



AN ROINN DEPARTMENT
OIDEACHAIS OF EDUCATION
AGUS SCILEANNA AND SKILLS

Planning and Building Unit
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Room: Technology

Technology – LIST A
Equipment List and Specifications

Standards, Specifications & Conditions

All equipment/machinery/tools 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 and tenderers for equipment for school use shall:

- Comply fully with the specifications and be durable and safe for school use.
- Comply fully with the standards as detailed and shall comply fully with European Standards (EN), both established and developing.
- Comply with European electrical standards and CE marking as appropriate.
- Fully comply with requirements in the Request for Tenders (RFT) document.
- Be accompanied by documentation of sufficient detail for full evaluation.
- 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.

Section 1: General Workshop Equipment/Tools		
Code Quantity	Descriptions & Specifications	Cost €
Craft:- Wood		
TECH/A/101 12	Bench plane, smooth, 50 mm cutter, adjustable for depth of cut/alignment. Manufacturer: Catalogue No:	
TECH/A/102 12	Carpenters mallet, c.115 mm Manufacturer: Catalogue No:	
TECH/A/103 12	Tenon saw, c.250 mm – 300 mm, stiffening rib. Manufacturer: Catalogue No:	
TECH/A/104 12	Bench hook. Manufacturer: Catalogue No:	
TECH/A/105 12	Warrington hammer, weight: c.340 g. Manufacturer: Catalogue No:	
TECH/A/106 12	Marking gauge – steel pin, thumbscrews Manufacturer: Catalogue No:	
TECH/A/107 12	Woodwork try-square, blade length: 150 mm min. Manufacturer: Catalogue No:	
TECH/A/108 8	Coping saw, complete with pack of blades. Manufacturer: Catalogue No:	
TECH/A/109 4	Sliding bevel (woodwork), wooden handle, hardened steel blade, locking mechanism. Manufacturer: Catalogue No:	
TECH/A/110 4	Measuring tape, c.3 m Manufacturer: Catalogue No:	
TECH/A/111 4 4 4 4	Chisels (bevel edge): 6 mm 10 mm 18 mm 25 mm Manufacturer: Catalogue No:	
TECH/A/112 4 4 4 4	Chisels (mortise): 6 mm 10 mm 18 mm 25 mm Manufacturer: Catalogue No:	
TECH/A/113 2	Bit brace, c.250 mm. Manufacturer: Catalogue No:	
TECH/A/114 2	Set of auger bits, c.6mm – c.25mm to suit TECH/A/112. Manufacturer: Catalogue No:	
TECH/A/115 2	Set of flat bits, c.6mm – c.25mm to suit TECH/A/112. Manufacturer: Catalogue No:	
TECH/A/116 2	Claw hammer, tempered/hardened head, wood/metal handle, 500 g (1 lb). Manufacturer: Catalogue No:	
TECH/A/117 2	Carpenter's pincers, c.180 mm. Manufacturer: Catalogue No:	
TECH/A/118 2	Mallet, tinsmans type, c.45 mm diameter head. Manufacturer: Catalogue No:	
TECH/A/119 2	Mitre/corner clamp. Manufacturer: Catalogue No:	

