

مولانا آزاد نیشنل اردو یونیورسٹی  
 MAULANA AZAD NATIONAL URDU UNIVERSITY  
 (A Central University established by an Act of Parliament in 1998)  
 Department of Botany



No. MANUU/Dept. of Botany/F.26/2016-17/

Date:02.03 2017

**Sub: MANUU – Dept. of Botany – Supply of glassware, consumables, Chemicals & Minor equipment – Limited Tender Enquiry – Reg.**

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The University intends to procure and glassware, consumables, Chemicals & Minor equipment at Dept. of Botany, School of sciences, MANUU, Gachibowli, Hyderabad as per the specifications mentioned below from the Govt. suppliers/original manufacturer of the Equipment / authorized dealer / distributor only. You are requested to submit quotations in sealed envelope along with prescribed EMD of Rs. 5000/- (Exemption for registering with MSME NSIC, N.C.C.F, Kendriya Bhandar etc as per GoI norms will only be considered on production of documentary proof) as per Annexure-I on or before **13<sup>th</sup> March 2017** by 2.00 p.m. The tender will be opened on the same day at 2:00 p.m. in the presence of prospective bidders.

**Specification of glassware, consumables, Specimens, Permanent slides, Charts, Chemicals & Miscellaneous items:**

Sl.	Material Description	Qty
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S.No	Permanent Slides	Permanent- Slide (Quantity)
1.	Oscillatoria	02 pc
2.	Nostoc	02 pc
3.	Volvox	02 pc
4.	Oedogonium	02 pc
5.	Polysiphonia	02 pc
6.	Albugo (White Rust)	04 pc
7.	Yeast (Saccharomyces)	02 pc
8.	Penicillium	02 pc
9.	Puccinia (Wheat Rust)	04 pc
10.	Phytophthora infestation (Late Blight of Potato)	02 pc
11.	Tikka disease of Ground nut (Leaf) (T.S.)	02 pc
12.	Citrus canker (Leaf) (T.S.)	02 pc
13.	Angular Leaf Spot of Cotton (T.S.)	02 pc
14.	Tobacco Mosaic Virus (Leaf) (V.S.)	02 pc
15.	Bendi Vain Clearing (Leaf) (T.S.)	02 pc
16.	Early Blight of Potato (Leaf) (V.S.)	02 pc
17.	Black Stem Rust of Wheat (T.S.)	02 pc
18.	White Rust of Crucifer (Leaf) (T.S.)	02 pc

Department of Botany

19.	Alternaria soloni	04 pc
20.	Bacteria (Gram Positive)	02 pc
21.	Bacteria (Gram Negative)	02 pc
22.	Crustose -Lichen	02 pc
23.	Foliose-Lichen	02 pc
24.	Fruticose -Lichen	02 pc
25.	Marchantia - Thallus (T.S.)	02 pc
26.	Marchantia - Archegoniophore	02 pc
27.	Marchantia - Antheridiophore	02 pc
28.	Marchantia - Sporophyte (T.S. and L.S.)	02 pc
29.	Marchantia- Gemma Cup	02 pc
30.	Anthoceros -Thallus	02 pc
31.	Anthoceros - Antheridiophore	02 pc
32.	Anthoceros -Archegoniophore	02 pc
33.	Anthoceros- Sporophyte (L.S.)	02 pc
34.	Polytrichum - Thallus (L.S.)	02 pc
35.	Polytrichum - Leaf (V.S)	02 pc
36.	Polytrichum - Archegoniophore	02 pc
37.	Polytrichum - Antheridiophore	02 pc
38.	Polytrichum - Capsule	02 pc
39.	Polytrichum - Sporophyte	02 pc
40.	Lycopodium - Sporophyte	02 pc
41.	Lycopodium - Stem (T.S)	02 pc
42.	Lycopodium - Strobilus (T.S)	02 pc
43.	Lycopodium - Leaf (V.S.)	02 pc
44.	Lycopodium - Root (T.S.)	02 pc
45.	Lycopodium - Strobilus	02 pc
46.	Equisetum - Sporophyte (L.S.)	02 pc
47.	Equisetum - Stem (T.S.)	02 pc
48.	Equisetum - Strobilus (T.S.)	02 pc
49.	Equisetum - Root (T.S.)	02 pc
50.	Marsilea - Sporophyte	02 pc
51.	Marsilea - Petiole (T.S.)	02 pc
52.	Marsilea - Rhizome (T.S.)	02 pc
53.	Marsilea - Sporocarp (L.S.)	02 pc
54.	Marsilea - Sporocarp (T.S.)	02 pc
55.	Rhynia - Fossil Plant	02 pc
56.	Cycadeoidia - Fossil Plant	02 pc
57.	Pinus - Needle (V.S.)	02 pc
58.	Pinus - Stem (T.S.)	02 pc

