



# NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

MAHATMA GANDHI AVENUE  
DURGAPUR –713 209, WEST BENGAL, INDIA

**BID REFERENCE:** NITD/CHEMISTRY/DOC17/CHEMICAL/2

**Date:** 21.02.2018

To

\_\_\_\_\_

\_\_\_\_\_

Dear Sir,

**SUB: Invitation for quotations for supply Chemicals in the Department of Chemistry, NIT Durgapur**

1. You are invited to submit your most competitive quotation for the listed items of as per **Annexure-I**. Bidder has to quote the price for each item as per specification (both essential and optional items).

2. **Bid Price:** The bid price may be quoted in **Indian Rupees and as per the format given in Annexure-I**. Transportation cost upto Department of Chemistry, NIT Durgapur should be included in the total price.

**Validity:** Quotation shall remain valid for a period not less than 90 days after the deadline date specified for submission.

3. **The bid submitted by the bidder must comprise the following:**

**Part – I (Techno-commercial Bid)**

- (a) **Authorized dealership certificate or sub-authorization from an authorized dealer (along with the certification of the authorized dealer) of the original manufacturer of chemicals as specified in Ann. 1.**
- (b) Credentials and list of organizations where the bidder supplied similar items. Details of successful delivery of high volume order within last three years in reputed academic/research/industrial organization.
- (c) Valid GST documentation, along with latest tax clearance certificate.
- (d) **6% of the total quoted price as EMD** in form of Bank draft in favour of NIT Durgapur.

**Part – II (Price Bid):** Price bid as per Annexure-I.

**Bidder has to quote for all the items as per requirement. The quotations will be evaluated considering the TOTAL cost (including GST of 5%\*) considering all the items. If any item from required manufacturer and grade is not available (see ANN.-I), next lower grade or that from some other manufacturer with highest available grade can be quoted.**

1/2

4. **Delivery: At the Department of Chemistry, NIT Durgapur within 60 days from the date of receiving of Purchase order. Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.
5. Payment shall be made within 30 days after successful delivery of all the items as per purchase order. EMD of the successful bidder will be returned after release of payment.
6. Purchaser 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 without citing any reason whatsoever.
7. All other terms and conditions of GFR 2017 of the Government of India will be applicable.
8. Settlement of any dispute will be made under the jurisdiction of Durgapur Court of Law.
9. You are requested to provide your offer latest by 15.00 hours on March 08, 2018.
10. The purchaser will open the bids at 15.30 hours on March 08, 2018 in the HOD office of Chemistry Department, NIT Durgapur.

**Head, Chemistry Department**

**The bid must be addressed to:**

**Head, Department of Chemistry**

**NIT, Durgapur -713209, W.B.**

**For any clarification contact: + 91-9434788066**

**ANNEXURE-1****Required brand with grade/quality:****Merck (EMPARTA)/SRL(AR, ACS), /Alfa-Aesar (ACS, >98-99%)**

Sr. No.	Item	Unit	Brand with quality and cat no.	Unit price	GST at 5%*	Net Unit Price Including GST
1.	Triphenylphosphine	5 gm				
2.	Cinnamic acid extrapure	250 gm				
3.	D(+)-Glucose, anhydrous (Dextrose)	500 gm				
4.	L(+)-Arabinose	25 gm				
5.	D(+)-Xylose for biochemistry	25 gm				
6.	Galactose	25 gm				
7.	Glycine for analysis	500 gm				
8.	L-Alanine	100 gm				
9.	L-Aspartic acid for biochemistry	100 gm				

10.	L-Valine for biochemistry	25 gm				
11.	Bromobenzene for synthesis	5 ml				
12.	Ethyl bromoacetate for synthesis	250 ml				
13.	Lithium aluminium hydride (powder) for synthesis	10 gm				
14.	Sodium borohydride	100 gm				
15.	Diethyl ether	500 ml				
16.	Benzene extrapure	500 ml				
17.	Magnesium turnings acc. to Grignard for synthesis	250 gm				
18.	Iodine for analysis	100 gm				
19.	Sodium nitroprusside dihydrate for analysis	100 gm				
20.	Tetrahydrofuran	500 ml				

21.	Sodium sulfate anhydrous	500 gm				
22.	Toluene	500 ml				
23.	Potassium chromate	500 gm				
24.	Sodium dichromate dihydrate	500 gm				
25.	Lead(II) acetate trihydrate	500 gm				
26.	Ammonium carbonate	500 gm				
27.	1-5-Diphenylcarbazide	25 gm				
28.	Potassium nitrate	500 gm				
29.	Sodium nitroprusside dihydrate for analysis	100 gm				
30.	Ammonium heptamolybdate tetrahydrate	100 gm				
31.	Calcium fluoride 97% Extra Pure	500 gm				
32.	Crystal violet (C.I. 42555) for microscopy	25 gm				
33.	1,10-Phenanthroline (anhydrous) for synthesis	5 gm				