TECH/A/120 1	Mitre Saw.	
	Manufacturer:	Catalogue No:
TECH/A/121 1	Set of c.5 hole-saws, complete with arbor, sizes from c.20 mm to c.60 mm diameter.	
	Manufacturer:	Catalogue No:
TECH/A/122 12 12 4 4 4	Files, smooth, 250 mm: Half round Hand Round Square Three square	
	Manufacturer:	Catalogue No:
TECH/A/123 12 12 4 4 4	Files, bastard, 250 mm: Half round Hand Round Square Three square	
	Manufacturer:	Catalogue No:
TECH/A/124 72	File handle for 250 mm file, plastic or wooden.	
	Manufacturer:	Catalogue No:
TECH/A/125 4	Set of c.6 needle files.	
	Manufacturer:	Catalogue No:
TECH/A/126 24	"Abra" (or equal) file, 250 mm, medium cut.	
	Manufacturer:	Catalogue No:
TECH/A/127 6	Pair of "abra" file spring clips	
	Manufacturer:	Catalogue No:
TECH/A/128 2	Engineer's inside spring caliper, c.150 mm.	
	Manufacturer:	Catalogue No:
TECH/A/129 2	Engineer's outside spring caliper, c.150 mm.	
	Manufacturer:	Catalogue No:
TECH/A/130 2	Precision vernier caliper, capacity c.150 mm, dial reading 0.02 mm.	
	Manufacturer:	Catalogue No:
TECH/A/131 2	Precision vernier caliper, capacity c.150 mm, digital reading.	
	Manufacturer:	Catalogue No:
TECH/A/132 12	Engineer's spring divider, c.150 mm.	
	Manufacturer:	Catalogue No:
TECH/A/133 12	Engineer's centre punch, c.100 mm.	
	Manufacturer:	Catalogue No:
TECH/A/134 24	Engineer's fully integrated scribe, double ended, c.175 mm.	
	Manufacturer:	Catalogue No:
TECH/A/135 12	Engineer's steel square, blade c.120 mm.	
	Manufacturer:	Catalogue No:
TECH/A/136 24	Stainless steel rule, pearl chrome finish, 300 mm long, graduated in mm.	
	Manufacturer:	Catalogue No:
TECH/A/137 4	Universal bevel, (metalwork), c.150 mm.	
	Manufacturer:	Catalogue No:
TECH/A/138 2	Set of stocks (10), dies (10), taps and wrenches, ISO thread form, range from 3 mm to 12 mm. Circular die pattern. Set complete in strong case.	
	Manufacturer:	Catalogue No:
TECH/A/139 6	File card (wooden base type), c.100 mm x c.50 mm.	
	Manufacturer:	Catalogue No:
TECH/A/140 1	Tinmans folding bars, c.250 mm	
	Manufacturer:	Catalogue No:

Code Quantity	Descriptions & Specifications	Cost €
TECH/A/141 2	Pop riveting kit, complete with pliers and assorted rivets, industrial grade. Manufacturer: Catalogue No:	
TECH/A/142 6	Engineers ball-pein hammer, weight: 500 g (1 lb). Manufacturer: Catalogue No:	
TECH/A/143 8	Tinmans snips, straight, c.200 mm. Manufacturer: Catalogue No:	
TECH/A/144 4	Tinmans snips, curved, c.200 mm. Manufacturer: Catalogue No:	
TECH/A/145 12	Hacksaw frame, 300 mm, adjustable or fixed type. Manufacturer: Catalogue No:	
TECH/A/146 100	Hacksaw blade, 300 mm, 24 T.P.I. Manufacturer: Catalogue No:	
TECH/A/147 12	Junior hacksaw frame. Manufacturer: Catalogue No:	
TECH/A/148 12	Junior hacksaw blade pack. Manufacturer: Catalogue No:	
Craft:- General Tools		
TECH/A/149 2	Glass cutter, hand held, single or multi-wheel type. Manufacturer: Catalogue No:	
TECH/A/150 1	Hand held engraver, variable speed, 230 V; 50 Hz. Manufacturer: Catalogue No:	
TECH/A/151 2	Set of letter stamps, 5 mm, set of 27, Grade A. Manufacturer: Catalogue No:	
TECH/A/152 2	Set of 12 combination spanners, e.g., 8 mm – 19 mm, chrome finish. Manufacturer: Catalogue No:	
TECH/A/153 2	Set of drills, HSS, parallel shank, c.1.0 to c.13 mm x 0.5 mm. Set in case. Manufacturer: Catalogue No:	
TECH/A/154 1	Set of counter sink drills, HSS, 6 mm, 8 mm and 10 mm. Parallel shank 90°. Manufacturer: Catalogue No:	
TECH/A/155 2	Leather sandbag, c.250 mm diameter. Manufacturer: Catalogue No:	
TECH/A/156 2	Boxwood bossing mallet, c.50 mm diameter head. Manufacturer: Catalogue No:	
TECH/A/157 2	Vice grips, 250 mm, lever release. Manufacturer: Catalogue No:	
TECH/A/158 2	Sheet metal vice grip, 250 mm, lever release. Manufacturer: Catalogue No:	
TECH/A/159 4	Combination pliers, c.200 mm. Manufacturer: Catalogue No:	
TECH/A/160 4	Long-nose pliers, c.200 mm. Manufacturer: Catalogue No:	
TECH/A/161 6	Set of assorted flat and Philips head screwdrivers with plastic handles. Manufacturer: Catalogue No:	
TECH/A/162 6	Nail punch, c.150 mm Manufacturer: Catalogue No:	
TECH/A/163 12	Craft knife Manufacturer: Catalogue No:	
TECH/A/164 2	Set of Allen keys, e.g., 3 mm - 10 mm. Manufacturer: Catalogue No:	

