



**UNIVERSITY OF NORTH BENGAL**  
**OFFICE OF THE REGISTRAR**  
Accredited by NAAC with Grade A

ENLIGHTENMENT TO PERFECTION

**NOTICE**

Quotations are invited from interested suppliers for purchase of chemicals and glassware for Department of Food Technology, NBU. For details, please visit [www.nbu.ac.in](http://www.nbu.ac.in).

**Advt. No. 139/ R-2019 Dated: 23.11.2019**

**Registrar**

## NOTICE

As per G.O. No. 5400-F (Y), Dated 25.06.2012

The following chemicals and glassware will be purchased for the Department of Food Technology, University of North Bengal. Interested suppliers may submit sealed quotations with GST and PAN details in a close envelope to the said office within 7 business days from the date of publication of this notice.

### List of Chemicals

| Sl.No. | Items   | Company | Code          | Quantity |
|--------|---|---------|---------------|----------|
| 1.     | Agar Agar Type 1  | Himedia | GRM666-500G   | 500g x 2 |
| 2.     | 2,6-Dichlorophenol-Indophenol Sodium Salt Hydrate 25 gm | SRL     | 35551         | 1        |
| 3.     | Agarose   | Himedia | RM6249-100G   | 100g     |
| 4.     | Ammonium Molybdate Tartarate 500 gm                     | SRL     | 10299         | 1        |
| 5.     | Amoxicillin   | Himedia | SD063-1Pk     | 1 pk     |
| 6.     | Ampicillin  | Himedia | SD002-1PK     | 1pk      |
| 7.     | Antibiotic Zone scale                                   | Himedia | PW297-3NO     | 3no      |
| 8.     | Ascorbic Acid 500 gm                                    | SRL     | 62778         | 1        |
| 9.     | Baird Parkers agar                                      | Himedia | M043-500g     | 500g     |
| 10.    | Beef Extract  | Himedia | RM002-500g    | 500g     |
| 11.    | Buffer capsule pH 4                                     | SRL     | 87767         | 4        |
| 12.    | Buffer capsule pH 7                                     | SRL     | 18533         | 4        |
| 13.    | Bile salt   | Himedia | RM009-100 gm  | 100gm    |
| 14.    | Bluple Nitrile Gloves                                   | Himedia | LA916-2xx20NO | 2x20no   |
| 15.    | Boric Acid 500 gm                                       | SRL     | 22311         | 1        |
| 16.    | Bovine serum albumin                                    | Himedia | TC545-25g     | 25g      |
| 17.    | Bromocresol Green 25 gm                                 | SRL     | 52512         | 1        |
| 18.    | Chloramphenicol   | Himedia | SD153-1PK     | 1pk      |
| 19.    | ciprofloxacin   | Himedia | SD060-1PK     | 1 pk     |
| 20.    | Clindamycin   | Himedia | SD164-1PK     | 1pk      |
| 21.    | Copper Sulphate 500gm                                   | SRL     | 38869         | 1        |
| 22.    | D glucose anhydrous                                     | Himedia | TC130-100G    | 100g x2  |
| 23.    | Deoxycholate Citrate agar                               | Himedia | GM065-500g    | 500g     |
| 24.    | Di-Sodium hydrogen phosphate anhydrous                  | Merck   | 1.93209.0521  | 500g x2  |
| 25.    | EDTA 500 gm   | SRL     | 40088         | 1        |
| 26.    | Eosin methylene blue agar                               | Himedia | M317-500g     | 500      |
| 27.    | Erythromycin  |         | SD013-1PK     | 1 pk     |
| 28.    | Ethyl Acetate 1000 ml                                   | SRL     | 62952         |          |
| 29.    | Folin Ciocalteaus Reagent 250                           | SRL     | 39520         | 1        |

