



An Roinn Oideachais
Department of Education

Physical Education

Equipment List, Specifications and Tendering Guidance

Tendering Guidance

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

1. Utilise existing procurement arrangement with suppliers/service providers where available
2. 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.
3. 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.
4. 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).
5. Suppliers may not be able to provide the full range of goods listed. In this case they should be requested to quote only for sections where they can supply all items in that section.
6. 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.
7. All quotations must be excluding VAT with the VAT highlighted separately.
8. Contact the School Procurement Unit or your ETB for further specific guidance.

Section 1 - Physical Education Lab

Code Quantity	Description and Specification	Cost (€) & Warranty Offered
PE/LAB/101 3	Adjustable weight benches. Incline/ Decline Bench has ten possible angles from -10° to + 85°, with an auto adjusting seat and handles and wheels for portability. Height 460mm, Length 1520mm, Depth 695mm. Weight 40kg.	
	Manufacturer: Catalogue No.:	
PE/LAB/102 1	Horizontal rubber dumbbell set (in 2.5kg increments from 2.5kg-25kg with Rubber cover, Chrome handles) with a storage rack (space for 10 pairs of dumbbells with individual cradles. Offset angle prevents strain when removing and replacing dumbbells. Dimensions: 244 x 66 x 73cm).	
	Manufacturer: Catalogue No.:	
PE/LAB/103 3	Indoor spin bikes (EN957-10 European Standard for accuracy and safety. Integrated Technology and ability to transmit to multiple Bluetooth® devices at once; transmitting activity data to a device and the ability to send the information to the class projection system and any other Bluetooth® device required).	
	Manufacturer: Catalogue No.:	
PE/LAB/104 3	Linear concept 2 rowing machines (Nickel-plated steel chain Chain/Cord Housing, Partially enclosed Monitor PM5, Takes two D cell batteries. The monitor draws power from the spinning flywheel to extend battery life. Tested at 500 lb (227 kg). Testing Standard EN 20957-7. Aluminium front legs, steel rear legs. Monitor Arm is ABS plastic. Pivots for storage and to adjust monitor height. Monitor angle can also be adjusted, Bluetooth connectivity).	
	Manufacturer: Catalogue No.:	
PE/LAB/105 1	Olympic weight tree and a full set of Olympic weights.	
	Manufacturer: Catalogue No.:	
PE/LAB/106 1	Semi recumbent bike (magnetic resistance technology, smooth, quiet, stair climbing motion from a comfortable recumbent position, a fully adjustable seat that swivels and a very low (3"/76mm) step through height between the seat and pedals, a foot plate to supports the angular position of the foot through the full pedalling stroke, an upper body resistance system for a low impact full body workout and to include foot and leg stabilizers and wrist straps).	
	Manufacturer: Catalogue No.:	
PE/LAB/107 3	Treadmills (console display, Bluetooth/wifi connectivity, Activity Zone Control featuring quick keys for Cool Down, Start, Stop and Fan Speed plus Fingertip controls for speed and incline, Speed Range from 0.8-25Km/h (0.5 – 15 mph), Incline Range from 0-15%, impact absorption system provides the ultimate cushioned running feel for all users, a wide running surface of 22" and a low profile step height of 8.5", operation noise as low as 73db, a rust-resistant undercoat and a reversible deck. This allows for a greater life span and a PVC anti-slip side stripe also provides further safety and security. The maximum user weight is 180kg).	
	Manufacturer: Catalogue No.:	
PE/LAB/108 1	Upright Medicine Ball Rack (10 Ball Rack measures: Height: 1600mm x Length 560mm x Depth 480mm).	
	Manufacturer: Catalogue No.:	
PE/LAB/109 1	10 medicine balls, (1kg x 2, 2kg x 2, 3kg x 2, 4kg x2, 5kg x2).	
	Manufacturer: Catalogue No.:	

