



# The Islamia University of Bahawalpur

## TENDER NOTICE

Sealed Tenders on item wise rate basis are invited from the Manufacturing Firms or their Authorized Distributors, Dealers and General order Suppliers having established credentials in terms of Technical, Financial and Managerial capabilities for the supply of **Equipment's & Chemicals & Glassware Department of Clinical Medicine and Surgery & Department of Plant Breeding & Genetics & Institute of Chemistry**, The Islamia University of Bahawalpur on FOR basis.

Tender No.	Category (Quantity and specifications are available in the tender document)	Estimated Cost	5% Bid Security
A	Purchase of Equipment for the Department of Clinical Medicine and Surgery	Rs.1,270,000/-	Rs.63,500/-
B	Purchase of Laboratory Equipment for the Department of Plant Breeding & Genetics	Rs.440,000/-	Rs.22,000/-
C	Purchase of Chemicals & Glassware Institute of Chemistry	Rs.1,000,000/-	Rs.50000/-

- Interested bidders may get the Tender Documents containing detailed specifications, terms and conditions from the Purchase Section, Account Department Abbasia Campus (Old), the Islamia University of Bahawalpur during office hours on submission of written application on letter head and a copy of CNIC or can be down loaded from the IUB website [www.iub.edu.pk](http://www.iub.edu.pk) OR PPRa website [www.ppra.punjab.gov.pk](http://www.ppra.punjab.gov.pk) on payment of (non-refundable fee) of RS.1000/ (Separately for each category) through Bank challan HBL in A/C 14730000010403 or pay order in the name of the Treasurer, The Islamia University of Bahawalpur . Original receipt should be attached with Technical bid.
- 5% Bank Guarantee** of the estimated cost as mentioned above separately against each tender (Refundable) in the shape of CDR / Bank Guarantee. **The Original CDR shall be attached with the technical bid & copy of CDR should be attached with financial bid.**
- The rates should be quoted on FOR basis.
- Single Stage – Two Envelopes** bidding procedure will be adopted as per PPRa Rules 38- 2(a). The Envelopes shall be marked as “**TECHNICAL PROPOSAL**” AND “**FINANCIAL PROPOSAL**” in legible letters. Financial Proposal of bids found technically non-responsive shall be returned un-opened.
- Procurement shall be governed under the Punjab Procurement Rules, 2014.
- The rates should be quoted inclusive of all taxes. Copy of paid bank challan of professional tax and copy of the bid security shall be attached with the technical proposal.
- The Islamia University of Bahawalpur however, reserves the rights to reject all bids at any time prior to acceptance of a bid as per clause 35 of the Punjab Procurement Rules and grounds of rejection will be conveyed to the bidders upon their request.
- Tender should reach in the Office of the Secretary SMPC Accounts Division Old Campus, The Islamia University of Bahawalpur up to **23.11.2022** by **10:30 A.M.** Tenders will be opened on the same day at **11:00 A.M** in the presence of bidders or their representatives. In the office of Chairman Purchase Committee, Pharmacy department Khawaja Fareed Campus.
- Any bid submitted after the given time schedule shall not be accepted.
- All taxes will be applicable as per Govt. Rules & Regulations.
- The rates should be valid upto 120-days from the date of opening of the tender.
- In case of closed/forced holidays, tender opening time/date will be considered as the next working day.



Chairman SMPC  
The Islamia University of Bahawalpur  
Baghdad-ul-Jadeed Campus, Bahawalpur.  
Phone: 062-9255565



# The Islamia University of Bahawalpur

## PROCUREMENT OF PERMANENT EQUIPMENT FOR DEPARTMENT OF CLINICAL MEDICINE AND SURGERY TENDER-A FORM (FINANCIAL BID)

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challah No. & amount \_\_\_\_\_ 6. CDR No. & Amount \_\_\_\_\_
7. General Sale Tax No: \_\_\_\_\_ 8. Income Tax No. \_\_\_\_\_
9. Professional Tax No: \_\_\_\_\_

Sr	Name of Items	Quantity	Rate per item inclusive
01	Refrigerated Incubator <b>Cool Incubator</b> Plant Growing and Microorganisms breeding at specified temperature, Storage of liquids and samples for physicochemical analysis, Thermal insulation polyurethane foam forced air convection, Heating and cooling systems to hold set temperature regardless of ambient conditions, Defrosting function, LCD graphic display, Illuminated touch buttons Microprocessor temperature controller, Temperatures sensor sail alarm, Power failure control system, Real time clock, Sound alarm, Self-check function, Automatic fan shut down after completing the program, Test results memory, 149 L Chamber Capacity Solid Door Type, +3...+70 °c Temperature, Microprocessor Control with external LCD Graphic Display, Stainless Steel Interior, Stainless steel linen finish 472x315x430(WxHxD) Internal Dimension, 9.5KG Max. Shelf Workload, 169W Nominal Power, 0.1 °c Temperature Resolution, ±0.2 °c Temperature Fluctuation ±0.4 °c Temperature Variation, ¾ Shelves	01	
02	<b>UV Trans-illuminato</b> Three wavelength options for added flexibility and convenience: 312 nm Long life filter, High efficiency reflector, Hi/Lo intensity switch, Fast start up Filter Size: 21 x 21 cm, Light source: 470nm Blue LED's or UV single wave (8W x 5 tubes), UV resistant Plastic Cover: 33 x 25 cm (WxD), Unit Dimension (WxDxH): 34 x 29.5 x 10 cm, Intensity Switch high (100%) / low (70%) single	01	
03	<b>Micropipette</b> Micropipette set with stand, Fully autoclavable at 121°C, Lightweight and ergonomic design, Clear digital, Integral tip ejector for access into narrow tubes, Easy to calibrate and maintain with tool supplied, Autoclavable tip-cone, Used with universal' pipette tips 0.1-2 µl: Accuracy 1.00%/0.1/0.80%, 0.5-10 µl: Accuracy 1.00%/0.1/0.8%, 10-100 µl: Accuracy 0.80%/1.00/0.40%, 100-1000 µl: Accuracy 0.70%/0.70%2.00%	01	

