

## List of Furniture & Equipment

### Subject : Design Fundamentals

Note : Items same as or similar to those in the F/E List of Art & Design (1997) are marked with \*

#### I. Equipment

Item No.	Description	Quantity	Remarks
E-1	<b>Digital camera</b> , 2 mega pixels (or better)	1	
E-2	<b>Overhead Projector</b> , with 300W approx. lamp output and 2000 lumens or better, 250-300mm square platen, knob-control vertical sliding focusing system and one spare lamp.	1	*
E-3	<b>Multi-media LCD projector</b> , portable, support multi-system video/SVGA /XGA, 750 ANSI lumens and F2.5-3.1/f48-72 (or better), input channels include Video, Audio and Computer, 220V 50Hz single phase A.C., Automatic thermal switch and safety interlock switch, comply with latest local regulations.	1	
E-4	<b>Strip heater</b> , for heating acrylic sheets, 500mm length, 220 V 50 Hz.	1	

#### II. Computer Hardware

Item No.	Description	Quantity	Remarks
C-1	<p><b>Computer workstation</b>, <i>minimum requirements</i> (1-year on-site warranty):</p> <p>System Unit:</p> <ul style="list-style-type: none"> <li>● Processor: Pentium II CPU</li> <li>● I/O Ports: 2 serial, 1 parallel port &amp; 2 USB port</li> <li>● Expansion slots: 1 ISA , 3 PCI &amp; 1 AGP bus</li> <li>● Main memory: 128 MB RAM</li> <li>● Hard disk: 6.4 GB</li> <li>● Floppy drive: 1.44MB 3.5"</li> <li>● CD-ROM drive: 32 x speed internal</li> <li>● Audio card with stereo speakers</li> <li>● Graphics adapter: 3D graphics accelerator with min. 8 MB video RAM; supporting Chinese or English Windows 95/98/NT in true colour mode</li> <li>● Windows 95 keyboard &amp; PS/2 mouse</li> <li>● 15" (or better) colour monitor, resolution at least 1024x768</li> <li>● Desktop or tower case</li> </ul>	5	*

Item No.	Description	Quantity	Remarks
	Operating System Software: <ul style="list-style-type: none"> <li>• Bundle with Chinese or English Windows 98/NT, or equivalent</li> </ul> Operation & Certification: <ul style="list-style-type: none"> <li>• Power requirements: 220-240V AC, 50Hz</li> <li>• Certifications: UL listed; CSA certified; FCC Class B certified; CDRH certified, Class 1 Laser Product (safe for office/EDP use), Energy Star Compliant, with Year 2000 compliant</li> </ul>		
C-2	A4 Size laser Printer	1	*
C-3	A3 Size InkJet Colour Printer	1	*
C-4	Chinese handwritten input device	5	
C-5	A4 Size Scanner	1	*
C-6	Printer switch box	1	

### III. Computer Software

Item No.	Description	Quantity	Remarks
S-1	<b>Office/presentation Software</b> , MS Office, Chinese or English (Education Version)	5	*
S-2	<b>Graphic Design Software</b>		
	<ul style="list-style-type: none"> <li>• AutoSketch or equivalent (Education Version)</li> </ul>	5	
	<ul style="list-style-type: none"> <li>• Corel Draw (Chinese/English) (Education Version) or equivalent.</li> </ul>	5	
	<ul style="list-style-type: none"> <li>• Photo Deluxe (Chinese/English) (Education Version) or equivalent.</li> </ul>	5	
	<ul style="list-style-type: none"> <li>• 3D StudioMAX (Chinese/English) (Education Version) or equivalent.</li> </ul>	2	

### Machinery

Item No.	Description	Quantity	Remarks
M-1	<b>Drilling machine</b> , bench model, 13mm drilling capacity, 190mm throat, 230 x 300 (approx.) table working surface, fitted with safety guards.	1	
M-2	<b>Jigsaw</b> , bench model, size of table 200 x 225 (approx.),	2	

Item No.	Description	Quantity	Remarks
M-3	720 strokes per min, fitted with safety guard. <b>Power hand drill</b> , with accessories, single phase, 50 Hz, 220 V, 2 speed -- 1150 r.p.m. and 2300 r.p.m., double insulation, heavy duty motor with ball bearings complete with drill chuck and chuck key, capacity 10mm, rubber pad assembly disc paper set, wool bonnet, all electrical components and cabling shall conform to the latest B.S.S. or shall be of fully equivalent quality and capacity, earthing through 3 core supply cable fitted with 3 pin B.S.S. appropriately fused plug.	1	

#### IV. Hand Tools

Item No.	Description	Quantity	Remarks
H-1	Claw hammer, 450g head.	4	*
H-2	Cutter, roller (paper board), 300 mm.	1	*
H-3	Cutting mat, plastic, 300mm x 450mm x 3mm thick.	42	*
H-4	Drawing board, 8mm thick plywood, size A2.	40	*
H-5	File set, needle, second-cut, 12 assorted shapes.	4 sets	*
H-6	File, hand, 2nd cut, with handle, 200mm.	4	
H-7	File, hand, safe edge, bastard, with handle, 250mm.	4	*
H-8	Hacksaw, adjustable, 230mm telescopic pattern, depth of bow 90mm, hardwood handle.	2	*
H-9	Mallet, carpenter's, beech head and handle 125mm.	4	*
H-10	Pincers, carpenter's, 150mm.	8	*
H-11	Plane, smoothing, No. 03, adjustable iron.	2	*
H-12	Pliers, combination, 150mm, insulated.	8	*
H-13	Pliers, round nose, 150mm.	8	*
H-14	Rasp, wood, 200mm, half round, hardwood handle, smooth.	4	*
H-15	Saw, coping, for 163mm blades, pinned ends, depth of bow 120mm No. 7CP, with blade.	8	
H-16	Saw, junior hack, 230mm	8	
H-17	Saw, panel, 400mm at least 10 T.P.I., beech handle.	1	*
H-18	Saw, tenon, 250mm, brass back, beech handle.	8	*
H-19	Screwdriver, engineer fluted, plastic handle, 100mm.	2	*