PE/LAB/110 n/a	Wall mounted, full length gym mirror – made to measure.		
	Manufacturer:	Catalogue No.:	
PE/LAB/111 1	One large, wall mounted rig with four Olympic weight lifting stations and associated Olympic weight lifting platforms.		
	Manufacturer:	Catalogue No.:	
PE/LAB/112 2	Two wall mounted mat racks.		
	Manufacturer:	Catalogue No.:	
PE/LAB/113 30	Show-me boards, A3 size, gridded, with dry-wipe pens and eraser.		
	Manufacturer:	Catalogue No.:	
PE/LAB/114 30	Step Aerobics set.		
	Manufacturer:	Catalogue No.:	
PE/LAB/115 1	Exercise Bag with all wall fixings.		
	Manufacturer:	Catalogue No.:	
PE/LAB/116 4	Gymnastics duo trainers trx.		
	Manufacturer:	Catalogue No.:	
PE/LAB/117 3 sets	Safety squat bars (built from heavy duty 120mm x 60mm Nickel Plated, Custom crafted adjustable bar hooks with 2 point locking system, bar hooks shatter-proof. A 50mm HDPE centre-piece, two 6mm steel, laser cut and nickel plated brackets. Safety spot arms included – adjustable into 7 positions. Squat stands feature lip at front edge to prevent bar roll off/ HDPE inserts on the safety spot arms prevent bar damage. Fully portable – 2 nylon wheels and grab on each stand.		
	Manufacturer:	Catalogue No.:	
PE/LAB/118 3	Olympic bars (brushed steel finish, premium grade bearing. Length 2200mm, 28mm grip, Weight 20kg, Yellow, high visibility end cap) and Olympic bar stand.		
	Manufacturer:	Catalogue No.:	
PE/LAB/119 1	Rubber Olympic discs (coloured, 2.5kg up to 20kg).		
	Manufacturer:	Catalogue No.:	
PE/LAB/120 1	Rubber Dumbbells, 2.5-25kg (2.5kg increments / 10 pairs).		
	Manufacturer:	Catalogue No.:	
PE/LAB/121 6 of each weight	10 pair vertical dumbbell rack.		
	Manufacturer:	Catalogue No.:	
PE/LAB/122 1	Olympic rubber plate set.		
	Manufacturer:	Catalogue No.:	
PE/LAB/123 2 sets	Kettlebells (a cast iron handle and bell with a covered base to protect the floor and kettlebell. Colours for identification, Neoprene cover, Handle girth between 9.5 and 11.5cm, a set of weights from 4kg – 25kg).		
	Manufacturer:	Catalogue No.:	
PE/LAB/124 1 rack	Kettlebell rack, three tier, Rubber covered shelves protect kettlebells and reduce noise, Height 1180mm x Length 15600mm x Depth 600mm.		
	Manufacturer:	Catalogue No.:	
PE/LAB/125 30	Exercise gloves for the exercise bag.		
	Manufacturer:	Catalogue No.:	
PE/LAB/126 30	Exercise mats and two vertical exercise mat racks.		
	Manufacturer:	Catalogue No.:	

PE/LAB/127 2 sets	Soft Plyometric boxes (A set of ranging from 76mm to 609mm in height and stacked together up to a height of 1600mm, boxes are attached together with strong fastening straps, a high density foam and covered with hard wearing, non-skid vinyl).		
	Manufacturer:	Catalogue No.:	
PE/LAB/128 1	Sit and reach box with activity card.		
	Manufacturer:	Catalogue No.:	
PE/LAB/129 1	Hand grip dynamometer (Measuring Range: 0 to 100 kg. Minimum Measurement Unit: 1 kg. Display: Scale plate. Dimensions: Approx. 154(W) 235(D), 59(H) mm. Weight: Approx. 0.62Kg.)		
	Manufacturer:	Catalogue No.:	
PE/LAB/130 1	BMI scales - The tread area is covered with grooved natural rubber, 150kg capacity.		
	Manufacturer:	Catalogue No.:	
PE/LAB/131 1	Step test kit and software (a sub-maximal, multi-stage heart rate aerobic capacity test, Chester Test Software CD* with two audio tracks Chester Test Resource Manual and data sheets).		
	Manufacturer:	Catalogue No.:	
PE/LAB/132 30	Pedometers (Slim, modern design Practical belt clip, Integrated Bluetooth module for wireless data transfer, Compatible to several iOS and Andoird Smartphones and Tablets as well as PC's, steps and covered distance, 35-day memory function, Large, easy-to-read display, Step length, time and date adjustable.		
	Manufacturer:	Catalogue No.:	
PE/LAB/133 15	Heart rate monitors (polar FT1 Heart Rate Watch with Chest Strap, Shows heart rate on large and easy-to-read display, manual heart rate target zone, displays a summary of your latest workout, one-button start and coded heart rate transmission, Shows heart rate on large and easy-to-read display and includes watch features.		
	Manufacturer:	Catalogue No.:	
PE/LAB/134 15	Sensory Ball Pack.		
	Manufacturer:	Catalogue No.:	
PE/LAB/135 15	Kurling/Bocce set.		
	Manufacturer:	Catalogue No.:	
PE/LAB/136 15	Kurling/Bocce target.		
	Manufacturer:	Catalogue No.:	