**Note: All the bidders are required to mention the details of their product being offered by them in the Technical proposal on firm's letter head duly signed & stamped by owner of firm or its authorized representative and also clearly mention the name & relevant major specifications of their offered product while quoting the financial bid as well. On firms letter head duly signed & stamped Mere reproduction of our tender documents will not serve the purpose and the bid may be liable to be rejected by the procuring agency in such cases.**

### Terms & Conditions

1. All material supplied must be brand new strictly conforming to the given specifications .Old, reconditioned or refurbished equipment shall not be acceptable.
2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from etc.**
3. Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 120 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
7. Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
8. Key Person Contact No.

**Signature:** \_\_\_\_\_  
**Name:** \_\_\_\_\_  
**Designation:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

### Attachments:

- |                                 |          |
|---------------------------------|----------|
| Earnest Money draft             | (Yes/No) |
| Affidavit for non-black listing | (Yes/No) |
| Bid Validity                    | (Yes/No) |
| Signed terms & conditions       | (Yes/No) |

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF LABORATORY EQUIPMENT FOR DEPARTMENT OF PLANT BREEDING AND GENETICS TENDER-B FORM (FINANCIAL BID)

4. Name of Firm: \_\_\_\_\_
5. Mailing Address: \_\_\_\_\_
6. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challah No. & amount \_\_\_\_\_ 6.CDR No.& Amount \_\_\_\_\_
7. General Sale Tax No: \_\_\_\_\_ 8. Income Tax No. \_\_\_\_\_
9. Professional Tax No: \_\_\_\_\_

Sr	Name of Items	Quantity	Rate per item inclusive
01	<b>Rice Dehuller</b> Specifications: Scientific Research grade unit for paddy Dehulling to test rice seed quality. Main body made of die cast Aluminum. Dehulling mechanical performance rate of 99%, low noise, adjustable speed as per requirements of the test. Speed range 2800 rpm & 6000 rpm. Robust rubber/ steel long life rollers. Multi size (small to medium) sample feeding hopper Cyclone bran outler. Motor voltage: AC 220V/50HZ Extra belts rollers & sieves. Refrigerated Incubator	01	

**Note: All the bidders are required to mention the details of their product being offered by them in the Technical proposal on firm's letter head duly signed & stamped by owner of firm or its authorized representative and also clearly mention the name & relevant major specifications of their offered product while quoting the financial bid as well. On firms letter head duly signed & stamped Mere reproduction of our tender documents will not serve the purpose and the bid may be liable to be rejected by the procuring agency in such cases.**

### Terms & Conditions

- All material supplied must be brand new strictly conforming to the given specifications .Old, reconditioned or refurbished equipment shall not be acceptable.
- Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from etc.**
- Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
- Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
- Validity of rate should be for 120 days from the date of opening of tenders.
- The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
- Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
- Key Person Contact No.0321-7662772

**Signature:** \_\_\_\_\_  
**Name:** \_\_\_\_\_  
**Designation:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

### Attachments:

- Earnest Money draft (Yes/No)  
 Affidavit for non-black listing (Yes/No)  
 Bid Validity (Yes/No)  
 Signed terms & conditions (Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



# The Islamia University of Bahawalpur

## PROCUREMENT OF CHEMICALS & GLASSWARE FOR INSTITUTE OF CHEMISTRY TENDER-C FORM (FINANCIAL BID)

1. Name of Firm: \_\_\_\_\_
2. Mailing Address: \_\_\_\_\_
3. Phone No: \_\_\_\_\_ 4. Fax No: \_\_\_\_\_
5. Tender Fee Challah No. & amount \_\_\_\_\_ 6. CDR No. & Amount \_\_\_\_\_
7. General Sale Tax No: \_\_\_\_\_ 8. Income Tax No. \_\_\_\_\_
9. Professional Tax No: \_\_\_\_\_

