

Quotation No : 30/2017 – 18

Sealed competitive quotations are invited for the supply of the items shown below to Maharaja's College, Ernakulam, ^{Botany} Zoology department.

"Botanical Specimens"

The envelope containing quotation should bear the superscription "Quotation No.30/2017-18" Non Plan fund for the supply of Botanical specimens and should be addressed to the Principal, Maharaja's college, Ernakulam. Intending quotationers may submit the quotations on their own papers. Last date and time for the receipt of quotation is fixed at 2 pm on 23-01-2017. Late quotations will not be accepted. The quotations will be opened at 3 pm on the same day in the presence of the quotationers or their authorized representatives who may be present at that time. The rate quoted should be inclusive of all taxes and the items should be delivered at Maharaja's College, Ernakulam.

The undersigned reserves the right to accept or reject any of the quotations without assigning the reason thereof.

Sl. No.	Name of specimen/Item	Quantity required
1	<i>Gloeocapsa</i>	12
2	<i>Gloeotrichia</i>	12
3	<i>Spirulina</i>	12
4	<i>Microcystis</i>	12
5	<i>Oscillatoria</i>	12
6	<i>Lyngbya</i>	12
7	<i>Anabaena</i>	12
8	<i>Nostoc</i>	12
9	<i>Rivularia</i>	12
10	<i>Scytonema</i>	12
11	<i>Chlamydomonas</i>	12
12	<i>Gonium</i>	12
13	<i>Eudorina</i>	12
14	<i>Pandorina</i>	12
15	<i>Pediastrum</i>	12
16	<i>Volvox</i>	12
17	<i>Ecballocystis</i>	12
18	<i>Tetraspora</i>	12
19	<i>Ulothrix</i>	12
20	<i>Microspora</i>	12
21	<i>Ulva</i>	12
22	<i>Cladophora</i>	12
23	<i>Pithophora</i>	12
24	<i>Coleochaete</i>	12
25	<i>Chaetophora</i>	12
26	<i>Draparnaldia</i>	12
27	<i>Draparnaldiopsis</i>	12
28	<i>Trentepohlia</i>	12
29	<i>Fritschiella</i>	12
30	<i>Cephaleuros</i>	12
31	<i>Oedogonium</i>	12
32	<i>Bulbochaete</i>	12
33	<i>Zygnema</i>	12
34	<i>Mougeotia</i>	12
35	<i>Desmidium</i>	12
36	<i>Bryopsis</i>	12
37	<i>Acetabularia</i>	12
38	<i>Codium</i>	12
39	<i>Caulerpa</i>	12
40	<i>Halimeda</i>	12

41	<i>Neomeris</i>	12
42	<i>Chara</i>	12
43	<i>Nitella</i>	12
44	<i>Vaucheria</i>	12
45	<i>Pinnularia</i>	12
46	<i>Ectocarpus</i>	12
47	<i>Colpomenia</i>	12
48	<i>Hydroclathrus</i>	12
49	<i>Dictyota</i>	12
50	<i>Padina</i>	12
51	<i>Sargassum</i>	12
52	<i>Turbinaria</i>	12
53	<i>Batrachospermum</i>	12
54	<i>Gelidium</i>	12
55	<i>Amphiroa</i>	12
56	<i>Gracilaria</i>	12
57	<i>Polysiphonia</i>	12
58	<i>Stemonitis</i>	12
59	<i>Physarum</i>	12
60	<i>Saprolegnia</i>	12
61	<i>Phytophthora</i>	12
62	<i>Albugo</i>	12
63	<i>Mucor</i>	12
64	<i>Aspergillus</i>	12
65	<i>Penicillium</i>	12
66	<i>Pilobolous</i>	12
67	<i>Saccharomyces</i>	12
68	<i>Xylaria</i>	12
69	<i>Peziza</i>	12
70	<i>Phyllochora</i>	12
71	<i>Puccinia</i>	12
72	<i>Termitomyces</i>	12
73	<i>Pleurotus</i>	12
74	<i>Auricularia</i>	12
75	<i>Polyporus</i>	12
76	<i>Lycoperdon</i>	12
77	<i>Dictyophora</i>	12
78	<i>Gastrum</i>	12
79	<i>Cyathus</i>	12
80	<i>Fusarium</i>	12
81	<i>Alternaria</i>	12
82	<i>Cladosporium</i>	12
83	<i>Pestalotia</i>	12
84	<i>Graphis</i>	12
85	<i>Parmelia</i>	12
86	<i>Cladonia</i>	12
87	<i>Usnea</i>	12
88	blast disease bacterial blight	12
89	Chilly - leaf spot	12
90	Lady's finger - vein clearing disease	12
91	Banana - bacterial leaf blight	12
92	Mango - Anthracnose	12
93	Citrus - bacterial canker	12
94	Papaya - mosaic	12
95	Ginger - rhizome rot	12
96	Pepper - quick wilt	12
97	Coconut - grey leaf spot bud rot disease	12
98	<i>Hevea brasiliensis</i> - abnormal leaf fall	12
99	powdery mildew	12
100	Sugarcane - red rot root knot nematode	12
101	Tea - blister blight	12

