



An Roinn Oideachais
agus Scileanna
Department of
Education and Skills

Graphics Design Lab

Equipment List and Specification

Graphics Design Lab

Code Quantity	Description and Specification	Cost €
G/1 1	Set of (magnetic) drawing equipment, for (magnetic) chalkboard, to include (i) compass with steel point (500 mm), (ii) 60°/30° set square (500 mm), (iii) 45° set square (500 mm), (iv) protractor (425 mm) and (v) heavy duty rule with bevelled edges (1000 mm). Manufacturer: _____ Catalogue No.: _____	
G/2(A) 30	T-squares: A2 size, tape blade, best quality hardwood, with maple or acrylic edges to blade; blade screwed and dowelled to stock or equal. Manufacturer: _____ Catalogue No.: _____	
OR		
G/2(B) 30	Stainless steel T-square with fixed light cast aluminium head, brushed blade with low reflectance. Manufacturer: _____ Catalogue No.: _____	
G/3 30	Portable Desktop Drawing Board, A2 size, solid core/particle board/multi-ply, white high pressure laminate above and below, pvc edges and square corners, with rubber feet. Simple robust mechanism to allow use at 0° and 20°, with rubber tractor grip to facilitate overhanging of table edge. Manufacturer: _____ Catalogue No.: _____	
G/4 30	Graphics/DCG wooden box set, to come with 4" acrylic protractor, 60°/30° & 45° Set Squares (transparent heavy duty, non-brittle plastic, with bevelled edge and open centre. Sizes: 200 mm, 2 mm thick), quickset adjustable compass, H and 2H pencils, Vinyl eraser, Metal sharpener and Clips. Manufacturer: _____ Catalogue No.: _____	
G/5 30	Adjustable Set Square, shatter resistant acrylic body with magnifying cursor for precise readings, 200 mm. Manufacturer: _____ Catalogue No.: _____	
G/6 30	Scaled rule, acrylic, 300 mm, suitable for graphics/drawing. Manufacturer: _____ Catalogue No.: _____	
G/7 1	Graphics teaching models, c.300 mm size, to include standard geometric solids, and those depicting their interpenetration with conic sections and development of surfaces. c.12 models. Manufacturer: _____ Catalogue No.: _____	
G/8 1	Circle template, acrylic type, c.2 mm to 50 mm diameter circles. Manufacturer: _____ Catalogue No.: _____	
G/9 1	Flexi-curve, suitable for technical graphics work. Manufacturer: _____ Catalogue No.: _____	
G/10 1	French curves, set of three, moulded plastic with ellipse form. Manufacturer: _____ Catalogue No.: _____	
G/11 1	Erasing shield, stainless steel type. Manufacturer: _____ Catalogue No.: _____	
G/12 1	Air brush kit, compressed-air canister type(no compressor needed). Manufacturer: _____ Catalogue No.: _____	
G/13 25	Cutting knife, scalpel type with disposable blades. Manufacturer: _____ Catalogue No.: _____	