Sr	Name of Items	Quantity	Rate per item inclusive
Chemicals & Glassware			
01	Ammonia Solution (Ammonium Hydroxide)	20 Liter	
02	Acetone A.R	20 Liter	
03	Acetic Acid A.R	20 Liter	
04	Ammonium Carbonate	10 kg	
05	Ammonium Chloride	10 kg	
06	a-Naphthol	02 kg	
07	Ammonium Nitrate	05 kg	
08	Aluminium Nitrate	02 kg	
09	Anthranilic Acid (2-amino benzoic acid)	100 gm	
10	Ammonium Molybdate	02 kg	
11	DL-Alanine	01 kg	
12	4-Amino Benzoic Acid	01 kg	
13	Aspartic Acid	01 kg	
14	Antraquinone	02 kg	
15	Anthracene	02 kg	
16	Acetyl Chloride	01 Liter	
17	L-Arginine	250 gm	
18	Anthron	250 gm	
19	Ammonium Vanadate	500 gm	
20	Aceto Acetic Ester (Ethyl Acetoacetate)	01 Liter	
21	1-Amino-2-Naphthol-4-Sulphonic Acid	250 gm	
22	Antimony V Chloride (Antimony penta Chloride)	01 kg	
23	Allyl Alcohol	2.5 Liter	
24	Allyl Bromide	02 kg	
25	Aluminium Foil	05 Roll	
26	Ammonium Di Hydrogen Phosphate	05 kg	
27	Acetyl Acetone	01 Liter	
28	Acrylamide	05 kg	
29	4-Amino Phenol	01 kg	
30	Acetyl Salicylic Acid	05 kg	
31	2-Amino Benzophenone	100 gm	
32	2-Amino -4-Methyl Benzophenone	100 gm	
33	2-Amino Coumarine	100 gm	
34	3-Amino Quinoline	100 gm	
35	4-Amino Quinoline	100 gm	
36	Agar	01 kg	
37	Aluminium Chloride anhydrous	01 kg	
38	9-Anthracenecarboxaldehyde	100 gm	
39	Benzoic Acid	05 kg	
40	Barium Carbonate	03 kg	
41	Bismuth Tri Chloride (Bismuth Chloride)	03 kg	
42	Bismuth Nitrate	03 kg	
43	Bismuth Carbonate	03 kg	
44	Barium Phosphate	03 kg	
45	Benzamide	05 kg	
46	Benzyl Amine	01 Liter	
47	Brucine	100 gm	
48	Benzoyl Acetone	01 Liter	
49	Benzyl Acetone	01 Liter	
50	Barium Chloride	05 kg	
51	Barbituric Acid	100 gm	
52	p-Bromo Toluene	01 kg	
53	N-Bromo succinamide (NBS)	02 kg	
54	Cadmium Nitrate	05 kg	
55	Chromium Acetate	03 kg	
56	Copper Sulphate	10 kg	
57	Chromium Nitrate	05 kg	
58	Chromium Sulphate	03 kg	
59	Copper Chloride	05 kg	
60	Chloroform A.R	20 Liter	
61	Calcium Hydrogen Phosphate	02 kg	

62	Calcium Oxalate	02 kg	
63	Calcium Chloride	05 Liter	
64	Cyclohexane	05 Liter	
65	L-Cystein	250 gm	
66	2-Chloro Benzoic Acid	250 gm	
67	Cobalt II Acetate	03 kg	
68	Cobalt II Chloride	03 kg	
69	Cobalt II Sulphate	03 kg	
70	Cadmium II Chloride	03 kg	
71	Cadmium Acetate	03 kg	
72	Cystine	500 gm	
73	Calcium Nitrate	03 kg	
74	Chloro Benzene	01 Liter	
75	Copper Carbonate	02 kg	
76	Copper Oxalate	02 kg	
77	Calcium Hydroxide	02 kg	
78	Cobalt Nitrate	03 kg	
79	Cinnamic Acid	02 kg	
80	Calcium Oxide	02 kg	
81	Chloro Phenol Red	250 gm	
82	Chromium Potassium Sulphate (Chrom Alum)	02 kg	
83	Calcium Hydride	01 kg	
84	Celite (Powder)	02 kg	
85	p-Chloro Toluene	100 gm	
86	N-Chloro succinamide (NCS)	100 gm	
87	Cycloheptanone	01 Liter	
88	Dextrin (White Powder)	02 kg	
89	Di Methyl Glyoxime (DMG)	500 gm	
90	D-Glucose	10 kg	
91	Dextrose	02 kg	
92	Dioxane (1,4-Dioxane)	05 Liter	
93	Di Methyl Formamide (DMF)	20 Liter	
94	Di Methyl Sulfoxide (DMSO)	10 Liter	
95	Di Chloro Methane (DCM)	20 Liter	
96	Di Ethyl Ether	05 Liter	
97	Dimedone	100 gm	
98	2,2-Dimethyl-3-phenylpropionaldehyde	100 gm	
99	Ethyl Acetate A.R	20 Liter	
99	Ethylene Glycol	05 Liter	
100	Ethyl Acetoacetate	01 Liter	
101	Ethanol 97% A.R	30 Liter	
102	Ethanol Amine	02 Liter	
103	Ferric Sulphate	05 kg	
104	Filter Paper Ordinary	20 Pkt	
105	Furfural	05 Liter	
106	Filter Paper whatman	20 Pkt	
107	Ferric Nitrate	10 kg	
108	Ferrous Nitrate	05 kg	
109	Glycine	01 kg	
110	Graphite	03 kg	
111	Hydro Floric Acid	05 Liter	
112	8-Hydroxy Quinone	250 gm	
113	n-Hexane	20 Liter	
114	Hydrazinium Chloride	02 kg	
115	Hydrazine Hydrate	02 Liter	
116	Hydrochloric Acid A.R	20 Liter	
117	p-Hydroxy Toluene (p-methyl phenol)	100 gm	
118	Hydroxyl amine	01 kg	
119	Iso Amyl Alcohol	10 Liter	
120	Iodine Crystel	2 kg	
121	Calcium Oxalate	02 kg	
122	Iso Propyl Alcohol	10 Liter	
123	Iodo methane	500 gm	
124	1,3-Indane dione	100 gm	
125	Lead Nitrate	05 kg	
126	Lithium Sulphate	02 kg	
127	Leucine	100 gm	
128	Litmus Paper Blue	100 Pkt	
129	Litmus Paper Red	100 Pkt	
130	Lithium Oxide	01 kg	
131	Mercuric Chloride (Mercury II Chloride)	01 kg	
132	Magnesium Nitrate	05 kg	
133	Magnesium Chloride	05 kg	
134	Maleic Acid	01 kg	
135	Mercuric Nitrate	02 kg	
136	Mercuric Sulphate	01 kg	
137	Magnesium bi Phosphate	02 kg	
138	Magnesium Acetate	03 kg	
139	Mercury II Acetate	02 kg	
140	Magnesium Turning	01 kg	
141	Manganese Acetate	02 kg	
142	Magnesium Oxide	01 kg	
143	Maleic Anhydride	01 kg	
144	Menthol	02 kg	
145	Mercurous Chloride (Mercury ( I ) Chloride)	01 kg	
146	Methanol A.R	30 Liter	
147	Methanol (HPLC)	30 Liter	

