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AGUS SCILEANNA | AND SKILLS

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**Construction Studies/Architectural
Technology/ MT Wood**

**Construction Studies – AT List B
Equipment List & Specifications**

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 & 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.

Section 1: Machine Tools		
Code Quantity	Descriptions & Specifications	Cost €
<p><i>Notes: Details of warranty for each item should be supplied and accompanied by a statement of service support and likely applicable charges.</i></p> <p>Equipment to be commissioned and training provided where appropriate.</p>		
AT/B/101 1	<p style="text-align: center;">ONE ITEM ONLY PER SCHOOL - SEE TECH/B/117</p> <p>CNC 3-axis Training Router. Bench top with enclosed work area. Operating footprint minimum 575 mm x 325 mm in X-Y plane; capacity to machine a minimum of 110 mm of light materials such as light alloys, wood and plastic using multiple passes. Spindle speed 10-25 krpm. Feed Rate c.5000 mm/min, 3D profiling c. 4500 mm/min. Spindle Motor c. 1.3 kw. Connection for dust extraction for dust and shavings from cutting area. Machine to be supplied complete with operating system, 2D & 3D controlling software compatible with file format for PCB production. Fourth axis attachment. Appropriate tooling package and accessories for standard operating to be included. 230 V, 50 Hz supply.</p> <p>Note: Details of specification of computer required to operate to be furnished to school.</p> <p>Manufacturer: _____ Catalogue No: _____</p>	
AT/B/102 1	<p>Bandsaw, Floor-standing, tiltable, c.400 mm x 400 mm table, blade length c.3000 mm - max. width 19 mm. Cutting height 150 mm - 300 mm, cutting width 300 mm - 400 mm. Blade guard, no-volt release switch, c. 1.5 kW, 3 phase, 50 Hz.</p> <p>Manufacturer: _____ Catalogue No: _____</p>	
AT/B/102 2	<p>Scroll Saw, 450 mm, with tilt table, variable speed motor, sawdust blower, workpiece hold-down and blade guard attachment. Motor c.120-200 W, 230 V.</p> <p>Manufacturer: _____ Catalogue No: _____</p>	
AT/B/103 1	<p>Mortice Machine Floor-standing hollow-chisel , c.12.5 mm adjustable chuck, to take chisels as below, c. 1 kW, 3 phase, 50 Hz.</p> <p>Manufacturer: _____ Catalogue No: _____</p>	
AT/B/104 1	<p>Set of 5 hollow mortice chisels comprising - 1/6 mm ; 1/10 mm; 1/12 mm; 1/15 mm; 1/18 mm</p> <p>Manufacturer: _____ Catalogue No: _____</p>	
AT/B/105 2	<p>Wood Turning Lathe, c.400 W (0.5 HP), floor-standing with faceplate, c.610 mm between centres, 2 Bar bed, variable speed (c.450-2000 rpm)</p> <p>Manufacturer: _____ Catalogue No: _____</p>	
AT/806 2	<p>Combination Chuck</p> <p>Manufacturer: _____ Catalogue No: _____</p>	
AT/B/107 2	<p>Drilling Machine, floor-standing pedestal complete with fitted drill chuck, key and chuck guard. 2 kW, 380V 3 phase, 50 Hz.</p> <p>Manufacturer: _____ Catalogue No: _____</p>	

AT/B/108 1	Belt/Disc, Floor-mounted Sander. Table c.400 mm x 200 mm. Belt length c.1500 mm x 120 mm, c.200 mm disc diameter. c.400 W, 230 V, 50 Hz. Note: To have its own dust extraction system. Not to be connected to a Central System.	
	Manufacturer: _____ Catalogue No: _____	
AT/B/109 1	Double-ended Pedestal Grinder, 250 mm diameter, medium and coarse grit, with tool rests and eye shields.	
	Manufacturer: _____ Catalogue No: _____	
AT/B/110 1	Edge Bander, c.500 mm	
	Manufacturer: _____ Catalogue No: _____	
AT/B/111 1	Vacuum forming machine, bench top model, cut sheet size min. 250 mm x min. 450 mm. Electrics – 230 V, 50 Hz.	
	Manufacturer: _____ Catalogue No: _____	
AT/B/112 1	Thermoplastic sheet Strip Heater, 110 V 50Hz 500 mm suitable for bending thermoplastic sheets up to c.6 mm thick.	
	Manufacturer: _____ Catalogue No: _____	
AT/B/113 1	Heat Gun, 12/24/110 V 50 Hz Variable-setting	
	Manufacturer: _____ Catalogue No: _____	
AT/B/114 1	Polystyrene Hot Wire Sculptor Cutter, c. 500 mm, 110/230 V, 50 Hz 500 mm cutter. Voltage through wire c.8 V.	
	Manufacturer: _____ Catalogue No: _____	

Equipment for Architectural Technology ONE SECTION			
Section	Code	Descriptions & Specifications:	Total Cost €
Section 1	AT/B/101-114	Machine Tools	
		Total :	€
		Add for VAT :	€
		Total Amount for AT/B List:	€

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Certificate of Compliance with Standards, Specifications and 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: _____