

15	Ground testers (sample No CA6415 )	5	A	
16	Permanently split capacitor single phase	1	A	
17	Capacitor start capacitor run single phase	1	A	
18	Universal motor	1	A	
19	Polyester tool belt	2	A	
20	Marker kit	6	A	
21	12V Solar panel with batteries	6	A	
22	Angle Grinder (Sample Brand: Makita 100m	4	A	
23	Battery chargers	2	A	
24	Megger BM100/4 analog insulation testers	6	A	
25	Earth testing accessory kit	6	B	
26	Folding hearing protector	6	B	hearing protector
27	Goggles (sample: 9 ultra vision 9301)	15	B	eye protection
28	Electrician chisel	15	B	
29	Alloy steel cold chisel set	4	B	
30	Compact bolt cutter	6	B	
31	Screwdriver Sets-Stanley	15	B	
32	Soldering Stations-Weller	10	B	
33	Spring Type Bender Set-Rigid	15	B	
34	Pinch Off Tool-Vise-Grip	8	B	
35	Heavy Duty Hand Snips	8	B	
36	Soldering Irons-Cooper Head	12	B	
37	Conduit cutter	12	B	
38	1/4"3/8"Drive Socket Set-38Piece Sid	6	B	
39	Ring Spanner Set-Metric and Imperial	4	B	
40	Open-end Spanner Set-Metric and Imperial	4	B	
41	Wire stripper(Automatic)	15	B	
42	Tool pouches with belt	6	B	
43	Combination Sets-Engineers-Starrett	6	B	
44	Nylon Hammer-44mm diameter	12	B	
45	Metric & English Tape Measures-Power lock	12	B	
46	Double Pointed Scriber	6	B	
47	Squares-Combination Try & Miter	6	B	
48	Engineer Square	6	B	
49	Transformer(different types)	4	B	
50	Electrical teaching aids(motor.lights.Magneti	5	B	
51	Electronic Brock System	15	B	Class room
52	Insulation tester	12	C	
53	Dividers Spring Q/A Nut Toledo536"	6	C	
54	Heavy duty sack barrow	2	C	
55	Combination Twin/triple pullers	2	C	
56	Ratchet Lever hoist	1	C	
57	Wire stripper(manual)	15	C	
58	Spot lighth(1kw or more)	4	C	

#### 4. Refrigeration & Air conditioning

No.	Items	Q'ty	Priority	Remarks
1	High vacuum pump, (150liter/min,2stage)	5	A	
2	Gauge manifold	15	A	
3	Multi system TV monitor with video	2	A	class room
4	Complete set of computer (with UPS)	1	A	(Department Head)
5	AC controls domestic air conditioning	1	A	Training unit,
6	AC controls commercial air conditioning	1	A	Training unit,
7	Water cool condensing unit with force air Evaporator and demonstration board with	1	A	Demonstration
8	Air cool condensing unit with force air Evaporator and demonstration board with	1	A	Ditto
9	Kit cool room 2400×3000×2200H with condensing unit & evaporators with	1	A	Ditto
10	Kit freeze room 2400×3000×2200H with condensing unit & evaporators with	1	A	Ditto
11	Air condensing unit (Car air conditioner unit)	1	A	training unit
12	Electronic thermo-psychomotor	2	A	
13	Overhead projector	1	A	Class room
14	Overhead projector screen	1	A	Ditto
15	Electronic charging scale	3	B	
16	Charging station,automotive(with couplers,R	3	B	
17	Recovery station (only,1/2HP)	3	B	
18	Recovery & Recycling station	3	B	
19	Sling psychrometer	6	B	
20	Insulation tester	20	B	
21	Analog multimeter,AC/DC with clamp amme	15	B	
22	Digital multimeter,AC/DC with clamp amme	15	B	
23	Temperature recorder	6	B	
24	Refrigeration oil pump	6	B	
25	Mini tube cutter, (1/8"to 5/8" OD)	20	B	
26	Big tube cutter, (1/4" to 1 5/8")	20	B	
27	1/2"lever type tube bender	6	B	
28	5/8"lever type tube bender	6	B	
29	3/4"lever type tube bender	6	B	
30	3"lever type tube bender	6	B	
31	Swaging & flaring kit	6	B	
32	Reversible ratchet spanner	10	B	
33	Mobile complete tool cabinet	10	B	
34	Screw driver set	15	B	
35	Bearing puller (Twin/triple leg)	5	B	
36	3 meters measuring tape	15	B	
37	Portable electric drill,(Max:10mm)	5	B	
38	Hammer drill, (Max13mm)	5	B	
39	Angle grinder	5	B	
40	Bench drilling machine,(13mm)	2	B	
41	Bench grinder, (200mm)	2	B	
42	Linesman pliers	20	B	
43	Long nose pliers	20	B	

