

**UTTAR BANGA KRISHI VISWAVIDYALAYA,
PUNDIBARI: COOCH BEHAR.**

Inviting Quotation

Short Tender No. UBKV/ 04 /2008(ICAR) Date: 06.02.2009

In continuation of our earlier Tender Notice No.UBKV/02/2009 (ICAR) dated-7.1.2009 it is hereby informed to all concerned bonafied Suppliers/manufacturer/ authorized dealer and service providers to submit quotations in a sealed envelope for instruments / equipments and other materials including some additional items which are usually used in the Agriculture Universities within **18th February-2009**.

Those who have already submitted quotations in response to our previous Notification No.UBKV/02/2009 (ICAR) dated-7.1.2009 need not submit quotations further.

Terms & Conditions:

1. **Quotations to be addressed to the Registrar, UBKV, Pundibari, Cooch Behar.**
2. **Quotations must be submitted in a sealed cover with broad heading mentioning the name of Department and the items/ equipment with serial number separately on the top of the envelope.**
3. Rates should be quoted in order of serial numbers of articles mentioned in the list provided.
4. The supplier should mention the extent of discount, if any, over the listed prices for each company/Items.
5. Rate should be quoted with all applicable taxes, duties and incidental charges (including clearing agent cost if applicable) per item basis.
6. CST, other taxes and VAT to be charged as per norms should be specifically mentioned.
7. Guarantee period for each item and nature and period of after installation/Sales and service facilities should be mentioned clearly.
8. More than one specification for a single item may be mentioned with rate.
9. **Current Dealership /Manufacturing/SSI certificate** should be attached with quotations.
10. **The materials must be delivered at site by the Supplier at their own cost and responsibility.**
11. The University reserves the right not to accept the rate even from the lowest bidder / supplier.
12. The University reserves the right to accept or reject any or all tenders without giving any reason whatsoever.

Date: 07.01.2009

Registrar

List of instruments/ Equipments
for Faculty of Agriculture

Sl. No.	Name of the item	Specification	Department
1.	Sprinkler irrigation model	Any good make	Agronomy
2.	Drip irrigation set + Model	Any good make	Agronomy
3.	Tensiometer at different depth (15cm, 30cm, 45cm, 60cm, 90cm depth)	Any good make	Agronomy
4.	Soil Thermometer (15 cm, 30cm depth)	Any good make	Agronomy
5.	Core sampler	Any good make	Agronomy
6.	Pizometer	Any good make	Agronomy
7.	Gypsum block	Any good make	Agronomy
8.	Sediment trap	Any good make	Agronomy
9.	Psychometer	Any good make	Agronomy
10.	Insect storage box	Rescholar/RI-61-01	Entomology
11.	Insect storage box	Rescholar/RI-61-02	Entomology
12.	Insect display & storage showcase	Rescholar/RI-62-01	Entomology
13.	Insect display & storage showcase	Rescholar/RI-63-01	Entomology
14.	Insect showcase cabinet, Large	Rescholar/RI-65-01	Entomology
15.	Insect collecting net	Rescholar/RI-69-01	Entomology
16.	Field collecting bag	Rescholar/RI-77-01	Entomology
17.	Museum specimen showcase	Rescholar/RD-11301	Entomology
18.	Perforated Board	Rescholar/RD-11505	Entomology
19.	Trap for fruit flies	Rescholar/RI-72-06	Entomology
20.	Insect light trap, Barlese Type	Rescholar/RI-72-08	Entomology
21.	Insect light trap	Rescholar/RI-72-02	Entomology
22.	Aerial insect trap	Rescholar/RI-72-05	Entomology
23.	Hot air oven	15''×15''×18''	Soil science
24.	Nephalometer	standard	Soil science
25.	Horizontal shaker	To and Fro	Soil science
26.	Buoycus Hydrometer	standard	Soil science
27.	Sieving set	Brass made	Soil science
28.	Rotary vacuum evaporator with oil-free pump	Buchi type, any standard make	Biochemistry
29.	Photochemical reactor	Fabricated, double wall quartz glass filter having standard joint with water circulation system, flat bottom outer vessel, made of borosilicate glass, capacity 750 ml with standard joint opening at two sides (dia matching 5ml pipette)	Biochemistry
30.	HPK 125W high-pressure mercury lamp & C440 ballast	Imported or standard Indian make	Biochemistry
31.	Water bath	Stainless steel, 12 holes	Biochemistry