Section 2 - Physical Education Hall

Code Quantity	Description and Specification	Cost (€) & Warranty Offered
PE/HALL/201 20	Light weight Flame Retardant Gymnastic Mats. 1830 mm x 1220 mm x 32 mm to comply with standard, specification & flame retardant to EU standards. Crosslink foam, or polyethylene foam, is required. Must have an Anti-slip base. Compliant with European Standard NF-EN 12503. With hook and loop attachment strips around the outside. Designed for vertical or horizontal storage.	
	Manufacturer: Catalogue No.:	
PE/HALL/202 2	Horizontal Mat Trolley. For Lightweight Flame Retardant Gymnastic Mat. Tubular steel construction c/w side frames and pulling handle. Accepts 15 lightweight mats (PE/HALL/201). Four Non-marking 100 mm x 25 mm ball rack mounted swivel castors. Brakes on castors on 2 diagonally opposite corners. Framework finished with epoxy powder coated paint.	
	Manufacturer: Catalogue No.:	
PE/HALL/203 2	Safety Mats for use with vault and springboard.	
	Manufacturer: Catalogue No.:	
PE/HALL/204 3	Springboard, In curved plywood with built-in reinforcement. With two soft springs. No cushioning layer. Height = 23 cm. Weight = 22 Kg. Dim. = 120 x 60 x 23 cm. Transport wheels. Anti-slip feet. Coils springs.	
	Manufacturer: Catalogue No.:	
PE/HALL/205 10	Wooden Balance Bench. Wooden 3 m, to comply with requirements of I.S. EN 913. Hooks at one end.	
	Manufacturer: Catalogue No.:	
PE/HALL/206 2	Foam Vaulting Box. Each of the sections is made from dual density foam, with a harder area on top for stability. Anti-slip base. Carrying handles. Hook and loop linking system. Comprises 4 sections which can be detached and used separately. Allows for possible heights: 30, 60, 90 and 120 cm.	
	Manufacturer: Catalogue No.:	
PE/HALL/207 1	Balance beam. PVC top layer. Several beams can be joined together with Velcro system. Central alignment line. Dims : 250 x 24 x 8 cm. Anti Slip underside. Width of use = 15 cm. Density 180 kg/m ³ . Weight = 8kg.	
	Manufacturer: Catalogue No.:	
PE/HALL/208 2	Large wedge modules. made from dual density foam, with a harder area on top for stability. Anti-slip base. Carrying handles. Hook and loop linking system.	
	Manufacturer: Catalogue No.:	
PE/HALL/209 2	Cartwheel mat. Made from dual density foam, with a harder area on top for stability. Anti-slip base. Carrying handles. Hook and loop linking system.	
	Manufacturer: Catalogue No.:	
PE/HALL/210 1 set	High Jump Stand & 2 Circular Laths Secondary school high jump mat set Stand: Lightweight alloy uprights, fractional adjustment slider, metric scale. Adjustment to 2300 mm. Laths: High Jump, 4m fibreglass, circular shape. Suitable for use in Schools-consists of 3 separate modules. Connected together to form a 5m x 2.5m x 510mm landing area. Each module is only 2.5m x 1.66m x 510mm. ~ 35kg. Comes with cut-outs for HJ Stands. To include a 50mm thick Spike Mat to bring the total height up to 560mm. BS EN 12503:2013 for Physical Properties.	
	Manufacturer: Catalogue No.:	