44	Side cutter	20	B	
45	White board	4	B	2 for class room. 2 for work shop
46	Refrigerant identifier	2	B	
47	Digital thermometer	20	C	
48	Charging cylinder	6	C	
49	Electronic Leak detector	12	C	
50	Ultraviolet leak detector kit	6	C	
51	Electronic vacuum gauge	6	C	
52	Electronic digital anemometer	6	C	
53	Hand tachometer	5	C	
54	Inspection mirror	15	C	
55	Metric socket w/wrench. (24 pcs,3/8"drive)	10	C	
56	Imperial socket wrench. (15pcs,3/8"drive)	10	C	
57	Straight blade tin snips	10	C	
58	Wire stripper	20	C	
59	Circlip pliers	20	C	

### 5. Fitting & Machining

No.	Items	Q'ty	Priority	Remarks
1	Lathe with accessories, (13in,swing 500mm)	10	A	existing machine are
2	Vertical milling machine	2	A	Ditto
3	Horizontal milling machine	2	A	Ditto
4	Pedestal grinder	1	A	Ditto
5	Dividing or indexing head for milling	1	A	
6	Pipe bender, hydraulic	1	A	existing machine are overage
7	Assort size puller	1	A	for machine maintenance
8	BSW tap & dies	5	A	for training
9	UNF tap & dies	5	A	Ditto
10	UNC tap & dies	5	A	Ditto
11	BSF tap & dies	5	A	Ditto
12	ISO coarse & dies	5	A	Ditto
13	ISO fine & dies	5	A	Ditto
14	BSP tap & dies	5	A	Ditto
15	Drill bit, metric (3mm to 13mm)	5	A	Ditto
16	Drill bit, imperial (1/64 to 1/2in)	5	A	Ditto
17	Portable air compressor	1	B	for machine maintenance
18	HSS square cutting tool (HSS:High Speed)	50	B	for lathe machine
19	CNC milling or lathe machine(model)	1	C	class room

### 6. Welding & Metal Fabrication

No.	Items	Q'ty	Priority	Remarks
1	Radial arm drill (Bit Dia.: Max:20mm)	1	A	Work shop
2	Guillotine (Max thickness:6mm)	1	A	Ditto
3	Cropper cutter (multi cutter)	1	A	Ditto
4	Profile cutting machine	1	A	Ditto
5	Power hacksaw	1	A	Ditto
6	Spot welder	1	A	Ditto
7	Pedestal grinder (Stone Dia.: over20cm)	1	A	Ditto

8	Pyramid rolls (Max thickness:8mm)	1	A	Ditto
9	Hydraulic Pipe bender ( MaxDia.: 50mm)	1	A	Ditto
10	Plasma Cutter	1	A	Ditto
11	Press Bender machine	1	A	Ditto
12	MIG welder	5	B	Ditto
13	TIG welder	3	B	Ditto
14	Ac, DC arc welder	2	B	Ditto
15	Ac arc welder	15	B	Ditto

### 7. Plumbing & Sheet metal

No.	Items	Q'ty	Priority	Remarks
1	Galvanized iron pipe bender, hydraulic	1	A	Workshop
2	Guillotine (large)	1	A	Ditto
3	Electric spot welder	2	A	Ditto
4	Electric press cutting machine	1	A	Ditto
5	Arc welder	2	A	Ditto
6	Overhead projector	1	A	Class room
7	Plastic (PVC) welder	3	A	Workshop
8	Bench chain pipe vice	12	B	Ditto
9	Pan brake, long	1	B	Ditto
10	Lock forming machine	1	B	Ditto
11	Mobile whiteboard	1	B	Ditto
12	Sheet metal roller, small & large	3	B	Ditto
13	Cronies break (2.4m)	1	B	Ditto
14	Mechanical bench vice	6	B	Ditto
15	Crox copper tool (3x15m,3x20m)	6	B	Ditto
16	power hacksaw	1	B	Ditto
17	Grinding machine	1	C	Ditto
18	Electric bench drill	1	C	Ditto
19	Computer with printer	1	C	Lecturer's room
20	Video	1	C	Class room
21	Set of Taps (,15mm to 25mm)	4	C	Workshop
22	Under pressure tapping machine	1	C	Ditto
23	Heavy-duty rivet gun (Max rivet Dia.6mm)	4	C	Ditto

### 8. Radio & Electronics

No.	Items	Q'ty	Priority	Remarks
1	Desktop computer with UPS	1	A	Lecturer's room
2	Digital scanner	1	A	Lecturer's room
3	Laser printer	2	A	Lecturer's room
4	Overhead projector screen, portable	2	A	class room
5	Electronic Brock System	15	A	class room
6	Overhead projector	2	A	class room
7	Portable laptop projector (interface PC)	1	A	class room
8	Computer with UPS	20	A	Computer Lab
9	Computer Table & Chair	20	A	Ditto