148	Magnesium Sulphide	02 kg	
149	2-Methyl Imidazol	100 gm	
150	Melachit Green	250 gm	
151	Maleic Hydrazine	500 gm	
152	Mercurous Nitrate	02 kg	
153	Murcury II Nitrate	02 kg	
154	Malonic Acid	500 gm	
155	Manose	250 gm	
156	Mercurous Sulphate	01 kg	
157	Manganese Nitrate	03 kg	
158	p-Methyl Benzaldehyde	100 gm	
159	Meldrum Acid	100 gm	
160	Myristicin aldehyde	100 gm	
161	Nickel Sulphate	05 kg	
162	Nickel Acetate	05 kg	
163	Nickel Carbonate (Hydroxide)	03 kg	
164	Nickel Chloride	05 kg	
165	Nickel Nitrate	05 kg	
166	Nitric Acid A.R	20 Liter	
167	2-Nitro Benzoic Acid	250 gm	
168	Nickel Metal	01 kg	
169	Nitroso R Salt	250 gm	
170	p-Nitro Toluene	100 gm	
171	Oxalic Acid	10 kg	
172	Potassium Nitrate	05 kg	
173	Potassium Phosphate	05 kg	
174	Potassium Bicarbonate	05 kg	
175	Potassium Carbonate Anhydrous	05 kg	
176	Potassium Hexa Hydrogen Antimonate	02 kg	
177	Potassium Sulphate	05 kg	
178	Potassium Hydroxide	10 kg	
179	Potassium Ferrocyanite	02 kg	
180	Potassium Iodide	05 kg	
181	Potassium Permanganate	07 kg	
182	Phenanthrene	01 kg	
183	Phthalic Acid	01 kg	
184	Per chloric Acid	01 Liter	
185	Potassium Acetate	05 kg	
186	Potassium Bromide (or spectroscopy)	02 kg	
187	Potassium Bi Phthalate	02 kg	
188	Potassium Nitrate	05 kg	
189	Potassium Hydrogen Tartrate	03 kg	
190	Potassium Di Hydrogen Citrate	03 kg	
191	Peptone	01 kg	
192	Potassium Sulphite	04 kg	
193	Potassium Cyanate	02 kg	
194	Poly Vinyl Pyrrolidone	500 gm	
195	Poly Vinyl Chloride	01 kg	
196	Poly vinyl Alcohol	01 Liter	
197	pH Paper (multi colour)	200 Pkt	
198	Phenyl Hydrazine	01 Liter	
199	Phthalic Anhydride	01 kg	
200	Potassium Phosphate	03 kg	
201	Petroleum Ether 60-80	10 Liter	
202	Potassium hydrogen Phthalate	02 kg	
203	Phthalic Acid	02 kg	
204	Pyrocatechol	01 kg	
205	Phosphorous (V) Oxide	02 kg	
206	Phosphorous Tri Chloride (Pcl3)	500 ml	
207	L-Proline	250 gm	
208	Pyridine-3,4-Dicarboxylic Acid	100 gm	
209	Palladium Chloride	100 gm	
210	Palatinum Chloride	100 gm	
211	Rubeanic Acid	100 gm	
212	Sodium Chloride	10 kg	
213	Sodium Carbonate	10 kg	
214	Sodium Bi Carbonate	10 kg	
215	Sodium Di Hydrogen Phosphate	05 kg	
216	Sodium Nitrite	05 kg	
217	Sodium Nitrate	05 kg	
218	Sodium Thio Sulphate	05 kg	
219	Sodium Di Sulphite	03 k	
220	Sodium Sulphate anhydrous	05 kg	
221	Sodium Hydroxide	10 kg	
222	Sodium Acetate	07 kg	
223	Stanoous Chloride	01 kg	
224	Sodium Sulphide	02 kg	
225	Sodium Iodide	01 kg	
226	Selenium Dioxide	02 kg	
227	Sodium Ammonium Hydrogen Phosphate	03 kg	
228	Salicylic Acid	10 kg	
229	Sodium Potassium Tartrate	07 kg	
230	Di Sodium Hydrogen Phosphate	05 kg	
231	Silica Gel for.TLC	10 kg	
232	Silica Gel for Column	10 kg	
233	Sodium Citrate	05 kg	
234	D-Sucrose	10 kg	