**Department of Botany**

59.	Pinus – Male Cone	02 pc
60.	Pinus – Female Cone	02 pc
61.	Gnetum – Stem (T.S.)	02 pc
62.	Gnetum – Male Cone	02 pc
63.	Gnetum – Female Cone	02 pc
64.	Wheat Grain (Endosperm) (T.S.)	02 pc
65.	Wheat Grain (Endosperm) (L.S.)	02 pc
66.	Rice Grain (Endosperm) (T.S.)	02 pc
67.	Rice Grain (Endosperm) (L.S.)	02 pc
68.	Tectona grandis (Teak wood) (T.S.)	02 pc
69.	Pinus wood (Stem) (T.S.)	02 pc
70.	Jute Plant (Stem ) (T.S.)	02 pc
71.	Stomata Types (Leaf)	02 pc

S.No	Charts	Quantity
1.	Lycopodium – Sporophyte	01 pc
2.	Lycopodium – Stem	01 pc
3.	Lycopodium – Leaf	01 pc
4.	Lycopodium – Root	01 pc
5.	Lycopodium – Strobilus	01 pc
6.	Equisetum – Sporophyte	01 pc
7.	Equisetum – Stem	01 pc
8.	Equisetum – Strobilus	01 pc
9.	Marsilea – Sporophyte	01 pc
10.	Marsilea – Rhizome	01 pc
11.	Marsilea – Petiole	01 pc
12.	Marsilea – Sporocarp	01 pc
13.	Rhynia – Fossil Plant	01 pc
14.	Cycadeoidia - Fossil Plant	01 pc
15.	Gnetum – Stem	01 pc
16.	Gnetum – Male Cone	01 pc
17.	Gnetum – Female Cone	01 pc
18.	Tinospora cardifolia	01 pc
19.	Oscimum santum	01 pc
20.	Piper longum	01 pc
21.	Terminelia chebula	01 pc
22.	Aleovera	01 pc
23.	Curcuma longa	01 pc
24.	Rutaceae	01 pc

**Department of Botany**

25.	Fabaceae	01 pc
26.	Mimosaceae	01 pc
27.	Annonaceae	01 pc
28.	Asteraceae	01 pc
29.	Asclepiadeceae	01 pc
30.	Euphorbaceae	01 pc
31.	Caesalpiadeceae	01 pc
32.	Poaceae	01 pc
33.	Monocot – Stem (T.S.)	01 pc
34.	Dicot – Stem (T.S.)	01 pc
35.	Monocot – Root (T.S.)	01 pc
36.	Dicot – Root (T.S.)	01 pc
37.	Pollen Morphology (Anther)	01 pc
38.	Pollen Morphology (Types of Pollen)	01 pc
39.	Pollen morphology of Hibiscus	01 pc
40.	Pollen morphology of Acacia	01 pc
41.	Pollen morphology of Grass	01 pc
42.	Azadiracta indica T.S. Stem	01 pc
43.	Polyembryony	01 pc
44.	Dicot- Embryo (Development)	01 pc
45.	Monocot- Embryo (Development)	01 pc
46.	Stomata Types	01 pc
47.	Anomalous Secondary Growth – Stem Dracaena	01 pc
48.	Boerhavia (T.S.)	01 pc
49.	Anomalous Secondary Growth – Root Beet Root	01 pc
50.	Pollination	01 pc
51.	Fertilization	01 pc
52.	Types of Ovules	01 pc
53.	Types of Placentation	01 pc
54.	Mitosis	01 pc
55.	Meiosis	01 pc
56.	Monohybrid Cross-Incomplete Dominance	01 pc
57.	Dihybrid Ratio	01 pc
58.	Genetic Code	01 pc
59.	Linkage	01 pc
60.	Mutation (Plant)	01 pc
61.	Types of Placentations	01 pc
62.	Bentham and Hooker Classification	01 pc
63.	Engler and Prantal Classification	01 pc
64.	Microsporogenesis & Male Gametophytes	01 pc

