



AN ROINN OIDEACHAIS AGUS EOLAÍOCHTA | DEPARTMENT OF EDUCATION AND SCIENCE

**Planning and Building Unit
Tullamore, Co. Offaly.**

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**Room: Design & Communication
Graphics**

**Design and Communication
Graphics – DCG
Room Layout 18.1**

Equipment List and Specification

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 & Science.**

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.

Equipment for Design & Communication Graphics		
Code Quantity	Descriptions & Specifications:	Cost €
DCG/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: _____	
DCG/2 25	T-squares: A2 size, Tape Blade, best quality hardwood, with maple edges to blade and stock; blade screwed and dowelled to stock or equal. Manufacturer: _____ Catalogue No: _____	
DCG/3A 25	Drawing Boards, A2 size, coated or veneered particle board or multiply. Manufacturer: _____ Catalogue No: _____	
DCG/3B 25	Protractor, acrylic to suit graphics/drawing Manufacturer: _____ Catalogue No: _____	
DCG/4A 25 each	(i) 60°/30° & (ii) 45° Set Squares: transparent heavy duty, non-brittle plastic, with bevelled edge and open centre. Sizes: 200 mm, 2 mm thick. Manufacturer: _____ Catalogue No: _____	
OR		
DCG/4B 25	Adjustable Set Square, shatter resistant acrylic body with magnifying cursor for precise readings, 200 mm Manufacturer: _____ Catalogue No: _____	
DCG/5 25	Scaled rule, acrylic, 300 mm, suitable for graphics/drawing Manufacturer: _____ Catalogue No: _____	
DCG/6 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: _____	
DCG/7 1	Circle template, acrylic type, c.2 mm to 50 mm diameter circles Manufacturer: _____ Catalogue No: _____	
DCG/8 1	Flexi-curve, suitable for technical graphics work Manufacturer: _____ Catalogue No: _____	
DCG/9 1	French curves, set of three, moulded plastic with ellipse form Manufacturer: _____ Catalogue No: _____	
DCG/10 1	Erasing shield, stainless steel type. Manufacturer: _____ Catalogue No: _____	
DCG/11 1	Air brush kit, compressed-air canister type(no compressor needed). Manufacturer: _____ Catalogue No: _____	
DCG/12 25	Cutting knife, scalpel type with disposable blades. Manufacturer: _____ Catalogue No: _____	
DCG/13 25	Cutting mat, A3 size, plastic, self-repairing. Manufacturer: _____ Catalogue No: _____	
DCG/14 1	Hot-wire cutter, bench-top, minimum 150 mm capacity, thermostatic control, for use with expanded polystyrene only. Manufacturer: _____ Catalogue No: _____	
Total :		€
Add for VAT :		€
Total Amount for DCG List:		€

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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: _____

APPENDIX

Note: The information below is published as a general guide to schools as to requirements for this subject when procuring ICT equipment

	Desktop or laptop computers for school CAD use to appropriate specifications.	0.00
	Manufacturer: _____ Catalogue No: _____	
	Digital data projector. Suitable for CAD and general use. c.2000 lumens, 400:1 contrast ratio, XGA resolution or better. Ceiling mounted.	0.00
	Manufacturer: _____ Catalogue No: _____	
	Projector screen, retractable, wall or ceiling mounted	0.00
	Manufacturer: _____ Catalogue No: _____	
	A3 colour printer. Network compatible. Laser or business inkjet	0.00
	Manufacturer: _____ Catalogue No: _____	
	A4 black laser printer. Network compatible.	0.00
	Manufacturer: _____ Catalogue No: _____	
	Scanner to specification on ICT list	0.00
	Manufacturer: _____ Catalogue No: _____	
	Digital camera, 8 megapixel or better, 3X optical zoom, macro and video capability, with batteries and charger.	0.00
	Manufacturer: _____ Catalogue No: _____	
	Parametric CAD software site licence, if not already acquired. Framework agreement in place.	0.00
	Manufacturer: _____ Catalogue No: _____	
	Image manipulation software appropriate to school needs.	0.00
	Manufacturer: _____ Catalogue No: _____	
	Universal card reader	0.00
	Manufacturer: _____ Catalogue No: _____	