

Dr. Sikha Dutta
Professor & Head
DEPARTMENT OF BOTANY



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Date: 29.01.2019

TENDER NOTICE

Sealed quotations are hereby invited from the authorized vendors for supplying the following chemicals and glass wares:

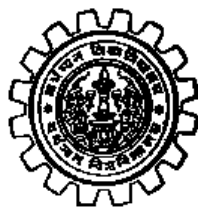
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- The items must be quoted strictly as per the specifications mentioned below.
- No other brand except mentioned one need not to be submitted.
- In case of all items, quoted prices should be destination price.
- The last date for submission of the quotation is 14th February, 2019.

Dr. Sikha Dutta
Head, Department of Botany
The University of Burdwan
Golapbag, Burdwan.



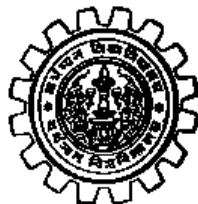
List of Chemicals:

| Sl. No. | Name of the Chemicals | Specification | Manufacturer |
|---------|--|---------------|------------------------|
| 1. | 1,2- Dichloromethane | 500ml | Merck |
| 2. | 2,4- Dinitro phenyl hydrazine | 25gm | SRL |
| 3. | 2,6-Dichlorophenol indophenols sodium salt | 5gm | SRL |
| 4. | 5-Bromo-4-Chloro-3-indolyl phosphate Disodium salt | 100mg | SRL/ Himedia |
| 5. | 5-Bromo-4-Chloro-3-indolyl-D-galactopyranoside (X-Gal) | 100mg | SRL/ Himedia |
| 6. | Acetic Acid glacial | 500ml | Merck |
| 7. | Acetone | 500ml | Merck |
| 8. | Acrylamide | 500gm | SRL |
| 9. | Albumin bovine | 10gm | SRL |
| 10. | Albumin fraction V | 5gm | SRL |
| 11. | Ammonium ferrous sulphate | 500gm | SRL |
| 12. | Ammonium Hydroxide | 500ml | SRL |
| 13. | Ammonium persulphate | 100gm | SRL |
| 14. | Anthrone Reagent | 100gm | SRL |
| 15. | Aprotinin (ex porcine pancreas) | 5mg | Himedia/ Sigma-Aldrich |
| 16. | Ascorbic Acid | 100gm | SRL |
| 17. | ATP | Smallest Pack | Himedia/ Sigma-Aldrich |
| 18. | ATP-Na ₂ (ex porcine pancreas) | 5gm | Himedia/ Sigma-Aldrich |
| 19. | Butylated hydroxyl toluene (38033) | 500gm | SRL |



List of Chemicals:

| Sl. No. | Name of the Chemicals | Specification | Manufacturer |
|---------|------------------------------------|---------------|------------------------|
| 20. | Commase brilliant blue G | 5gm | SRL |
| 21. | Commase brilliant blue R | 25gm | SRL |
| 22. | Bovine serum albumin | 25gm | Himedia |
| 23. | Catalase | 1gm | SRL/ Himedia |
| 24. | CHAPS | 5gm | Himedia |
| 25. | Chloroform | 500ml | Merck |
| 26. | Chlorophyll | 5gm | Himedia/ Sigma-Aldrich |
| 27. | Cyclohexane | 500ml | Merck/ SRL |
| 28. | Cytochrome C (oxidized) | 100mg | Himedia/ Sigma-Aldrich |
| 29. | 2,7- Dichlorofluorescein diacetate | 50mg | Sigma-Aldrich |
| 30. | Deoxyribonucleic acid | 10g | SRL/ Himedia |
| 31. | DEPC treated MB grade water | Smallest pack | Merck/ SRL |
| 32. | Dithiothreitol (84834) | 5gm | SRL |
| 33. | D nase | 5000unit | Sigma-Aldrich |
| 34. | D- Proline | 1gm | SRL |
| 35. | DTNB (Ellman's reagent) | 5gm | SRL/ Himedia |
| 36. | EDTA sodium salt | 100gm | SRL |
| 37. | EGTA | 10gm | SRL |
| 38. | Ethyl acetate Buffer | 250ml | Merck/ SRL |
| 39. | Ferric chloride anhydrous | 500gm | Merck |
| 40. | Ferrozine monosodium | 1gm | Himedia/ Sigma-Aldrich |
| 41. | Gibberellic acid | 1gm | SRL |
| 42. | Glutathione (reduced) | 5gm | SRL |
| 43. | Glutathione reductase | 100unit | Himedia |