Sl. No.	Name of the item	Specification	Department
32.	Digital camera for microscope	MOTIC	GPB
33.	Dissolved Oxygen meter	Any make	GPB
34.	Clean water supply system	Safeguard	GPB
35.	Micro-microscope	Any make	GPB
36.	Salter Balance	Any make	GPB
37.	Lux meter	Any make	GPB
38.	Electrical dohorner	Any make	Animal Science
39.	Saw and clippers for dehorning	Any make	Animal Science
40.	Dandy Brush	Any make	Animal Science
41.	Tracher Canula	Any make	Animal Science
42.	Hoof cutter/Knife	Any make	Animal Science
43.	Need tag, Ear tray	Any make	Animal Science
44.	Mouth Gag (Small Animal)	Any make	Animal Science
45.	Mouth Gag (Large Animal)	Any make	Animal Science
46.	Dren ehing machine	Any make	Animal Science
47.	Hair clippers	Any make	Animal Science
48.	Vaginal speculum (Small size)	Any make	Animal Science
49.	Artificial vaginal set	Any make	Animal Science
50.	Artificial Insemination eatheter	Any make	Animal Science
51.	Branding iron set	Any make	Animal Science
52.	Disposable Syringe (2ml, 5ml, 10ml, 20ml)	Any make	Animal Science
53.	Scissors - 6" straight	Any make	Animal Science
54.	Artery forcep- 6" straight	Any make	Animal Science
55.	Tattooing set	Any make	Animal Science
56.	Casting rope	Any make	Animal Science
57.	Herbicides	Any make	Animal Science
58.	Trap for fruit flies	Rescholar/RI-72-06	Entomology
59.	Insect light trap, Barlese Type	Rescholar/RI-72-08	Entomology
60.	Insect light trap	Rescholar/RI-72-02	Entomology
61.	Aerial insect trap	Rescholar/RI-72-05	Entomology
62.	Leaf area meter (digital)	Any make	Agronomy
63.	Japanese paddy weeder	Any make	Agronomy
64.	Cono weeder	Any make	Agronomy
65.	Finger type rotary two rows paddy weeder	Any make	Agronomy
66.	Finger type rotary single row paddy weeder	Any make	Agronomy
67.	Finger type rotary three row paddy	Any make	Agronomy
68.	Star rotary paddy weeder	Any make	Agronomy
69.	Sweep paddy weeder	Any make	Agronomy
70.	Rotopuddler with no cutting edge	Any make	Agronomy
71.	Rotocylindrical weeder	Any make	Agronomy
72.	Crescent hoe weeder	Any make	Agronomy
73.	Rotary weeder peg type	Any make	Agronomy
74.	Boom sprayer	Any make	Agronomy
75.	Model of all mechanical weeder and sprayer	Any make	Agronomy

Sl. No.	Name of the item	Specification	Department
76.	Fermenter	Any make	Pathology
77.	Single distillation set	Glass distillation	Soil science
78.	Heating mantle for double distillation set	standard	Soil science
79.	Survey of India Toposheet	Survey of India	Soil science
80.	Iron Filter	10 lt capacity	Soil science
81.	Soil testing kit	standard	Soil science
82.	Du Nuoy's Tensiometer	standard	Soil science
83.	pH-meter	standard	Soil science
84.	Cuvett set for spectrophotometer	Glass made	Soil science
85.	Soil Thermometer	Standard	Soil science
86.	Electroporator with accessories such as cuveattes and one pc	Time constant: 5ms. For transformation of yeast, bacteria etc.	Biotech Lab
87.	Biophotometer with xnon flash lamp and accessories such as cuvatte, pipette etc.	For measuring protein, bacteria etc.	Biotech Lab
88.	Rescholar Motorised screen with cord remote (132 X 178 cm)	Standard	
89.	Wireless router and Wireless connector	Standard	
90.	Close up lens for Cannon Powershot S5 IS	Cannon	
91.	Weed photo album	Standard	
92.	Laser torch	standard	