**Department of Botany**

65.	Megasporogenesis & Female Gametophytes	01 pc
66.	Endosperm Types	01 pc
67.	Meristem	01 pc
68.	Trichomes	01 pc
69.	Photosynthesis- Light Reactions	01 pc
70.	C4 and CAM Cycle	01 pc
71.	Plant Transpiration	01 pc
72.	Glycolysis	01 pc
73.	Electron Transport System	01 pc
74.	Photorespiration	01 pc
75.	Active & Passive Transport	01 pc
76.	Fossils plant-Lygenopteridaee	01 pc
77.	Crustose -Lichen	01 pc
78.	Foliose-Lichen	01 pc
79.	Fruticose -Lichen	01 pc
80.	Different Types of Thalli of Lichen-Morphology	01 pc
81.	Disease Symptoms by Bacteria	01 pc
82.	Disease Symptoms by Fungi	01 pc
83.	Archaeobacteria	01 pc
84.	Chlamydia	01 pc
85.	Cyanobacteria	01 pc
86.	Albugo (White Rust)	01 pc
87.	Yeast (Saccharomyces)	01 pc
88.	Penicillium	01 pc
89.	Puccinia (Wheat Rust) Life Cycle	01 pc
90.	Phytophthora infestance (Late Blight of Potato) Life Cycle	01 pc
91.	Tikka disease of Ground nut (Leaf)	01 pc
92.	Citrus canker (Leaf)	01 pc
93.	Angular Leaf Spot of Cotton	01 pc
94.	Rust Disease of Wheat ( Life Cycle)	01 pc
95.	Tobacco Mosaic Virus (Leaf)	01 pc
96.	Bendi Vain Clearing (Leaf)	01 pc
97.	Early Blight of Potato (Leaf)	01 pc
98.	Black Stem Rust of Wheat (Life Cycle)	01 pc
99.	White Rust of Crucifer (Leaf) (Life Cycle)	01 pc
100.	Alternaria soloni (Leaf)	01 pc
101.	Bunchy Top of Banana	01 pc
102.	Leaf Curl of Papaya	01 pc
103.	Citrus canker (Lemon Fruit)	01 pc