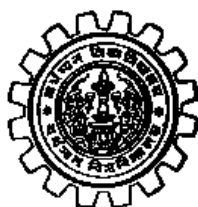
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|---------|---|---------------|------------------------|
| 44. | Linoleic acid | 1gm | SRL |
| 45. | Lysine monohydrate | 10gm | SRL |
| 46. | Carbinol (82911) | 500ml | SRL |
| 47. | Carbinol for HPLC (63713) | 1000ml | SRL |
| 48. | Magnesium chloride | 500gm | SRL |
| 49. | Magnesium sulphate | 500gm | SRL |
| 50. | N- Ethylmaleimide | Smallest pack | Merck/ SRL |
| 51. | Sodium carbonate anhydrous | 500gm | Merck |
| 52. | Na ₂ HPO ₄ (1.93609.0521) | 500gm | Merck |
| 53. | NaH ₂ PO ₄ (1.93624.0521) | 500gm | Merck |
| 54. | K ₂ HPO ₄ (1.93630.0521) | 500gm | Merck |
| 55. | KH ₂ PO ₄ (1.93605.0521) | 500gm | Merck |
| 56. | NADPH (Reduced) tetrasodium salt | 100mg | Himedia |
| 57. | Nitro blue tetrazolium chloride (NBT) | 100mg | SRL |
| 58. | Ammonium bi-carbonate | 500gm | Himedia |
| 59. | Ninhydrine | 10gm | Merck |
| 60. | Petroleum ether | 500ml | SRL |
| 61. | Osmic acid | 1gm | SRL/ Himedia |
| 62. | Peroxidase | 1250unit | Himedia/ Sigma-Aldrich |
| 63. | Phenyl methyl sulphonyl fluoride | 25gm | SRL |
| 64. | Pipes buffer | 5gm | SRL |
| 65. | Potassium persulphate | 250gm | SRL |
| 66. | Riboflavin | 25gm | SRL |
| 67. | RNA | 25gm | SRL |



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| Sl. no. | Name of the Chemicals | Specification | Manufacturer |
|---------|--------------------------------|---------------|------------------------|
| 68. | RNA- Xpress reagent | 100ml | Himedia/ Sigma-Aldrich |
| 69. | Silver diethyldithiocarbamate | 5gm | Himedia/ Sigma-Aldrich |
| 70. | Sodium acetate | 500gm | SRL |
| 71. | Sodium pyruvate | Smallest pack | SRL/Himedia |
| 72. | Starch | 500gm | Merck |
| 73. | Streptomycin sulphate | 5gm | SRL |
| 74. | Sucrose | 500gm | SRL |
| 75. | Sulphosalicylic acid | 100gm | SRL |
| 76. | Tri-chloro acetic acid | 500gm | Merck |
| 77. | TEMED | 100ml | SRL |
| 78. | Toluene | 500ml | SRL |
| 79. | Thiazolyl blue (MTT) extrapure | 500mg | Himedia/ Sigma-Aldrich |
| 80. | Tri phenyl phosphine | 10gm | SRL |
| 81. | Tri phenyl phosphate | 10gm | SRL |
| 82. | Tris acetate buffer | 100gm | SRL |
| 83. | Triton -X (RM845) | 100ml | Himedia |
| 84. | Tryptophan | 25gm | SRL |
| 85. | TTC | 10gm | SRL |
| 86. | Urea | 500gm | Sigma-Aldrich |
| 87. | XTT sodium | 25mg | Sigma-Aldrich |
| 88. | β - carotene | 1gm | SRL |
| 89. | β - mercaptoethanol | 100ml | Himedia |



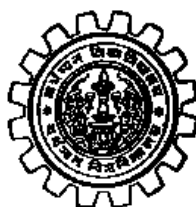
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| Sl. no. | Name of the Chemicals | Specification | Manufacturer |
|----------------|---|----------------------|------------------------|
| 90. | Bis-acrylamide | Smallest pack | SRL |
| 91. | Leupeptin | 1mg | Himedia |
| 92. | SDS-PAGE teaching kit | 1 kit of 10pr | Himedia |
| 93. | Tris- HCl buffer | 100gm | SRL |
| 94. | Protein molecular weight marker (range 3500-43400 Da) | Smallest pack | SRL |
| 95. | Pikovskaya's broth media | 500gm | Himedia |
| 96. | Poteto dextrose broth media | 500gm | Himedia |
| 97. | Nutrient broth media | 500gm | Himedia |
| 98. | Czapex dox broth media | 100gm | Himedia |
| 99. | Chromazurol S for microscopy C.I. No. 43825 (47048) | 10gm | SRL |
| 100. | CTAB | Smallest pack | Himedia |
| 101. | Hexadecyltrimethylammonium bromide | Smallest pack | Himedia |
| 102. | Ammonium Chloride | 250gm | SRL |
| 103. | Stigmasterol | Smallest pack | Sigma-Aldrich |
| 104. | Kaempferol | Smallest pack | Sigma-Aldrich |
| 105. | 1-aminocyclopropane-carboxylic acid (ACC) | Smallest pack | Himedia/ Sigma-Aldrich |
| 106. | Sodium citrate | 500gm | SRL |
| 107. | Ammonium sulphate | 500gm | SRL |
| 108. | Ferrous sulphate | 500gm | SRL |
| 109. | Phenol | 500gm | Merck |
| 110. | Glycerol | 500ml | Merck |
| 111. | Sodium nitrate | 500gm | Merck |
| 112. | Starch | 500gm | Merck |
| 113. | Glucose | 500gm | Merck |
| 114. | Mannose | 100gm | Merck |
| 115. | Maltose | 100gm | Merck |
| 116. | Fructose | 100gm | Merck |
| 117. | Polyethylene glycol-6000 | 500ml | Merck |
| 118. | Potassium iodide | 100gm | SRL |
| 119. | Hydrogen Peroxide | 500ml | Merck |
| 120. | Thiobarbituric acid | 500ml | Merck |
| 121. | HCl | 500ml | Merck |
| 122. | HNO ₃ | 500ml | Merck |