Code Quantity	Descriptions & Specifications	Cost €
TECH/A/165 1	Combination oilstone, c.200 mm, coarse and fine faces. Manufacturer: _____ Catalogue No: _____	
TECH/A/166 1	Paper guillotine, capable of cutting up to A3 size paper. Manufacturer: _____ Catalogue No: _____	
TECH/A/167 6 6 4	G-clamps: 100 mm 150 mm 200 mm Manufacturer: _____ Catalogue No: _____	
TECH/A/168 2	Cordless drill, min. 14V, complete with case and spare battery. Two year warranty. Manufacturer: _____ Catalogue No: _____	
TECH/A/169 1	Portable electric router, complete with tool case, 110 V, 50 Hz, c.1800 W motor. Two year warranty. Manufacturer: _____ Catalogue No: _____	
TECH/A/170 1	Portable electric orbital sander, complete with tool case, 110 V, 50 Hz, c.600 W motor. Two year warranty. Manufacturer: _____ Catalogue No: _____	
TECH/A/171 1	Portable electric jig saw, complete with tool case, 110 V, 50 Hz, c.700 W motor. Two year warranty. Manufacturer: _____ Catalogue No: _____	
TECH/A/172 2	Glue gun, complete with box (c.1 kg) of glue sticks, 230 V, 50 Hz. Two year warranty. Manufacturer: _____ Catalogue No: _____	
TECH/A/173 2	Quarter litre (250 cm ³) oilcan. Manufacturer: _____ Catalogue No: _____	
TECH/A/174 1	Single phase, double wound, transformer with earth metallic screen between windings. Mounted in robust carrying case. Input 230 V, 50 Hz. Output 110 V in 2 x 16 A sockets to CEE 17. Rating: 2 kVA. Unit to comply with Safety, Health and Welfare at Work (General Application) Regulations (1993). Two year warranty. Manufacturer: _____ Catalogue No: _____	

Section 2: Electronics and Systems & Control Technology		
Code Quantity	Descriptions & Specifications	Cost €
TECH/A/201 1	Educational electronics teaching kit capable of allowing for the demonstration of a range (c.20) simple electronic circuits/systems such as fire alarm and motor controllers. Kit to be accompanied with associated guides/texts, and suitable for use with a class group of students. Manufacturer: Catalogue No:	
TECH/A/202 24	Electric soldering iron, extra fine tip for electronics, complete with stand and sponge, c.15-30 W, 220-240 V Two year warranty. Manufacturer: Catalogue No:	
TECH/A/203 4	Temperature controlled electric soldering iron/station, complete with stand and cleaning sponge, c.50 W, 220-240 V Two year warranty. Manufacturer: Catalogue No:	
TECH/A/204 25	Miniature electronics tool kit, to contain tools such as pliers, snips, wire strippers and screwdrivers, in appropriate case. Manufacturer: Catalogue No:	
TECH/A/205 6	Helping-hands for soldering work Manufacturer: Catalogue No:	
TECH/A/206 6	LT variable voltage power supply unit, overload protection. Performance (approx.): DC – 0-25 V (no load) and 24V (8 A load) AC – 0-25 V (no load) and 24V (8 A load) Two year warranty. Manufacturer: Catalogue No:	
TECH/A/207 2	De-soldering pump, portable type. Manufacturer: Catalogue No:	
TECH/A/208 12	Digital multi-meter, auto-ranging frequency measurement, capacitance measurement and transistor test. Voltage a.c and d.c – c.5 ranges each from 200 mV x 100 µV to 600 V x 1 V Current a.c and d.c – c.4 ranges each from 2 mA x 1 µA to 10 x 10 mA Resistance – c.6 ranges from 200 R x 0.01 R to 20 M x 10 K Capacitance – c.5 ranges from 2000 pF x 1 pf to 20 µF 10 nF Frequency – c.5 ranges from 2 kHz x 1 Hz to 20 MHz x 100 kHz Diode test Continuity test Transistor test NPN and PNP Two year warranty. Manufacturer: Catalogue No:	
TECH/A/209 2 2 2	Single core wire, diameter, c.1.2 mm x c.100 m length, to include: Black reels Red reels Blue reels Manufacturer: Catalogue No:	
TECH/A/210 2 2 2	Stranded wire, diameter, c.1.4 mm x c.100 m length, to include: Black reels Red reels Blue reels Manufacturer: Catalogue No:	
TECH/A/211 1	Extra flexible stranded wire, diameter, c.2.8 mm x c.100 m length, to include: Red; Black	