**Department of Botany**

104.	Leaf Blight of Paddy	01 pc
105.	Wheat (Whole Plant and Seed)	01 pc
106.	Rice (Whole Plant and Seed)	01 pc
107.	Soyabean (Whole Plant and Seed)	01 pc
108.	Ground Nut (Whole Plant and Seed)	01 pc
109.	Sugarcane (Whole Plant and Seed)	01 pc
110.	Black Pepper (Whole Plant and Seed)	01 pc
111.	Fennel (Whole Plant and Seed)	01 pc
112.	Clove (Whole Plant and Seed)	01 pc
113.	Tea (Whole Plant and Seed)	01 pc
114.	Coffee (Whole Plant and Seed)	01 pc
115.	Mustard (Whole Plant and Seed)	01 pc
116.	Mashroom (Different types of Edible Mushroom) (Whole Plant)	01 pc
117.	Mashroom (Different types of Poisonous Mushroom) (Whole Plant)	01 pc
118.	Rosa Plant	01 pc
119.	Veitevaria Plant	01 pc
120.	Santalum Plant	01 pc
121.	Eucalyptus Plant	01 pc
122.	Rubber Plant	01 pc
123.	Digitalis Plant	01 pc
124.	Cannabis Plant	01 pc
125.	Tobacco Plant	01 pc
126.	Tectona grandis (Teak Plant) Wood Blocks	01 pc
127.	Pinus plant Wood Blocks	01 pc
128.	Cotton Plant	01 pc
129.	Jute Plant (Stem)	01 pc
130.	Millets (Bajra Plant)	01 pc
131.	Chick Pea Plant	01 pc
132.	Pigeon Pea Plant (Arhar/Toor)	01 pc
133.	Saffron Plant and Flower	01 pc



S.No	Specimens	Quantity
1.	Equisetum – Sporophyte	01 pc
2.	Marsilea –	01 pc
3.	Rhynia – Fossil Plant	01 pc
4.	Cycadeoidia - Fossil Plant	01 pc
5.	Gnetum – Male Cone	01 pc
6.	Gnetum – Female Cone	01 pc
7.	Tinospora cardifolia	01 pc
8.	Oscimum santum	01 pc
9.	Piper longum	01 pc
10.	Terminelia chebula	01 pc
11.	Aleovera	01 pc
12.	Curcuma longa	01 pc
13.	Crustose –Lichen	01 pc
14.	Foliose-Lichen	01 pc
15.	Fruticose –Lichen	01 pc
16.	Marchantia –	01 pc
17.	Marchantia – Sporophyte	01 pc
18.	Marchantia- Gemma Cup	01 pc
19.	Anthoceros –	01 pc
20.	Anthoceros- Sporophyte	01 pc
21.	Polytrichum –	01 pc
22.	Polytrichum – Capsule	01 pc
23.	Polytrichum – Sporophyte	01 pc
24.	Lycopodium – Sporophyte	01 pc
25.	Equisetum – Sporophyte	01 pc
26.	Marsilea – Sporophyte	01 pc
27.	Albugo (White Rust)	01 pc
28.	Puccinia (Wheat Rust)	01 pc
29.	Phytophthora infestance (Late Blight of Potato)	01 pc
30.	Tikka disease of Ground nut (Leaf)	01 pc
31.	Citrus canker (Leaf )	01 pc
32.	Angular Leaf Spot of Cotton	01 pc
33.	Rust Disease of Wheat	01 pc
34.	Tobacco Mosaic Virus (Leaf)	01 pc
35.	Bendi Vain Clearing (Leaf)	01 pc
36.	Early Blight of Potato (Leaf)	01 pc
37.	Black Stem Rust of Wheat	01 pc
38.	White Rust of Crucifer (Leaf)	01 pc



**Department of Botany**

39.	Alternaria soloni (Leaf)	01 pc
40.	Bunchy Top of Banana	01 pc
41.	Leaf Curl of Papaya	01 pc
42.	Citrus canker (Lemon Fruit)	01 pc
43.	Leaf Blight of Paddy	01 pc
44.	Wheat (Whole Plant)	01 pc
45.	Rice (Whole Plant)	01 pc
46.	Soyabean (Whole Plant)	01 pc
47.	Ground Nut (Whole Plant)	01 pc
48.	Sugarcane (Whole Plant)	01 pc
49.	Black Pepper (Whole Plant)	01 pc
50.	Fennel (Whole Plant)	01 pc
51.	Clove (Whole Plant)	01 pc
52.	Tea Plant (Whole Plant)	01 pc
53.	Coffee (Whole Plant)	01 pc
54.	Mustard (Whole Plant)	01 pc
55.	Mushroom (Button Mushroom) (Whole Plant)	01 pc
56.	Mushroom (Poisonous Mushroom) (Whole Plant)	01 pc
57.	Rosa Plant	01 pc
58.	Veitevaria Plant	01 pc
59.	Santalum Plant	01 pc
60.	Eucalyptus Plant	01 pc
61.	Rubber Plant	01 pc
62.	Digitalis Plant	01 pc
63.	Cannabis Plant	01 pc
64.	Tobacco Plant	01 pc
65.	Tectona grandis (Teak Plant) Wood Blocks	01 pc
66.	Pinus plant Wood Blocks	01 pc
67.	Cotton Plant	01 pc
68.	Jute Plant (Stem)	01 pc
69.	Millets (Bajra Plant)	01 pc
70.	Chick Pea Plant	01 pc
71.	Pigeon Pea Plant (Arhar/Toor)	01 pc
72.	Saffron Plant and Flower	01 pc