PE/HALL/211 4	Table Tennis Tables, with bats and balls. Regulation size. Top of 22 mm high density chipboard. Additional hardwood edge frame 50 mm x 22 mm. To comply with I.S. EN 14468-1: 2005 and I.S. EN 14468-2: 2005 Type B School and Club Sports. Folding and wheel away design.		
	Manufacturer:	Catalogue No.:	
PE/HALL/212 1	Handheld megaphone.		
	Manufacturer:	Catalogue No.:	
PE/HALL/213 6	Aluminium Starting Block (with Spikes & Pins).		
	Manufacturer:	Catalogue No.:	
PE/HALL/214 1 rack	Starting Block Rack on wheels (capacity 10 blocks minimum for PE/HALL/213).		
	Manufacturer:	Catalogue No.:	
PE/HALL/215 1	Safe Race Starter Clapper.		
	Manufacturer:	Catalogue No.:	
PE/HALL/216 1 set	Training Hurdles (686, 762, 838, 914, 991, 1067mm adjustable).		
	Manufacturer:	Catalogue No.:	
PE/HALL/217 2	Hurdle Trolley (For 10 x Hurdles minimum for PE/HALL/217).		
	Manufacturer:	Catalogue No.:	
PE/HALL/218 1	High Jump Mat with PVC Rain Cover (for the 3 modules high jump mat).		
	Manufacturer:	Catalogue No.:	
PE/HALL/219 1	High jump - Elastic Foam Bar.		
	Manufacturer:	Catalogue No.:	
PE/HALL/220 1	4m High Jump Competition Cross Bar.		
	Manufacturer:	Catalogue No.:	
PE/HALL/221 1	Wooden Rake (for sandpit).		
	Manufacturer:	Catalogue No.:	
PE/HALL/222 1	Schools All Wood Take Off Board.		
	Manufacturer:	Catalogue No.:	
PE/HALL/223 1	Plasticine (min 1kg in total).		
	Manufacturer:	Catalogue No.:	
PE/HALL/224 2 of each weight	Competition Javelin: 400 g -800g (Steel head) - quality aluminium construction with steel head.		
	Manufacturer:	Catalogue No.:	
PE/HALL/225 1 pack	Indoor Plastic Javelin - 325gm. Pack of 5.		
	Manufacturer:	Catalogue/Model No.:	
PE/HALL/226 1 of each weight	400g -800g Javelin Balls.		
	Manufacturer:	Catalogue/ No.:	
PE/HALL/227 1	Javelin Trolley with wheels (Min capacity of 8).		
	Manufacturer:	Catalogue No.:	
PE/HALL/228 1	Javelin Trolley with wheels (Min capacity of 8).		
	Manufacturer:	Catalogue No.:	
PE/HALL/229 1	Rubber Discus - 1kg (for Indoor or Outdoor).		
	Manufacturer:	Catalogue No.:	
PE/HALL/230 1	Discus - 0.75k (Steel rim with Durable Plastic Sides).		
	Manufacturer:	Catalogue No.:	
PE/HALL/231 1	Discus - 1kg (Steel rim with Durable Plastic Sides).		
	Manufacturer:	Catalogue No.:	

PE/HALL/232 1	Discus - 1.5kg (Steel rim with Durable Plastic Sides).		
	Manufacturer:	Catalogue No.:	
PE/HALL/233 1	Discus - 1.75kg (Steel rim with Durable Plastic Sides).		
	Manufacturer:	Catalogue No.:	
PE/HALL/234 1	Discus Trolley with wheels (min capacity 16 discs).		
	Manufacturer:	Catalogue No.:	
PE/HALL/235 1 of each weight	Turned Iron or Steel Shot Put - 2.72kg – 6kg.		
	Manufacturer:	Catalogue No.:	
PE/HALL/236 1 of each weight	Indoor Shot Put- 2.72kg – 6kg.		
	Manufacturer:	Catalogue No.:	
PE/HALL/237 1	Shot Put Trolley with wheels (min capacity 15).		
	Manufacturer:	Catalogue No.:	
PE/HALL/238 6	Aluminium Relay Batons.		
	Manufacturer:	Catalogue No.:	
PE/HALL/239 1 of each	Fibreglass Open Measuring Tape (30M, 50M &150M).		
	Manufacturer:	Catalogue No.:	
PE/HALL/240 1	120m Safety barrier system (Safety area for sectioning off areas eg. javelin area).		
	Manufacturer:	Catalogue No.:	
PE/HALL/241 2	Waterproof Clipboard - A4 Landscape.		
	Manufacturer:	Catalogue No.:	
PE/HALL/242 2	Vertical Jump Scale Tip-2-Tip (e.g. Eveque).		
	Manufacturer:	Catalogue No.:	
PE/HALL/243 1	Standing Long Jump Testing mat (e.g. Eveque Intermediate Metromat).		
	Manufacturer:	Catalogue No.:	
PE/HALL/244 1	Mapping and Survey work: OCAD Orienteering Map Software.		
	Manufacturer:	Catalogue No.:	
PE/HALL/245 30	Orienteering Compasses: Silva and Moscow.		
	Manufacturer:	Catalogue No.:	
PE/HALL/246 60	Control Flags.		
	Manufacturer:	Catalogue No.:	
PE/HALL/247 6 packs	Coded Punches.		
	Manufacturer:	Catalogue No.:	
PE/HALL/248 6	Control cards.		
	Manufacturer:	Catalogue No.:	
PE/HALL/249 6	Pool Throw Bags.		
	Manufacturer:	Catalogue No.:	
PE/HALL/250 2	Torpedo Buoy & Sleeve – Std.		
	Manufacturer:	Catalogue No.:	
PE/HALL/251 1	Windsock.		
	Manufacturer:	Catalogue No.:	
PE/HALL/252 1	Red Safety Flag.		
	Manufacturer:	Catalogue No.:	
PE/HALL/253 1	Red/yellow safety flag.		
	Manufacturer:	Catalogue No.:	

