An Roinn Oideachais
agus Óige
Department of Education
and Youth

Construction Technology/Wood Technology

Equipment List, Specifications and Tendering Guidance

Furniture and Equipment Section:

List is for existing schools only

30/10/2026

Important Notes to School's /ETB's seeking the items from this list:

1. This list is not for new school builds and is only for equipment upgrades in pre-existing Graphics classrooms through applications managed by the Furniture and Equipment section of the Planning and Building Unit.

2. Utilise existing procurement arrangements with suppliers/service providers where available.

3. Search www.ogp.gov.ie to check if there is a suitable, fit for purpose framework/contract in place for all or some of the items required.

4. Choose to seek a request for quotation (RFQ), below the value of 25k, or a request for tender (RFT), above the value of 25k, based on best value for money using both qualitative and cost criteria. All procurement over the value of €25,000 must be advertised and published on www.etenders.gov.ie.

5. Seek quotations based on the items that can be competitively quoted from multiple suppliers based on the estimated level of spend following the procurement guidelines. For more advice on the procurement guidelines contact the Schools Procurement Unit (www.spu.ie) or Education Training Board with whom you are associated (list of ETBs on www.etbi.ie).

6. Suppliers may not be able to provide the full range of goods listed. In this case they should be requested to quote only for items they can supply.

7. The specifications outlined in this document have been reviewed to ensure products of the highest quality are supplied. Substandard equipment should not be proposed or accepted under any circumstances and suppliers should be asked to replace these to the same standard set out or higher. Schools are advised to check this as part of the assessment before finalising the overall scores. In addition to pricing each item, suppliers must also specify the warranty being offered for each item.

8. All quotations must be excluding VAT with the VAT highlighted separately.

9. Contact the School Procurement Unit or your ETB for further specific guidance.

Section 1: Geometric, Drawing and Model Making Equipment			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION**	**COST & WARRANTY OFFE**
CT/A/101	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).	

CT/A/102	24 right handed, 6 left handed	Stainless steel T-square with fixed light cast aluminium head, brushed blade with low reflectance.	
CT/A/103	24	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 0º and 20º, with rubber tractor grip to facilitate overhanging of table edge.	
CT/A/104	24	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.	
CT/A/105	24	Adjustable Set Square, shatter resistant acrylic body with magnifying cursor for precise readings, 200 mm.	
CT/A/106	24	Scaled rule, acrylic, 300 mm, suitable for graphics/drawing.	
CT/A/107	1	1000mm Steel rule	
CT/A/108	1	Scaled rule, acrylic, 300 mm, suitable for graphics/drawing	
CT/A/109	25	300mm Steel rule	
CT/A/110	1	50m Surveyor's fibre measuring tape	
CT/A/111	25	Cutting knife, scalpel type with disposable blades	
CT/A/113	25	Small whiteboard, A3 size, gridded, with 4 drywipe pens and eraser	
CT/A/114	1	Scissors 250mm stainless steel	
CT/A/115	24	Scissors 140mm	

CT/A/117	24	12 Piece Artists Paint Brush, various sizes, suitable for painting models, cardboard, etc	
CT/A/121	1	5m Pocket measuring tape with 19mm blade. Non-sharp edge	
CT/A/122	12	Glue gun and 100 glue sticks. 200W, Mechanical Feed System, Suitable for all Universal 7mm Diameter Glue Sticks, 100 glue sticks	
CT/A/123	24	150mm Rosewood-stocked try square	
CT/A/124	1	300mm Rosewood-stocked try square.	
CT/A/125	1	300mm long contour gauge, 50mm max. profile approx.	
CT/A/126	1	150mm Aluminium mitre template.	
CT/A/127	24	250mm Beech marking gauge, min. 10 year warranty.	
CT/A/128	24	200mm Rosewood mortice gauge.	
CT/A/129	6	250mm Beech cutting gauge, min. 10 year warranty.	
CT/A/130	1	Micro Adjust Wheel Marking Gauge, Aluminium body with brass face, stainless steel rod, Hardened steel wheel cutter	
CT/A/131	12	225mm Rosewood sliding bevel, 10 year warranty.	