List of items for F/Horticulture

Sl. No.	Item	Specification	Department
1.	Drier	Size : 24" × 24" × 36" Mechanical convection type with blower SS chamber SS tray (4 numbers) with digital controller.	Vegetable & spices Crops
2.	Clevanger apparatus	Complete set, Glass made, Joint type 24/40 for specific gravity less than one.	Do
3.	Spectrophotometer Cuvette	For Model No. 106, Quartz Made	Do
4.	Anodized notice board	Aluminum made and movable	Do
5.	Global Positioning System	Germin	FMAP
6.	Muffle Furnace 12"x6"x6" with digital indicator cum controller	Any make	Do
7.	Solar Cooker	Any make	Do
8.	Mixer cum grinder heavy duty	Bajaj	Do
9.	Soil thermometer (5 cm, 10 cm, 15 cm, 30 cm depth)	India made	Do
10.	Clevanger apparatus	Complete set with RBF 2 nos for sp gr <1 and 2 nos for Sp.gr. >1	Do
11.	Soil moisture meter	Digital with gypsum block	Do
12.	Upgradation of vacuum oven with Moisture trap	Any good make	Do
13.	Glass electrode for pH meter	Any good make	Do
14.	Centrifuge	REMI	PCP
15.	Balance	(i) CITIZEN 50kg capacity 5gm/10gm readability. (ii) CITIZEN 2.0 Kg Capacity 0.01g Readability	Do
16.	Muffle furnace	OVFU 6"x6"x12"	Do
17.	Coconut Climber	CPCRI/TNAU	Do
18.	Humidifier	Any good make	Do
19.	Aluminum Ladder	20'	Do
20.	Spatula	Local Made	Do
21.	Lux meter	TES - 1332	
22.	Centrifuge and accessories – a) angle head complete with polypropylene tubes 12 x 15 ml, b) angle head complete with polypropylene tubes 8 x 50 ml	REMI –R-24 R-244 R-247	Forestry
23.	pH meter	ELICO LI-614	Do
24.	Electronic digital balance	Capacity 5kg x 0.5gm with dual display, AC battery pan size 230 x 190 mm	Do
25.	Self indicating type top pan balance plastic body	Capacity 5kg, Capacity 2kg, Capacity 1kg	Do
26.	Steel caliper	Indian made	Do
27.	Steel caliper	50 x 75 cm	Do

List of items for F/Technology

Sl. No.	Item	Specification
1.	Mould Board plough	
2.	Disc Plough	
3.	Measurement of Surface Tension of liquid by Jager's Method	
4.	Ovn, Electrically operated Temperature up to 250° inside chamber made of stainless steel complete with Digital temperature controller-cum-Indicator and air circulating fan and four shelves size – 605 x 605 x 605 mm	
5.	Hydrometer analysis	
6.	(a) Glass Hydrometer	
7.	(b) High Dispersion cup & Baffle	
8.	Rapid moisture meter : (0-25%) for 6 gm sample on wet weight basis as per IS-2720 (II) complete with calcium carbide reagent bottle and good quality wooden carrying box	
9.	Proctor Compaction Test Apparatus, Mould = 100 mm dia x 127.3 mm height 1000 ml volume, complete with collar & Base Plate, made of gunmetal & rammer 2.6 Kg. x 310 mm Fcll	
10.	To find the frequency of AC supply using an electrical vibrator	
11.	To find the low resistance using carry Fostu bridge without calibrating the bridge wire -	
12.	To determine the value of specific charge (e/m) for electrons by helical method	
13.	To obtain hysteresis curve (B-H curve) on a C.R.O and to determine related magnetic quantities	
14.	To study the variation of thermo e.m.f. of a copper constant thermocomple with temperature	
15.	To find the wave length of light by prism	
16.	Equipments for micro-irrigation system -Sprinkler heads : single nozzle & twin nozzle -Raingun & pop-up sprinkler, Bubbler -Sprinkler Lateral : 2 lines each having two sprinklers with riser pipe -Pitot tube & pressure gauge to measure pressure at the nozzle -Pressure gauges & connectors to measure line pressure of laterals -Fertigation unit for drip/sprinkler -Drip mains & laterals for a 50m x 50m plot -Drip emitters (2 – 10 lit/hr) -Microtubes & spreyer -Required pumps and accessories to operate the system	
17.	Differential Amplifier (Transistorized) Model : AB41 Make : Scientech Technologies Pvt Ltd	
18.	OP-Amp Characteristics	