**Class Work Material**

S.No	Pathogenic Material (Disease Leaf & Stem)	Quantity
1.	Albugo (White Rust)	20 Units
2.	Yeast (Saccharomyces)	20 Units



**Department of Botany**

3.	Penicillium	20 Units
4.	Puccinia (Wheat Rust)	20 Units
5.	Phytophthora infestance (Late Blight of Potato)	20 Units
6.	Tikka disease of Ground nut (Leaf)	20 Units
7.	Citrus canker (Leaf)	20 Units
8.	Angular Leaf Spot of Cotton	20 Units
9.	Rust Disease of Wheat	20 Units
10.	Tobacco Mosaic Virus (Leaf)	20 Units
11.	Bendi Vain Clearing (Leaf)	20 Units
12.	Early Blight of Potato (Leaf)	20 Units
13.	Black Stem Rust of Wheat	20 Units
14.	White Rust of Crucifer (Leaf)	20 Units
15.	Alternaria soloni (Leaf)	20 Units
16.	Bunchy Top of Banana	02 Units
17.	Leaf Curl of Papaya	02 Units
18.	Citrus canker (Lemon Fruit)	02 Units
19.	Leaf Blight of Paddy	02 Units
20.	Oscillatoria	20 Units
21.	Nostoc	20 Units
22.	Volvox	20 Units
23.	Oedogonium	20 Units
24.	Polysiphonia	20 Units
25.	Alterneria	20 Units
26.	Chara	20 Units
27.	Pinus – Needle	20 Units
28.	Marchantia – Thallus	20 Units
29.	Marchantia – Archegoniophore	20 Units
30.	Marchantia – Antheridiophore	20 Units
31.	Marchantia – Sporophyte	20 Units
32.	Marchantia- Gemma Cup	20 Units
33.	Anthoceros –Thallus	20 Units
34.	Anthoceros – Antheridiophore	20 Units
35.	Anthoceros –Archegoniophore	20 Units
36.	Anthoceros- Sporophyte	20 Units
37.	Polytrichum – Thallus	20 Units
38.	Polytrichum – Leaf	20 Units
39.	Polytrichum – Archegoniophore	20 Units
40.	Polytrichum – Antheridiophore	20 Units
41.	Polytrichum – Capsule	20 Units
42.	Polytricum – Sporophyte	20 Units

