

|    |  |    |   |                                   |
|----|--|----|---|-----------------------------------|
| 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 wrench. (24 pcs, 3/8" drive)   | 10 | C |                                   |
| 56 | Imperial socket wrench. (15 pcs, 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.: over 20cm) | 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 Cylinders)  | 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)<br>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               |

|    |                     |   |   |       |
|----|---------------------|---|---|-------|
| 14 | Spiral Paper Binder | 1 | A | Ditto |
| 15 | Fax Machine         | 1 | A | Ditto |
| 16 | Reception Desk      | 1 | A | Ditto |
| 17 | Steel Shelves       | 2 | A | Ditto |

## 2. Secretarial Studies Department

| No. | Items                                 | Q'ty | Priority | Remarks            |
|-----|---------------------------------------|------|----------|--------------------|
| 1   | Computer with UPS                     | 1    | A        | (Department Head)  |
| 2   | Printer with Stand                    | 1    | A        | Ditto              |
| 3   | Filling Cabinet for Text Books        | 2    | A        | Ditto              |
| 4   | Filling Cabinet for A4 vertical files | 1    | A        | Ditto              |
| 5   | Working station with chair            | 1    | A        | Ditto              |
| 6   | Electronic Typewriter with UPS        | 25   | A        | (Typewriting Lab.) |
| 7   | Typing Desk and Chair                 | 25   | A        | Ditto              |
| 8   | Large White Board                     | 3    | A        | (Lab. 1 & Class 2) |
| 9   | Student Desk & Chair (30 x 2)         | 60   | A        | (Class Rooms)      |
| 10  | TV with Video Deck (Multi system)     | 1    | B        | Ditto              |

## 3. Business & Tourism Department

| No. | Items                                 | Q'ty | Priority | Remarks           |
|-----|---------------------------------------|------|----------|-------------------|
| 1   | Computer with UPS                     | 1    | A        | (Department Head) |
| 2   | Printer with Stand                    | 1    | A        | Ditto             |
| 3   | Filling Cabinet for Text Books        | 2    | A        | Ditto             |
| 4   | Filling Cabinet for A4 vertical files | 1    | A        | Ditto             |
| 5   | Working station with chair            | 1    | A        | Ditto             |
| 6   | Large White Board                     | 2    | A        | (Class Rooms)     |
| 7   | Student Desk & Chair (30 x 2)         | 60   | A        | Ditto             |
| 8   | TV with Video Deck (Multi system)     | 1    | B        | 1 Class Room      |

## 4. Computer Studies Department

| No. | Items                                 | Q'ty | Priority | Remarks           |
|-----|---------------------------------------|------|----------|-------------------|
| 1   | Computer with UPS (20 x 2)            | 40   | A        | Computer Lab      |
| 2   | Printer with Stand                    | 2    | A        | Ditto             |
| 3   | Computer Table & Chair                | 40   | A        | Ditto             |
| 4   | TV with Video (Multi Type)            | 1    | A        | Ditto             |
| 5   | Large White Board                     | 2    | A        | Ditto             |
| 6   | Computer with UPS                     | 1    | A        | (Department Head) |
| 7   | Printer with Stand                    | 1    | A        | Ditto             |
| 8   | Filling Cabinet for Text Books        | 2    | A        | Ditto             |
| 9   | Filling Cabinet for A4 vertical files | 1    | A        | Ditto             |
| 10  | Working station with chair            | 1    | A        | Ditto             |
| 11  | Computer Software                     | 1    | A        |                   |
|     | SAGE & MYOB, Type master CD,          |      |          |                   |
|     | Windows IN-design, Reservation        |      |          |                   |
|     | Soft (Fidelio), Server Software,      |      |          |                   |
|     | Edit Scanned Text & Images            |      |          |                   |

### 5. Communication Studies Department

| No. | Items   | Q'ty | Priority | Remarks                   |
|-----|---|------|----------|---------------------------|
| 1   | Computer with UPS   | 1    | A        | (Department Head)         |
| 2   | Printer with Stand  | 1    | A        | Ditto                     |
| 3   | Filling Cabinet for Text Books                              | 2    | A        | Ditto                     |
| 4   | Filling Cabinet for A4 vertical files                       | 1    | A        | Ditto                     |
| 5   | Working station with chair                                  | 1    | A        | Ditto                     |
| 6   | L.L. Cassette Recorder & Player<br>with Headphone & Speaker | 20   | A        | (Language Lab.)           |
| 7   | L.L. Booth Table & Chair                                    | 20   | A        | Ditto                     |
| 8   | Student Desk & Chair  | 10   | A        | Ditto                     |
| 9   | L.L. Control for Tutor with Teaching<br>Tapes               | 1    | A        | Ditto                     |
| 10  | Tutor's Station & Chair                                     | 1    | A        | Ditto                     |
| 11  | Student Desk & Chair  | 90   | A        | (Class Room)              |
| 12  | Large White Board   | 3    | A        | Ditto                     |
| 13  | PA system for 150 seated lecture Rm                         | 1    | A        | (150 Seated Lecture Room) |