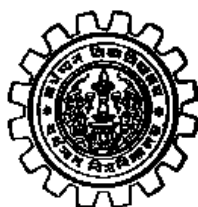
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|---------|--------------------------------|---------------|--------------|
| 123. | H ₂ SO ₄ | 500ml | Merck |
| 124. | Sodium hypochlorite | 1lit | Merck |
| 125. | Mercury(II) Chloride | 250gm | Merck |
| 126. | Sulphosalicylic acid | 100gm | SRL |
| 127. | Perchloric acid | 500ml | Merck |
| 128. | Polyvinylpyrrolidone phosphate | Smallest pack | Himedia/ SRL |
| 129. | Methionine | 25gm | SRL |
| 130. | Cysteine | 25gm | SRL |
| 131. | Biotin | 25gm | SRL |
| 132. | Pyrogallol | 100gm | Himedia |
| 133. | Catechol | 100gm | SRL |
| 134. | Ethyl acetate | 500ml | Merck |
| 135. | Gallic acid | 100gm | SRL |
| 136. | Folin Ciocalteu reagent | 100ml | Himedia |
| 137. | Aluminium Chloride | 500gm | Merck |
| 138. | Potassium acetate | 500gm | Merck |
| 139. | Trichloro acetic acid | 500ml | Merck |
| 140. | Malondialdehyde | Smallest pack | Himedia |
| 141. | Nicotinic acid | 100gm | SRL |
| 142. | Thiamine hydrochloride | 25gm | SRL |
| 143. | Arginine monohydrate | 25gm | SRL |
| 144. | L-asparagine | 25gm | SRL |
| 145. | L-glutamic acid | 25gm | SRL |
| 146. | Arabinose | 25gm | Himedia |
| 147. | Lactose | 25gm | Himedia |
| 148. | Galactose | 100gm | Himedia |
| 149. | Sorbitol | 25gm | Himedia |
| 150. | Streptomycin powder | 25gm | Himedia |
| 151. | Cycloheximide powder | 1gm | SRL |
| 152. | Cotton blue | 25gm | Merck |
| 153. | Trypan blue | 25gm | merck |
| 154. | Indole-3-acetic acid | 25gm | Merck |
| 155. | Carboxy methyl cellulose | 500gm | SRL/Himedia |
| 156. | Pectin | 25gm | SRL/Himedia |
| 157. | Orcinol | 25gm | Himedia |
| 158. | Di-phenyl amine | 250gm | SRL |
| 159. | Dinitro salicylic acid | 25gm | SRL |
| 160. | Sodium potassium tartarate | 500gm | Merck |
| 161. | Nessler reagent | 100ml | SRL |