### 9. Tropical Horticulture

No.	Items	Q'ty	Priority	Remarks
1	Knapsack sprayer (reference brand: solo)	3	A	Store
2	Fully equipped green house (Size:15mx12m)	1	A	
3	Video & TV set	1	A	Class room
4	Tractor & trailer ( S.P's yard maintenance use)	1	A	Store
5	Mist blower, spraying machine (ref. brand:	2	A	Ditto
6	Double-sliding ladder (Hight:6m)	2	A	Ditto
7	Weed mat	5	B	Green house
8	Shade cloth for green house (Sizs:12mx10m)	5	B	Green house
9	Full set of desktop computer with UPS and printer	1	B	Lecturer's room
10	Shredder & Melcher machine	1	B	store
11	Plastic table	10	B	Green house
12	Tool box-handy maintenance	1	B	Store
13	Plant bags (various sizes)	15	B	
14	Pot contained (various sizes)	20	B	
15	Weed eater (Brash grass cutter)	5	C	Store
16	Pruning ropes for tree pruning	4	C	
17	Digital camera	1	C	
18	Hoses with sprinklers	5	C	
19	Water tank for irrigation,500galons	2	C	
20	Grafting knives	1	C	
21	Box of scissors	1	C	
22	Micro Scope	5	C	

### SCHOOL OF MARITIME

No.	Items	Q'ty	Priority	Remarks
1	Emergency Fire Pump: with Diesell Engine Prime Mover. At least eight(8) bar the discharge Pressure, and should have at least 1,000gallons/hr pump capacity	1	A	Fire Fighting Equipment
2	Set of Heat Protection Suits	4	A	Ditto
3	Self Contained Compressed Air Breathing Apparatus (BA) (300bar)	4	A	Ditto
4	Boiler Suits for Fire Fighters	24	A	Ditto
5	High Pressure Compressor to refill (BA Cvlinders)	1	A	Ditto
6	Fast Rescue Boat (sixteen(16) persons)	1	A	Sea Survival Equipment
7	Enclosed Life Boat with gravity davit: fully-equipped	1	A	Ditto
8	Float suits	2	A	Ditto
9	Set of inflatable Lift Raft with sixteen(16) persons capacity.	2	A	Ditto
10	Boiler (Model)	1	A	Marine Engineering Department
11	Turbines (Model)	1	A	Ditto

12	4 Stroke Marine Diesel Engine (Model)	2	A	Ditto
13	2 Stroke Marine Diesel Engine (Model)	2	A	Ditto
14	De-rusting needle gun (Air tool :Jet chisel)	1	A	Nautical Department Equipment
15	Air Compressor with regulator, hose fittings	1	A	Ditto
16	Training Fishing Boat (Alia) (fully-equipped) BRIDGE: Fish Finder, Echo Sounder, Radar, G.P.S., Magnetic compass, V.H.F Radio, SSB Radio, Auto Pilot, Chart Room. ENGINE: Inboard (approximately 250Kw ) FISHING: Wheel for long lining ( hook:#5, line:900) Fishing net: (gill net:3"mesh).	1	A	Fisheries Department
17	Form Branch Pipe (nozzle)	1	B	Fire Fighting Equipment
18	Air Compressor (Medium pressure & size for workshop)	1	B	Marine Engineering Department Equipment
19	Marine Shafting and Gearing (Model)	1	B	Ditto
20	Centrifugal Pump	1	B	Ditto
21	Displacement Pump	1	B	Ditto
22	AC Pump (Model)	1	B	Ditto
23	DC Pump (Model)	1	B	Ditto
24	Plate Heat Exchanger (Model)	1	B	Ditto
25	Tube Heat Exchanger (Model)	1	B	Ditto
26	Fail testing, Lube oil testing and Fresh water testing Equipment for Laboratory	1	B	Ditto
27	Work Benches (size approx.:1mx1.5mx1m)	6	B	Ditto
28	Bench Vices	7	B	Ditto
29	Set of fishing Nets	12	B	Fisheries Department
30	Long line fishing set	1	B	Ditto
31	Laboratory for Fish Handling	1	B	Ditto

## SCHOOLS OF COMMERCE & GENERAL STUDIES

### 1. Common Facilities for all Departments

No.	Items	Q'ty	Priority	Remarks
1	Computer with UPS	17	A	(Lecturer's Room)
2	Printer with Stand	1	A	Ditto
3	Scanner	1	A	Ditto
4	Work Station & Chair	17	A	Ditto
5	Filing Cabinet	17	A	Ditto
6	Laptop Computer	4	B	(Common Equip Room)
7	Projector	2	B	Ditto
8	Portable Screen	2	A	Ditto
9	OHP	4	A	Ditto
10	Bookkeeping Table & Chair	1	A	Ditto
11	Cassette Tape Recorder	2	A	
11	Photocopier	1	A	(Material Making)
12	Paper Shredder	1	A	Ditto
13	Guillotine	1	A	Ditto