235	Sulphur Powder	05 kg	
236	Sulpho Salicylic Acid	01 kg	
237	Strontium Bromide	02 kg	
238	Strontium Chloride	02 kg	
239	Sodium Tartrate	02 kg	
240	Succinic Anhydride	500 gm	
241	Sodium Phosphate	05 kg	
242	Sulphuric Acid A.R	20 Liter	
243	Sodium Hypochlorite	02 Liter	
244	Sodium Borohydride	100 gm	
245	Silver Nitrate	100 gm	
246	Sodium Di Hydrogen Citrate	05 kg	
247	Sodium Hydrogen Sulphite	04 k	
248	Sodium Tungstate	01 kg	
249	Starch Potato	05 kg	
250	Sodium Silicate	02 kg	
251	Tri Chloro Acetic Acid (TCA)	02 kg	
252	Tris-Base	01 kg	
253	L-Tyrosine	500 gm	
254	4-Toluene Sulphonyl Chloride	500 gm	
255	Tween-20	02 Liter	
256	Titanium Dioxide	01 kg	
257	Thiophene 2 Carboxylic Acid	100 ml	
258	Thiophene 2 Carboxyldehyde	100 ml	
259	Triphenyl Phosphene	250 gm	
260	Tetra hydro thiophene	250 gm	
261	Tere phthalic Acid	100 gm	
262	Tetrahydrofurane (THF)	10 Liter	
263	Tungstic Acid	02 kg	
264	2-Thiazocarboaldehyde	100 gm	
265	Thionyl Chloride	500 ml	
266	L-Valine	500 gm	
267	Vinyl Acetate	250 g	
268	Vandium Chloride	500 gm	
269	Vandium Nitrate	500 gm	
270	Venyl Imidazole	100 gm	
271	Zinc Hydroxide Carbonate	01 kg	
272	Zinc Sulphate	05 kg	
273	Zinc Chloride	05 kg	
274	Zinc Oxide	05 kg	
275	Zinc Acetate	05 kg	
276	Zinc Phosphate	03 kg	
277	Zinc Nitrate	05 kg	
278	Zirconium Nitrate	500 gm	
279	Zirconium Powder	500 gm	
280	Ethanol Commercial	400 Liter	
281	Methanol Commercial	400 Liter	
282	Acetone Commercial	200 Liter	
283	Dichloromethane (DCM) Commercial	200 Liter	
284	Chloroform commercial	200 Liter	
285	Ethyl Acetate Commercial	200 Liter	
286	n-Hexane Commercial	200 Liter	

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**Terms & Conditions**

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3. Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 120 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
7. Must be mentioned Catalogue No
8. Authorization certification form relevant supplier/Manufacturer
9. Key Person Contact No.0345-9440734

**Signature:** \_\_\_\_\_  
**Name:** \_\_\_\_\_  
**Designation:** \_\_\_\_\_  
**Date:** \_\_\_\_\_

**Attachments:**

- |                                 |          |
|---------------------------------|----------|
| Earnest Money draft             | (Yes/No) |
| Affidavit for non-black listing | (Yes/No) |
| Bid Validity                    | (Yes/No) |
| Signed terms & conditions       | (Yes/No) |

**Note:** Bid shall be signed by the bidder/authorized person for bidder.



Technical Specification offered by the firm required  
letter head of the firm duly signed & stamped by  
Vender Of Tender A

Refrigerated Incubator

**Cool Incubator**

Plant Growing and Microorganisms breeding at specified temperature, Storage of liquids and samples for physicochemical analysis, Thermal insulation polyurethane foam forced air convection, Heating and cooling systems to hold set temperature regardless of ambient conditions, Defrosting function, LCD graphic display, Illuminated touch buttons Microprocessor temperature controller, Temperatures sensor sail alarm, Power failure control system, Real time clock, Sound alarm, Self-check function, Automatic fan shut down after completing the program, Test results memory, 149 L Chamber Capacity Solid Door Type, +3...+70 °c Temperature, Microprocessor Control with external LCD Graphic Display, Stainless Steel Interior, Stainless steel linen finish 472x315x430(WxHxD) Internal Dimension, 9.5KG Max. Shelf Workload, 169W Nominal Power, 0.1 °c Temperature Resolution,  $\pm 0.2$  °c Temperature Fluctuation  $\pm 0.4$  °c Temperature Variation,  $\frac{3}{4}$  Shelves