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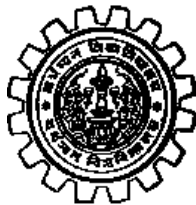
| Sl. no. | Name of the Chemicals | Specification | Manufacturer |
|----------------|---|----------------------|---------------------|
| 162. | Agar (Type-1) | 500gm | Himedia |
| 163. | Anthraquinone | 25gm | Himedia |
| 164. | Titanium chloride | 25gm | Himedia |
| 165. | Bacterial genomic DNA extraction kit | | Zymo Resarch |
| 166. | Bacterial RNA extraction kit | | Zymo Resarch |
| 167. | Bacterial protein extraction and purification kit | | |
| 168. | Protein Ladder (10-245kDa) | | |
| 169. | DNA Ladder (1kb plus) | | |
| 170. | 96-well Comet Assay Kit | | OxiSelect (STA-355) |
| 171. | BRADFORD Kit for Protein Estimation | | |
| 172. | DNA gel loading Dye (6X) | 5 x 1.0 ml | Himedia |
| 173. | Protein loading dye (5X) | | Himedia |
| 174. | Peptone | 100gm | Himedia |
| 175. | Beef extract | 100gm | Himedia |
| 176. | Agarose | 25gm | SRL |
| 177. | Zobel Marine broth | 100gm | Himedia |
| 178. | Zobel marine agar | 100gm | Himedia |
| 179. | NaBr | 500gm | Merck |
| 180. | KCl | 500gm | Merck |
| 181. | AgNO ₃ | 25gm | SRL |
| 182. | CuSO ₄ | 500gm | Merck |
| 183. | Spirit blue agar | Smallest pack | Himedia |
| 184. | Mueller Hilton Agar | 500gm | Himedia |
| 185. | Tris- HCL | 100gm | SRL |
| 186. | 10 x PBS buffer | 5x100 | Himedia(ML023) |
| 187. | 10X TAE buffer | Smallest pack | Himedia |
| 188. | Tryptone | 100gm | Himedia |
| 189. | Kings B medium (broth) | 100gm | Himedia(M1544) |
| 190. | Sodium pyruvate | 100gm | SRL |
| 191. | Malt extract | 100gm | Himedia |
| 192. | Sodium arsenate | 250gm | SRL |
| 193. | Gelatin | 100gm | SRL |
| 194. | Sodium arsenite | 100gm | SRL |
| 195. | Pectinase | Smallest pack | Himedia |
| 196. | Urease | Smallest pack | Himedia |
| 197. | Rhamnose | Smallest pack | Himedia |
| 198. | Raffinose | Smallest pack | Himedia |



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| Sl. no. | Name of the Chemicals | Specification | Manufacturer |
|----------------|---------------------------------|----------------------|---------------------|
| 199. | Vitamin B12 | Smallest pack | Himedia |
| 200 | Retinol | Smallest pack | Himedia |
| 201. | Cholcalciferol | Smallest pack | Himedia |
| 202. | Niacin | Smallest pack | Himedia |
| 203. | Potassium chlorate | 500gm | SRL |
| 204. | Acetic anhydride | 500ml | SRL |
| 205. | Histo clear agent | 500ml | Sigma-Aldrich |
| 206. | Vanilin | 100gm | Merck |
| 207. | Lugol's iodine | 500gm | Merck |
| 208. | Basic fuchsin | 25gm | Merck |
| 209. | Tannic acid | 500gm | SRL/ Merck |
| 210. | Potassium permanganate | 500gm | SRL |
| 211. | Neutral copper acetate | 250gm | Merck |
| 212. | Cobalt chloride | 100gm | Merck |
| 213. | Formic acid | 500ml | Merck |
| 214. | Barium chloride | 500gm | Merck |
| 215. | Ethylene glycol | 500ml | Merck |
| 216. | 1-Butanol | 500ml | Merck |
| 217. | Phloroglucinol | 25gm | Merck |
| 218. | 2,4 Dichlorophenoxy acetic acid | 25gm | SRL |
| 219. | Carmine | 25gm | SRL |
| 220. | Orcein | 25gm | SRL |
| 221. | Boric acid | 250gm | SRL |
| 222. | Pacrobutozole | 10gm | SRL |
| 223. | Sodium lauryl sulphate | 100gm | SRL |
| 224. | Sodium phosphate | 100gm | SRL |
| 225. | Tris Buffer | 100gm | SRL |
| 226. | HDTMA | 25gm | Himedia |
| 227. | Sodium chloride | 500gm | Merck |
| 228. | Luria bertani broth | 100gm | Himedia |
| 229. | Glycine | 100gm | Himedia |
| 230. | Ashby's manitol agar | 100gm | Himedia |
| 231. | Casein enzymic hydrolysate | 100gm | Himedia |
| 232. | Potassium hydroxide pellets | 500gm | Merck |
| 233. | Safranine | 10gm | Himedia |
| 234. | Malachite green | 100gm | SRL |
| 235. | Congo red | 25gm | SRL |
| 236. | Blood testing kit | Kit of 15pr | Himedia |
| 237. | Antibiotic kit | Kit of 15 pr | Himedia |

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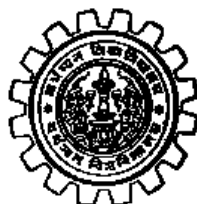
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Head, Department of Botany
The University of Burdwan
Golapbag, Burdwan.