	Manufacturer:	Catalogue No:	
TECH/A/212	Ribbon cable reel of wire, e.g., 20-way rainbow, c.25 m length.		
1	Manufacturer:	Catalogue No:	

Code Quantity	Descriptions & Specifications	Cost €
TECH/A/213 50	Cable Mounting Sockets 20 way	
	Manufacturer: _____ Catalogue No: _____	
TECH/A/214 10	Pack of c.10 crocodile clip leads.	
	Manufacturer: _____ Catalogue No: _____	
TECH/A/215 100 100 100 100	Pack/kit of 4 mm plugs and sockets, to include:	
	4mm Plug Red 4mm Socket Red 4mm Plug Black 4mm Socket Black Manufacturer: _____ Catalogue No: _____	
TECH/A/216 40 40 40 40 40 40 300	Pack/kit of battery holders and clips, to include:	
	2XAA 4XAA 2XC 4XC 2XD 4XD PP3 battery snaps Manufacturer: _____ Catalogue No: _____	
TECH/A/217 5 1000 1000 1000 1000 1000	Pack/kit of micro-miniature electrolytic capacitors, to include, Variety capacitor kit suitable for simple electronic circuit building	
	100µF 16v 220µF 16v 470µF 16v 1000µF 16v 2200µF Manufacturer: _____ Catalogue No: _____	
TECH/A/218 5 2000 1000 2000 1000 1000 1000 1000 1000 1000 1000	Pack/kit of resistors, to include: Variety resistor kit suitable for simple electronic circuit building	
	270R 1K 2K2 4K7 10K 22K 33K 100K 150K 1M Manufacturer: _____ Catalogue No: _____	
TECH/A/219 100 100 100 100 100 100 50	Pack/kit of potentiometers, to include:	
	1K LIN 2200K LIN 10K LIN 47K LIN 100K LIN 1M LIN 100K LIN dual control (stereo) Manufacturer: _____ Catalogue No: _____	
TECH/A/220 5 500 1000 1000	Pack/kit of preset potentiometers, to include: Variety preset potentiometer kit suitable for simple electronic circuit building	
	10K 22K 100K Manufacturer: _____ Catalogue No: _____	

TECH/A/221 80 80 20	Miniature motors, to include: High torque miniature motor, 3-6 V High power, 12 V motor Solar motor	
	Manufacturer:	Catalogue No:
TECH/A/222 1 200	Motor mount (e.g., self-adhesive) to suit miniature motors detailed in TECH/A/320.	
	Manufacturer:	Catalogue No:
TECH/A/223 10	Miniature multi-ratio gearbox and motor (clearbox motor), assembled OR in kit form, motor to operate on c.1.5-4.5 V power supply.	
	Manufacturer:	Catalogue No:
TECH/A/224 10	Miniature worm drive gearbox with motor, assembled or in kit form, motor to operate on c.1.5-4.5 V power supply.	
	Manufacturer:	Catalogue No:
TECH/A/225 1000	MES lamp (bulb), 6 V/60 mA, commercial grade.	
	Manufacturer:	Catalogue No:
TECH/A/226 1000	MES lamp (bulb) holder, solder tags at base.	
	Manufacturer:	Catalogue No:
TECH/A/227 1000	MES lamp (bulb) holder, spring loaded contact, fixing centres: c.23 mm.	
	Manufacturer:	Catalogue No:
TECH/A/228 100 100 100	Pack/kit of assorted colours MES lamp holders, to include: Red Green Orange	
	Manufacturer:	Catalogue No:
TECH/A/229 500 500 500 500 3000 500 500 40	Pack/kit of assorted standard 5mm LED's and clips, to include: Red Yellow Green Flashing 5mm bezel panel clips (one piece). Silicone rectifier diode IN4001 1A, 50V max. Silicone rectifier diode IN5401 3A, 100V max Seven segment LED display, common cathode, c.13 mm	
	Manufacturer:	Catalogue No:
TECH/A/230 300	Light dependent resistor (ORP 12 specification)	
	Manufacturer:	Catalogue No:
TECH/A/231 500 10	Pack/kit of assorted sizes of strip-board, to include: 25 mm x 64 mm 119 mm x 455 mm	
	Manufacturer:	Catalogue No:
TECH/A/232 50	Pack/kit of breadboard, to include: 400 Tie points	
	Manufacturer:	Catalogue No:
TECH/A/233 50 50 50 50	Pack/kit of miniature relays, to include: DPDT 5A SPDT 5A SPDT 10A DPDT 8A	
	Manufacturer:	Catalogue No:

Code Quantity	Descriptions & Specifications	Cost €
TECH/A/234 100 100	Pack/kit of NTC thermistors, to include: 5 k ohm 2700 ohm Manufacturer: _____ Catalogue No: _____	
TECH/A/235 600 300 200 200 100	Pack/kit of general purpose transistors, to include: ZTX321 NPN specification BC108 NPN specification BFY51 NPN specification BC109 NPN specification TIP121 Darlington NPN specification Manufacturer: _____ Catalogue No: _____	
TECH/A/236 100 50 50 30 30 30	Pack/kit of linear integrated circuits (ICs), to include: 555 Timer 741 Op Amp 3140 Op Amp 556 7400 7490 Manufacturer: _____ Catalogue No: _____	
TECH/A/237 50 50 200 50	Pack/kit of miniature speakers, for example: 8 ohm 64 ohm Buzzer, 6 V (leads) Miniature piezo buzzer Manufacturer: _____ Catalogue No: _____	
TECH/A/238 150 150 100 200 200 200 100 50 10 50 50 50	Pack/kit of miniature switches, to include: Miniature toggle SPST Miniature toggle SPDT Miniature rocker Standard slide DPDTCO Push to make Push to break Push latching Tilt switch (mercury) Reed switch with magnets Microswitch button Microswitch lever Microminiature microswitch lever Manufacturer: _____ Catalogue No: _____	
TECH/A/239 100	Pack/kit of miniature thyristors, to include: TIC106D specification Manufacturer: _____ Catalogue No: _____	

Code Quantity	Descriptions & Specifications	Cost €
TECH/A/240 100	Control knobs, to fit c.6 mm shaft Manufacturer: _____ Catalogue No: _____	
TECH/A/241 10	Low-fume / colophony free solder, 500 g / 22 swg (0.71 mm) Manufacturer: _____ Catalogue No: _____	
TECH/A/242 2	Multiple drawer storage cabinets, plastic drawer type, wall mountable, c.60 drawer unit size. Manufacturer: _____ Catalogue No: _____	
TECH/A/243 24	Multi-compartment boxes (e.g., plastic type), suitable for storing of electronics circuits / components. Manufacturer: _____ Catalogue No: _____	
TECH/A/244 10 10 10 10 10 10 10	Pack/kit of accessories suitable for electronics work (i.e., push-fit directly to miniature motor shafts): Pack of c.10 plastic wheels, various diameter sizes (e.g., 30 mm – 70 mm) Pack of c.10 plastic propellers, c.100 mm diameter, 2 or 3 blades. Pack of c.10 2 mm steel shafting Pack of c.10 3 mm steel shafting Pack of c.10 miniature pulleys, various diameter sizes (e.g., 8 mm to 25 mm) Pack of c.10 plastic gears, various diameter sizes (e.g., 15 mm to 40 mm) Pack of c.10 miniature worm gears Manufacturer: _____ Catalogue No: _____	
TECH/A/245 2	PCB Drill and stand set complete with power supply output of drill 12 V to 18 V. Chuck capacity 0.6 mm to 3.2 mm. Input of power supply unit 220 V to 240 V Two year warranty. Manufacturer: _____ Catalogue No: _____	
TECH/A/246 1	Set of Control technology teaching kits. Kits to simulate control of manufacturing processes (e.g. conveyor, sorter, pick and place) and/or examples of control technology used in society (e.g. Car park barrier, lifts, sliding doors). Kit to be accompanied with associated guides/texts, and suitable for use with a class group of students. Manufacturer: _____ Catalogue No: _____	
TECH/A/247 24	Microcontroller board. Minimum specification of board to include 5 inputs & 8 outputs incorporating 8 LED outputs, 1 seven segment display, piezo sounder, 1 servo 3 pin header, darlington driver on 4 outputs and 2 motor drivers. To include a switch to disable/enable seven segment display, LEDs, piezo sounder and stepper motor control. All outputs rated at 5 V, 600 mA max. Appropriate power supply and download cable. Manufacturer: _____ Catalogue No: _____	
TECH/A/248 1	Robotic control technology teaching kit. Kit to simulate a range of robotic control applications. Kit to be accompanied with associated guides/texts and suitable for use with a class group of students. Manufacturer: _____ Catalogue No: _____	
TECH/A/249 1	Electro-pneumatic teaching kit and suitable air compressor. Capable of allowing for the demonstration of a range of circuits/systems. Kit to be accompanied with associated guides/texts and suitable for use with a class group of students. Manufacturer: _____ Catalogue No: _____	