**Department of Botany**

43.	Lycopodium – Sporophyte	20 Units
44.	Lycopodium – Stem	20 Units
45.	Lycopodium – Strobilus	20 Units
46.	Lycopodium – Leaf	20 Units
47.	Lycopodium – Root	20 Units
48.	Lycopodium – Strobilus	20 Units
49.	Equisetum – Leaf	20 Units
50.	Equisetum – Sporophyte	20 Units
51.	Equisetum – Stem	20 Units
52.	Equisetum – Strobilus	20 Units
53.	Equisetum – Root	20 Units
54.	Marsilea – Sporophyte	20 Units
55.	Marsilea – Petiole	20 Units
56.	Marsilea – Rhizome	20 Units
57.	Marsilea – Sporocarp	20 Units
58.	Tinospora cardifolia	02 Units
59.	Oscimum santum	02 Units
60.	Piper longum	02 Units
61.	Terminelia chebula	02 Units
62.	Aleovera	02 Units
63.	Curcuma longa	02 Units
64.	Monocot – Stem (Sun-flower)	20 Units
65.	Dicot – Stem (Maiz)	20 Units
66.	Monocot – Root (Sun-flower)	20 Units
67.	Dicot – Root (Maiz)	20 Units
68.	Anomalous Secondary Growth – Stem Dracaena	20 Units
69.	Boerhavia	20 Units
70.	Anomalous Secondary Growth – Root Beet Root	20 Units
71.	Milletts (Bajra Seeds)	500 gm
72.	Cotton Seeds	500 gm
73.	Chick Pea seed	500 gm
74.	Pigeon Pea (Arhar/Toor Daal)	500 gm
75.	Wheat Grain	500 gm
76.	Rice Grain	500 gm
77.	Soyabean Seed	500 gm
78.	Black Pepper Seed	250 gm
79.	Fennel	250 gm
80.	Clove	250 gm
81.	Coffee Bean	250 gm
82.	Mustard Seed	500gm



S.No	Chemicals	Quantity
1.	Glacial Acetic acid	500 ml × 5
2.	Phenol	500 ml × 2
3.	Ninhydrin Spray	500 ml × 1
4.	Mercuric chloride	250 gm × 1
5.	Cobalt Chloride	500 ml × 1
6.	Clove Oil	500 ml × 4
7.	Petroleum Ether	500 ml × 2
8.	Acetone	500 ml × 5
9.	Methyl Alcohol	500 ml × 5
10.	Diethyl Ether	500 ml × 1
11.	Potassium hydroxide	500 ml × 2
12.	Cobalt Chloride	500 ml × 2
13.	Hydrogen Peroxide	500 ml × 4
14.	Iodin Solution	500 ml × 4
15.	Sulphuric Acid	500 ml × 2
16.	Phloroglucin	500 ml × 2
17.	Hydrochloric Acid	500 ml × 2
18.	Potassium Permagnet	500 gm × 2
19.	Ammonium hydroxide	500 gm × 2
20.	Sodium bicarbonate	500 gm × 2
21.	Sucrose	500 gm × 2
22.	Alcohol	5 lt
23.	Fehling's Solution	500 ml × 1
24.	Benedict's Solution	500 ml × 1
25.	Sodium Carbonate	500 gm × 1
26.	Sodium bicarbonate	500 gm × 1
27.	Millon's reagent 'a'	500 ml × 1
28.	Millon's reagent 'b'	500 ml × 1
29.	Nitric Acid	500 gm × 5
30.	Sodium hydroxide	500 ml × 1
31.	Copper Sulphate	500 gm × 1
32.	Sudan-III	500 gm × 1
33.	Osmic Acid	500 ml × 1
34.	Glycerin	500 ml × 2
35.	Starch	500 gm × 2
36.	NaoH	500 gm × 2
37.	Na <sub>2</sub> Co <sub>3</sub>	500 gm × 2