List of Item:

| Sl. No. | Name of the Item | Manufacturer | Specification |
|---------|--|---------------------|---|
| 1. | Shaker incubator (BOD) | Any reputed company | Inner size: 20"x20"x20", volume: 6 Cft, shaking platform:16"x16", shaking capacity: 4.5 lit |
| 2. | -20 ⁰ C Refrigerator (Vertical) with voltage stabiliser | Blue Star | 100 lit capacity |
| 3. | Table top Vortex | Any reputed company | Short spin, 3000 rpm, shaking:orbital, 3mm |
| 4. | Autoclave | Any reputed company | 12" Diameter x 20" Deep |
| 5. | Flame Photometer | Systornics | Systornics 128 |
| 6. | Hot air oven | Any reputed company | 15''x15''x18'', 2 shelves |
| 7. | Weighing Balance | Wenser / K-ROY | Model: PGB 200 / KAB 200, Capacity:200gm, Readability: .001gm (1mg) |
| 8. | Conductivity Meter | Systornics | Systornics 304 |
| 9. | PH Meter | Systornics | Systornics 335 |
| 10. | Muffle furnace | Any reputed company | SSU Digital Pid Controller Muffle furnace 4''x4''x9'' |
| 11. | Flame Photometer | Systornics | Systornics128 |
| 12. | Water distillation system (double distilled) | Borosil | Borosil (3362041) and accessories. |



List of Item:

| Sl. No. | Name of the Item | Manufacturer | Specification |
|---------|------------------------|----------------------------|--|
| 13. | Micro Oven | Samsung | MG23F301TAK |
| 14. | Centrifuge Machine | Remi | 12000 rpm |
| 15. | Voltage Stabiliser | Any reputed Company | 5 KVA |
| 16. | TLC Set (Complete) | Any reputed Company | Complete set with sprayder (Borosil glass) |
| 17. | Precision Incubator | | Ambient -60 ⁰ C- 1 |
| 18. | Accupipet | Tarsons | T5000 |
| 19. | Accupipet | Tarsons | T1000 |
| 20. | Accupipet | Tarsons | T200 |
| 21. | Accupipet | Tarsons | T100 |
| 22. | Accupipet | Tarsons | T20 |
| 23. | Accupipet | Tarsons | T10 |
| 24. | Accupipet | Tarsons | T2 |
| 25. | Sonicator/ Homogenizer | GENETIX BRAND (Gx-3215828) | Motor driven tissue grinder (high speed 12000rpm) –TG10 with accessories. |
| 26. | UV Transilluminator | Lab-X | 14"x6" viewing area, UVP TM36 Transilluminator 01301 |
| 27. | UV Crosslinker | Lab-X | Internal dimension in cm : 33.7W x 18.1D x 16.8H, uses 5 light bulbs that are 252nm UV light bulbs and 8 watts each, 120 volts. UV Crosslinker 09656 |
| 28. | Magnetic Stirrer | Borosil | MS ONE, Code: 100MS000115000 |



List of Item:

| Sl. No. | Name of the Item | Manufacturer | Specification |
|---------|--|---|--|
| 29. | Magnetic stirrer with heater | Remi / Any reputed company | Stirrer with hot plate, Model: 2MLA with accessories. |
| 30. | Gel running apparatus | Bangalore Genei/ Biorad/Any reputed brand | Horizontal gel running apparatus with power pack. |
| 31. | Water Bath (7-11 lit) | Anonymus/ Any reputed company | Capacity: 10 lit, Temp. stability: $\pm 0.1^{\circ}\text{C}$, Working temp. ambient 100°C |
| 32. | Precision Incubator | Any reputed company | Size: 12"x12"x14", Temperature range: Ambient to 60°C |
| 33. | Drawing Prism | Any reputed company | Adjustable with Olympus Student Microscope |
| 34. | Simple Dissecting Microscope with 10X/ 15X Eye piece | Any reputed company | |

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List of items:

| Sl. No. | Name of the Item | Manufacturer | Specification |
|----------------|-------------------------|-------------------------|--------------------------------|
| 1. | Refrigerator | LG/ Any reputed company | Doubled door, 265 lit capacity |
| 2. | Voltage Stabilizer | Any reputed Company | Suitable for AC & Refrigerator |

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Sealed quotations are hereby invited from the authorized vendors for supplying the following technical aids including teaching aids :

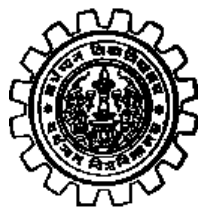
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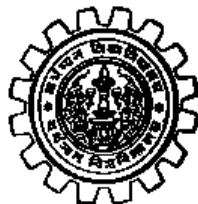
List of Teaching Aids:

| Sl. No. | Name of the Teaching Aids | Specification | Manufacturer |
|---------|--|---------------|---------------------|
| 1. | Absorbent Cotton | Roll | Local make |
| 2. | Non-absorbent Cotton | Roll | Local make |
| 3. | Whatmann filter paper | 9" | Whatman |
| 4. | Whatmann filter paper | 11" | Whatman |
| 5. | Tissue Paper | Roll | Local make |
| 6. | Brown Paper | Standard | Local make |
| 7. | Girder (coloured) | Standard | Local make |
| 8. | Cloth duster | Standard | Local make |
| 9. | Spirit lamp (Metallic) | Standard | Local make |
| 10. | Scissor | 8" | Local make |
| 11. | Filter paper | 11" | Local make |
| 12. | Blotting paper | Standard | Local make |
| 13. | Rubber band | Standard | Local make |
| 14. | Sticker | Standard | Local make |
| 15. | Rubber Tube, adjustable with distillation unit | Standard | Local make |
| 16. | UV-Lamp | Standard | Any reputed company |
| 17. | Mortar & pastle | | Local make |
| 18. | Cuvette for Spectrophotometer | Standard | Any reputed company |
| 19. | Plastic Tray | 40" x 30" | Local make |