**UV Trans-illuminato**

Three wavelength options for added flexibility and convenience: 312 nm Long life filter, High efficiency reflector, Hi/Lo intensity switch, Fast start up Filter Size: 21 x 21 cm, Light source: 470nm Blue LED's or UV single wave (8W x 5 tubes), UV resistant Plastic Cover: 33 x 25 cm (WxD), Unit Dimension (WxDxH): 34 x 29.5 x 10 cm, Intensity Switch high (100%) / low (70%) single

**Micropipette**

Micropipette set with stand, Fully autoclavable at 121°C, Lightweight and ergonomic design, Clear digital, Integral tip ejector for access into narrow tubes, Easy to calibrate and maintain with tool supplied, Autoclavable tip-cone, Used with universal' pipette tips 0.1-2 µl: Accuracy 1.00%/0.1/0.80%, 0.5-10 µl: Accuracy 1.00%/0.1/0.8%, 10-100 µl: Accuracy 0.80%/1.00/0.40%, 100-1000 µl: Accuracy 0.70%/0.70% 2.00%

Technical Specification offered by the firm required  
letter head of the firm duly signed & stamped by  
Vender Of Tender B

### **Rice Dehuller**

#### **Specifications:**

Scientific Research grade unit for paddy Dehulling to test rice seed quality. Main body made of die cast Aluminum. Dehulling mechanical performance rate of 99%, low noise, adjustable speed as per requirements of the test. Speed range 2800 rpm & 6000 rpm. Robust rubber/ steel long life rollers. Multi size (small to medium) sample feeding hopper Cyclone bran outler. Motor voltage: AC 220V/50HZ Extra belts rollers & sieves.

**Refrigerated Incubator**

# Technical Specification offered by the firm required letter head of the firm duly signed & stamped by Vender Of Tender C

01	Ammonia Solution (Ammonium Hydroxide)	20 Liter	
02	Acetone A.R	20 Liter	
03	Acetic Acid A.R	20 Liter	
04	Ammonium Carbonate	10 kg	
05	Ammonium Chloride	10 kg	
06	a-Naphthol	02 kg	
07	Ammonium Nitrate	05 kg	
08	Aluminium Nitrate	02 kg	
09	Anthranilic Acid (2-amino benzoic acid)	100 gm	
10	Ammonium Molybdate	02 kg	
11	DL-Alanine	01 kg	
12	4-Amino Benzoic Acid	01 kg	
13	Aspartic Acid	01 kg	
14	Anthraquinone	02 kg	
15	Anthracene	02 kg	
16	Acetyl Chloride	01 Liter	
17	L-Arginine	250 gm	
18	Anthron	250 gm	
19	Ammonium Vandate	500 gm	
20	Aceto Acetic Ester (Ethyl Acetoacetate)	01 Liter	
21	1-Amino-2-Naphthol-4-Sulphonic Acid	250 gm	
22	Antimony V Chloride (Antimony penta Chloride)	01 kg	
23	Allyl Alcohol	2.5 Liter	
24	Allyl Bromide	02 kg	
25	Aluminium Foil	05 Roll	
26	Ammonium Di Hydrogen Phosphate	05 kg	
27	Acetyl Acetone	01 Liter	
28	Acrylamide	05 kg	
29	4-Amino Phenol	01 kg	
30	Acetyl Salicylic Acid	05 kg	
31	2-Amino Benzophenone	100 gm	
32	2-Amino -4-Methyl Benzophenone	100 gm	
33	2-Amino Coumarine	100 gm	
34	3-Amino Quinoline	100 gm	
35	4-Amino Quinoline	100 gm	
36	Agar	01 kg	
37	Aluminium Chloride anhydrous	01 kg	
38	9-Anthracenecarboxaldehyde	100 gm	
39	Benzoic Acid	05 kg	
40	Barium Carbonate	03 kg	
41	Bismuth Tri Chloride (Bismuth Chloride)	03 kg	
42	Bismuth Nitrate	03 kg	
43	Bismuth Carbonate	03 kg	
44	Barium Phosphate	03 kg	
45	Benzamide	05 kg	
46	Benzyl Amine	01 Liter	
47	Brucine	100 gm	
48	Benzoyl Acetone	01 Liter	
49	Benzyl Acetone	01 Liter	
50	Barium Chloride	05 kg	
51	Barbituric Acid	100 gm	
52	p-Bromo Toluene	01 kg	
53	N-Bromo succinamide (NBS)	02 kg	
54	Cadmium Nitrate	05 kg	
55	Chromium Acetate	03 kg	
56	Copper Sulphate	10 kg	
57	Chromium Nitrate	05 kg	
58	Chromium Sulphate	03 kg	
59	Copper Chloride	05 kg	
60	Chloroform A.R	20 Liter	
61	Calcium Hydrogen Phosphate	02 kg	