|     |  |         |              |                |
|-----|--|---------|--------------|----------------|
|     | ml                                       |         |              |                |
| 30. | Formaldehyde                             | Himedia | AS017-500ml  | 1              |
| 31. | Glacial acetic acid                      | Merck   | 1.01830.2500 | 1              |
| 32. | Glucose yeast extract agar               | Himedia | M963-500g    | 500ml x2       |
| 33. | Glycerol                                 | Himedia | TC503-500ml  | 500ml x2       |
| 34. | Grams Crystal violet                     | Himedia | S012-125ml   | 5              |
| 35. | Grams Decolourizer                       | Himedia | S032-2x125ml | 2x125ml<br>(3) |
| 36. | Grams Iodine                             | Himedia | S013-125ml   | 5              |
| 37. | Hi 25 Enterobacteriaceae identification  | Himedia | KB003-5kt    | 5kt            |
| 38. | HiDispo bag -10 Autoclavable plastic bag | Himedia | PW048-250    | 250no          |
| 39. | Hydrochloric acid 1000 ml                | SRL     | 40918        | 1              |
| 40. | Iodine 500 gm                            | Himedia | 10604        | 1              |
| 41. | Kanamycin                                | Himedia | SD223-1PK    | 1pk            |
| 42. | Kovacs reagent                           | Himedia | R008-100ml   | 2              |
| 43. | Lactophenol Cotton blue                  | Himedia | S016-100ml   | 2              |
| 44. | Lactose broth                            | Himedia | M1003S-500G  | 500g           |
| 45. | Lactose, monohydrate                     | Himedia | TC144-500G   | 500g           |
| 46. | Lead Acetate 500gm                       | srl     | 72518        | 1              |
| 47. | Mac Conky Agar                           | Himedia | MH081-500G   | 500g           |
| 48. | Malachite green 1% w/v                   | Himedia | S020-500ml   | 2              |
| 49. | Methyl Red 100gm                         | SRL     | 49449        | 1              |
| 50. | Methylene blue                           | Himedia | S022-500ml   | 1              |
| 51. | MRS Broth                                | Himedia | M369-500G    | 500g           |
| 52. | Muller Hinton Agar                       | Himedia | M173-500gm   | 500 gm         |
| 53. | n- hexadecane                            | Himedia | RM2238-100ml | 100ml          |
| 54. | nalidixic acid                           | Himedia | SD021-1PK    | 1pk            |
| 55. | Nindydrin GR                             | Himedia | MB234-25gm   | 25 gm          |
| 56. | Norfloxacin                              | Himedia | SD184-1PK    | 1pk            |
| 57. | Nutrient Agar                            | Himedia | M001-5000    | 2              |
| 58. | Nutrient Broth                           | Himedia | M002-500gm   | 500g           |
| 59. | Parafilm                                 | Himedia | LA017-1 NO   | 1              |
| 60. | Penicillin G                             | Himedia | SD028-1PK    | 1 pk           |
| 61. | Peptone                                  | Himedia | RM001-500g   | 500g           |
| 62. | Pet Ether 2500 ml                        | SRL     | 15340        | 1              |
| 63. | Phenolphthalein 200 gm                   | SRL     | 90179        | 1              |
| 64. | pHydrion Insta Check Refill              | Himedia | LA350-1NO    | 3              |
| 65. | Potassium Oxalate 500 gm                 | SRL     | 77407        | 1              |
| 66. | Potassium Permanganate 500 gm            | SRL     | 36903        | 1              |
| 67. | Potassium Sodium Tartarate 500 gm        | SRL     | 18241        | 1              |
| 68. | Potassium Sulphate 500 gm                | SRL     | 73900        | 1              |
| 69. | Potato dextrose agar                     | Himedia | MH096-500g   | 500g           |
| 70. | Safranin 0.5% w/v                        | Himedia | S027-125ml   | 5              |

|     |   |         |              |         |
|-----|---|---------|--------------|---------|
| 71. | Silver Nitrate 100 gm                     | SRL     | 96045        | 1       |
| 72. | Simons Citrate agar                       | Himedia | M099-500g    | 500g    |
| 73. | Sodium Chloride                           | Merck   | 1.93606.0521 | 500g x2 |
| 74. | Sodium Hydroxide                          | Merck   | 1.93102.0521 | 500 gx2 |
| 75. | Sodium Hydroxide 1000 gm                  | SRL     | 96311        | 1       |
| 76. | Sodium Potassium Tartarate<br>500gm       | SRL     | 18241        | 1       |
| 77. | Solochrome Dark Blue 25 gm                | SRL     | 2538-85-4    | 2       |
| 78. | Stainless steel Forceps Blunt 8<br>inch   | Himedia | LA707-2NO    | 2       |
| 79. | Stainless steel Forceps Pointed 6<br>inch | Himedia | LA709-2NO    | 2       |
| 80. | Starch soluble AR                         | Himedia | GRM3029-500g | 500g    |
| 81. | Streptomycin                              | Himedia | SD091-1PK    | 1pk     |
| 82. | Streptomycin Sulphate                     | Himedia | TC035-25g    | 25g     |
| 83. | Sulphuric Acid                            | SRL     |              | 1 lit   |
| 84. | Tetracyclin                               | Himedia | SD037-1PK    | 1pk     |
| 85. | Tham 500 gm                               | SRL     | 34969        | 1       |
| 86. | Titanium Dioxide 500 gm                   | SRL     | 55788        | 1       |
| 87. | Triple sugar iron agar                    | Himedia | M021I-500G   | 500g    |
| 88. | Tryptone                                  | Himedia | M463-500g    | 500g    |
| 89. | Vancomycin                                | Himedia | SD163-1PK    | 1 pk    |
| 90. | Whatman Filer paper Grade 2V              | Whatman | 1202-125     | 100 no  |
| 91. | Yeast extract powder                      | Himedia | CR027-500G   | 500g    |
| 92. | Hi Carbo kit Part A                       | Himedia | KB009A-5kt   | 5kt     |
| 93. | Hi Carbo kit Part B                       | Himedia | KB009B1-5kt  | 5kt     |
| 94. | Hi Carbo kit Part C                       | Himedia | KB009C-5kt   | 5kt     |