PE/HALL/254 6	Throw line.		
	Manufacturer:	Catalogue No.:	
PE/HALL/255 2	Rookie Training pole.		
	Manufacturer:	Catalogue No.:	
PE/HALL/256 2	Rescue Manikin.		
	Manufacturer:	Catalogue No.:	
PE/HALL/257 1	Signage - No Running		
	Manufacturer:	Catalogue No.:	
PE/HALL/258 1	Signage - No Jumping		
	Manufacturer:	Catalogue No.:	
PE/HALL/259 30	Floats - square.		
	Manufacturer:	Catalogue No.:	
PE/HALL/260 30	Floats - spaghetti.		
	Manufacturer:	Catalogue No.:	
PE/HALL/261 1 set (1 each end of the hall)	Ceiling Mounted Basketball Unit – Electrically Operated with Brake Cable Safety Device. To Standard I.S. EN 1270. To comply fully with the Standards and Specifications above, in particular in relation to Rigidity while in use.		
	Note 1: It is imperative that the structural steelwork is in place prior to the fitting of a false ceiling or other structure preventing the access to the roof structures.		
	Note 2: The PE Equipment Supplier must ensure that adequate inspection of the drawings and of the site is carried out and that the price quoted is inclusive of any additional structural steel that may be required.		
	Ceiling Mounted Basketball Unit		
	Electrically Operated with Brake Cable Safety Device. To European Standard EN 1270. Electric motor complete with Enclosed Limit Switches at both extremities of travel.		
	Structural steelwork in roof (provided by PE Equipment Supplier): Usually 80 mm x 40 mm box section or equal approved but if span is greater than 5m a composite beam made from 2 No. 40 mm x 40 mm rails separated by 200 mm to 300 mm is required for adequate rigidity (or equal approved by the design team).When the structure is in the playing positions, the horizontal and vertical movements shall be in accordance with the FIBA regulations.		
	Hanging steel frames made from 40 mm x 40 mm x 2 mm box section, a single arm 100mm round tube, telescopic tubing or equal approved. If the drop length is greater than 4 m, a composite beam is required as above. The requirement to comply with I.S. EN 1270 will determine the design criteria and in particular in relation to the horizontal and vertical movement of the frame when subjected to the playing loads.		
	This steelwork can be installed after the handing over of the building to the client as long as access to the roof girders is not made impossible by gable walls or false ceilings or other structure or fitting. In particular, the positioning of radiant panels must be carefully selected to suit the Basketball Goal design.		
	This work should be co-ordinated between the Design Team, the Main Contractor and PE Equipment Supplier.		