G/14 25	Cutting mat, A3 size, plastic, self-repairing.		
	Manufacturer:	Catalogue No.:	
G/15 30	Show-me boards, A3 gridded, with drywipe pens and eraser.		
	Manufacturer:	Catalogue No.:	
G/16 12	Scissors 250mm stainless steel.		
	Manufacturer:	Catalogue No.:	
G/17 30	Scissors 140mm, 25 no. right handed and 5 no. left handed.		
	Manufacturer:	Catalogue No.:	
G/18 2	Spray mount 400ml.		
	Manufacturer:	Catalogue No.:	
G/19 6 of each	Ready mixed water-soluble paint 500ml (red, green, brown, black, blue, yellow, white).		
	Manufacturer:	Catalogue No.:	
G/20 10	White foam board 3mm thick, 70x100cm.		
	Manufacturer:	Catalogue No.:	
G/21 10 of each	A3 Black and White 160g card (pack of 20).		
	Manufacturer:	Catalogue No.:	
G/22 6	Construction straws set with wheels and joiners included, each set minimum of 500 pieces.		
	Manufacturer:	Catalogue No.:	
G/23 12	Glue guns and 100 glue sticks.		
	Manufacturer:	Catalogue No.:	
G/24 6	Air drying modelling clay 12.5kg.		
	Manufacturer:	Catalogue No.:	
G/25 6	Wooden modelling tool set, assorted sizes and shapes (minimum 10 tools per set).		
	Manufacturer:	Catalogue No.:	
G/26 1	Supercut heavy duty paper trimmers for paper, card and laminating, up to A2 size.		
	Manufacturer:	Catalogue No.:	
G/27 1	Comb Binding machine, electric, up to A3 size, minimum 200 page binding capacity. Two year guarantee.		
	Manufacturer:	Catalogue No.:	
G/28 1	A3 colour laser printer: minimum 600dpi, include wireless direct option and suitable to produce quality drawings. One year on site warranty to include parts and labour.		
	Manufacturer:	Catalogue No.:	
G/29 1 of each colour	PLA for 3d printer (item G/33), colours: white, black, red, blue, yellow and green.		
	Manufacturer:	Catalogue No.:	
G/30 1	Mobile touch screen TV, minimum 65" anti-glare screen, HDMI and USB connection, suitable for education purposes, to come with mobile fixed height trolley. Two Year warranty.		
	Manufacturer:	Catalogue No.:	

G/31 1	Visualiser: Min. 13 MP Lens, Up to 4K at 30 fps Video, Built-In Mic, coverage A3 + (533x330mm), USB Interface & Power Connection to a PC. Five year warranty.	
	Manufacturer:	Catalogue No.:
G/32 1	Laser cutter/engraver: CO2, workable on a variety of materials, minimum engraving area 300mm x 300mm, accommodate minimum 100mm thickness, minimum 30 Watt laser tube, open source software and driver, Raster & Vector operating modes, single phase, must come with a Vector grid, Air compressor and Fume extraction system, and Technical support must be available. 2 Year warranty on machine and Co2 Tube.	
	Manufacturer:	Catalogue No.:
G/33 1	3D Printer: Min volume area 100mm x 100mm x 100mm, Suitable for education purposes (not DIY/home spec.) and capable of high quality printing, user-friendly software based on open-source platform (Compatible with Parametric Modelling software used in Design and Communication Graphics (DCG)), Support materials such as PLA, Fully enclosed print chamber, and Technical support must be available. Two year on-site warranty to include parts and labour.	
	Manufacturer:	Catalogue No.:
G/34 1	Laptop suitable to run laser cutter and 3D printer, to be supplied with a case and wireless optical mouse. Two Year warranty.	
	Manufacturer:	Catalogue No.:
G/35 3	Interchange 3-2-1 mobile table, 3 individual 2-student desks that make up a larger circle. Each set to come with 8 accompanying chairs.	
	Manufacturer:	Catalogue No.:
G/36 2	Low student bench, approximate size: 1800mm x 300mm x 320mm.	
	Manufacturer:	Catalogue No.:

Total (€)	
Add for VAT (€)	
Total amount for GDL list (€)	

Standards, Specifications and Conditions

**All Equipment shall be Durable and Safe for School Use.
Equipment wholly or partly funded from public funds is subject to Inspection by
Officers from the Department of Education and Skills.**

It is essential that tenders for equipment for School Use shall:

- i) Comply fully with the specifications and be durable and safe for School Use.
- ii) Comply fully with the standards as detailed and shall comply fully with European (EN) standards, both established and developing.
- iii) Comply with European electrical standards and CE marking as appropriate.
- iv) Be accompanied by documentation of sufficient detail for full evaluation.
- v) Include the completed and signed certificate of compliance.

Award of a contract is conditional on the production of a current tax clearance certificate.

Failure to comply with the above may result in the tender being deemed null and void.

Certificate of Compliance with Standards, Specifications & Conditions:

I/We certify that the equipment tendered complies in all respects with the Standards, Specifications and other requirements/conditions specified in this tender document.

I/We hold a current tax clearance certificate.

Company: _____

Signed: _____ Date: _____

Position: _____