Section 2: Handsaws and Chisels			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION**	**COST & WARRANTY OFFE**
CT/A/201	24	Beech bench hooks, hardwood	
CT/A/202	24	300mm Beech-handled tenon saw, brass back, min. 10 year warranty	
CT/A/203	6	200mm Beech-handled dovetail saw, brass back, min. 10 year warranty.	
CT/A/204	1	450mm Panel saw.	
CT/A/205	1	Japanese Small Dozuki Tenon Saw 160mm, min. 10 year warranty	
CT/A/206	1	550mm Cross-cut handsaw, 11 TPI	
CT/A/207	24	Coping saw with traditional wooden handle, 150mm blade with 14TPI, 2 blade holders both with a pin for easy blade fitting	
CT/A/208	1	250mm Pad saw	
CT/A/209	1	350mm Compass saw	
CT/A/210	1	200mm Fixed-blade razor saw	
CT/A/211	24	3mm Bevel-edged chisel, min. 10 year warranty	
CT/A/212	24	6mm Bevel-edged chisel, min. 10 year warranty	

CT/A/213	24	12mm Bevel-edged chisel, min. 10 year warranty	
CT/A/214	24	18mm Bevel-edged chisel, min. 10 year warranty	
CT/A/215	24	25mm Bevel-edged chisel, min. 10 year warranty	
CT/A/216	4	6mm Firmer chisel, min. 10 year warranty.	
CT/A/217	4	12mm Firmer chisel, min. 10 year warranty.	
CT/A/218	4	18mm Firmer chisel, min. 10 year warranty.	
CT/A/219	4	25mm Firmer chisel, min. 10 year warranty.	
CT/A/220	24	6mm Mortice chisel, min. 10 year warranty.	
CT/A/221	24	10mm Mortice chisel, min. 10 year warranty.	
CT/A/222	24	13mm Mortice chisel, min. 10 year warranty.	

Section 3: Turning and Carving Tools			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION**	**COST & WARRANTY OFFE**
CT/A/301	1	Lathe long hole boring kit, min. 10 year warranty	

CT/A/302	4	6mm Turning gouge, min. 10 year warranty	
CT/A/303	4	12mm Turning chisel, min. 10 year warranty	
CT/A/304	4	18mm Turning chisel, min. 10 year warranty	
CT/A/305	4	12mm Skew end turning chisel, min. 10 year warranty	
CT/A/306	4	18mm Skew end turning chisel, min. 10 year warranty	
CT/A/307	4	25mm Skew end turning chisel, min. 10 year warranty	
CT/A/308	4	3mm Parting chisels, min. 10 year warranty	
CT/A/309	4	6mm Parting chisels, min. 10 year warranty	
CT/A/310	4	Lathe Pen turning kit: Kit to include: Dust free Collet, Colt HSS-M2 Parabolic fluted 7 x 150mm drill bit, Universal pen mandrel, Locknut kit, Pen Blank trimming tool, minimum 5 high quality pen kits, 7 & 10mm spacers to suit most sizes of pen kit.	
CT/A/311	4	200mm Calipers (4/outside and 4/inside)	
CT/A/312	6	12mm Carving gouge-straight, full size, no.7 sweep, min. 10 year warranty	
CT/A/313	6	12mm Carving gouge-short curved, no.27 sweep, min. 10 year warranty	
CT/A/314	1	Set of 8 double ended 200mm Carving Rifflers	