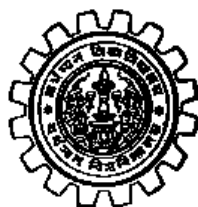
List of Teaching Aids:

| Sl. No. | Name of the Teaching Aids | Specification | Manufacturer |
|----------------|---|--------------------------------------|---------------------|
| 20. | Chromatographic Paper (CAT NO. 3001-845) | 1CHR, 10x30cm, pack of 100 sheets | Whatman |
| 21. | Disposable Blade (For tissue culture) | Standard | Any reputed company |
| 22. | Inoculating needle | Standard | Any reputed company |
| 23. | Graph Paper | Standard | Local |
| 24. | Heating mantel | For 5 lit capacity flask | Local make |
| 25. | Cover Slip | 22mm x 22mm | Blue Star |
| 26. | Aluminum foil | Standard | Any reputed company |
| 27. | Thermometer | Standard | Any reputed company |
| 28. | Micro centrifuge tube | 1.5ml, | Tarsons |
| 29. | Micro centrifuge tube | 2ml | Tarsons |
| 30. | Micro tip (521010) | 2-200 μ l | Tarsons |
| 31. | Micro tip (521020) | 200-1000 μ l | Tarsons |
| 32. | Micro tip (521000) | .2-10 μ l | Tarsons |
| 33. | Wash Bottle (560030) | 500ml | Tarsons |
| 34. | Test tube stand (202040) | 25mm, 18places | Tarsons |
| 35. | Round bottom centrifuge tube (542010) | 16 ml | Tarsons |
| 36. | Conical bottom centrifuge tube with screw cap (500031) | 15ml | Tarsons |
| 37. | Paraflim (380010) | 2''x250',Pack | Tarsons |
| 38. | Ice bucket (525150) | 2.5lit | Tarsons |
| 39. | Test tube stand (202030) | 20mm, 20 places | Tarsons |



List of Teaching Aids:

| Sl. no. | Name of the Teaching Aids | Specification | Manufacturer |
|---------|-----------------------------------|------------------------------|---------------|
| 40. | Sprayer for chromatography | 100ml | Borosil glass |
| 41. | Dropping Bottle with rubber teats | 30ml 50ml | Local make |
| 42. | Dropping Bottle with rubber teats | 50ml | Local make |
| 43. | Glass vial with plastic cap | 4" x ¾" | Local make |
| 44. | Canada Balsam Bottle | 30ml | Local make |
| 45. | Respiroscope | 100ml | Borosil Glass |
| 46. | TLC sprayder | Standard | Local make |
| 47. | Glass Dropper with rubber teats | 6" | Local make |
| 48. | Glass Dropper with rubber teats | 8" | Local make |
| 49. | Rubber teats | 5ml | Local make |
| 50. | Spatula(S.S) | 6" | Local make |
| 51. | Spatula(S.S) | 8" | Local make |
| 52. | Forcep | 6" | Local make |
| 53. | Forcep | 8" | Local make |
| 54. | Disposable Petriplates (460020) | 90mmx14mm, pack of 450pcs | Tarsons |
| 55. | Pipette Sucker | 1ml | Tarsons |
| 56. | Pipette Sucker | 5ml | Tarsons |
| 57. | Pipette Sucker | 10ml | Tarsons |
| 58. | Sample Container (510020) | 50ml | Tarsons |
| 59. | Wash Bottle | 500ml | Tarsons |
| 60. | Dessicator | 200mm | Riviera |
| 61. | Heater | standard | Local make |
| 62. | Heating mantle | For 5 lit capacity flask | Local make |