### List of Glassware

| Sl. No. | Items                        | Company | Code              | Quantity |
|---------|------------------------------|---------|-------------------|----------|
| 1.      | Amber coloured Bottle 250 ml | Borosil | 1509021           | 12       |
| 2.      | Amber coloured Bottle 500 ml | Borosil | 1509024           | 12       |
| 3.      | Autoclavable L- Spreader     | Himedia | PW1085-<br>1x20NO | 1x20no   |
| 4.      | Beaker Tong 10 Inches        | Borosil | LATG8888P10       | 6        |
| 5.      | Beakers 1000ml               | Himedia | PW359-10NO        | 6        |
| 6.      | Beakers 100ml                | Borosil | 1000D16           | 20       |
| 7.      | Beakers 250ml                | Himedia | PW358-20NO        | 15       |
| 8.      | Beakers 25ml                 | Borosil | 1000006           | 15       |
| 9.      | Beakers 50ml                 | Borosil | 1000D12           | 15       |
| 10.     | Big Spoon Spatula 7.5 Inches | Borosil | LASL8888075       | 6        |
| 11.     | Burette 50ml                 | Borosil | 2130012           | 15       |
| 12.     | Capped bottles 500ml         | Borosil | 1501024           | 20       |

|     |  |         |                      |                 |
|-----|--|---------|----------------------|-----------------|
| 13. | Cattaway Spatula 8 Inches                      | Borosil | LACS8888008          | 6               |
| 14. | Cellulose Nitrate Membrane                     | Himedia | SF94B-1x100NO        | 1x 100 no       |
| 15. | Condenser                                      | Borosil | 2400090              | 3               |
| 16. | Conical Flask 100ml                            | Borosil | 4980016              | 30              |
| 17. | Conical flasks 100ml                           | Borosil | 4980016              | 30              |
| 18. | Conical flasks 250ml                           | Borosil | 4980021              | 30              |
| 19. | Conical flasks 500ml                           | Borosil | 4980024              | 15              |
| 20. | Cover slips                                    | Borosil | 9115S02              | 40 pc           |
| 21. | Crucible Tong12 Inches                         | Borosil | LATG8888F10          | 6               |
| 22. | Cryo tubes 1.8 ml                              | Himedia | CG286-1x1000NO       | 1 pkt           |
| 23. | Desiccator 300mm                               | Abg     | 3082045              | 2               |
| 24. | Dessicator Medium size                         | Tarsons | 401040               | 2               |
| 25. | Flasks 250ml                                   | Borosil | 4380C21              | 2               |
| 26. | Flasks 500ml                                   | Borosil | 4380C24              | 2               |
| 27. | Funnel 25 mm                                   | Borosil | 6140077              | 10              |
| 28. | Funnel 50mm                                    | Borosil | 6140065              | 10              |
| 29. | Glass Pipette 1ml                              | Borosil | 7060P01              | 1 (20 per case) |
| 30. | Glass slides                                   | Borosil | 9100P02              | 1 packet        |
| 31. | Hi -R18cap                                     | Himedia | PW025-100NO          | 100no           |
| 32. | Magnetic stirrer (bar)                         | Himedia | PW161-1NO            | 1x2             |
| 33. | Measuring Cylinder 100ml                       | Borosil | 3027024              | 6               |
| 34. | Measuring Cylinder 10ml                        | Borosil | 3027006              | 2               |
| 35. | Measuring Cylinder 50ml                        | Borosil | 3027012              | 2               |
| 36. | Metal loops- SS-4                              | Himedia | LA014-1x24NO         | 1x24no          |
| 37. | Micro Centrifuge Tube-C                        | Himedia | PW147-1x500NO        | 1x500no         |
| 38. | Micro Pipette tips 200µl                       | Tarsons | 521050               | 1x1000no        |
| 39. | Micro Pipette tips1000µl                       | Tarsons | 521016               | 500             |
| 40. | Micro tip 0.2-10 µl                            | Tarsons | 521000               | 1000            |
| 41. | Micro tip PP (1-20 µl)                         | Tarsons | 521050               | 1000            |
| 42. | Micro Pipette (0.5-10µl)                       | Riviera | 77301 01             | 1               |
| 43. | Micro Pipette (20-200µl)                       | Riviera | 77301 09             | 1               |
| 44. | Micro Pipette ( 100-1000µl)                    | Riviera | 77301 06             | 1               |
| 45. | Micro Pipette (2-20µl)                         | Riviera | 77301 07             | 1               |
| 46. | Microtube Rack                                 | Himedia | TCP029-1x5           | 1x5 NO          |
| 47. | One End Flat And One End Spoon Spatula 8inches | Borosil | LASP8888008          | 12              |
| 48. | PCR tubes Dome shaped (0.2ml).                 | Himedia | CG281-1x100NO        | 1x1000no        |
| 49. | PCR tubes workstation                          | Himedia | CG299-1x5NO          | 5no             |
| 50. | Petri Plates                                   | Borosil | 3165075-100 per case | 2               |
| 51. | Pipette 10ml                                   | Borosil | 7060P09              | 15              |
| 52. | Pipette 25ml                                   | Borosil | 7103009              | 15              |
| 53. | Pipette 5ml                                    | Borosil | 7060P05              | 15              |
| 54. | Pipette 1 ml                                   | Borosil |                      | 15              |
| 55. | Polyacetal Syringe Filter Holder               | Himedia | SF94-1NO             | 1               |
| 56. | Polypropylene Cryogenic Storage Box            | Himedia | PW1215-1x5NO         | 5               |
| 57. | Reagent bottle 250 ml                          | Riveria | 211612 36            | 15              |
| 58. | Reagent bottle 500ml                           | Riveria | 211613 44            | 15              |