CT/A/315	6	Set of 12 full size (blade 125mm approx.) carving chisels comprising - 1/14 mm Sweep no.1 straight chisel 1/6 mm Sweep no.2 skew chisel 1/14 mm Sweep no.5 straight gouge 1/16 mm Sweep no.5 straight gouge 1/3 mm Sweep no.6 straight gouge 1/10 mm Sweep no.6 straight gouge 1/6 mm Sweep no.7 straight gouge 1/14 mm Sweep no.8 straight gouge 1/2 mm Sweep no.11 straight gouge 1/6 mm Sweep no.39 'vee' tool 1/6 mm Sweep no.14 long curved gouge 1/3 mm Sweep no.21 short curved gouge, or similar. European sweep numbers, min. 10 year warranty	
CT/A/316	6	Set of 6 assorted pattern chip carving knives, min. 10 year warranty	
CT/A/317	1	Multi-Purpose Vice, model makers vice suitable for carving. It should tilt, turn and rotate, have nylon jaws, and a control knob to lock the work firmly in any position.	
CT/A/318	2	Set of 6 assorted pattern carver's grounding punches	
Section 4: Hand Planes and Knives			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION**	**COST & WARRANTY OFFE**
CT/A/401	1	Plough plane & set of cutters, min. 10 year warranty	
CT/A/402	1	170mm Block plane with 40mm cutter, min. 10 year warranty	
CT/A/403	1	Shoulder plane, min. 10 year warranty	

CT/A/404	1	Rebate plane, min. 10 year warranty	
CT/A/405	8	380mm Steel jack planes with 60mm cutters, min. 10 year warranty	
CT/A/406	8	260mm Steel smoothing plane with 50mm cutter, min. 10 year warranty	
CT/A/407	4	Adjustable metal convex (flat) spokeshave, min. 10 year warranty	
CT/A/408	4	Adjustable metal concave (curved) spokeshave, min. 10 year warranty	
CT/A/409	1	100mm Cabinet scraper	
CT/A/410	6	250mm Standard flat cut rasp/planer file	
CT/A/411	6	250mm Fine flat cut rasp/planer file	
CT/A/412	6	250mm Standard half round rasp/planer file	
CT/A/413	6	250mm Fine half round rasp/planer file	
CT/A/414	6	250mm Standard round rasp/planer file	
CT/A/415	6	250mm Fine round rasp/planer file	
CT/A/416	24	Marking knives, min. 10 year warranty	
CT/A/418	24	Cork sanding blocks	

Section 5: Inlay and Marquetry Equipment			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION**	**COST & WARRANTY OFFE**
CT/A/501	1	Veneering hammer	
CT/A/502	25	Cutting mat, A3 size, plastic, self-repairing	
CT/A/503	24	Scalpels with replaceable blades	
CT/A/504	12	Fine Curved Inlay Saw 15tpi, thin curved blade specially crafted for the fine veneer work, blade length 75mm, min. 5 year warranty	
CT/A/505	24	Self-healing cutting mat, suitable for A3 size	
CT/A/507	2	Rubber pressure roller for veneer and laminate, Roller width 75mm	
CT/A/508	1	Veneer Roller - 40mm Stainless Steel, chamfered corners	

Section 6: Percussion Tools and Screwdrivers			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION**	**COST & WARRANTY OFFE**
CT/A/601	24	100mm Beech carpenter's / joiner's mallet, min. 10 year warranty	