Item No.	Description	Quantity	Remarks
H-20	Screwdriver, Phillips, engineer fluted, plastic handle, 100mm.	2	
H-21	Squeegee, for screen printing, assorted sizes: 100mm, 200mm & 300mm – 4 nos. each; 150mm, 250mm, 400mm & 500mm – 2 nos. each.	1 set	*
H-22	Steel rule, 300 mm	40	*
H-23	Surform file, flat, 250mm.blade, plastic handle.	8	*
H-24	Surform, pocket size plane, 140mm blade.	2	*
H-25	Surform, standard plane, 250mm.blade.	2	*
H-26	Tinmen' snips, straight 'no-nip', 250mm.	2	*
H-27	T-square, acrylic, for size A2.	40	*

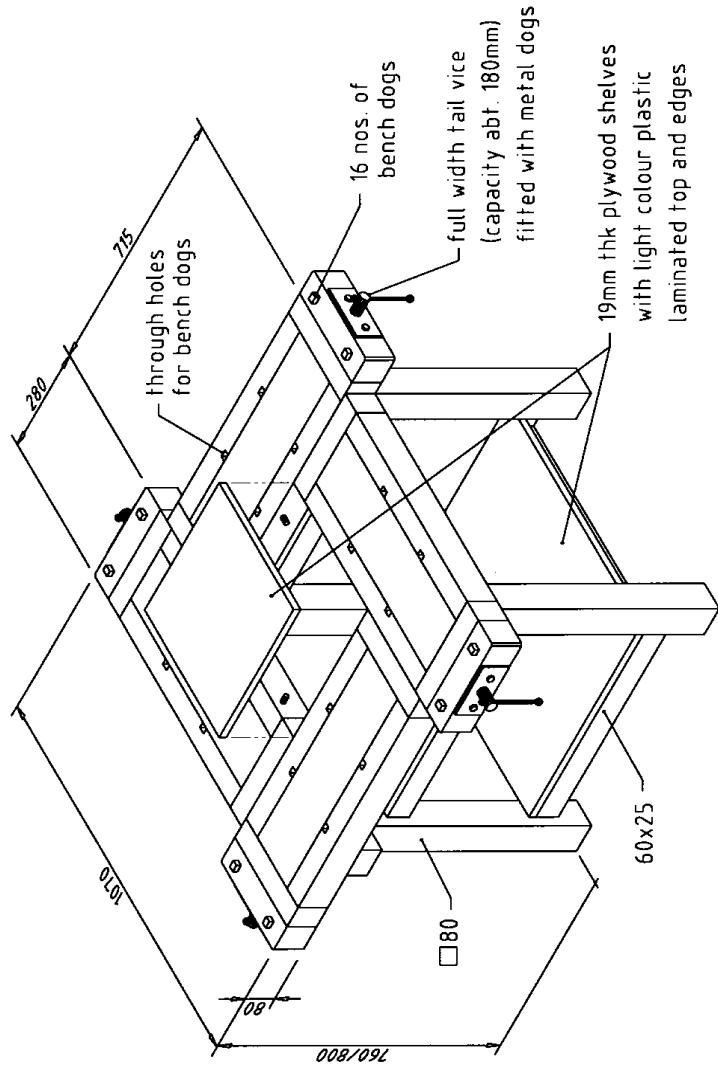
## V. Furniture

Item No.	Description	Quantity	Remarks
F-1	<b>Computer swivel chair</b> , adjustable seat and back, with 5 legs.	6	
F-2	<b>Rack</b> , drying, steel, 740 x 940 x 1350mm approx., 50 tiers with spring action for shelves, 700 x 920mm approx. wire mesh shelves, mesh opening not larger than 200 x 200 mm, with 4 rollers.	1	*
F-3	<b>Square workbench</b> , 1070 x 1070 x 760 H, with removable drawing surface. (Please refer to attached drawing)	2	*
F-4	<b>Stool</b> , 460 H, sturdy, made from plastic or hardwood.	40	*
F-5	<b>Table</b> , writing, 1070 L x 690 W x 765 H, two lockable drawers, teak under-frame.	1	*
F-6	<b>Trolley</b> , for overhead projector, steel, sturdily constructed, 500 (W) x 450 (D) x 650 (H) with 2 shelves and 4 legs, fitted with casters with locks.	1	*
F-7	<b>Worktable</b> , 1600 L x 1000 W x 760 H, tabletop covered with light-colour plastic laminated sheet, teak/steel underframe and storage shelf.	8	* (ED-F34)

**Estimated total (excluding existing items) : \$214,000**

BT Section  
Ed Dept

Material : Solid beechwood (unless specified)  
 Overall Size : 1070 L x 1070 W x 760/800 H



x All dimensions are in mm

Drg. No. : ED-F34 (Revised)	Tuttle : Square WoodWork Bench	Scale : Do not scale	Date : 8 March 1999
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