Sl. No.	Item	Specification
	Model : ST 2322 Make : Scientech Technologies Pvt Ltd	
19.	To study an OP-AMP IC 741 as active rectifier. Model : ST 2323 Make : Scientech Technologies Pvt Ltd	
20.	To study the step response of R-L series circuit & To study the step response of R-C series circuit. Model : NV7009 Make : NVIS Technologies Pvt Ltd	
21.	3½ Digit Handheld Digital Multimeter with TTL Logic, Square Waveform O / p & Frequency Measurement Model : Caddo51 Make : Scientech Technologies Pvt Ltd	
22.	To verify Kirchoff's current laws & Kirchoff's voltage law. Model : AB81 Make : Scientech Technologies Pvt Ltd	
23.	To study the response of constant K-filters Model : AB49 Make : Scientech Technologies Pvt Ltd	
24.	Digital contact Type Tachometer. Model : 2235	
25.	Digital Clamp On Tester. Model No: CM – 9930.	
26.	8085 Microprocessor Trainer Kit with in-built Power Supply(LED), Cpu operating at 6.144MHz, 8KB Power full monitor EPROM Model : M-85-01 Make : Scientech Technologies Pvt Ltd	
27.	Aqua guard (Industrial Model)	
28.	Measuring Tape (30 Mtrs.) (Fiber)	
29.	Complete Electrical Tool Set with combination plier (Taparia Make)	
30.	Measuring Steel Tape (3 mtrs.)	
31.	Surveying Metal chain (30 Mtrs.)	
32.	T- Square	
33.		

AMC

Sl No.	Name	Specification
1.	Desktop Computer	IBM/ Lenovo/ Compaq/ HP
2.	UPS	APC/ Epoch/Bitech
3.	Printer	HP/Canon(Laser/ Deskjet)
4.	Laptop	IBM/ Lenovo/ Compaq/ HP
5.	Aquaguard	Eurekaforbes Classic/Hiflow
6.	Photocopier	Canon
7.	A C Machine (split and Window) 1t, 1.5t, 2t.	LG/Voltas

List of Equipment instrument s requiring AMC for Central instrumentation Centre

Sl No.	Name	Make
1.	Water purification system	Milipore
2.	Automatic absorption Spectrophotometer	Perkin elmer
3.	CHNS analyzer	Elementer
4.	PCR	Biorad
5.	HPLC	Waters
6.	UV Vis Spectrophotometer	Perkin elmer
7.	Elisa Reader	Biorad
8.	Geldoc system	Biorad
9.	86°C Deep freeze	New Brunswick
10.	UPS 3 KVA , 5KVA	Epoch
11.	Nitrogen analyzer	Foss USA
12.	Ice flacking machine	Bluestar
13.	Texture analyzer	Stable microsystem UK
14.	Water activity meter	Decagon device Inc USA
15.	Lyophiliser	Thermo electron
16.	Ultra centrifuge	Thermo electron

Sl No.	Name	Make
17.	Automatic solvent Extraction system	Pelican Equipment
18.	Infrared Gas analyzer	CID Inc
19.	Table top Refrigerated Centrifuge	Sigma USA
20.	Shaker	New Brunswick
21.	Cooler meter	Hunter accessories lab USA

Department of Agronomy

Sl No.	Name	Specification
1.	Flamphotometer	
2.	Spectrophotometer	
3.	Digital balance	
4.	Nitrogen digestion cum distillation set	
5.	Kjeldhal Set	
6.	Oven	

Dept. of Agril. Entomology

Sl.No.	Item	Quantity
1	Spare bulbs for Olympus Streo Binocular Research Microscope, body No. 1212	4
2	For Olympus senior compound microscopes- 40x objectives, 100 x oil emmersion, 10x objectives	(10 nos.) (5 nos.) (3 nos.)
3	Camera Lucida Imported Prism type	1
4	Prism for Streo Binocular Microscope	4 sets
5	Plano-concave Mirror	15 pcs.
6	Simple dissecting microscope having horse shoe base metallic rack and pinion, glass plate, mirror and acromatic eye pieces ; 10x & 20x	1
7	Stereo-microscope cover, hard plastic make	7

Dept. of Biochemistry

Sl. No.	Instrument / Item
1	Perkin Elmer UV-VIS spectrophotometer model Lambda 25

Plant Pathology

Sl. No.	Particulars	Quantity
1.	Student Microscope	35 Nos.
2.	Lieca Microscope	1 no.
3.	Shaker Incubator	2 No.