CT/A/602	2	Beech carvers mallet-head 100 dia. length 250mm approx., min. 10 year	
CT/A/603	1	c.0.45 kg (16oz) claw hammer.	
CT/A/604	24	12oz Warrington (cross-pein) hammer, min. 10 year warranty	
CT/A/605	2	4oz Pin hammer	
CT/A/606	1	100mm Square head nail punch - 1.5mm point	
CT/A/608	1	Heavy duty hammer tacker (Stapler), min. 10 year warranty	
CT/A/609	1	200mm Cabinet pattern screwdriver with 8mm tip	
CT/A/610	2	100mm Plastic-handled Screwdriver with 6mm flared tip	
CT/A/611	6 of each size	Pozi drive bits for cordless drill, PZ1, PZ2, PZ3	
CT/A/612	12	Plastic-handled Bradawl, min. 10 year warranty	
CT/A/613	1	200mm Lancashire Pattern Pincers, boxwood-handled gimlet	
CT/A/614	1	Sleeved, Engineering Pliers comprising - 1/200 mm Standard Combination 1/200 mm Long-Nosed 1/200 mm Diagonal Cutting 1/150 mm Standard Combination	
CT/A/615	1	250mm Straight Jaw-Locking Vice Grips.	
CT/A/616	1	Set Brace Auger Bits comprising - 1/6 mm 1/8 mm 1/10 mm 1/13 mm 1/16 mm 1/19 mm 1/22 mm	

CT/A/617	1	12mm Flat/Improved Pattern Centre Bit.	
CT/A/618	1	18mm Flat/Improved Pattern Centre Bit.	
CT/A/619	2	4Sets Drill Bits for Metal and Plastic comprising - 1 - 13mm HSS	
CT/A/620	2	12mm Countersink Drill Bits	
CT/A/621	1	Straight Shank Forstner Wood Drill Bit Set 5 Pieces	

Section 7: Vices, Cramps and Spanners			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION**	**COST & WARRANTY OFFE**
CT/A/701	4	900mm Sash Clamps, heavy duty, min. 10 year warranty	
CT/A/702	4	1200mm Sash Clamps, heavy duty, min. 10 year warranty	
CT/A/703	4	600mm Sash Clamps, heavy duty, min. 10 year warranty	
CT/A/704	4	1200mm T Bar Clamp, min. 10 year warranty	
CT/A/706	2	Sets of Cramp Heads	
CT/A/707	4	100mm Mitre Cutting/Corner Cramps, min. 10 year warranty.	

CT/A/708	4	450mm Quick Grip Clamps, min. 10 year warranty.	
CT/A/709	24	150mm Single-Handed Cramps, min. 10 year warranty	
CT/A/712	1	300mm Hacksaw, min. 10 year warranty.	
CT/A/713	1	Heavy-Duty pop Riveter, Four nozzles to accept 2.4mm(3/32"), 3.2mm(1/8"), 4mm(5/32") and 4.8mm(3/16") rivets. Supplied with nozzle spanner.	
CT/A/714	1	38 mm General Purpose Drill Holesaw Kit comprising 1/16 mm 1/20 mm 1/25 mm 1/32 mm 1/40 mm 1/51 mm A1 and A10 Arbors A7 Ejector Spring	
CT/A/715	1	Set of 1/25 mm 1/50 mm 1/75 mm Sanding Drums incorporating an abrasive paper gripping system suitable for mounting into and drill press or power drill.	
CT/A/716	1	9 Piece Set of Allen Keys comprising 2-10mm	

Section 8: Portable Power Tools and dust control			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION** **Note: Portable Tools to be supplied as cordless appliances where notes. Where possible, the same brand to be supplied for all tools to ensure batteries are interchangeable**	**COST & WARRANTY OFFE**
CT/A/801	1	Min. 18 volt Cordless Router, portable, with charger and two batteries Collet capacity: 10,000 – 30,000/min, Plunge Capacity: Trimmer 0-40mm, Plunge 0-35mm, Collet capacity: 3/8 inch and 1/4 inch, Minimum Two year warranty. Set of 12 Assorted Router Bits to suit included	
CT/A/802	1	c. 400 mm X 400 mm Non-Slip industrial quality Router Mat	

