

# NATIONAL INSTITUTE OF TECHNOLOGY

## TIRUCHIRAPPALLI – 15

Department of Chemistry

Web : [www.nitt.edu](http://www.nitt.edu)

Phone : 0431 - 2503631



# TENDER DOCUMENT

Tender Notification No.: NITT/F.No.001/NON-PLAN/2013-14/CHY

Dated: 23.12.13

- Name of the component : Chemicals & Glassware
- Quantity required : Approximate quantity is mentioned in the list of required chemicals & glassware. This is subject to change.
- EMD Amount : Not Applicable
- Cost of the Tender Document : **Rs. 150/-**
- Delivery : 6 weeks from the date of purchase order
- Last Date of submission of Tender : **07.01.14 up to 3.00 p.m.**
- Address for submission of Tender : The Director  
National Institute of Technology-Tiruchirappalli 620015  
Tamilnadu
- Kind ATTN to:** The Head  
Department of Chemistry  
National Institute of Technology  
Tiruchirappalli – 620015  
E-mail: [kar@nitt.edu](mailto:kar@nitt.edu)  
Tel: 0431-2503631
- Date of opening of technical bid : **07.01.2014 at 3.30 p.m**



**NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI – 15**

**DEPARTMENT OF CHEMISTRY**

**Tender Notification No.:** NITT/F.No.001/NON-PLAN/2013-14/CHY

**Dated: 23.12.13**

**NOTICE INVITING TENDER**

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 bids are invited under two bid system 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 technical cover 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 & Glassware

Quantity required : Approximate quantity is mentioned in the list of required chemicals & glassware. This is subject to change.

EMD : Not Applicable

Cost of the Tender Document : **Rs. 150/-**

Time for completion of supply after placing purchase order : 6 weeks

Last Date of submission of Tender : 07.01.14 up to 3.00 p.m.

Address for submission of Tender: The Director  
National Institute of Technology - Tiruchirappalli 620015  
Tamilnadu

**Kind ATTN to:** The Head  
Department of Chemistry  
National Institute of Technology  
Tiruchirappalli – 620015  
E-mail: kar@nitt.edu  
Tel: 0431-2503631

***Place, Date and time of opening of bid*** :

**Date: 07.01.14**

**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.

**INSTRUCTIONS TO BIDDERS**

1. This document set contains the following:
    - a) Terms and conditions of the Tender
    - b) Details of the Firm offering this Quote
    - c) Technical Compliance Form
    - d) Quotation form (Price Bid)
    - e) Currency Form (quoted on behalf of the foreign suppliers)
    - f) NIT-T's check list copy
  2. The bidder's copy is for your future records. Please fill in and return only NIT-T's copy.
  3. The bidder 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 agency/profile should be furnished along with the copy of all related documents.
  4. Read through the terms and conditions given and affix your signature and seal if you find them acceptable. Any deviations may be recorded. Read carefully list of specifications that we have enclosed.
  5. Fill in the questionnaire regarding the Firm.
  6. The downloaded documents '**Technical Compliance Form**' and '**Quotation Form (Price Bid)**' should be **TYPE WRITTEN USING CAPITAL LETTERS ONLY**. At the time of filling the "**Quotation Form (Price Bid)**" make sure that you have not missed anything. Specify the model number & specification for each item. The form should be filled item-wise. Do not leave blank fields. If you are not quoting for a specific item, you should specify "**NOT QUOTING**".
  7. **Do not use** ambiguous terms like "**yes**", "**complied**" or "**available**". Specifically mention the matching specification of the product offered by you. Make sure that you have affixed your signature with date and seal on all the documents.
  8. Please send the tenders in a sealed envelope superscribed as "**QUOTATIONS AGAINST TENDER NOTIFICATION NO: NITT/F.No.001/NON-PLAN/2013-14/CHY**" so as to reach "The Director, National Institute of Technology, Tiruchirappalli - 620 015, India" on or before **07.01.2014** at **3.00 p.m. along with a Softcopy of the Technical Compliance form (along with cover-2) and Quotation Forms (along with cover-3) in MS-Excel file format in a CD/DVD or USB drive.**
  9. For any further clarifications, contact by E-Mail: kar@nitt.edu or by written request to "The Registrar, National Institute of Technology, Tiruchirappalli - 620 015, India"
  10. Pre-bid conference will be held on ..... at.....
- Last Date for receipt of tender at NIT-T : 07.01.2014**
- Opening Date for technical bid : 07.01.2014**

| CHECKLIST TO BE FILLED IN BY BIDDER                         |                    |
|---|--------------------|
| List of documents to be enclosed                            | Completed & Signed |
| 1. Terms and Conditions form                                | YES / NO           |
| 2. Details of the Firm offering this Quote                  | YES / NO           |
| 3. NIT-T's Quotation form (Technical & Price Bid)           | YES / NO           |
| 4. Currency Form(quoted on behalf of the foreign suppliers) | YES / NO           |
| 5. Other technical specifications & pamphlets               | YES / NO           |

- Note:** 1. "Cover" should contain the following:
- a. Form of "**Acceptance of Terms and Conditions**".
  - b. Form of "**Firm details**"
  - c. Pamphlets, if any (in a separate sealed cover)
  - d. Quotation Form (Technical, Price Bid and Currency Form)

**Please retain this page with you for your future reference.**

## SECTION : 1 – TWO BID TENDER

### **Cover 1: EMD and Tender cost**

(should be superscribed as 'EMD and tender cost cover' duly indicating the Tender reference No. and the due date of opening)

Earnest Money Deposit (EMD) and tender cost are to be submitted by way of Demand Draft/FDR drawn on any Nationalized bank in India in favor of "The Director, NIT, Trichy" payable at Trichy. The bids submitted without EMD or tender cost will be treated as non-responsive and will be rejected. EMD shall bear no interest.