62	Calcium Oxalate	02 kg	
63	Calcium Chloride	05 Liter	
64	Cyclohexane	05 Liter	
65	L-Cystein	250 gm	
66	2-Chloro Benzoic Acid	250 gm	
67	Cobalt II Acetate	03 kg	
68	Cobalt II Chloride	03 kg	
69	Cobalt II Sulphate	03 kg	
70	Cadmium II Chloride	03 kg	
71	Cadmium Acetate	03 kg	
72	Cystine	500 gm	
73	Calcium Nitrate	03 kg	
74	Chloro Benzene	01 Liter	
75	Copper Carbonate	02 kg	
76	Copper Oxalate	02 kg	
77	Calcium Hydroxide	02 kg	
78	Cobalt Nitrate	03 kg	
79	Cinnamic Acid	02 kg	
80	Calcium Oxide	02 kg	
81	Chloro Phenol Red	250 gm	
82	Chromium Potassium Sulphate (Chrom Alum)	02 kg	
83	Calcium Hydride	01 kg	
84	Celite (Powder)	02 kg	
85	p-Chloro Toluene	100 gm	
86	N-Chloro succinamide (NCS)	100 gm	
87	Cycloheptanone	01 Liter	
88	Dextrin (White Powder)	02 kg	
89	Di Methyl Glyoxime (DMG)	500 gm	
90	D-Glucose	10 kg	
91	Dextrose	02 kg	
92	Dioxane (1,4-Dioxane)	05 Liter	
93	Di Methyl Formamide (DMF)	20 Liter	
94	Di Methyl Sulfoxide (DMSO)	10 Liter	
95	Di Chloro Methane (DCM)	20 Liter	
96	Di Ethyl Ether	05 Liter	
97	Dimedone	100 gm	
98	2,2-Dimethyl-3-phenylpropionaldehyde	100 gm	
99	Ethyl Acetate A.R	20 Liter	
99	Ethylene Glycol	05 Liter	
100	Ethyl Acetoacetate	01 Liter	
101	Ethanol 97% A.R	30 Liter	
102	Ethanol Amine	02 Liter	
103	Ferric Sulphate	05 kg	
104	Filter Paper Ordinary	20 Pkt	
105	Furfural	05 Liter	
106	Filter Paper whatman	20 Pkt	
107	Ferric Nitrate	10 kg	
108	Ferrous Nitrate	05 kg	
109	Glycine	01 kg	
110	Graphite	03 kg	
111	Hydro Floric Acid	05 Liter	
112	8-Hydroxy Quinone	250 gm	
113	n-Hexane	20 Liter	
114	Hydrazinium Chloride	02 kg	
115	Hydrazine Hydrate	02 Liter	
116	Hydrochloric Acid A.R	20 Liter	
117	p-Hydroxy Toluene (p-methyl phenol)	100 gm	
118	Hydroxyl amine	01 kg	
119	Iso Amyl Alcohol	10 Liter	
120	Iodine Crystel	2 kg	
121	Calcium Oxalate	02 kg	
122	Iso Propyl Alcohol	10 Liter	
123	Iodo methane	500 gm	
124	1,3-Indane dione	100 gm	
125	Lead Nitrate	05 kg	
126	Lithium Sulphate	02 kg	
127	Leucine	100 gm	
128	Litmus Paper Blue	100 Pkt	
129	Litmus Paper Red	100 Pkt	
130	Lithium Oxide	01 kg	
131	Mercuric Chloride (Mercury II Chloride)	01 kg	
132	Magnesium Nitrate	05 kg	
133	Magnesium Chloride	05 kg	
134	Maleic Acid	01 kg	
135	Mercuric Nitrate	02 kg	
136	Mercuric Sulphate	01 kg	
137	Magnesium bi Phosphate	02 kg	
138	Magnesium Acetate	03 kg	
139	Mercury II Acetate	02 kg	
140	Magnesium Turning	01 kg	
141	Manganese Acetate	02 kg	
142	Magnesium Oxide	01 kg	
143	Maleic Anhydride	01 kg	
144	Menthol	02 kg	
145	Mercurous Chloride (Mercury (I) Chloride)	01 kg	
146	Methanol A.R	30 Liter	
147	Methanol (HPLC)	30 Liter	