102	Coffee - rust	12
103	Arecanut: nut fall disease	12
104	<i>Riccia</i>	12
105	<i>Targionia</i>	12
106	<i>Cyathodium</i>	12
107	<i>Lunularia</i>	12
108	<i>Dumortiera</i>	12
109	<i>Reboulia</i>	12
110	<i>Pallavicinia</i>	12
111	<i>Fossombronia</i>	12
112	<i>Porella</i>	12
113	<i>Anthoceros</i>	12
114	<i>Notothylas</i>	12
115	<i>Sphagnum</i>	12
116	<i>Pogonatum</i>	12
117	<i>Psilotum</i>	12
118	<i>Lycopodium</i>	12
119	<i>Isoetes</i>	12
120	<i>Selaginella</i>	12
121	<i>Equisetum</i>	12
122	<i>Angiopteris</i>	12
123	<i>Ophioglossum</i>	12
124	<i>Osmunda</i>	12
125	<i>Marsilea</i>	12
126	<i>Salvinia</i>	12
127	<i>Lygodium</i>	12
128	<i>Acrostichum</i>	12
129	<i>Gleichenia</i>	12
130	<i>Pteris</i>	12
131	<i>Cycas</i>	12
132	<i>Zamia</i>	12
133	<i>Pinus</i>	12
134	<i>Cupressus</i>	12
135	<i>Agathis</i>	12
136	<i>Araucaria</i>	12
137	<i>Gnetum</i>	12
138	<i>Amaranthus</i>	12
139	<i>Boerhaavia</i>	12
140	<i>Mirabilis</i>	12
141	<i>Nyctanthes</i>	12
142	<i>Piper</i>	12
143	<i>Strychnos</i>	12
144	Simple raceme	12
145	Compound raceme	12
146	Spike	12
147	Spikelet	12
148	Catkin	12
149	Spadix	12
150	Corymb	12
151	Simple	12
152	umbel	12
153	Compound umbel	12
154	Panicle	12
155	Capitulum	12
156	Cymose - Solitary cyme	12
157	Mono- Di-and polychasial cyme	12
158	Special types - Cyathium	12
159	Verticillaster	12
160	Hypanthodium	12
161	Coenanthium	12
162	Berry	12
163	Drupe	12
164	Hesperidium	12

165	Pepo	12
166	Balausta	12
167	Amphisarca	12
168	Achene	12
169	Follicle	12
170	Capsule	12
171	Legume	12
172	Lomentum	12
173	Nut	12
174	Caryopsis	12
175	Cypsela	12
176	Samara	12
177	Crelocarp	12
178	Siliqua	12
179	Carcerula	12
180	Regma	12
181	Aggregate fruits	12
182	Composite fruits - Sorosis	12
183	Syconus	12
184	Pome	12
185	coconut	1
186	onion	20
187	cauliflower	1
188	Rununculaceae	2
189	Magnoliaceae	2
190	Annonaceae	2
191	Cruciferae (Brassicaceae)	2
192	Polygalaceae	2
193	Caryophyllaceae	2
194	Guttiferae (Clusiaceae)	2
195	Malvaceae	2
196	Tiliaceae	2
197	Geraniaceae	2
198	Rutaceae	2
199	Rhamnaceae	2
200	Vitaceae	2
201	Sapindaceae	2
202	Fabaceae	2
203	Caesalpiniaceae	2
204	Mimosaceae	2
205	Rosaceae	2
206	Lythraceae	2
207	Melastomaceae	2
208	Cucurbitaceae	2
209	Apiaceae	2
210	Aizoaceae	2
211	Rubiaceae	2
212	Compositae (Asteraceae)	2
213	Campanulaceae	2
214	Myrsinaceae	2
215	Sapotaceae	2
216	Loganiaceae	2
217	Oleaceae	2
218	Apocynaceae	2
219	Asclepiadaceae	2
220	Boraginaceae	2
221	Convolvulaceae	2
222	Solanaceae	2
223	Scrophulariaceae	2
224	Acanthaceae	2
225	Verbenaceae	2
226	Lamiaceae	2
227	Polygonaceae	2