PE/HALL/261 1 set (1 each end of the hall)	The PE Supplier should consult the roof drawings before submitting tenders. Backboard: 1800 mm x 1050 mm made from 12 mm Perspex. Must include a backing frame to transfer the load from the ring back through the board to prevent the Perspex cracking. Must include a spring loaded ring, breakaway load at 105 kg I.S. EN 1270 Standard, which allows the ring to deflect approximately 30 degrees and return to normal when the load is removed. Safety padding, screw on type, to be fitted to the base of the board and up the sides by 300 mm. Brake Cable Safety Device: This safety device is approved for the ceiling suspended goal and imposed by the Standard – I.S. EN 360. Cable Model for high ceilings. Automatic cable winding and unwinding. Braking at 200 mm to protect against impact in the event of goal cable system falling. Fastening by safety snap hook. Electrical Services Required (provided by others): <u>Basketball</u> Motorised Ceiling Basketball goals at each end. The control Key Switches for these units will be in the Store room or the Instructors office and therefore all necessary wiring to be fitted to allow the units to be operated safely Provide 2 off 65 x 65 x 50 mm boxes and associated key operated switches, for connection to the motors provided by the PE equipment Supplier. The switch boxes should be positioned so that it is possible to observe the operation of both basketball units from the switching position. Provide a four core plus earth cable from the above boxes to roof level for both ceiling mounted units. Each motor for the units has a rating typically not exceeding 250 W. The PE Equipment Supplier to supply a circuit diagram.	
PE/HALL/262 2 sets (4 backboards across the PE hall)	Standard: IBBA and I.S. EN 1270: 2005 Set 1200 mm x 900 mm x 19 mm Plywood Backboards to specification complete with solid steel rings and nets, mounted on 600 mm extension brackets. Units to comply with IBBA and I.S. EN 1270:2005 Standard. Markings on the board shall be as for the main basketball board in relation to the size of the inner rectangle, the width of the lines and the distance from this inner rectangle to the bottom of the board. Sideways folding as standard.	
PE/HALL/263 2	Scoreboards • A dedicated 13 amp single phase 220 V, 50 Hz supply for the main scoreboard (and shot clocks, if the school opts for shot clocks). • A circuit diagram to be supplied by the PE Equipment Supplier. • A further 4 core cable to be supplied and fitted from the Scoreboard to both shot clocks at 6m from ground floor level. It is the responsibility of the Main Contractor to arrange the supply of the first fixings as required by PE Equipment Supplier. Final connections from spur outlets to scoreboard and shot clocks, together with the commissioning of the controllers and the connections to both basketball motors will be carried out by the PE Equipment Supplier.	

PE/HALL/263 2	Lighting fittings: Should be positioned as not to interfere with the operation of the basketball units and in particular to allow the units to fold flat in the UP position. Radiant Panels: As above. N.B. Adequate inspection of the drawings and site visits is assumed. Price to include all necessary structural steelwork in the roof.	
PE/HALL/264 6	<u>Fitting of Ground Anchors</u> Fitting of ground anchors shall be carried out in conjunction with the Flooring Contractor using the following guidelines:- Where timber floors are laid without careful control of temperature and humidity, then the anchors should not be fitted for many weeks or longer after the floor is laid. Periodic measurements should be taken to monitor movement and anchors should only be fitted after all movements have ceased. Anchors, which are finished flush with the finished floor level, should only be used when the timber floor is considered stable. In all other cases, the anchors should be finished below the level of the timber strip and a suitable cover (minimum of 5 mm thick) be used to conceal the anchor. Anchors in solid concrete floors should be fitted, where possible, before the final floor covering is laid in order to avoid drilling the slab afterwards and destroying the adhesive bond in the vicinity of the drilled hole.	
PE/HALL/265 2 posts, 20 balls	Club/School Volleyball Posts and volleyballs. System to comply with I.S. EN 1271:2004. Type 2, Class C. Extruded section Aluminium posts with slide system to suit all regulation heights; 2.10 m, 2.24 m, 2.35 m and 2.43 m. Posts fit into T-bases with castors for easy transport. System anchored to ground using 12 mm J- bolt with steel hand knob for tightening into ground anchor or in accordance with manufacturers' instructions (or equal approved by the Department of Education and Skills). Anchor 60 mm o.d. 160 mm deep into slab (or equal approved by the Department of Education and Skills) and manufactured from stainless steel and with integral dust cover. Net: 9.75 m x 915 mm with Steel headline and bound at top.	
PE/HALL/266 4 sets of posts, 30 racquets and shuttlecocks	Badminton Posts, nets, racquets (titanium, 91g frame, 665mm length.) and shuttlecocks (man- made base, yellow). To comply with I.S. EN 1509 Type 3: 2003 Posts: Portable with integral counterbalance weights, tubular steel 50 mm uprights, wheel away base. To include the supply of wall brackets for storage. To Club standard as defined by the Badminton Association of England. Net: 6.1 m long x 760 mm depth, 19 mm mesh cotton headband.	