Genetics & Plant Breeding

Sl. No.	Items	Requirements
1.	AMC for microscope	For Deptt GPB microscopes

AMC of Equipments of Biotechnology lab

Sl. No.	Items	Model	Quantity
1.	Centrifuge Eppendrop	Mini spine plus	1
2.	PCR machine Biorad	MJ mini	1
3.	Gel doc Biorad		1
4.	AC 1.5 T Voltas		2
5.	Split AC 2 Ton LG		2
6.	Water bath Mac		1
7.	Autoclave	Labline	1
8.	pH meter Eutech cyberscan	Merck	1
9.	Laminar air flow Mac		1
10.	5 KVA ups amicomp	Epoch	1
11.	Speed Vac DNA speed vac	Thermo savent	1
12.	-20°C freeze Voltas	Coldcel	1
13.	Microwave oven	LG	1
14.	Ordinary freeze	LG	2
15.	Ac Stabilizer	Sen and pandit	3
16.	Cold room	Labline	1
17.	Panticle bomburtment	Biorad	1

REPAIRING

Department of Agronomy

SI No.	Name	Specification	Quantity
1.	Godraj Refrigerator		3 pc
2.	Room Air-conditioner (1.5 ton)		1 pc
3.	Digital Balance		3 Nos.
4.	Glass Distillation Set (Double)		2 Nos.

Dept. of Agril. Entomology

Sl.No.	Item	Quantity
1.	Honda generator	1
2.	LCD,Projecter fitting in the Seminar Room and Laboratory	2
3.	Electrical renovation of Seminar Room and Laboratory	2
4.	BOD Incubator (IIC make)	1
5.	BOD Incubator (Yahama make)	1
6.	Cold room incubator	1
7.	Growth chamber (double unit)	1
8.	Hot air oven	1
9.	Freeze	2
10.	Cold centrifuge	1

Dept. of Soil Science & Ag. Chemistry

SI No.	Name	Specification	Quantity
1.	Refrigerator	Godrej	one
3.	Water bath		one
4.	Muffle furnace		two
5.	Flame photometer		one
6.	Hot plate		two
7.	Exhaust fan		two
10	Silica Heater (Borosil)	Code - 44336241/3362	three
11.	Shaker	To and fro	Two
12.	BOD incubator		one

Dept. of Plant Pathology

Sl. No.	Particulars	Quantity
1	Voltage Stabilizer	1
2	Sartorius Balance	1
3	Mettler Balance	1
4	Hot Air Oven	1
5	Double Distillation Set	1
6	Remi Centrifuge	1

Sl. No.	Particulars	Quantity
7	Battery for UPS	1
8.	CPU for seminar room	1

Agril. Statistic

Sl. No.	Description	Quantity
1.	Repairing of electrical line and installation of power line and inverter line	For the whole Department
2.	Repairing of HP 2600n colour LaserJet Printer	1 no.
5	Repairing of HP 1315 all in one Printer	1 no.

Genetics & Plant Breeding

	Items	Make/ specification	Requirements
2.	SMPS for Repairing of Existing Computer	Tricom	1 No
3.	Cleaning Distillation system with Condenser		1 System
4.	Repair of Generator for tissue culture Room		

Repairing and AMC (to be done centrally)

DEPARTMENT OF VEGETABLE AND SPICE CROPS

Sl no.	Instrument	Make/model/suppliers	Quantity
1	Seed germinator	Indian Instrument Manufacturing Co.	1 no
2	Flame photometer	SYSTRONICS	1 no
3	Handy cam	SONY	1 no
4	Colour printer	HP 1350	1 no
5	Computer	IBM Think Centre	4 Nos.
6	Computer	HP Pavilion	1 no
7	Laptop	IBM	1 no
8	Research Microscope	Olympus	2 nos