148	Magnesium Sulphide	02 kg	
149	2-Methyl Imidazol	100 gm	
150	Melachit Green	250 gm	
151	Maleic Hydrazine	500 gm	
152	Mercurous Nitrate	02 kg	
153	Murcury II Nitrate	02 kg	
154	Malonic Acid	500 gm	
155	Manose	250 gm	
156	Mercurous Sulphate	01 kg	
157	Manganese Nitrate	03 kg	
158	p-Methyl Benzaldehyde	100 gm	
159	Meldrum Acid	100 gm	
160	Myristicin aldehyde	100 gm	
161	Nickel Sulphate	05 kg	
162	Nickel Acetate	05 kg	
163	Nickel Carbonate (Hydroxide)	03 kg	
164	Nickel Chloride	05 kg	
165	Nickel Nitrate	05 kg	
166	Nitric Acid A.R	20 Liter	
167	2-Nitro Benzoic Acid	250 gm	
168	Nickel Metal	01 kg	
169	Nitroso R Salt	250 gm	
170	p-Nitro Toluene	100 gm	
171	Oxalic Acid	10 kg	
172	Potassium Nitrate	05 kg	
173	Potassium Phosphate	05 kg	
174	Potassium Bicarbonate	05 kg	
175	Potassium Carbonate Anhydrous	05 kg	
176	Potassium Hexa Hydrogen Antimonate	02 kg	
177	Potassium Sulphate	05 kg	
178	Potassium Hydroxide	10 kg	
179	Potassium Ferrocyanite	02 kg	
180	Potassium Iodide	05 kg	
181	Potassium Permanganate	07 kg	
182	Phenanthrene	01 kg	
183	Phthalic Acid	01 kg	
184	Per chloric Acid	01 Liter	
185	Potassium Acetate	05 kg	
186	Potassium Bromide (or spectroscopy)	02 kg	
187	Potassium Bi Phthalate	02 kg	
188	Potassium Nitrate	05 kg	
189	Potassium Hydrogen Tartrate	03 kg	
190	Potassium Di Hydrogen Citrate	03 kg	
191	Peptone	01 kg	
192	Potassium Sulphite	04 kg	
193	Potassium Cyanate	02 kg	
194	Poly Vinyl Pyrrolidone	500 gm	
195	Poly Vinyl Chloride	01 kg	
196	Poly vinyl Alcohol	01 Liter	
197	pH Paper (multi colour)	200 Pkt	
198	Phenyl Hydrazine	01 Liter	
199	Phthalic Anhydride	01 kg	
200	Potassium Phosphate	03 kg	
201	Petroleum Ether 60-80	10 Liter	
202	Potassium hydrogen Phthalate	02 kg	
203	Phthalic Acid	02 kg	
204	Pyrocatechol	01 kg	
205	Phosphorous (V) Oxide	02 kg	
206	Phosphorous Tri Chloride (Pcl3)	500 ml	
207	L-Proline	250 gm	
208	Pyridine-3,4-Dicarboxylic Acid	100 gm	
209	Palladium Chloride	100 gm	
210	Palatinum Chloride	100 gm	
211	Rubeanic Acid	100 gm	
212	Sodium Chloride	10 kg	
213	Sodium Carbonate	10 kg	
214	Sodium Bi Carbonate	10 kg	
215	Sodium Di Hydrogen Phosphate	05 kg	
216	Sodium Nitrite	05 kg	
217	Sodium Nitrate	05 kg	
218	Sodium Thio Sulphate	05 kg	
219	Sodium Di Sulphite	03 k	
220	Sodium Sulphate anhydrous	05 kg	
221	Sodium Hydroxide	10 kg	
222	Sodium Acetate	07 kg	
223	Stanous Chloride	01 kg	
224	Sodium Sulphide	02 kg	
225	Sodium Iodide	01 kg	
226	Selenium Dioxide	02 kg	
227	Sodium Ammonium Hydrogen Phosphate	03 kg	
228	Salicylic Acid	10 kg	
229	Sodium Potassium Tartrate	07 kg	
230	Di Sodium Hydrogen Phosphate	05 kg	
231	Silica Gel for.TLC	10 kg	
232	Silica Gel for Column	10 kg	
233	Sodium Citrate	05 kg	
234	D-Sucrose	10 kg	

235	Sulphur Powder	05 kg	
236	Sulpho Salicylic Acid	01 kg	
237	Strontium Bromide	02 kg	
238	Strontium Chloride	02 kg	
239	Sodium Tartrate	02 kg	
240	Succinic Anhydride	500 gm	
241	Sodium Phosphate	05 kg	
242	Sulphuric Acid A.R	20 Liter	
243	Sodium Hypochlorite	02 Liter	
244	Sodium Borohydride	100 gm	
245	Silver Nitrate	100 gm	
246	Sodium Di Hydrogen Citrate	05 kg	
247	Sodium Hydrogen Sulphite	04 k	
248	Sodium Tungstate	01 kg	
249	Starch Potato	05 kg	
250	Sodium Silicate	02 kg	
251	Tri Chloro Acetic Acid (TCA)	02 kg	
252	Tris-Base	01 kg	
253	L-Tyrosine	500 gm	
254	4-Toluene Sulphonyl Chloride	500 gm	
255	Tween-20	02 Liter	
256	Titanium Dioxide	01 kg	
257	Thiophene 2 Carboxylic Acid	100 ml	
258	Thiophene 2 Carboxyldehyde	100 ml	
259	Triphenyl Phosphene	250 gm	
260	Tetra hydro thiophene	250 gm	
261	Tere phthalic Acid	100 gm	
262	Tetrahydrofurane (THF)	10 Liter	
263	Tungstic Acid	02 kg	
264	2-Thiazocarboaldehyde	100 gm	
265	Thionyl Chloride	500 ml	
266	L-Valine	500 gm	
267	Vinyl Acetate	250 g	
268	Vandium Chloride	500 gm	
269	Vandium Nitrate	500 gm	
270	Venyl Imidazole	100 gm	
271	Zinc Hydroxide Carbonate	01 kg	
272	Zinc Sulphate	05 kg	
273	Zinc Chloride	05 kg	
274	Zinc Oxide	05 kg	
275	Zinc Acetate	05 kg	
276	Zinc Phosphate	03 kg	
277	Zinc Nitrate	05 kg	
278	Zirconium Nitrate	500 gm	
279	Zirconium Powder	500 gm	
280	Ethanol Commercial	400 Liter	
281	Methanol Commercial	400 Liter	
282	Acetone Commercial	200 Liter	
283	Dichloromethane (DCM) Commercial	200 Liter	
284	Chloroform commercial	200 Liter	
285	Ethyl Acetate Commercial	200 Liter	
286	n-Hexane Commercial	200 Liter	