### **Cover 2: Technical Bid**

(should be superscribed as 'Technical Bid' duly indicating the Tender reference No. and the due date of opening)

Should contain:

- a. Technical pamphlets
  - b. Detailed technical specification
  - c. Copy of license certificate for manufacture/supply of the item\*
  - d. Income Tax PAN number & TIN number.\*
  - e. Last three years balance sheet approved by the CA and the IT clearance certificate.\*
  - f. Warranty period offered for the tendered item to be specified. If the warranty period is not conforming with the schedule of requirements given in section 3 of the Tender document, the bid is liable to be treated as non-responsive and will be rejected.
  - g. Duly filled up technical questionnaire, if any
  - h. Duly filled up deviation schedules to technical specifications, if any
  - i. Copy of supply orders completed during the last three years
- \* Appropriately pertaining to the country of origin.

### **Cover 3: Price Bid**

(should be superscribed as 'Price Bid' duly indicating the Tender reference No. and the due date of opening)

Should contain:

- a. Price bid as per the format in Section-4 of the tender document
- b. Break-up price as per the format in Annexure-A

#### **Note:**

- a. If the prices are revealed in cover 1 or in cover 2, the offer will be summarily rejected.
- b. Each Cover shall be sent in a double sealed cover. The inner covers (Cover 1, Cover 2 and Cover 3) should be sealed individually with the Sellers's distinctive seal and superscribed with the tender reference No. and due date of opening. All inner covers shall be placed in a common outer cover which shall also be sealed with seller's distinctive seal and superscribed with the tender reference No. and due date of opening.
- c. Mention "Kind Attention:....., and submit at the address given in the Notice Inviting Tender.
- d. Cover 1 & 2 will be opened on the scheduled date and time mentioned in the tender enquiry.
- e. Cover 3 of the technically and commercially suitable offers alone will be opened on a date which will be intimated to the qualified bidders.

**SECTION : 2 – TERMS AND CONDITIONS FORM**

**IMPORTANT: READ THE FOLLOWING TERMS AND CONDITIONS AND  
SIGN THE ACCEPTANCE CLAUSE FOLLOWING IT**

1. The offers should be addressed to “The Director, National Institute of Technology, Tiruchirappalli 620015, India” and should be sent in a sealed envelope superscribed BID **AGAINST TENDER NOTIFICATION No.:** NITT/F.No.001/NON-PLAN/2013-14/CHY” so as to reach us **on or before 07.01.2014.**
2. Each offer should be sent in a sealed cover with the tender documents. Tenders received through email or FAX will not be considered. **Softcopy of the Technical Compliance form and Quotation Forms should be submitted along with the tender in MS-Excel file format in a CD/DVD or USB drive. However, if there is any dispute between Hard copy and Soft copy, Hard copy will be taken.**
3. The tenders will be opened on **07.01.2014 at 3.30 p.m.** in the presence of the vendors present with authorization letter from the respective companies / firms. Suppliers intending to attend the tender opening should intimate us in advance.
4. Full technical specifications and pamphlets should be sent along with the tenders. **Offers without proper technical specifications will be rejected.**
5. The rate quoted should be on unit basis excluding Taxes. Taxes and other charges should be quoted separately, considering exemptions if any.
6. All offers should indicate unit price (excluding taxes and duties applicable), Taxes and other charges should be mentioned separately, if any. Additional charges for packing, forwarding, freight, insurance etc., if any, should be clearly mentioned. Clearance at Customs will be arranged by us.
7. NIT-T is paying concessional Customs & Excise duty under Government of India Notification No.51/96for Central Customs and 10/97 for Central Excise Duty vide Certificate No.TU/V/RG-CDE(183)/2011 dt.10.10.11. Currently the purchaser is paying 5% Basic Customs Duty, 2% Educational Cess on Basic Customs Duty, 1% Higher Education Cess on Educational Cess, and 4% Import Additional Duty. **This institute is exempted from payment of service tax as per Sl.no. 9 of Government notification No25/2012-ST dated 20<sup>th</sup> June, 2012.** The Institute is not authorized to issue C and D forms of Sales tax certificate.
8. In case the offered items are to be imported, the rates should be quoted in foreign currency on C.I.F. Chennai Airport basis, and it should include the Freight up to Chennai airport and the insurance cover should be up to National Institute of Technology, Tiruchirappalli. NIT-T shall pay Customs duty if any.
9. If the price quoted is in foreign currency and if the order value is more than US\$10,000 and requested by the bidder then 100% payment will be made through **Letter of Credit (LC) at sight on acceptance. The bank charges outside India should be borne by the Supplier / Beneficiary. Part shipment not allowed.**
10. If the price quoted is in Indian Rupees, then 100% payment will be made only after installation and commissioning. **No advance payment will be made.**
11. No revision of the price bid will be allowed once the price bids are opened. In case of foreign currency, the agency should mention the % of currency fluctuations they can bear.
12. No increase in price will be allowed after our firm orders are placed.
13. **Payment of excise duty and sales tax / VAT (on ultimate products)** as applicable on the closing date of tender will be to the supplier's / contractor's account. Any statutory variation (both plus and minus) in the rate of excise duty/sales tax/VAT after closing date of tender/revised price bid but before the expiry of the contractual delivery / completion period will be to the account of the office. The bidder(s) should indicate, in their bid, the amount with exact rate of the Excise and Sales tax/VAT on ultimate finished product, as applicable at tendering stage, separately in the bid. In case the above information subsequently proves wrong, incorrect or misleading (a) this Institute will have no liability to reimburse the excess in the difference in rates of the item under which the duty/tax assessed finally (b) this Institute will have the right to recover the difference in case the rate of duty / tax finally assessed is on the lower side. Any increase in excise duty, sales tax / VAT during extended period of the contract / supply order will be to supplier's / contractor's account where such extension in delivery of the materials/completion of the project was on the request of supplier /

contractor. However, any decrease in excise duty/sales tax/ VAT during extended period of the contract / supply order, will be to the account of this Institute.