TECH/A/250 1	Pneumatic system construction and simulation software to include library of standard pneumatic symbols; educational site licence for min. 25 users.	
	Manufacturer:	Catalogue No:
TECH/A/251	Electronics construction and simulation software; educational site licence for min. 25 no. users.	
	Manufacturer:	Catalogue No:
TECH/A/252 1	Control system design, programming, simulation software, compatible with micro-controller boards TECH/A/247; educational site licence for min. 25 users.	
	Manufacturer:	Catalogue No:
TECH/A/253 1	Moved	
	Manufacturer:	Catalogue No:
TECH/A/254 1	Printed Circuit Board design and create software; educational site licence for min. 25 users.	
	Manufacturer:	Catalogue No:
TECH/A/255 1	Project management software for project planning, scheduling and simulation. Educational site licence for min. 25 users.	
	Manufacturer:	Catalogue No:

Section 3: Drawing/Design		
Code Quantity	Descriptions & Specifications	Cost €
TECH/A/301 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 0° and 20°, with rubber tractor grip to facilitate overhanging of table edge.	
	Manufacturer: _____ Catalogue No: _____	
TECH/A/302 A 25	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	
TECH/A/302 B 25	Stainless steel T-square with fixed light cast aluminium head, brushed blade with low reflectance.	
	Manufacturer: _____ Catalogue No: _____	
TECH/A/303 24	Set squares, 45°, plastic type	
	Manufacturer: _____ Catalogue No: _____	
TECH/A/304 24	Set squares, 60°, plastic type	
	Manufacturer: _____ Catalogue No: _____	
TECH/A/305 1 set	Blackboard instruments comprising: compass, c.500 mm approx. with steel point; 60° set square, heavy duty plastic type, c.500 mm side; 45° set square, heavy duty plastic type, c.500 mm side with hand clasp; protractor, heavy duty type, c.425 mm side; rule, bevelled edge, 1 metre long, with metric graduations, heavy-duty type.	
	Manufacturer: _____ Catalogue No: _____	