PE/HALL/267 2 goals and 15 indoor soccer balls	5-a-side indoor soccer Goals, Nets and indoor soccer balls. Portable 3.66 m wide x 1.2 m high x 1.22 m deep. Folding flat complete with nets. Goals are mild steel 50 mm O.D. 2.0 mm wall, epoxy powder coated white finish. To include the supply of wall storage brackets. Wall anchors at ground level to be fitted to ensure goals cannot fall over during use.		
	Manufacturer:	Catalogue No.:	
PE/HALL/268 30 sticks and 15 indoor hockey balls.	Hockey Goals & Nets. For Indoor and outdoor use. 3 m x 2 m x 1 m. The crossbars and uprights are made from 50 mm square steel and are supplied with synthetic net hooks. Complete with 45 mm square mesh x 3 mm gauge nets. Net Supports and rubber tyre non-marking wheels, which automatically retract when back frames are folded. Complete with non-marking floor pads and moisture resistant backboards, 457 mm x 18 mm painted green for match use. To comply with I.S. EN 750.		
	Manufacturer:	Catalogue No.:	
PE/HALL/269 1	Boccia lawn set, wooden core.		
	Manufacturer:	Catalogue No.:	
PE/HALL/270 1	General PE Equipment Trolley: Steel and heavy guage mesh for durability and strength. Epoxy powder coated for scratch resistance and durability. Fitted with large swivel castors, including two brake wheels. Arrives fully welded and assembled.		
	Manufacturer:	Catalogue No.:	
PE/HALL/271 1	Hockey stick storage rack.		
	Manufacturer:	Catalogue No.:	
PE/HALL/272 1 rack	Hoop rack.		
	Manufacturer:	Catalogue No.:	
PE/HALL/273 30	Kangaroo balls.		
	Manufacturer:	Catalogue No.:	
PE/HALL/274 6	Agility ladders.		
	Manufacturer:	Catalogue No.:	
PE/HALL/275 3 sets of 20	Superspace markers.		
	Manufacturer:	Catalogue No.:	
PE/HALL/276 1 set	Pelmanism.		
	Manufacturer:	Catalogue No.:	
PE/HALL/277 6 sets	Flat round markers, 10 of each colour.		
	Manufacturer:	Catalogue No.:	
PE/HALL/278 3	Speed bounce mat.		
	Manufacturer:	Catalogue No.:	
PE/HALL/279 1	Tennis racquet rack.		
	Manufacturer:	Catalogue No.:	
PE/HALL/280 4	Mini tennis net.		
	Manufacturer:	Catalogue No.:	

PE/HALL/281 1	Divisional Net c/w Hanging Bag. Net: Width and height (determined by size of hall) , lower section 2 m green canvas, remainder in 22 mm K-K green mesh nylon netting. All best quality knotless nylon, corded top and both sides with 50 mm protective canvas, band at bottom with wall bag. Lanyards, for ease of adjustment. To be fitted at appropriate centres across the full width of Hall. . Flame retardant canvas and netting. Note: Larger mesh size is not suitable as it will allow the penetration of shuttles etc. to adjacent courts. Trackway: To comply with BS 1892-2.11: 1989 Extruded aluminium section. Length determined by size of hall. Complete with levelling hangers, trolleys, net clips and fixings. Trackway to be rigidly fixed in such a way that no vertical or horizontal movement is possible. Note: Normally the net is suspended underneath a central main roof structural steel member which is accessible and not obstructed by light fittings and radiant panels. Roof drawings should be made available to PE Supplier to confirm that this is so.	
PE/HALL/282 1 per court, 30 racquets, 1 bucket of mini tennis balls, 1 bucket of full tennis balls.	Tennis nets, posts, racquets and balls supplied to the number of outdoor courts. On wheels so they can be used indoors, outdoors or used on all weather pitches. Suitable for indoor and outdoor use, these freestanding tennis posts engineered using 80mm box section aluminium. Must be easily portable. The base requires 4 retractable castor wheels, which allows for easy-transportation across any tennis court surface, with non-scratch rubber feet. The tennis posts should have complete 360° movement.	
	Indoor Line Marking For proper co-ordination of court marking and equipment it is desirable that the same supplier be chosen for both to avoid any misunderstandings. The court markings should be complete prior to the final sealing coats (where appropriate) are applied to the floor. School Management Authorities should tender and select a PE Equipment Supplier in sufficient time for this to be achieved. It will be necessary that the PE Equipment Supplier liaises with the Design Team and the Main Contractor to ensure that the court markings. All Floors: Compatibility test between floor and line marking paint required before work commences are complete at the correct time. Painting of lines to manufacturers instructions using paint which is compatible with the sports floor surface. Seven courts required as follows:- 1 Main Basketball 4 Badminton 1 Volleyball 1 5-A-side 1 Indoor hockey pitch 1 Olympic handball court Total of 8 Courts	
PE/HALL/283 2	Rebounder nets. 2400mm x 3600mm (8ft x 12ft) Steel frame (42mm galvanised & powdered coated steel tubes - 20 pieces). 1435mm x 450mm x 150mm. 46kg.	