14. **This institute is exempted from payment of service tax as per Sl.no. 9 of Government notification No25/2012-ST dated 20<sup>th</sup> june, 2012. The tenderer should verify the excise duty exemption certificates of this institution and service tax rules before submission of the Bid. It will be assumed on the submission of bid that excise duty exemption will be provided and no other conditions after the issue of purchase order will be accepted. No service tax will be paid by this institute.**
15. Quote should come from authorized dealer or distributor or reseller for each of the product quoted. An authorization letter should accompany your quote for each product quoted; otherwise it may lead to rejection.
16. The delivery period and other terms should be clearly mentioned.
17. **Eligibility:** Quotation from registered firms/company's / manufacturer under TNGST/CST / other statutory bodies alone will be considered. Any Manufacturer / Supplier / Dealer who has been declared ineligible by World Bank/Government of India shall not be eligible to participate in this bid. Any fraudulent practices including concealing of facts at the time of submission of bid and there after shall lead to disqualification. List of beneficiaries especially from Educational Institutions / R & D Institutions should also be enclosed with the quotations.
18. For those instruments Cost exceeding Rs. 5,00,000/- the company should have (i) Three similar works, each of value not less than 40% of the estimated cost put to tender, or (ii) Two similar works, each of value not less than 50% of the estimated cost, or (iii) One similar work of value not less than 80% of the estimated cost, all amounts rounded off to a convenient full figure, in the last 7 years ending on the last day of the month previous to the one in which the tenders are invited.
19. Complete user, technical and service documentation and spare parts catalogue are to be provided along with the supply of the item.
20. The vendors are informed that they should not call us over phone or contact us in person. All clarifications can be obtained through E-Mail/FAX/Post. Vendors shall not make attempts to establish unsolicited and un-authorized contact with us after the opening of the offers and prior to the notification of the award. Any attempt by any vendor to bring to bear extraneous pressures on us shall be sufficient reason to disqualify the vendor.
21. Delay / loss in postal transit or due to other reasons will not be NIT-T's responsibility.
22. We are not responsible for accidental opening of the covers that are not properly superscribed and sealed before the time scheduled for opening.
23. The tender should be made only on the FORM which is available in our website, otherwise it shall lead to rejection. The FORM should be duly filled up (preferably **TYPE WRITTEN IN CAPITAL LETTERS**) and should clearly mention the features offered by the bidder against each specification.
24. Authorized signatory should sign on all the pages. Bids without authorized signatures or seal of the firm will be rejected.
25. The manufacturers of the quoted make of the product must be of National / International repute and having ISO /BIS certificate.
26. **Liquidated damages:** If the bidder/supplier, after accepting the Purchase Order, fails to deliver any or all of the Goods within the period specified in the Order, NIT-T shall, without prejudice to its other remedies under the Rules of Purchase, proceed to cancel the order or agree to accept a delayed delivery on the condition of payment of liquidated damages by the bidder / supplier a sum equivalent to 0.50% of the total cost as indicated in the Purchase Order (which will be deemed as agreed price) for each week or part thereof of delay until actual delivery or performance is completed and such penal charges shall be limited to a maximum of 5% of the total cost. Once the maximum is reached NIT-T may proceed on its own to consider the termination / cancellation of the order.
27. **5% of purchase order value in the form of bank guarantee towards performance security should be provided. The bank guarantee will be returned to the supplier after the successful completion of supply and the warranty period.**
28. Failure to comply with all the terms and conditions mentioned herein would result in the tender being summarily rejected.
29. Vendors are informed that once the companies are shortlisted based on the technical specification, only then the price bids of the firms that meet NIT-T's Technical specification / requirements would be compared.
30. The order will be based on the actual requirement at the time of ordering, optional items may also be ordered based on the actual requirements at the time of ordering. Not quoting for this may result in disqualification.
31. NIT-T reserves the right to modify or alter the specifications after short listing of tenderers.

32. NIT-T reserves the right to change the order quantity or split the orders among multiple vendors without assigning any reason(s) whatsoever.
33. NIT-T reserves the right to reject any or all the tenders without assigning any reasons whatsoever.
34. NIT-T reserves the right to purchase decreased number of quantity of the item to be purchased.
35. The agencies should submit their rate as per the format given in Section 4 of the Notice Inviting Tender in this cover. All the pages of the bid should be signed affixing the seal. All corrections and overwriting should be initialed.
36. The tender will be acceptable only from the manufacturers or its authorized supplier.
37. 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 tender will be rejected.
38. Details of quantity and the specifications are mentioned in Section 3 appended to this Notice Inviting Tender.
39. 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.
40. 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.
41. In case of dispute, the matter will be subject to Tiruchirappalli, Tamil Nadu Jurisdiction only.
42. The tenderer should supply the chemicals, reagents, and glass wares etc. of the brands of Merck / Qualigens / Loba / Ranbaxy / Aldrich / Rankem / SDS / SD Fine / Borosil / Riviera / Tarson / Borosil Glass Works.
43. The tenderer should submit the attested Xerox copies of authorization letter of manufacturers / Principal firms, otherwise tender for the item will not be considered.
44. The chemical etc. to be supplied must have the date of expiry of not less than one year on the date of supply and they have to supply demo kit for quality assessment to departments if required.
45. If any information or documents furnished by the tenderer found to be misleading/in correct at any stage, their tenders will not be accepted without entertaining any further correspondences.
46. The committee is not bound to accept the lowest rate and highest offer considering the technical aspects.
47. The rates so quoted should be on door delivery at Department of Chemistry
48. The tenderer should submit up to date printed price list of products after selection of the respective brands.
49. The tenderer should furnish up-to date Photostat copies of the VAT clearance, TIN, SRIN, valid PAN Card, valid ISI and ISO certificate, performance certificate, Valid manufacturing license, Valid GMP/WHO GMP certificate, Proof of annual average turnover certificate, valid Drugs License for the items.
50. The tenders will be valid for the financial year 2013 -2014 & 2014 to 2015
51. The technical selection will be made on the highest percentage of discount offered by the firm and direct supply from the manufacturers.
52. PATENT RIGHTS:- The supplier/contractor should have proper and valid licence / right to the use of and/ or supply the product/ services for their design, material or manufacturing and it's patent, trademark or industrial design rights in the purchaser's country. The supplier/contractor should safeguard the interest of the purchaser from any third party claim towards the infringement of it and indemnify the purchaser.  
The quote should be given in the following format.
53. The rate quoted by the participating Firm/Agency/Company should not be higher than the rates at which the Chemicals/Glass ware/Plastic ware items are being supplied by it to other Govt. Institutes/Ministries/Departments/PSUs. If subsequently it is found that the firm has supplied such Chemical/Glass ware/Plastic ware items at higher rates to the institute, the excess amount shall be recovered from the Performance Security and/or from the pending bills of the firm along with a penalty of Rs. 500/- (Five Hundred) on firm on such occasion and shall be doubled on subsequent occasions.
54. In case any of Tendered found that he/her has charged the higher rates for any of item(s) more than the prevailing MRP rates, the appropriate strict action like forfeitures of EMD and other charges may be filed against the supplier
55. Any complementary scheme offered by the manufacturer through the authorized Dealer/Distributor (Manufacturer Authorization Certificate should be provided in case of authorized Dealer/Distributor in the prescribed format) shall be provided to the Institute with no additional cost.