List of Teaching Aids:

| Sl. no. | Name of the Teaching Aids | Specification | Manufacturer |
|----------------|--|--|---------------------|
| 63. | Beaker | 50 ml, 100 ml, 250 ml, 500 ml, 1000 ml, 2000ml | Borosil |
| 64. | Conical Flask | 50ml, 100 ml, 250 ml, 500 ml, 1000 ml, 2000ml | Borosil |
| 65. | Measuring Cylinder | 10 ml, 25 ml, 50 ml, 100 ml, 250ml, 500 ml, | Borosil |
| 66. | Pipette | 1 ml, 2 ml, 5 ml, 10 ml, 25 ml. | Borosil |
| 67. | Petri dish (Set) | 100 x15 mm, | Borosil |
| 68. | Petri dish (Set) | 150 x25 mm | Borosil |
| 69. | Culture Tube Without rim | 55ml | Borosil(9820U08) |
| 70. | Culture Tube, Without rim (9820U06) | 27ml | Borosil(9820U06) |
| 71. | Culture Tube Without rim | 70ml | Borosil(9820U09) |
| 72. | Culture Tube Without rim | 20ml | Borosil(9820U18) |
| 73. | Jam Jar with cap | 500ml | Borosil (1506024) |
| 74. | Jam Jar with cap | 1000ml | Borosil (1506029) |
| 75. | Jam Jar with cap | 25ml | Borosil |
| 76. | Jam Jar with cap | 100ml | Borosil |
| 77. | Jam Jar with cap | 250ml | Borosil |
| 78. | Funnel | 65mm | Borosil(6140069) |
| 79. | Separating funnel | 60 ml capacity | Borosil (6400013) |
| 80. | Microscopic Slide | Standard | Riviera |

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Gram : BURDSITY
e.mail. *hod@bot.buruniv.ac.in*

Date: 29.01.2019

TENDER NOTICE

Sealed quotations are hereby invited from the authorized vendors for repair & maintenance of the following Furniture :

- The offer price for every repair must be including GST mentioning GST% separately.
- The repairing works must be done strictly as per the specifications mentioned below.
- No other work-quotation except mentioned one need not to be submitted.
- All repairing works must be done in the Department of Botany, B. U.
- The last date for submission of the quotation is 14th February, 2019.

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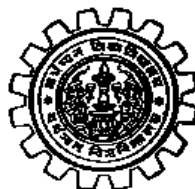


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Gram : BURDSITY
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List of items to be repaired :

| Sl No. | Name of the Item | Details of repairing works |
|--------|------------------|--|
| 1. | Almirah | Painting of Almirah having size: 73" x 35" x 22" |
| 2. | Steel Lockers | Repairing of of steel lockers |

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Date: 29.01.2019

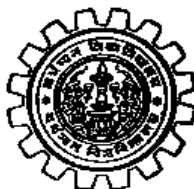
TENDER NOTICE

Sealed quotations are hereby invited from the authorized vendors for repairing of the following Computer & peripherals :

- The offer price for every repair must be including GST mentioning GST% separately.
- The repairing works must be done strictly as per the specifications mentioned below.
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- All repairing works must be done in the Department of Botany, B. U.
- The last date for submission of the quotation is 14th February, 2019.

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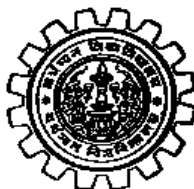


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List of items to be repaired :

| Sl No. | Name of the item & corresponding laboratories' | Details of repairing works |
|--------|--|---|
| 1. | Computer (Taxonomy lab) | Replacement of motherboard (Gigabyte) ddr3 ram supported, 64 bytes with i3 processor(intel) and 4 gb ddr3 ram (Kingstone) |
| 2. | Computer (Taxonomy lab) | replacement of Key board and mouse set (Hp/ i ball) |
| 3. | UPS | Repairing of UPS by replacement of Battery (amaron) |
| 4. | Computer, 1no. (Mycopatho lab) | Increase of HDD capacity up to 1TB and upgradation of RAM up to 4 GB |
| 5. | Computer, 2no. (Student Computer Lab) | Repairing with replacement of mother board |
| 6. | Computer (approximately 20 no.) | Installation of 10 user 3 year Quick- Heal Total security |
| 7. | Computer (approximately 15 no.) | Servicing |

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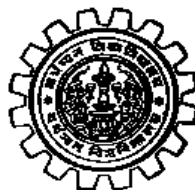
TENDER NOTICE

Sealed quotations are hereby invited from the authorized vendors for repairing of the following refrigerator, A.C:

- The offer price for every repair must be including GST mentioning GST% separately.
- The repairing works must be done strictly as per the specifications mentioned below.
- No other work-quotation except mentioned one need not to be submitted.
- All repairing works must be done in the Department of Botany, B. U.
- The last date for submission of the quotation is 14th February, 2019.