Department of Botany

38.	Sodium hypochlorite (NaOCl)	250 gm× 2
39.	Mercury chlorine (HgCl <sub>2</sub> )	250 gm× 1
40.	Agar-agar (Merck Millipore)	500 gm× 2
41.	Potassium Nitrate (KNO <sub>3</sub> )	500 gm× 2
42.	Potassium dihydrogen Phosphate (KH <sub>2</sub> PO <sub>4</sub> )	500 gm× 2
43.	Dextrose (Merck Millipore / Himedia)	500 gm× 2
44.	Magnesium Sulphate (MgSO <sub>4</sub> )	500 gm× 2
45.	Ferric Chloride (FeCl <sub>2</sub> )	500 gm× 2
46.	Sucrose (C <sub>12</sub> H <sub>22</sub> O <sub>11</sub> )	500 gm× 2
47.	Magnesium Sulphate	500 gm× 2
48.	Potassium dihydrogen Phosphate	500 gm× 2
49.	Potassium Nitrate	500 gm× 2
50.	Iron Chloride (FeCl <sub>3</sub> )	500 gm× 1
51.	Peptone (Merck Millipore / Himedia)	500 gm× 1
52.	Beef Extract (Merck Millipore / Himedia) :	500 gm× 1
53.	Proteose Peptone No. 03	500 gm× 1
54.	Dipotassium hydrogen phosphate	500 gm× 1
55.	Nutrient Broth (HiMedia)	500 gm× 1
56.	Lactophenol	500 ml× 2
57.	Cotton Blue	500 ml× 2
58.	Saffranin (Powder)	100 gm× 2
59.	Fast green (Powder)	100 gm× 2
60.	Benzidine	500 ml× 2
61.	Xylene	500 ml× 2
62.	Ethanol	500 ml× 5
63.	2,3,5 Triphenyl tetra zolium chloride	500 ml x2
64.	Potassium hydroxide	500 ml x2

S.No	Glassware	Quantity
1.	Staining Bottle / Dropping Bottle	50 pc
2.	Watch Glass (Big) / (7.5 Cms)	100 pc
3.	Watch Glass (Medium) / (50mm)	50 pc
4.	Petri Dishes (Big) /	100 pc
5.	Petri Dishes (Medium) /	100 pc
6.	Glass Slides Packets (75 mm Long×25 mm Wide, 1.5mm Thickness)	10 (Box)
7.	Culture tubes (Plastic)	100 pc
8.	Culture tube Stand (Three Tier)	10 pc
9.	Culture tube Slanting Rack (wooden)	05 pc



**Department of Botany**

10.	Capillary tube	30 pc
11.	Cover Slip Packets (18mm; 10 Gms)	10 (Box)
12.	Glass Pippet (10 ml, 20 ml, 25ml, 50 ml)	10 pc Each
13.	Micropipettes (All variables)	01 Set
14.	Micropipettes Tips (1 ml)	01 packets each
15.	Reagent Bottles with Stopper	50 pc
16.	Reagent Bottles with Racks (wooden) 06 blocks	12 pc
17.	Funnels (Medim)	25 pc
18.	Funnels (Large)	25 pc
19.	Test Tube (Medium) (15×125;13 ml)	100 pc
20.	Test Tube (Large)	50 pc
21.	Glass Petridish (10 cm Dia.× 01 cm height)	100 pc
22.	Glass Petridish (08 cm Dia.× 01 cm height)	100 pc
23.	Reagent Bottle with cap (100 ml, 250 ml)	50 pc Each
24.	Reagent Bottle with cap (500 ml, 1000 ml)	10 pc Each
25.	Glass Specimen Jar with Lid (Large/1 lt)	10 pc
26.	Glass Specimen Jar with Lid (Large/500 ml)	10 pc
27.	Measuring Cylinder (1000ml)	02 pc
28.	Measuring Cylinder (500 ml)	02 pc
29.	Measuring Cylinder (250 ml)	02 pc
30.	Measuring Cylinder (100 ml)	02 pc
31.	Measuring Cylinder (50 ml)	02 pc
32.	Magnifying Glass	02 pc
33.	Water Storage Tank with Tap (10 lt)	01 pc
34.	Coupling Jar with Lid (Glass)	20 pc
35.	Burette (Glass)	20 pc
36.	Burette Stand (Iron)	20 pc
37.	Ganongs respirometer	02 pc
38.	Retorts	05 pc
39.	Ganongs screen	04 pc
40.	Ganongs Potometer	02 pc

**Miscellaneous**

1.	Non absorbing cotton	20 packets
2.	Absorbing cotton	20 packets
3.	Muslin cloth / cheese cloth	10 mts
4.	Tissue paper rollers	20 pc
5.	Blotting sheets	50 sheets
6.	Butter paper / tracing paper	50 pc
7.	Spatula	05 pc
8.	Scalpel	20 pc