56. If the selected Agency fails to deliver the Laboratory Chemicals, Glass Ware, Plastic Ware, General Items or replace the defected / spurious items within the stipulated date & time, a penalty on a daily basis for delay @ Rs. 500/- (Rupees Five Hundred) on per day basis, subject to maximum of Rs. 5000/- per item as penalty and the actual cost paid to be an outside agency by the National Institute of Technology, Trichy for the desired Laboratory Chemicals (all Grades) / Glass ware / Plastic ware / General items, shall be deducted from the firm's pending bills or Performance Security, as the case may be.
57. The Agency shall be bound by the details furnished by him / her to the National Institute of Technology, Trichy while submitting the tender or at subsequent stage. Upon selection of the agency, if at any stage, the documents furnished by him / her is found to be false or the quality of The articles or rates are found of poor quality / different specifications, it would be deemed to be a breach of terms of contract, the contract shall be cancelled and performance security shall be stand forfeited.
58. The rate quoted by the selected Agency, and as approved by the Institute, shall remain valid throughout the period of contract and the request to increase the rates for any or all items, during the currency of contract, shall not be entertained at any stage.
59. The selected agency shall not be allowed to transfer, assign, pledge or sub contract its rights and liabilities under this contract to any other agencies without prior written consent of the National Institute of Technology, Trichy. If it is found that the firm has given sub-contract for supply of Laboratory Chemicals, Glass Ware, Plastic Ware, General Items, etc. on the basis of procurement / supply order, the contract shall stand cancelled & the performance security shall stand forfeited.
60. The National Institute of Technology, Trichy shall not be responsible for any financial loss or other damaged or injury to any item or person deployed / supplied by the successful bidder in the course of their performing the duties to this office in connection with purchase order /
61. The Tenderer should be a reputed & financially sound Supplier having minimum experience of three years and expertise in supplies to any Government Laboratories/ Research Institutes/ PSU/ Educational Institutional Complex. Proof of experience in the form of copy of certificates obtained from such Institution/Govt. Dept. etc. should be enclosed. Copy of Income Tax Return, Audited Annual Accounts for the last three years may also be enclosed with the Technical Bid.

**Validity of bids:** The rate quote should be valid for a minimum of 120 days. No claim for escalation of rate will be considered after opening the Tender.

**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 Notice Inviting Tender.

**Clarification of Tender Document:** A prospective bidder requiring any clarification of the Tender document may communicate to the contact person given in this notice inviting tender.

**Amendment of tender 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 Tender document by an amendment.

***The Institute may at its own discretion extend the last date for the receipt of bids.***

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.

The Institute reserves the right of accepting any bid other than the lowest or even rejecting all the bids without assigning any reasons therefor. The decision of the Institute Purchase Committee is final in all matters of tender and purchase.

**The bidder should give the following declaration while submitting the Tender.**



**ACCEPTANCE**

We accept the above terms and conditions and shall comply with them strictly.

**NAME OF THE VENDOR:**

**ADDRESS :**

**Signature and seal**

**“DETAILS OF THE FIRM OFFERING THIS QUOTE”**

**(Write or print or type in block letters)**

1. Name of the firm: \_\_\_\_\_
2. Date of incorporation: \_\_\_\_\_
2. Nature of the company (tick one): Government / Public / Private Company / Partnership / Proprietorship
3. Specify the number of years in this line of activity by the Company: ..
4. Quantity of sales in the last three years for the “.....” (same model that you have quoted):

| 2010-2011 | 2011-2012 | 2012-2013 |
|-----------|-----------|-----------|
|           |           |           |

5. Turnover in the last three years (Lakh Indian Rupees):

| 2010-2011 | 2011-2012 | 2012-2013 |
|-----------|-----------|-----------|
|           |           |           |

6. Provide the postal address, telephone & fax numbers, and email address of the nearest service center.
7. Number of service engineers in the above location trained on the product quoted along with their educational qualification, certification and designation (applicable only for instruments):
8. Assured response time for service calls in hours:
9. Delivery period from the date an official purchase order placed (in weeks):
10. Enclose the list of customers to whom you have supplied “.....” during the last 3 years ending 31/03/2013 with full postal address and name of the contact person with phone, FAX numbers, and E-Mail id. Certificate regarding satisfactory performance of the “.....” from the minimum three end users should be furnished.

Are you the authorized dealer or distributor or reseller for the products quoted?