|     |                                    |         |                |                        |
|-----|------------------------------------|---------|----------------|------------------------|
| 59. | Retort Base                        | Borosil | LARB8888H06    | 12                     |
| 60. | Rod For Base                       | Borosil | LARS8888750    | 12                     |
| 61. | Separating Funnel 500ml            | Borosil | 6403024        | 3                      |
| 62. | Single Burette Clamp               | Borosil | LABC8888B01    | 12                     |
| 63. | Soxhlet 500ml                      | Borosil | 3840020        | 3                      |
| 64. | Stand for centrifuge tubes         | Himedia | PW102-2NO      | 2no                    |
| 65. | Sterile Pharmacol                  | Himedia | PW1148-1x100NO | 1x100no                |
| 66. | Test tube ( with rim)              | Borosil | 9800U05        | 15ml<br>(800 per case) |
| 67. | Test tube rack 25 mm dia           | Himedia | PW066-5NO      | 12no                   |
| 68. | Test Tubes 16x 150mm (Without Rim) | Borosil | 9820U18        | 400 per case           |
| 69. | Test Tubes 19x125mm(Without Rim)   | Borosil | 9820U19        | 400per case            |
| 70. | Thumb Press Dispensing Dropper     | Himedia | PW136-1x50 No  | 1x50 no                |
| 71. | Tip box 0.2-10 $\mu$ l             | Tarsons | 524052         | 10 pack                |
| 72. | Tip box 1-1000 $\mu$ l             | Tarsons | 523059         | 10 pack                |
| 73. | Tip box 20-200 $\mu$ l             | Tarsons | 523053         | 10 pack                |
| 74. | Test tube holder                   |         |                | 12pcs                  |
| 75. | Volumetric Flask 100ml             | Borosil | 5641016        | 12                     |
| 76. | Volumetric Flask 250 ml            | Borosil | 5641024        | 12                     |
| 77. | Wash Plastic Bottle 500 ml         | Borosil | 166024         | 10                     |
| 78. | Distillation unit                  | Borocil | 3365041        | 01                     |

#### **Terms and conditions:**

1. The Vendor (s) should provide the self -attested copies of GST, PAN etc., failing which the quotation would not be considered.
2. In the quotation the item price and GST should be mentioned separately.
3. Quotation should be valid for at least three months.
4. Delivery should be made within two weeks after issuing the supply orders.
5. The University authority reserves the right to accept or reject any / all quotation (s) without assigning any reason and shall not be bound to accept the lowest quotation.

**Shilpi Ghosh, Head**  
**Department of Food Technology**  
**University of North Bengal**