### 6. Journalism Department

| No. | Items                                 | Q'ty | Priority | Remarks           |
|-----|---------------------------------------|------|----------|-------------------|
| 1   | Computer with UPS                     | 1    | A        | (Department Head) |
| 2   | Printer with Stand                    | 1    | A        | Ditto             |
| 3   | Filling Cabinet for Text Books        | 2    | A        | Ditto             |
| 4   | Filling Cabinet for A4 vertical files | 1    | A        | Ditto             |
| 5   | Working station with chair            | 1    | A        | Ditto             |
| 6   | Digital Video Camera                  | 2    | A        | (Class Room)      |
| 7   | Digital Steel Camera                  | 2    | A        | Ditto             |
| 8   | Digital Recorder for Interview        | 5    | A        | Ditto             |
| 9   | Student Desk & Chair (30 x 2)         | 60   | A        | Ditto             |
| 10  | Large White Board                     | 2    | A        | Ditto             |

### 7. Mathematic Department

| No. | Items                                 | Q'ty | Priority | Remarks           |
|-----|---------------------------------------|------|----------|-------------------|
| 1   | Computer with UPS                     | 1    | A        | (Department Head) |
| 2   | Printer with Stand                    | 1    | A        | Ditto             |
| 3   | Filling Cabinet for Text Books        | 2    | A        | Ditto             |
| 4   | Filling Cabinet for A4 vertical files | 1    | A        | Ditto             |
| 5   | Working station with chair            | 1    | A        | Ditto             |
| 6   | Drawing Board Set with Drafter        | 25   | A        | (Drawing Room)    |
| 7   | Drawing Board Set with T & Angles     | 25   | A        | Ditto             |
| 8   | Stool                                 | 50   | A        | Ditto             |
| 9   | Large White Board                     | 2    | A        | Ditto             |
| 10  | Compass set                           | 25   | A        | Ditto             |

### 8. Tourism and Hospitality

| No. | Items  | Q'ty | Priority | Remarks            |
|-----|--|------|----------|--------------------|
| 1   | Computer with UPS                                      | 1    | A        | (Department Head)  |
| 2   | Printer with Stand                                     | 1    | A        | Ditto              |
| 3   | Filing Cabinet for Text Books                          | 2    | A        | Ditto              |
| 4   | Filing Cabinet for A4 vertical files                   | 1    | A        | Ditto              |
| 5   | Working station with chair                             | 1    | A        | Ditto              |
| 6   | Walk in Fridge for Meat & Drinks<br>(2.4 x 3.0 x 2.2H) | 1    | A        | (Kitchen)          |
| 7   | Gas Oven   | 4    | A        | Ditto              |
| 8   | Double Bed   | 1    | A        | (Training)         |
| 9   | Commercial Washing Machine                             | 1    | A        | (Laundry Training) |
| 10  | Commercial Dryer                                       | 1    | A        | Ditto              |
| 11  | Student Desk & Chair                                   | 120  | A        | (Class Room)       |
| 12  | Large White Board                                      | 4    | A        | Ditto              |

## SCHOOL OF TECHNOLOGY (New Courses)

### 1. Fabric Design & Sewing

| No. | Items   | Q'ty | Priority | Remarks |
|-----|---|------|----------|---------|
| 1   | Electronic sewing machine (industry type)     | 15   | A        |         |
| 2   | Screw driver set                              | 5    | A        |         |
| 3   | Allen key set (metric and imperial)           | 5    | A        |         |
| 4   | Bearing puller (small size three legs and two | 2    | A        |         |
| 5   | Portable drill                                | 1    | A        |         |
| 6   | Mallets set (rubber, rawhide face)            | 1    | A        |         |
| 7   | Ball peen hammers                             | 5    | A        |         |
| 8   | Pin punch set                                 | 2    | A        |         |
| 9   | File cabinet                                  | 2    | A        |         |
| 10  | Tool cabinet small size                       | 2    | A        |         |
| 11  | Needle files set                              | 5    | A        |         |

### 2. CAD(Computer Aided Design)

| No. | Items                  | Q'ty | Priority | Remarks |
|-----|------------------------|------|----------|---------|
| 1   | CAD computers with UPS | 10   | A        |         |
| 2   | Laptop                 | 1    | A        |         |
| 3   | projector              | 1    | A        |         |
| 4   | Screen                 | 1    | A        |         |

### 3. Mechanical Engineering

| No. | Items           | Q'ty | Priority | Remarks |
|-----|-----------------|------|----------|---------|
| 1   | Laptop computer | 1    | A        |         |
| 2   | Projector       | 1    | A        |         |
| 3   | Screen          | 1    | A        |         |