DEPARTMENT OF POMOLOGY AND POST-HARVEST TECHNOLOGY

Sl no.	Instrument	Make/model/suppliers	Quantity
1	Deep freeze	Remi	1 no
2	Water distillation system	Borosil	1 no
3	Vacuum oven	Simoco	1 no
4	Tray drier	Indian instruments	1 no
5	Hot air oven	Sonar	1 no
6	Hot air oven	Rajat Scientific	1 no
7	Spectrophotometer	Systronics	1 no
8	BOD shaker	Labline	1 no
9	BOD	Remi	1 no
10	Centrifuge	Remi R8C	1 no
11	Refrigerator	Godrej	1 no
12	Computer (Annexure-I)		2 nos

Annexure-I

Sl no.	Model	Location	Present position
1	IBM Think centre,	Prodyut K Paul' Chamber	Working
2	IBM Think centre,	PPHT Laboratory	Not working

DEPARTMENT OF FLORICULTURE, MEDICINAL AND AROMATIC PLANTS

A. Repairing

Sl. No.	Items
1	Structure for ornamentals
2	Polyhouse
3	Lawn Mower (manually operated)

B. AMC

Sl. No.	Items	Quantity	Location
1	Computer IBM, Lenovo Think Centre	2 no	Dr. S.Moitra's Chamber
			Dr. S.S.Gantait's Chamber
2	HP Pavilion	1.no	FMAP Laboratory

Dean Office, F/Hort.

A. Repairing

Sl. No.	Items	Quantity	Location	Condition
1	Computer	1 no	Store Keeper, F/Hort.	Not working

B. AMC

Sl. No.	Items	Quantity	Location
1	Computer		
a.	HP Pavalion	1 no	Dean's Office, F/Hort.
b.	LENOVO 3000 H Series	1 no	Dean's Chamber
2	Printer		
a.	Laser jet HP 1010	1 no	Dean's Office, F/Hort.
3	UPS		
	EPOCH 1000 VA	1 no	Dean's Office, F/Hort.
	EPOCH, 600 VA	1 no	Dean's Chamber

List of fertilizer

Sl no	Name of the item	Specification
1.	MOP	
2.	Urea	
3.	SSP	
4.	Borax	
5.	ZnSO ₄	
6.	Mocrotophos	
7.	Blitox	
8.	Master	
9.	Imidaclorpid	
10.	Carrate	
11.	Dithane-M-45	
12.	Furadan	
13.	DAP	
14.	SOP	
15.	Gypsum	
16.	Rock phosphate	
17.	Lime	
18.	Zinc sulphate	
19.	Bavistine	
20.	Diathane M45	
21.	Furidon	
22.	Hexaconazol	
23.	Rogor	
24.	NPK 10:26:26:	
25.	Monocrotophos	
26.	Chlorpyriphos	
27.	Blitox	
28.	Triazophos	
29.	Companion	
30.	SAAF	

List of Items under the scheme "Experiential Learning – Setting up of Facilities for Hands on Training on Commercial floriculture"

Sl no	Name of the item	Specification
1.	Chemicals	FLUKA
2.	12'' size netted hanging basket (New)	Aplantic make model no. AP-136
3.	Jet sprinkler	Aplantic make model no.AP-171
4.	Seedling hand sprinkler	Aplantic make model no.AP-172
5.	Seedling hand sprinkler with jet	Aplantic make model no.AP-173 C
6.	Seedling hand sprinkler (Fine holes)	Aplantic make model no.AP-174
7.	Long nozzle sprinkler	Aplantic make model no.AP-175
8.	Flat nozzle sprinkler	Aplantic make model no.AP-176
9.	Torch action sprinkler	Aplantic make model no.AP-177

