motor driven 4 wing centrifuge with 11cm x 1.5cm Dia (15 mL)
15	Centrifuge tube suitable for machine
16	China dish 50 mm
17	Column for chromatography
18	Condenser clamp
19	Conical flask 100 mL (Borosil Glass)
20	Conical Flask 250 mL (Borosil Glass)
21	Copper water bath
22	Cork (rubber)
23	Cotton roll
24	Desiccator cap 150 mm (Soda Glass)
25	Desiccator with cap (Soda Glass)
26	Double walled condenser (30 cm, B-24 joint)
27	Dropper 8"
28	Filter paper ordinary
29	Funnel plastic 18 cm
30	Funnel plastic 6 cm
31	Funnel plastic 8 cm
32	Glass dropper 20 cm with small rubber bulb
33	Glass rod 6 mm (Soda Glass)
34	Glass Rod 6 mm (Borosil)
35	Graduated pipette 10 mL
36	Graduated pipette 5 mL
37	Hot plate
38	Ignition tubes
39	Iodine flask B-24, 250 mL with stopper.
40	Kipps apparatus plastic

41	Litmus paper (blue)
42	Litmus paper (red)
43	Melting point capillary tubes
44	Narrow mouthed bottle 150 mL with dropper
45	Nephelometer
46	Pestle and mortar
47	pH electrode
48	Pipette 10 mL
49	Pipette 20 mL
50	Plastic beaker 1 L
51	Plastic beaker 2 L
52	Plastic beaker 5 L
53	Plastic beaker 500 ml
54	Plastic can 10 L high density
55	Plastic can 25 L high density
56	Polythene measuring cylinder 10 mL
57	Polythene measuring cylinder 100 mL
58	Porcelain tile
59	Pyknometer
60	RB flask 250ml B-24 (Borosil Glass)
61	Reagent bottle 125 mL (Borosil Glass)
62	Reagent bottle 250 mL (Borosil Glass)
63	Reagent bottle 60 mL (Borosil Glass)
64	Rubber tube for water circulation
65	Salt bridge
66	Separating funnel 250 mL (Borosil Glass)
67	Silica crucible 25 mL
68	Sintered crucible 30 mm
69	Soxhlet apparatus
70	Standard measuring flask 100 mL
71	Standard measuring flask 25 mL
72	Standard measuring flask 250 mL
73	Stop watch
74	Stoppered bottle 250 mL
75	Test tube 12 mL (Borosil Glass)
76	Test tube 15 mL
77	Test tube holder
78	Test tube stand
79	Tongs 8"
80	Tripod stand
81	Viscometer Normal Consistant 0.1 Viscometer range 20.100 (Borosil Glass)
82	Wash Bottle 1 L plastic

83	Watch glass 12.5 cm
84	Watch glass 7.5 cm
85	Water bath (6 holes)
86	Weighing bottle
87	Whatman filter paper 90 mm dia No. 42
88	Whatman filter paper 90 mm dia No.1
89	Wide mouthed bottle 100 mL with Dropper
90	Wire Gauze

Head / Chemistry