CT/A/803	1	Min. 18 volt Portable Jigsaw with toolcase, with charger and 2 batteries Bevel Capacity: 45°. Minimum Two year warranty.	
CT/A/804	1	Eccentric Sander, 240V, 3 mm sanding stroke, have a sanding pad brake, Stepless speed preselection, Dust Extraction Connection Diameter: 27 mm, Minimum two year warranty	
CT/A/805	1	L Class Dust Extractor 240V for eccentric sanders, Filters to 1mg/m^3, 15 Ltr capacity, include 4 Selfclean filter bags. For use in project bench in section 13 below	
CT/A/806	1	Domino joining system, To include Domino cutter, Support bracket, Trim stop, Cross stop, Mitre Routing: 0-90 degree. To be supplied with Assorted Domino Beech Tenons and Cutters, Router cutters for sizes: D4, D5, D6, D8, D10. Minimum two year warranty	
CT/A/807	1	Portable 12/24/110 V, 50 Hz variable speed Power Wood Carver.	
CT/A/808	8	Portable 12/24/110 V, 50 Hz Pyrograph Machine, Variable heat up to 1100 degrees C, minimum two year warranty	
CT/A/809	1	Twin kit drill set to include a 1 Combi Drill and 1 Impact Driver, 2 x 5.0Ah Li-ion Batteries, charger and carry case, minimum two year warranty Two year warranty.	
CT/A/811	1	10 m, 13 amp, 240 V Extension Cable Reel.	
CT/A/812	1	Industrial wet/dry vacuum; Robust electrical vacuum cleaner for wet and dry use for cleaning up dust, debris or water, minimum 1400-watt motor, minimum 20 litre capacity, Dust class category M rated to EN60335-2- 69, for dust with workplace limit values > 0.1 mg/m3, to include HEPA Cartridge filter, minimum 3 meter hose, air flow sensor to indicate when the air flow is reduced by a clogged filter, full tank, etc., base includes wheels/castors for easy manoeuvring. for general cleaning	

Section 9: Room cleaning and Safety equipment

ITEM CODE	QUANTITY	DESCRIPTION & SPECIFICATION	COST & WARRANTY OFFE
CT/A/901	24	Banister type c.300mm x 50mm flat-backed Bench Brush. Resin set pure bristle. Product available from PPE and First Aid Framework.	
CT/A/902	1	Yard Brush with Handle	
CT/A/903	1	300mm x 200mm Square Mouth 700mm Handled Shovel	
CT/A/904	2	600mm Sweeping Brush with Handle.	
CT/A/905	2	Large Plastic Dust/Litter Bin with Lid capacity c.80 litres. Product available from PPE and First Aid Framework.	
CT/A/906	1	Wall-Mounted First Aid Cabinet c.370mm x c.24mm with hinged door and equipped with minimum 24 person first aid kit. Product available from PPE and First Aid Framework.	
CT/A/907	1	Set of minimum 6 / Laminated wall-mounted assorted Safety Signs. Product available from PPE and First Aid Framework.	
CT/A/908	25	Non-mist Safety Goggles, full ventilation, suitable for use over spectacles, kite marked to BS 2092. Product available from PPE and First Aid Framework.	
CT/A/909	1	Headband and ear cup type ear defenders. To be supplied with two sets of renewable sealing rings and to conform to EN352/BS5108. Attenuation to 20dB required. Product available from PPE and First Aid Framework.	
CT/A/910	4	Clearways face shields with adjustable headbands. Full facial and eye protection while operating machine tools etc. Kite marked to BS2092. Product available from PPE and First Aid Framework.	
CT/A/911	30	Student aprons suitable for workshop use. Product available from PPE and First Aid Framework	
CT/A/912	1	Soap/hand cream dispenser. Product available from PPE and First Aid Framework.	

CT/A/913	4	Roll of Hazzard Warning Floor Tape, 50x3300mm, Yellow-Black. Product available from PPE and First Aid Framework.	