Section 4: Structures/Mechanisms		
Code Quantity	Descriptions & Specifications	Cost €
TECH/A/401 12	Low cost construction set/kit, capable of allowing for the construction of models of various structures and mechanisms, e.g., bridges, towers, model automobiles, etc. A number to include appropriate power supply units. Manufacturer: _____ Catalogue No: _____	
TECH/A/402 3 3 3 3 3 3	Pack/set of plastic gear wheels suitable for model building, preferably of the brass hub-type, to include: Pack c.10 12 teeth Pack c.10 18 teeth Pack c.10 30 teeth Pack c.10 58 teeth Pack c.10 bevel gear Pack c.10 worm gear Manufacturer: _____ Catalogue No: _____	
TECH/A/403 3 3 3	Pack/set of pulley's suitable for model building, preferably of the brass-hub type, to include: Pack of c.10 pulley's c.20 mm diameter Pack of c.10 pulley's c.40 mm diameter Pack of c.10 pulley's c.60 mm diameter Manufacturer: _____ Catalogue No: _____	
TECH/A/404 10 10	Pack of shafting/shaft converters to suit TECH/A/501 and TECH/A/502, to include: Pack of shaft converters (e.g., 6 mm to 4 mm and/or 4 mm to 2 mm) Pack of shafts (e.g., 6 mm and/or 4 mm shafts) Manufacturer: _____ Catalogue No: _____	
TECH/A/405 20 20 10 10	Pack/set of plastic/wooden wheels suitable for model building/construction work, to include: Pack plastic c.10 wheels c.60 mm diameter Pack plastic c.10 wheels c.50 mm diameter Pack wooden c.10 wheels c.25 mm diameter Pack wooden c.10 wheels c.50 mm diameter Manufacturer: _____ Catalogue No: _____	
TECH/A/406 1 1 1 1 1 1	M3 screws and nuts: Box M3 screws 6 mm Box M3 screws 12 mm Box M3 screws 20 mm Box M3 screws 25 mm Box M3 nuts Box M3 washers Manufacturer: _____ Catalogue No: _____	
TECH/A/407 1 1 1 1 1 1	M4 screws and nuts: Box M4 screws 6 mm Box M4 screws 12 mm Box M4 screws 20 mm Box M4 screws 25 mm Box M4 nuts Box M4 washers Manufacturer: _____ Catalogue No: _____	
TECH/A/408 2	Box of art straws Manufacturer: _____ Catalogue No: _____	

Section 5: Health and Safety Equipment		
Code Quantity	Descriptions & Specifications	Cost €
TECH/A/501 24	Non-mist safety goggles, full ventilation, for use over spectacles, kite marked to BS 2092. Manufacturer: _____ Catalogue No: _____	
TECH/A/502 24	Student apron, suitable for workshop use. Manufacturer: _____ Catalogue No: _____	
TECH/A/603 12	Lightweight safety spectacles with fully adjustable side frames and clear side shields, fitted with replaceable lens to BS 2092. Manufacturer: _____ Catalogue No: _____	
TECH/A/504 12	Clearways face shields with adjustable headbands. Full facial and eye protection while operating machine tools, forging, heating and melting of metals, etc. Kite marked to BS 2092. Manufacturer: _____ Catalogue No: _____	
TECH/A/505 6	Pair Gloves for materials handlings, abrasion and cut resistant; oil, grease and dirt repellent. Manufacturer: _____ Catalogue No: _____	
TECH/A/506 12	Fume displacement unit, replaceable filter type, bench mounted, 230 V, 50 Hz. Manufacturer: _____ Catalogue No: _____	
TECH/A/507 1	First aid cabinet, wall mounted type, size: c.240 x c.370 x c.100 mm - with hinged door, complete with appropriate first aid kit. Manufacturer: _____ Catalogue No: _____	
TECH/A/508 2	Ear Defenders: headband and ear cup type. To be supplied complete with two sets of renewable sealing rings and to conform/be tested to EN352/BS 5108. Attenuation of 20 dB required. Manufacturer: _____ Catalogue No: _____	
TECH/A/509 1	Soft soap/hand barrier cream dispenser, rechargeable type, suitable for wall mounting. Manufacturer: _____ Catalogue No: _____	
TECH/A/510 1	Roll of hand paper, 200 mm wide, on roller stand. Manufacturer: _____ Catalogue No: _____	

Note: Equipment to be commissioned and training provided where appropriate. Where servicing is required during the warranty period then the cost should be included in the tender price.

**Equipment for Technology List A
FIVE SECTIONS**

Section	Code Quantity	Descriptions & Specifications	Total Cost €:
Section 1	TECH/A/101-174	General Workshop Equipment/Tools.	
Section 2	TECH/A/201-255	Electronics	
Section 3	TECH/A/201-305	Drawing/Design	
Section 4	TECH/A/401-408	Structure/Mechanisms	
Section 5	TECH/A/501-510	Health and Safety Equipment	
Add for VAT : €			
Total Amount for TECH/A List: €			

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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 and in the Request for Tenders (RFT).

I/We hold a current tax clearance certificate.

Company: _____

Signed: _____ **Date:** _____

Position: _____