11. Have you supplied “.....” to National Institute of Technology, Tiruchirappalli in the last 3 years? If yes, specify the quantity supplied in the last 3 years and last PO reference:
12. Was there any elapse or delay in supplying the goods ordered or any service related issue during the warranty period for the products ordered by NIT-T with your firm? If yes, provide details.
13. On Manufacturer’s Side to whom NITT have to contact in case of delayed in supply and other issues committed by the authorized dealer / distributor / reseller :

|                       |                          |
|-----------------------|--------------------------|
| Contact Person Name : |                          |
| Address :             |                          |
| E-mail ID :           | Telephone / Cell Phone : |

**DECLARATION**

I/we have not tampered/modified the tender forms in any manner. In case, if the same is found to be tampered/modified, I/we understand that my/our tender 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**

## CERTIFICATE

1. I, \_\_\_\_\_ Son / Daughter / Wife of Shri \_\_\_\_\_ Proprietor / Director / authorized signatory of the agency / Firm, mentioned above, is competent to sign this declaration and execute this tender document.

2. I have carefully read and understood all the terms and conditions of the tender and undertake to abide by them.

3. I, do hereby certified that the representative of our firm shall be place the samples of Laboratory Chemicals / Glass Ware / Plastic Ware / Lab Ware / General Items quoted by our firm (without indicating price, clear marking of firm / agency name in each of item) for the Department of Chemistry, NIT, Trichy on the receiving of official intimation from competent Authority of the University regarding the "Technical Responsiveness of our firm for this Tender".

4. The rates of each Laboratory Chemical / Glass ware / Plastic ware / Lab Ware / General items, those samples kept at institute have already been quoted in the Financial Bid accordingly, and sealed, signed, Financial Bid kept in Financial Bid envelope.

5. The information / documents furnished along with the above application are true and authentic to the best of my knowledge and belief. I / we, am / are well aware of the fact that furnishing of any false information / fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.

6. I, do hereby, declare that the our firm has neither been blacklisted / nor criminal case is pending against our firm (attach an affidavit duly notarized on Stamp Paper Worth of Rs. 50/-) stating that no criminal / Black listing case is pending against the firm) by any of the Govt. Institute/Ministries/Departments/PSUs with which the firm had contracted for Supply of Laboratory Chemicals, Glass Ware, Plastic Ware Items etc. during the last Three years nor has been penalized by such Offices/organizations for supply of poor/spurious Laboratory Chemicals, Glass Ware, Plastic Ware Items etc.

### **(Signature of authorized person)**

Date: \_\_\_\_\_

Place: \_\_\_\_\_

Full Name: \_\_\_\_\_

Seal: \_\_\_\_\_

**SECTION : 3 – SCHEDULE OF REQUIREMENTS, SPECIFICATIONS AND  
ALLIED DETAILS**

**Specification for Chemicals & Glassware**

Name of the Component to be procured : Chemicals & Glassware

Specifications : List enclosed

Quantity : Approximate quantity is mentioned in the list of required chemicals & glassware. This is subject to change.

Any other details/requirement: Nil

Warranty period required (years): Not Applicable

Delivery schedule expected after release of purchase order (in weeks) : 6 weeks

EMD (in Rupees) : Not Applicable

Performance Security to be given by the successful bidder after release of purchase order (in Rupees) : Refer section-2, point No. 27

**SECTION : 4 – PRICE SCHEDULE**

**To be used by the bidder for submission of the price bid**

1. Component Name:
2. Specifications (confirming to Section 3 of Tender document-enclose additional sheets if necessary):
3. Currency and Unit cost (excluding Taxes):
4. Quantity:
5. Item cost (Sl.No.3 \* Sl.No.4) (in Indian Rupee):
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. Total cost (Inclusive of all taxes) :
8. Warranty period (confirming to the Section 3 of Tender document. This should be mentioned in Technical bid also in order to get qualified for price bid):
9. Delivery Schedule (confirming to the Section 3 of Tender document):
10. Name and address of the firm for placing purchase order:
11. Name and address of Indian authorized agent (in case of imports only):

Signature & seal of the firm

**Signature of the Bidder** : .....

**Name and Designation** : .....

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

**Place :**

**Date :**

**Seal of the Bidder's Firm**

(Note: All column should be filled. No column should be left blank. If any column is not filled-in properly or left empty then the bid will be rejected.)

**SECTION : 5 – CONTRACT FORM**

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**To be provided by the bidder in their business letter head**

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[Name of the Supplier's Firm] hereby abide to deliver the .....by the delivery schedule mentioned in the Section 3 of the Tender document for supply of the items if the purchase order is awarded.

The item will be supplied conforming to the specifications stated in the tender document without any defect and deviations.

Warranty will be given for the period mentioned in the tender 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**

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPALLI

Annexure-A

**MODEL PRICE BID FORMAT FOR INDIAN BIDDERS**

Tender No. & Date:

Bidder's Offer No. & Date:

| SI No. | Description of item with specification | Quantity | Unit rate (Rs.) | Total amount (Rs.) |          |
|--------|--|----------|-----------------|--------------------|----------|
|        |  |          |                 | In figures         | In words |
|        |  |          |                 |                    |          |

Signature & Seal of Vendor

**Note: The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, in case the item is "Not Applicable". If this format is not used or any column is left blank, then the bid will be rejected.**



NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI-620015  
DEPARTMENT OF CHEMISTRY