228	Aristolochiaceae	2
229	Lauraceae	2
230	Loranthaceae	2
231	Euphorbiaceae	2
232	Orchidaceae	2
233	Dioscoriaceae	2
234	Zingiberaceae	2
235	Araceae	2
236	Cyperaceae	2
237	Poaceae	2
238	Milk	500ml
239	Mycorrhiza	10
240	<i>Nostoc</i>	25
241	<i>Volvox</i>	25
242	<i>Cladophora</i>	25
243	<i>Vaucheria</i>	25
244	<i>Pinnularia</i>	25
245	<i>Sargassum</i>	25
246	<i>Polysiphonia</i>	25
247	<i>Rhizopus</i>	25
248	<i>Albugo</i>	25
249	<i>Saccharomyces</i>	25
250	<i>Pencillium</i>	25
251	<i>Xylaria</i>	25
252	<i>Peziza</i>	25
253	<i>Puccinia</i>	25
254	<i>Fusarium</i>	25
255	<i>Parmelia</i>	25
256	<i>Psilotum</i>	25
257	<i>Lycopodium</i>	25
258	<i>Selaginella</i>	25
259	<i>Equisetum</i>	25
260	<i>Pteris</i>	25
261	<i>Marsilea</i>	25
262	<i>Cycas</i>	25
263	<i>Pinus</i>	25
264	<i>Gnetum</i>	25
265	<i>starch grains</i>	25
266	<i>cystalith</i>	25
267	<i>raphides</i>	25
268	<i>aleurone grains</i>	25
269	Primary stem and root	25
270	Dicots and Monocots	25
271	leaf-Dicots and Monocots	25
272	Stomatal anomocytic	25
273	anisocytic	25
274	paracytic	25
275	diacytic	25
276	grass type	25
277	Secondary dicot stem and root	25
278	Bougainvillea stem	25
279	Bignonia stem	25
280	Dracaena stem	25
281	Tongue/wedge/splice grafting twigs	25
282	Bunchy top of Banana	25
283	Bacterial blight of Paddy	25
284	Root wilt of Coconut	25
285	Abnormal leaf fall of Rubber	25
286	Simple	25
287	Raceme	25
288	Corymb	25
289	Umbel	25
290	Spike	25

291	Spadix	25
292	Head	25
293	Simple Cyme	25
294	Monochasial	25
295	Scorpid	25
296	Helicoid	25
297	Dichasial	25
298	Polychasial	25
299	Panicle	25
300	Cyathium	25
301	Hypanthodium	25
302	Verticillaster	25
303	Thyrus	25
304	Simple-Fleshy	5
305	Dry- dehiscent	5
306	indehiscent	5
307	Aggregate	5
308	Multiple (Sorosis and Syconus)	5
309	schizocarp	5
310	Tobacco and Neem	100gm
311	Annonaceae	25
312	Nymphaeaceae	25
313	Malvaceae	25
314	Rutaceae	25
315	Anacardiaceae	25
316	Leguminosae	25
317	Myrtaceae	25
318	Cucurbitaceae	25
319	Apiaceae	25
320	Rubiaceae	25
321	Asteraceae	25
322	Sapotaceae	25
323	Apocynaceae	25
324	Asclepiadaceae	25
325	Convolvulaceae	25
326	Solanaceae	25
327	Scrophulariaceae	25
328	Acanthaceae	25
329	Lamiaceae	25
330	Amaranthaceae	25
331	Euphorbiaceae	25
332	Orchidaceae	25
333	Liliaceae	25
334	Arecaceae	25
335	Poaceae	25
336	Rice	100gm
337	Wheat	100gm
338	Ragi	100gm
339	Green gram	100gm
340	Bengal gram	100gm
341	Black gram	100gm
342	Sugarcane	1
343	Apple	1
344	Pineapple	1
345	Orange	1
346	Mango	1
347	Banana	1
348	Bitter gourd	1
349	Ladies finger	1
350	Carrot	1
351	Cabbage	1
352	Teak wood	1
353	Rose wood	1