34.	Ammonia solution about 25%	500 ml				
35.	Rubeanic acid GR for analysis	10 gm				
36.	Sodium sulphide	500 gm				
37.	Ammonium sulphide solution 20%	500 ml				
38.	Potassium thiocyanate	500 gm				
39.	Ammonium thiocyanate	500 gm				
40.	Cobalt (II) acetate tetrahydrate	500 gm				
41.	Zinc filings for analysis	500 gm				
42.	Copper (II) chloride dehydrate	500 gm				
43.	Silver nitrate	25 gm				
44.	Methanol/carbinol	500 ml				
45.	Acetic acid glacial 99 - 100%	500 ml				
46.	Rhodamine B for microscopy	25 gm				

47.	Sodium hydrosulphide 30% Extra Pure (Sodium hydrogen sulphide)	2.5 ltr				
48.	Cacotheline 95% AR	5 gm				
49.	Iron (metal) powder 99.5% Electrolytic (250-300 mesh)	1 kg				
50.	Tin(II) chloride dihydrate	100 gm				
51.	Methylene blue (alkaline Loeffler's) stain solution	125 ml				
52.	Acetone	500 ml				
53.	Dimethylglyoxime	100 gm				
54.	Sodium bismuthate 80% Extra Pure	100 gm				
55.	Zinc sulfate heptahydrate	500 gm				
56.	Copper (II) sulfate pentahydrate	500 gm				
57.	Mercury(II) chloride	250 gm				
58.	Titriplex® III Pure (ethylene dinitrilo tetraacetic acid disodium salt dihydrate)	100 gm				
59.	Magnesium chloride hexahydrate	500 gm				

60.	Ammonium acetate	500 gm				
61.	Sodium rhodizonate 98.5% AR	1 gm				
62.	Ammonium sulfate	500 gm				
63.	Barium chloride dihydrate	500 gm				
64.	Titan yellow AR	10 gm				
65.	Sodium nitrate	500 gm				
66.	Uranyl acetate dihydrate 98%	5 gm				
67.	Zinc acetate dihydrate	500 gm				
68.	pH indicator paper pH 1.0 - 14.0 (with colour scale)	10 bkts				
69.	Sodium chloride	500 gm				
70.	Sodium cobaltinitrite Extra Pure	100 gm				
71.	Mercury(II) iodide red	100 gm				
72.	Alizarine red S	25 gm				
73.	Zirconyl nitrate hydrate 99.5%	100 gm				



74.	Fluorescein (C.I. 45350)	25 gm				
75.	Gram's fuchsin solution	250 ml				
76.	Chlorine water	500 ml				
77.	Carbon disulfide	500 gm				
78.	Sulfanilamide GR for analysis	100 gm				
79.	1-Naphthylamine for synthesis	100 gm				
80.	Zinc powder	500 gm				
81.	Sodium azide	500 gm				
82.	Iron (II)sulfide	500 gm				
83.	Isopropanol (extrapure)	500 ml				
84.	Cadmium carbonate Extra Pure	100 gm				
85.	Zinc sulfate heptahydrate	500 gm				
86.	Salicylic acid	500 gm				
87.	Iron(III) chloride anhydrous	500 gm				

88.	Vanadium pentoxide 98% Extra Pure	100 gm				
89.	Sulfuric acid about 98%	500 ml				
90.	Ethanol Dehydrated	500 ml				
91.	Acetylacetone	500 ml				
92.	Sodium carbonate anhydrous	500 gm				
93.	Iron(II) sulfate heptahydrate	500 gm				
94.	Hexane	500 ml				
95.	Barium chloride dihydrate	500 gm				
96.	Cobalt (II) chloride hexahydrate	100 gm				
97.	TLC silica gel 60, Aluminium backed, Layer thickness: 200 µm, Silica gel 60 F254, 20 x 20 cm, 25 plates per pack	1 pack				
98.	Ammonium chloride	500 gm				
100.	Hydrochloric acid about 35%	2.5L				
101.	1-Naphthol lypholised	extrapure 100 gm				

102.	Petroleum benzene 40-60 °C	500 ml				
103.	Potassium permanganate	500 gm				
104.	Ammonium hydrogen difluoride	500 gm				
105.	Ferric sulphate monohydrate Extra Pure	500 gm				
106.	Heptane fraction from petroleum	2.5 ltr				
107.	Manganese(II) sulfate monohydrate	500 gm				
108.	Sodium acetate trihydrate	500 gm				
113.	2-Picolinic acid, 99%,	5 gm				
114.	1,2-Phenylenediamine synthesis	for 5 gm				
115.	4,5-Dichloro-o-phenylenediamine 97%	5 gm				
116.	Pyridine	500 ml				
117.	Sodium dodecyl sulfate Lypholised	500 gm				
119.	Aniline extrapure	500 ml				

120.	Ethyl acetoacetate	500 ml				
121.	EDTA dipotassium salt extrapure	500 gm				
121.	Phthalic acid	500 gm				
122.	Conc. Nitric acid	2.5L				
123	Manganese chloride	500 g				
124	Borax	500g				
125	Tin oxide	500g				
126	Aluminium oxide	500g				
127	Calcium phosphate	500g				
128	Sodium chloride	500g				
129	Uranyl zinc acetate	500g				
130	Magnesium sulphate	500g				
						TOTAL:Rs.

\* GST at 5% is applicable, as per Notification no. 47/2017-Integrated Tax (RATE) of Ministry of Finance (Dept. of Revenue), GOI, dated 14<sup>th</sup> Nov., 2017.

Note that actual number of unit for purchase will be decided based on the cost of the item and availability of fund.