| Sl.No. | Chemicals                    | Quantity |
|--------|------------------------------|----------|
| 1      | n-Amyl alcohol               | 1 L      |
| 2      | 1-Naphthol                   | 500 g    |
| 3      | 2, 4-dinitrophenyl hydrazine | 500 g    |
| 4      | 2-Naphthol                   | 500 g    |
| 5      | 40 % Formalin solution       | 500 ml   |
| 6      | 8-Hydroxy quionline          | 250 g    |
| 7      | Absolute ethanol             | 5 L      |
| 8      | Acetanilide                  | 500 g    |
| 9      | Acetic anhydride             | 500 mL   |
| 10     | Acetone                      | 5 L      |
| 11     | Acetyl acetone               | 500 mL   |
| 12     | Acetyl salicylic acid        | 500 mL   |
| 13     | Activated charcoal           | 3 kg     |
| 14     | Agar agar                    | 500 g    |
| 15     | Alizarin S                   | 50 g     |
| 16     | Alpha-benzoinoxime (Cupron)  | 50 g     |
| 17     | Aluminium chloride           | 500 g    |
| 18     | Aluminium nitrate            | 500 g    |
| 19     | Aluminon                     | 50 g     |
| 20     | Ammonia                      | 15 L     |
| 21     | Ammonium acetate             | 2 kg     |
| 22     | Ammonium carbonate           | 500 g    |
| 23     | Ammonium chloride            | 2 kg     |
| 24     | Ammonium fluoride            | 500 g    |
| 25     | Ammonium hydroxide           | 2.5 L    |
| 26     | Ammonium mercurithiocyanate  | 50 g     |
| 27     | Ammonium molybdate           | 100 g    |
| 28     | Ammonium nitrate             | 4 kg     |
| 29     | Ammonium oxalate             | 1 kg     |
| 30     | Ammonium sulphate            | 500 g    |
| 31     | Ammonium thiocyanate         | 500 g    |
| 32     | Anhydrous aluminium chloride | 100 g    |
| 33     | Aniline                      | 500 mL   |
| 34     | Anthranilic acid             | 500 g    |
| 35     | Ascorbic acid                | 500 mL   |
| 36     | Barium chloride              | 1 kg     |

|    |                             |        |
|----|-----------------------------|--------|
| 37 | Barium nitrate              | 500 g  |
| 38 | Benzamide                   | 500 g  |
| 39 | Benzene                     | 2.5 mL |
| 40 | Benzidine                   | 50 g   |
| 41 | Benzoic acid                | 500 mL |
| 42 | Benzophenone                | 500 g  |
| 43 | Benzoyl chloride            | 500 mL |
| 44 | Benzyl chloride             | 500 mL |
| 45 | Beryllium nitrate           | 500 g  |
| 46 | Bismuth chloride            | 500 g  |
| 47 | Bismuth nitrate             | 500 g  |
| 48 | Bleaching powder            | 1 kg   |
| 49 | Borsche's reagent           | 100 mL |
| 50 | Bromine                     | 400 mL |
| 51 | Bromine water               | 500 mL |
| 52 | Cadion-2B                   | 50 g   |
| 53 | Cadmium chloride            | 500 g  |
| 54 | Cadmium nitrate             | 500 g  |
| 55 | Calcium chloride            | 500 g  |
| 56 | Calcium nitrate             | 500 g  |
| 57 | Carbaryl                    | 250 g  |
| 58 | Carbofuran                  | 250 g  |
| 59 | Carbon tetrachloride        | 15 L   |
| 60 | Catechol                    | 50 g   |
| 61 | Ceric ammonium nitrate      | 100 g  |
| 62 | Cerium(III) nitrate         | 500 g  |
| 63 | Chloro benzene              | 500 mL |
| 64 | Chloroform                  | 10 L   |
| 65 | Cinnamic acid               | 500 mL |
| 66 | Cobalt nitrate              | 500 g  |
| 67 | Cobaltous chloride          | 500 g  |
| 68 | Con. nitric acid            | 20 L   |
| 69 | Con. sulphuric acid         | 25 L   |
| 70 | Con. hydrochloric acid      | 50 L   |
| 71 | Copper sulphate             | 2 kg   |
| 72 | Copper(II) chloride         | 500 g  |
| 73 | Copper(II) nitrate          | 500 g  |
| 74 | Cupric sulfate (Fehling A)  | 500 g  |
| 75 | Diethyl ether               | 500 mL |
| 76 | Dimethylglyoxime            | 1 kg   |
| 77 | Diphenyl hydrazine          | 50 g   |
| 78 | Dipicrylamine               | 50 g   |
| 79 | Disodium hydrogen phosphate | 500 g  |
| 80 | EDTA                        | 2 kg   |
| 81 | Eriochrome black T          | 500 g  |

|     |  |        |
|-----|--|--------|
| 82  | Ethanol  | 10 L   |
| 83  | Ethyl acetate  | 10 L   |
| 84  | Ethyl methyl ketone                                  | 500 mL |
| 85  | Ethylene diamine                                     | 500 mL |
| 86  | Fehling's solution                                   | 500 mL |
| 87  | Ferric alum  | 500 g  |
| 88  | Ferric chloride                                      | 1 kg   |
| 89  | Ferrous ammonium sulphate                            | 5 kg   |
| 90  | Ferrous sulphide                                     | 10 kg  |
| 91  | Formaldehyde   | 500 mL |
| 952 | Formetamate  | 250 g  |
| 93  | Glacial acetic acid                                  | 25 L   |
| 94  | Glucose  | 1 kg   |
| 95  | Hexamethylenetetramine                               | 250 g  |
| 96  | Hexane   | 2.5 mL |
| 97  | Hydrazine hydrochloride                              | 500 g  |
| 98  | Hydrogen peroxide                                    | 2 L    |
| 99  | Hydroxylamine hydrochloride                          | 500 g  |
| 100 | Iodine   | 250 g  |
| 101 | L-(-)-Norepinephrine (+)-bitartrate salt monohydrate | 1 g    |
| 102 | Lead acetate   | 1 kg   |
| 103 | Lead chloride  | 500 g  |
| 104 | Lead nitrate   | 500 g  |
| 105 | Liquid ammonia                                       | 2.5 L  |
| 106 | Lithium chloride                                     | 100 g  |
| 107 | Litmus paper   |        |
| 108 | Magnesium chloride                                   | 500 g  |
| 109 | Magnesium nitrate                                    | 500 g  |
| 110 | Magneson   | 50 g   |
| 111 | Manganese chloride                                   | 500 g  |
| 112 | Manganese nitrate                                    | 500 g  |
| 113 | Manganous sulphate                                   | 500 g  |
| 114 | Mercuric chloride                                    | 500 g  |
| 115 | Mercurous chloride                                   | 500 g  |
| 116 | Methanol   | 2 L    |
| 117 | Methomyl   | 100 g  |
| 118 | Methyl benzoate                                      | 500 mL |
| 119 | Methyl iodide  | 500 mL |
| 120 | Methyl orange  | 100 g  |
| 121 | Methyl salicylate                                    | 500 mL |
| 122 | Methylene blue                                       | 500 mL |
| 123 | m-Nitro benzoic acid                                 | 500 g  |
| 124 | Naphthalene  | 500 g  |
| 125 | Nickel chloride                                      | 500 g  |
| 126 | Nickel nitrate                                       | 500 g  |
| 127 | Nickel sulphate                                      | 500 g  |
| 128 | Nitro benzene  | 500 mL |