354	Tea	100gm
355	Coffee	100gm
356	Coir	100gm
357	Jute	100gm
358	Cotton	100gm
359	Ground nut	100gm
360	Gingely	100gm
361	Para rubber	100gm
362	White dammar	100gm
363	Gum Arabic	100gm
364	Asafoetida	100gm
365	Cardamom	100gm
366	Pepper	100gm
367	Clove	100gm
368	Ginger	100gm
369	Tobacco	100gm
370	Neem	100gm
371	<i>Adhatoda</i>	100gm
372	Turmeric	100gm
373	<i>Catharanthus</i>	1
374	<i>Ocimum sanctum</i>	1
375	<i>Rauwolfia serpentina</i>	1
376	<i>Withania somnifera</i>	1
377	<i>Artocarpus</i>	1
378	<i>Corypha</i>	1
379	<i>Phoenix</i>	1
380	<i>Bambusa</i>	1
381	<i>Ochlandra</i>	1
382	<i>Calamus</i>	1
383	<i>Curcuma</i>	1
384	<i>Trichopus zeylanicus</i>	1
385	<i>Alpinia galanga</i>	1
386	Onion	1
387	Straw	1
388	Sawdust	1
389	<i>Vetiveria zizanioides</i>	1
390	<i>Cinnamomum zeylanica</i>	1
391	<i>Syzygium aromaticum</i>	1
392	<i>Eucalyptus</i>	1
393	<i>Ocimum basilicum</i>	1
394	<i>Rosa</i>	1
395	<i>Mentha piperita</i>	1
396	<i>Nostoc</i>	25
397	<i>Volvox</i>	25
398	<i>Oedogonium</i>	25
399	<i>Cladophora</i>	25
400	<i>Ectocarpus</i>	25
401	<i>Polysiphonia</i>	25
402	<i>Rhizopus</i>	25
403	<i>Peziza</i>	25
404	<i>Puccinia</i>	25
405	<i>Usnea</i>	25
406	<i>Riccia</i>	25
407	<i>Selaginella</i>	25
408	Simple Raceme	25
409	Corymb	25
410	Umbel	25
411	Spike	25
412	Spadix	25
413	Head	25
414	Simple Cyme	25
415	Monochasial	25
416	Scorpioid	25

417	Helicoid	25
418	Dichasial	25
419	Polychasial	25
420	Panicle	25
421	Cyathium	25
422	Hypanthodium	25
423	Thyrus	25
424	Verticillaster	25
425	Simple-Fleshy	5
426	Dry- dehiscent	5
427	indehiscent	5
428	Aggregate	5
429	Multiple (Sorosis and Syconus)	5
430	schizocarpic	5
431	Annonaceae	25
432	Malvaceae	25
433	Rutaceae	25
434	Leguminosae	25
435	Apiaceae	25
436	Rubiaceae	25
437	Asteraceae	25
438	Apocynaceae	25
439	Lamiaceae	25
440	Euphorbiaceae	25
441	Orchidaceae	25
442	Arecaceae	25
443	Poaceae	25
444	Paddy	100gm
445	Wheat	100gm
446	Ragi	100gm
447	Green gram	100gm
448	Bengal gram	100gm
449	Tapioca	100gm
450	Potato	100gm
451	Pepper	100gm
452	Cardamom	100gm
453	Clove	100gm
454	Tea	100gm
455	Coffee	100gm
456	Coconut	1
457	Groundnut	100gm
458	Sunflower	1
459	Cotton	100gm
460	Coir	100gm
461	Jute	100gm
462	Teak	1
463	Rose wood	1
464	Para rubber	1
465	Neem	100gm
466	Tobacco	100gm
467	Rose	5
468	Orchids	5
469	Anthurium	5
470	Jasmine	5
471	Adhatoda	5
472	Aloe	5
473	Brahmi (<i>Bacopa</i>)	5
474	<i>Catharanthus</i>	5
475	<i>Eclipta</i>	5
476	Neem	5
477	<i>Ocimum sanctum</i>	5
478	<i>Phyllanthus amarus</i>	5
479	<i>Rauwolfia</i>	5

480	<i>Sida rhombifolia</i>	5
481	Hydrophytes (<i>Nymphaea</i>)	5
482	Xerophytes (<i>Nerium</i>)	5
483	Epiphytes (<i>Vanda</i>)	5
484	Halophytes (<i>Avicennia/ Rhizophora</i>)	5
485	Cutting twig	25
486	Layering twig	25
487	Budding twig	25
488	Grafting twig	25


16/01/18

SPECIAL GRADE PRINCIPAL

To

1. Notice Board
2. The Individual Firms
3. Head of the Department of Zoology
4. Stock File , 5. Website of Maharajas college