**Department of Botany**

9.	Wire mesh and basket and metal racks for holding culture / test tubes	10 pc
10.	Forceps ( 8/10 inch) blunt-end	10 pc
11.	Scissor big	02 pc
12.	Scissor small	02 pc
13.	Slide aluminum tray (for oven)	04 pc
14.	Forceps ( 8/10 inch) pointed-end	10 pc
15.	Split cork	10 pc

**Terms & Conditions:**

1. Price's are to be quoted both in figures and in words. In case of a discrepancy, that the price quoted in words/ lowest will be taken as valid.
2. The bidder should be an govt. supplier / Original Manufacturer of the Equipment or authorized dealer/distributors of the above items. For minor equipments, the authorization letter from OEM / Original Manufacturer specific to this tender to be enclosed, failing which the bid will be rejected.
3. Incomplete / conditional bids will be rejected.
4. The bid must be as per mentioned specifications **Annexure – I** or higher specification.
5. The quantity included in the bid can be increased or decreased at the discretion of the Competent Authority, Maulana Azad National Urdu University Hyderabad.
6. The supply of said items has to be made within a period of **two weeks** from the date of receipt of Purchase Order. In case of delay, 0.5% cost of the whole supply for every week as late supply will be deducted from the bill/Performance Guarantee to the maximum of 10% after which the order will be cancelled. In case, if the firm supplies inferior quality, the University may at its decision reject the entire material and impose penalty.
7. Items offered in the tender enquiry may be re-ordered at the same rate, terms & conditions within a period of twelve months/one year from the date of issue of Purchase Order.
8. The amount quoted should include all the charges including taxes, transportation, installation, etc.
9. All pages of the tender document are to be signed and stamped by the tendering firm and to be attached along with the bids.
10. Items should carry warranty (for minor equipments only) for at least one year or as per OEM whichever is later.
11. The University reserves all the rights to place the order with the firm quoted lowest rates. In case, if two or more number of firms quotes the same rate, the Committee reserves right to place order as per the additional features and other inputs as quoted in the bid.
12. The firms should submit EMD or Rs.3000/- (refundable) as detailed below in the form of DD drawn from any scheduled bank in favour of MANUU payable at Hyderabad. (Exemption for registering with MSME NSIC, N.C.C.F, Kendriya Bhandar etc as per GoI norms will only be considered on production of documentary proof).
13. The L-1 firm (for equipments only) should submit 10% value of Purchase Order as Performance Guarantee in the form of D.D / Fixed Deposit (Joint Account) / Bank Guarantee from a scheduled bank in favour of MANUU which will be released after 60 days after completion of warranty and after fulfilling of all tender obligations.
14. For any query/clarification, you may contact Dept. of Botany, School of Sciences.
15. The firm shall give demonstration/training to the user department about the usage/features of the equipment after installation.

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16. The University reserves all the rights to reject or accept any tender without assigning any reason or cancel or withdraw the tender notice.
17. In case of any dispute, Hyderabad will be the Jurisdiction. The Registrar, Maulana Azad National Urdu University, Hyderabad shall decide the issue and his decision will be final and shall be binding on the both parties.

**Head**  
(Department of Botany)

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**Annexure-I**

1.	Name of Firm	
2.	Details of EMD of Rs.3,000/- (if exempted, documentary proof)	D.D. No. _____ dated: _____ Bank _____
3.	Details of Registration with income tax	
4.	Original Equipment Manufacturer (OEM) authorization certificate specific to this tender / authorized dealership certificate of the make / brand quoted For minor equipments only	
5.	Signed of copy of the Tender	

Price Schedule:

Sl.	Material Description	Qty	Brand	Unit Price	Total (inclusive of all)
1		02			
2		02			
3		02			

Place : .....  
 Date : .....2017

Signature of the authorized  
 representative of the firm with stamp