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List of items to be repaired :

| Sl No. | Name of the Instrument with model name and number | Manufacturer | Details of repairing works |
|--------|---|--------------|--|
| 1. | Refrigerator (Mycology & Plant pathology Lab) | Godrej | Rectification of cooling problem & servicing. |
| 2. | Refrigerator (Mycology & Plant pathology Lab) | Kelvinator | Rectification of cooling problem & servicing. |
| 3. | Refrigerator (Microbiology) | DLX-Gem | Rectification of cooling problem & servicing. |
| 4. | Refrigerator(Microbiology) | Kelvinator | Repairing door of deep fridger & servicing. |
| 5. | Refrigerator(Microbiology) | Godrej | Servicing |
| 6. | AC (Microbiology) | ARCO | Repairing by gas charge, replacement of remote & PCB board, angle fitting, Body repair and body paint & Servicing. |
| 7. | AC (Phycology) | Hitachi | Repairing by replacement of compressor, remote & PCB board, gas charge. |
| 8. | AC(Mycology & Plant pathology Lab) | | Repairing by gas charge, replacement of remote & PCB board, angle fitting, Body repair and body paint & Servicing. |

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TENDER NOTICE

Sealed quotations are hereby invited from the authorized vendors for repairing of the following Instruments

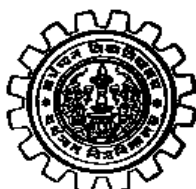
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List of items to be repaired :

| Sl No. | Name of the Instrument with model name and number | Manufacturer | Details of repairing works |
|--------|---|---------------------|--|
| 1. | Gel doc system | BIORAD | Repairing with rectification of connection problem, servicing |
| 2. | Autoclave (Mycology & Plant pathology Lab) | Local make | Repairing of heating system, meter machine, leakage & servicing. |
| 3. | Autoclave (Mycology & Plant pathology Lab) | Local make | Repairing of heating system, meter machine, leakage & servicing. |
| 4. | Autoclave (Microbiology) | Local make | Repairing of heating system, meter machine, leakage & servicing. |
| 5. | Digital Balance (Plant Physiology & Biochemistry Lab) | Afcoset | Rectification of error in result display & servicing. |
| 6. | Digital Balance (Mycology & Plant pathology Lab) | Wenser | Rectification of problem of reading stabilisation & servicing. |
| 7. | Digital Balance (Microbiology Lab) | Contech | Rectification of error in result display & servicing. |
| 8. | Online battery back up of GC-MS | Any reputed company | Repairing and necessary replacement (if required). |
| 9. | Conductivity Meter (Biochemistry Lab) | Systornics | Calibration problem & operational problem. |
| 10. | BOD Incubator | Local make | Replacement of thermostat and servicing |
| 11. | Hot air oven(Mycology & Plant pathology Lab) | Local make | Broken door repairing and servicing |
| 12. | Hot air oven(Microbiology) | Local make | Rectification of heating problem & Servicing. |
| 13. | Micro Centrifuge | Remi | Rectification of spin problem & Servicing. |

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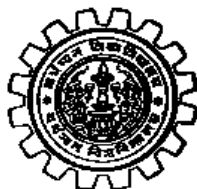
List of items to be repaired :

| Sl No. | Name of the Instrument with model name and number | Manufacturer | Details of repairing works |
|--------|---|--------------|---|
| 14. | Centrifuge | Remi | Necessary repairing & servicing. |
| 15. | Microscope Carl- Zeiss Model: AXIOSTAR PLUS, Carl- Zeiss, Servicing | Carl- Zeiss | Servicing |
| 16. | Hot air oven (Cytogenetics) | Local make | Necessary repairing & servicing. |
| 17. | Distillation Unit, 1.5 lit capacity | Riviera | Repairing of heating coil & lower water containing body. |
| 18. | Orbital Shaking Incubator | Remi | Necessary repairing including temperature problem & servicing. |
| 19. | Double beam spectrophotometer, UV-190 | SHIMADZU | Rectification of problem in showing Optical density & other necessary repairing works. |
| 20. | Leitz microscope | Leica | Servicing(By authorized person only) with installation of 4X objective(Leitz original) |
| 21. | Trinocular microscope, Magnus MLX-DX | Magnus | Servicing (By authorized person only) with replacement of 100X objective(magnus) & repairing of Mangnus Mag cam DC14/DC10 (14 megapixel/ 10megapixel) |
| 22. | Laminar air flow | Microfilt | Repairing of broken hood. |
| 23. | Compound microscopes (Student microscope) | Olympus | Repairing of Microscope with replacement of Eye piece(10X), Objective(10X,40X) & servicing (By authorized person only) |
| 24. | Digital Balance (Plant Physiology & Biochemistry Lab) | Wenser | Rectification of error in result display & servicing. |

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List of items to be repaired :

| Sl No. | Name of the Instrument with model name and number | Manufacturer | Details of repairing works |
|--------|---|--------------|---|
| 25. | Water Bath (Biochemistry Lab) | | Repairing of heating problem & servicing. |
| 26. | Cooling Centrifuge (Biochemistry Lab) | Remi C30 | Associated repairing & servicing |
| 27. | Centrifuge (Biochemistry Lab) | Remi R8C | Repairing of rpm problem & servicing. |