|     |  |        |
|-----|--|--------|
| 129 | Oxalic acid  | 6 kg   |
| 130 | Petroleum ether                                    | 2.5 L  |
| 131 | Phenol   | 500 mL |
| 132 | Phenolphthalein                                    | 3 L    |
| 133 | Phenyl hydrazine                                   | 500 g  |
| 134 | Phosphoric acid                                    | 1 L    |
| 135 | Phthalic acid                                      | 500 mL |
| 136 | Phthalic anhydride                                 | 500 mL |
| 137 | Picric acid  | 500 g  |
| 138 | Picolonic acid                                     | 50 g   |
| 139 | Poly vinyl alcohol                                 | 500 g  |
| 140 | Potassium hydroxide                                | 500 g  |
| 141 | Potassium bromate                                  | 500 g  |
| 142 | Potassium bromide                                  | 1 kg   |
| 143 | Potassium bromide (spectroscopic grades)           | 100g   |
| 144 | Potassium chlorate                                 | 500 g  |
| 145 | Potassium chloride                                 | 2 kg   |
| 146 | Potassium chromate                                 | 1 kg   |
| 147 | Potassium dichromate                               | 1 kg   |
| 148 | Potassium ferricyanide                             | 500 g  |
| 149 | Potassium ferrocyanide                             | 1 kg   |
| 150 | Potassium hydroxide                                | 2 kg   |
| 151 | Potassium iodide                                   | 15 kg  |
| 152 | Potassium nitrate                                  | 500 g  |
| 153 | Potassium oxalate                                  | 500 g  |
| 154 | Potassium periodate                                | 50 g   |
| 155 | Potassium permanganate                             | 500 g  |
| 156 | Potassium persulphate                              | 250 g  |
| 157 | Potassium tellurite                                | 100 g  |
| 158 | Potassium thiocyanate                              | 500 g  |
| 159 | Quinalizarin                                       | 50 g   |
| 160 | Resorcinol   | 500 g  |
| 161 | Roschelle salt                                     | 250 g  |
| 162 | Salicylic acid                                     | 500 mL |
| 163 | s-benzylisothiuronium chloride                     | 250 mL |
| 164 | Schiff's reagent                                   | 250 g  |
| 165 | Selenium dioxide                                   | 100 g  |
| 166 | Semicarbazide                                      | 500 g  |
| 167 | Semicarbazide hydrochloride                        | 500 g  |
| 168 | Silica gel (for column chromatography 60-120 mesh) | 500 g  |
| 169 | Silver nitrate                                     | 1 kg   |
| 170 | Sodalime   | 250 g  |
| 171 | Sodium acetate trihydrate                          | 500 g  |
| 172 | Sodium bismuthate                                  | 500 g  |
| 173 | Sodium carbonate                                   | 500 g  |
| 174 | Sodium chloride                                    | 2 kg   |
| 175 | Sodium hexanitrito cobalt(II)                      | 50 g   |

|     |                           |        |
|-----|---------------------------|--------|
| 176 | Sodium hydroxide          | 30 kg  |
| 177 | Sodium meta vanadate      | 100 g  |
| 178 | Sodium metal              | 500 g  |
| 179 | Sodium nitrate            | 1 kg   |
| 180 | Sodium nitroprusside      | 500 g  |
| 181 | Sodium potassium tartrate | 250 g  |
| 182 | Sodium rhodizonate        | 50 g   |
| 183 | Sodium thiosulfate        | 10 kg  |
| 184 | Sodium tungstate          | 100 g  |
| 185 | Sodium bicarbonate        | 500 g  |
| 186 | Spot plate                | 50     |
| 187 | Starch                    | 1 kg   |
| 188 | Stannous chloride         | 500 g  |
| 189 | Strontium chloride        | 500 g  |
| 190 | Strontium nitrate         | 500 g  |
| 191 | Succinic acid             | 500 mL |
| 192 | Sulphanilamide            | 500 mL |
| 193 | Tartaric acid             | 500 g  |
| 194 | Tellurium trioxide        | 500 g  |
| 195 | Thallium (I) chloride     | 100 g  |
| 196 | Thallium (I) nitrate      | 500 g  |
| 197 | Thallium(III) nitrate     | 500 g  |
| 198 | Thiourea                  | 1 kg   |
| 199 | Thorium nitrate           | 100 g  |
| 200 | Tin                       | 250 g  |
| 201 | Tin(II) chloride          | 500 g  |
| 202 | Titanium(IV) nitrate      | 100 g  |
| 203 | Tollens reagent           | 250 g  |
| 204 | Toluene                   | 1 L    |
| 205 | Triton X-100              | 1 L    |
| 206 | Tungstic acid             | 100 g  |
| 207 | Uranyl acetate            | 250 g  |
| 208 | Uranyl nitrate            | 500 g  |
| 209 | Urea                      | 500 g  |
| 210 | Vanadium pentoxide        | 100 g  |
| 211 | Washing soda              | 1 kg   |
| 212 | Whattmann 40 filter paper |        |
| 213 | Zinc acetate              | 250 g  |
| 214 | Zinc chloride             | 500 g  |
| 215 | Zinc dust                 | 500 g  |
| 216 | Zinc nitrate              | 500 g  |
| 217 | Zirconyl chloride         | 100 g  |
| 218 | Zirconyl nitrate          | 100 g  |
| 219 | Zinc sulphate             | 500 g  |
| 220 | Vitamin E                 | 50 g   |
| 221 | Nitro blue tetrazolium    | 250 mg |
| 222 | $\beta$ -NADH             | 100 mg |