Sl no	Name of the item	Specification
10.	Lever action sprinkler	Aplantic make model no.AP-178
11.	Lever action sprinkler	Aplantic make model no.AP-179
12.	Lever action sprinkler with ½” hose connector	Aplantic make model no.AP-180
13.	Lever action sprinkler with ¾” hose connector	Aplantic make model no.AP-181
14.	Lever action sprinkler 5 in 1	Aplantic make model no.AP-182
15.	Lever action sprinkler 7 in 1	Aplantic make model no.AP-183
16.	6 ltr. Capacity (Seedling water sprinkler can)	Aplantic make model no.AP-205
17.	7 ltr. Capacity (Seedling water sprinkler can)	Aplantic make model no.AP-206
18.	Seedling wand sprinkler (0.5” hose)	Aplantic make model no.AP-374
19.	Gardening wand sprinkler	Aplantic make model no.AP-372
20.	Combo seedling wand sprinkler (0.5”hose and jet)	Aplantic make model no.AP-374C
21.	Seedling wand sprinkler with 0.75”hose connector	Aplantic make model no.AP-375
22.	Four arm adj. nipples peg sprinkler	Aplantic make model no.AP-323
23.	Two arm straight peg sprinkler	Aplantic make model no.AP-332
24.	Revolving frame rotomax peg sprinkler (M)	Aplantic make model no.AP-343
25.	Revolving frame rotomax peg sprinkler (F)	Aplantic make model no.AP-344
26.	Four arm straight peg sprinkler	Aplantic make model no.AP-335
27.	Rotating sprinkler- two arm adj.	Aplantic make model no.AP-231
28.	Rotating sprinkler- three arm adj.	Aplantic make model no.AP-232
29.	Rotating sprinkler- four arm adj.	Aplantic make model no.AP-233
30.	Rotating sprinkler- four arm straight	Aplantic make model no.AP-245
31.	Rotating sprinkler- four arm adj. nozzles	Aplantic make model no. AP-241
32.	Stand	Iron made painted for holding the sprinkling units
33.	Shriram Shakti	NPK- 20:20:20 Water soluble grade, Shriram fertilizer
34.	Shriram Prabal	NPK- 13:0:45, Water soluble grade, Shriram fertilizer
35.	Shriram SOP	Potassium sulphate, water soluble grade, Shriram fertilizer
36.	Shriram BOSS	Boron water soluble grade, Shriram fertilizer
37.	Shriram MAP	NPK- 12:61:0, Water soluble grade, Shriram fertilizer
38.	Shriram Energy	Calcium nitrate water soluble grade, Shriram fertilizer
39.	Shriram Sathi	NPK- 0:52:34, Water soluble grade, Shriram fertilizer
40.	Shriram Poshak	NPK- 19:19:19, Water soluble grade Shriram fertilizer
41.	Saplings of Rose	Healthy, disease free, genuine

Sl no	Name of the item	Specification
		planting material, properly labeled, potential cultivars / export oriented cultivars
42.	Saplings of Gerbera	Healthy, disease free, genuine planting material, properly labeled, potential cultivars / export oriented cultivars
43.	Saplings of Anthurium	Healthy, disease free, genuine planting material, properly labeled, potential cultivars / export oriented cultivars
44.	Saplings of Dendrobium Sonia	Healthy, disease free, genuine planting material, properly labeled
45.	Saplings of Phalaenopsis	Healthy, disease free, genuine planting material, properly labeled
46.	Plastic packet for raising of sapling	
47.	Plastic pipe for irrigation	
48.	Sealing machine	For sealing of plastic packets and other small items

Tea Project

Sl no	Name of the item	Specification
1	UV-Vis Spectrophotometer	Microprocessor based double beam scanning UV-Vis Spectrophotometer with data processing system and other optional accessories.
2	N-analyzer	Flow injection analyzer for NH ₄ and NO ₃ with auto sampler, data processing system and other optional accessories.
3	Electronic balance (METLER)	Microprocessor based electronic balance having readability of .0001g (0.1mg)/0.001g (1.0mg)
4	Cold centrifuge	Refrigerated (010°C to +40°C) centrifuge with ref of more than 18,000 and roter for 10ml and 2.0ml.
5	Orbital shaking incubator	Temperature range 5°C to 60°C ±0.5°C Digital electronic temperature controller platform for holding 250ml and 100ml conical flasks with other optional accessories including servo controlled voltage stabilizer.

6	Shaker	Heavy duty rotary shaker for 250ml and 100ml conical flasks with optional accessories.
7	Research microscopes	Bright field research microscopes with photographic attachment, image processing system and optional accessories for bacteriological work.
8.	Computer Laptop (DELL)	With Windows XP Operating System, Antivirus Software (Total Security), MS Office