Section 10: Specialist Science equipment and accessories			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION**	**COST & WARRANTY OFFE**
CT/A/1001	1	Wet & Dry Bulb Hygrometer , c.250mm x 100mm. Plastic moulded with glass reservoir. Relative Humidity chart.	
CT/A/1002	1	Sound Level Meter, LCD Display 30 dB – 130 dB, Two year warranty.	
CT/A/1003	1	Light Meter, LCD Display (Lux and/or candelas) - resolve to 0.1 Lux, Two year warranty.	
CT/A/1004	4	Infrared & Contact Digital Thermometer, Temperature Range -30°C to 500°C, Digital Display, Real-Time Read-Out, minimum two Year Guarantee	
CT/A/1006	1	Lightweight steel staple gun with a chrome finish, to come with 10mm steel staples (box of 1,000)	
CT/A/1007	1	Staple Remover 180mm, for removing staples safely and easily	

Section 11: Woodworking Machines			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION**	**COST & WARRANTY OFFE**
CT/A/1101	2	Scroll Saw, 450mm, with tilt table, variable speed motor, sawdust blower, workpiece hold-down and blade guard attachment. Motor c.120-200 W, 230 V. Five year on-site warranty to include parts and labour.	

CT/A/1102	1	Mortice Machine, Floor-standing hollow-chisel, anchor points for attachment to floor , c.12.5mm adjustable chuck, to take chisels as below, c. 1 kW, 3 phase, 50 Hz.Five year on-site warranty to include parts and labour	
CT/A/1103	1	Set of 5 hollow mortice chisels comprising - 1/6mm ; 1/10mm; 1/12mm; 1/15mm; 1/18mm	
CT/A/1104	4	10” Cast Iron 5 Speed Mini Wood Lathe, bench mounted. 5 Speeds - Drive belt; Tool rest holder and tail stock will be locked into place with the easy to use cam locking system; 3” faceplate is included; Min. 350W Motor; Heavy Duty Spindle. school has to ensure adequate extraction is provided Three year on-site warranty to include parts and labour.	
CT/A/1105	2	Drilling Machine, single phase, floor-standing, keyless chuck, cast iron table, tool free belt tensioning, safety guards, weight to exceed 70kg. To be supplied with drill press table to safely secure smaller work pieces. Five year on-site warranty to include parts and labour.	
CT/A/1107	1	Electric Sharpening system: grinding stone size x width 250mm x 50mm; stone grit K220; leather honing wheel size x width 200mm x 30mm; rotation speed min: 80rpm; include jig for straight edges, plane irons, ripping chisels; include angle setting jig for measuring exact angles and settings. Single phase. Five year on-site warranty to include parts and labour.	

Section 12: Digital Technologies and Computer Aided Manufacturing (CAM)			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION**	**COST & WARRANTY OFFE**
CT/A/1201	1	Laptop suitable to run CNC, laser cutter and 3D printer, to be supplied with a case and wireless optical mouse. .Three Year warranty.	

CT/A/1202	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.	
CT/A/1203	1	3D Printer: Min volume area 200mm x 200mm x 200mm, 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. Roll of PLA to be provided with machine. Three year on-site warranty to include parts and labour.	
CT/A/1204	1	Laser cutter/engraver: CO2, workable on a variety of materials, minimum engraving area 300mm x 300mm, **max engraving areas 700mm x 700mm,** 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. Three Year on-site warranty on machine and Co2 Tube. **No waterjet or sand alternative permitted**. NOTE:Only 1 laser cutter per department	

Section 13: Tool storage and project areas			
ITEM CODE	**QUANTITY**	**DESCRIPTION & SPECIFICATION**	**COST & WARRANTY OFFE**
CT/A/1301	2	Tool storage presses for hand tools, lockable, approximate size 1900mm x 1000mm x 500mm. These to be supplied with cut-out slots. Option to be also supplied with storage trays	
CT/A/1304	2	Air filtration system, single phase, 200W motor, 1 micron filter capacity, 3 speed settings (550, 700, 1000 CFM approx), remote control to set variable running time after work, include ceiling mounting brackets. Units should be supplied and fitted.	