|     |  |        |
|-----|--|--------|
| 223 | Phenazinemethosulfate                  | 500 mg |
| 224 | Sodium nitroprusside                   | 100 g  |
| 225 | Dipotassium hydrogen orthophosphate    | 500 g  |
| 226 | Potassium Dihydrogen orthophosphate    | 500 g  |
| 227 | Sulphanilamide extra pure              | 100 g  |
| 228 | Nicotinamide extra pure                | 100 g  |
| 229 | Naphthylethylenediaminedihydrochloride | 25 g   |
| 230 | Trichloro acetic acid                  | 500 g  |
| 231 | 1,2,4-triazole                         | 100 g  |
| 232 | Barium sulfate extra pure              | 500 g  |
| 233 | Zinc nitrate hexahydrate               | 500 g  |
| 234 | Benzaldehyde                           | 500 mL |
| 235 | Toluene extra pure                     | 1 L    |
| 236 | Methanol extra pure                    | 2.5 L  |
| 237 | Calcium chloride (Fused)               | 500 g  |
| 238 | Graphene nano powder                   | 2 g    |
| 239 | Graphite nano powder                   | 5 g    |
| 240 | Vulcan X carbon                        | 100 g  |
| 241 | Hexachloro platinic acid               | 1 g    |
| 242 | Hexachloro iridium(IV) acid            | 1 g    |
| 243 | Pyrrole                                | 100 mL |
| 244 | 2-Bromobenzylamine hydrochloride       | 5 g    |
| 245 | 2-Bromobenzaldehyde                    | 25 g   |
| 246 | Isophthalaldehyde                      | 5 g    |
| 247 | 2-Bromoacetophenone                    | 25 mL  |
| 248 | Pluronic P123                          | 250 mL |
| 249 | Hydroxylamine hydrochloride            | 100 g  |
| 250 | Sodium tellurite                       | 10 g   |
| 251 | Thioglycolic acid                      | 100 mL |
| 252 | 2-Methoxyethanol                       | 1 L    |
| 253 | Cerium(III) nitrate hexahydrate        | 100 g  |
| 254 | Molecular sieve (3A)                   | 250 g  |
| 255 | Molecular sieve (4A)                   | 250 g  |
| 256 | Pyrrole-2-carboxaldehyde               | 5 g    |
| 257 | tert-Butyl methyl ether                | 1 L    |
| 258 | Tetrabutylammonium fluoride hydrate    | 10 g   |
| 259 | (R,R)-1,2-diaminocyclohexane           | 1 g    |
| 260 | THF                                    | 1 L    |
| 261 | Carbinol                               | 2.5 L  |
| 262 | Diethylether                           | 2.5 L  |
| 263 | Neutral red (Dye content $\geq 90$ %)  | 1 g    |
| 264 | N - acetyl cysteine                    | 10 g   |
| 265 | Caffeine (99.7%)                       | 25 g   |
| 266 | Theobromine (99%)                      | 50 g   |
| 267 | Aliquat 336                            | 250 mL |
| 268 | Triton X-114                           | 100 mL |
| 269 | pH paper                               |        |

|     |                                      |        |
|-----|--------------------------------------|--------|
| 270 | Tetrabutyl ammonium acetate          | 25 mL  |
| 271 | Tetrabutyl ammonium fluoride         | 5 g    |
| 272 | Tetrabutyl ammonium chloride         | 5 g    |
| 273 | Tetrabutyl ammonium hydroxide        | 5 g    |
| 274 | Tetrabutyl ammonium sulfate          | 5 g    |
| 275 | 3,5-diamino-1,2,4- triazole          | 25 g   |
| 276 | Ethidium bromide (Bio reagent grade) | 1 g    |
| 277 | Orange dye (Bio reagent grade)       | 5 g    |
| 278 | Silicon oil                          | 500 mL |
| 279 | 2-acetylpyrrole                      | 5 g    |
| 280 | 2-acetylfuran                        | 25 g   |
| 281 | Bromoform                            | 100 mL |
| 282 | DMF                                  | 250 mL |

Note: Accepted brands are mentioned in the terms & conditions

## DEPARTMENT OF CHEMISTRY

| Sl.No. | Glassware                                     |
|--------|---|
| 1.     | Beaker (100 mL)                               |
| 2.     | Burette (10 mL)                               |
| 3.     | Burette (25 mL)                               |
| 4.     | Burette (50 mL)                               |
| 5.     | Carboy with stopcork (LDPE) 10 mL             |
| 6.     | Carboy with stopcork (LDPE) 20 mL             |
| 7.     | Carboy with stopcork (LDPE) 30 mL             |
| 8.     | Combined electrode                            |
| 9.     | Conductivity cell                             |
| 10.    | Conical flask (250 mL)                        |
| 11.    | Cork for filtration set up                    |
| 12.    | Glass electrode                               |
| 13.    | Laboratory Retort stand kit                   |
| 14.    | Melting point capillaries one end fused 4"    |
| 15.    | Nickel spatula (SS)                           |
| 16.    | Pipette (10 mL)                               |
| 17.    | Pipette (20 mL)                               |
| 18.    | Pipette (50 mL)                               |
| 19.    | Plastic beaker (100 mL)                       |
| 20.    | Silver Electrode                              |
| 21.    | Spot Plate                                    |
| 22.    | Standard Measuring Flask (25 mL)              |
| 23.    | Standard Measuring Flask (50 mL)              |
| 24.    | Standard Measuring Flask (100 mL)             |
| 25.    | Standard Measuring Flask (250 mL)             |
| 26.    | Stopper for Standard Measuring Flask (250 mL) |
| 27.    | Wash bottle (1 L)                             |
| 28.    | Water circulation tube (polythene)            |