Section 3 - Outdoor Court

Code Quantity	Description and Specification	Cost (€) & Warranty Offered
PE/OUTD/301 (Schools to choose 10 stations best suited to their needs.)	Outdoor Equipment Adjacent to the Hard Ball Courts or located along a walkway as chosen by the school. 23 - station combi or separate units depending on the school site. 1. Abs benches 2. Weights bench 3. Monkey bars 4. Snake bar 5. Balance beam 6. Cross trainer 7. Walker 8. Fitness rider 9. Bicycle 10. Rower 11. Shoulder flexor 12. Leg press 13. Standing rotator 14. Shoulder extension 15. Lat pull down 16. Chest press 17. Back massager 18. Stepper 19. Waist extension 20. Dip bars 21. Chin up bars 22. Abs curl 23. Body twist	
	Manufacturer: Catalogue No.:	
PE/OUTD/302 1	Longjump sand pit and run up.	
	Manufacturer: Catalogue No.:	
PE/OUTD/303 2	Shot putt concrete throwing circle and landing area.	
	Manufacturer: Catalogue No.:	
PE/OUTD/304 1	All weather running track around the perimeter of the width the option to spread the outdoor gym equipment along the walkway or to keep it in one centralized location.	
	Manufacturer: Catalogue No.:	
PE/OUTD/305 Number depending on the number of courts.	Outdoor markings: • 5-a-side soccer • Basketball • Tennis • Athletics • Olympic handball • Ultimate Frisbee	
	Manufacturer: Catalogue No.:	
PE/OUTD/306 Number depending on the number of courts.	Outdoor soccer goals and basketball hoop as part of an integrated MUGA (multi use games areas).	
	Manufacturer: Catalogue No.:	

Section 4 - Digital Technologies

Code Quantity	Description and Specification	Cost (€) & Warranty Offered
PE/TECH/401 6	In schools with 1000 pupils, there can be up to 6 Physical Education teachers. There is a requirement for 6 devices plus a teacher laptop in the PE hall and the PE lab. Tablet devices • 9-10 inch screen • 16 GB internal storage • The device may have a slot to increase memory • 1080P HD camera • Screen resolution of 1920 x 1200 Tablet devices must be able to run one of the following operating systems: • Android version 6.0 (Marshmallow) or newer • iOS 8.1 or newer • Windows 10 or newer This minimum specification is based on the capacity to run entry level media creation/editing software and basic word processing, presentation and spreadsheet processing software. The hardware required by each school to support uploading material from the digital devices is as follows: • 2x 4TB External Drives • USB Hub/Multiport • Teacher Laptop (one in the PE hall and one in the PE lab) with a minimum of 11 inch screen and 32 GB internal storage • Teacher whiteboard Teacher laptop and laptop station to support Junior Cycle, Senior Cycle and Leaving Certificate teaching, learning and assessment activities: • Activity Directions • Assessment Prompts • Dance Demonstrations • Motivational Messages • Plan of the Day • Posting Heart Rates • Providing Choices of Activities • Reviewing Class Protocols • Scoreboards • Skill Assessment • Skill Demonstrations • Space Layout and Stations • Targets for Activities • Timers • Virtual Classrooms	
	Manufacturer: Catalogue No.:	

PE/TECH/402 2	Wireless, Wi-Fi enabled, Bluetooth wall hung, three networked long throw, mounted projectors in the PE hall (2*) with a metal, protective frame surround. Projector: 88" diagonal image from less than 1 meter installation distance from the surface. Brightness: 3,300 ANSI Lumens and contrast ratio of 10,000:1. Protective, metal frame – custom made by a local fabricator to CE standards. Approx. 65" LED Large Format Display for the PE Lab with dual HDMI, USB, RS232 and HDBaseT. To control the display from a smartphone or tablet. Full HD Display. Wide viewing angle of 170 degrees. Eco Friendly. Speakers: wall mounted, balanced Woven carbon fiber woofer for enhanced transient and impactful bass. High performance Silk dome tweeter for smooth treble and accurate imaging and Frequency Response: 60Hz-20kHz. Extended bass response with low distortion. Neutral and accurate sound signature with excellent vocal clarity. Compact classic design is easy to place and disappears into any room or décor. Sensitivity: 85dB 1W/1M *Two projectors in the PE hall are required so the dividing net can facilitate two lessons at the same time if required in a 1000 pupil school.	
	Manufacturer: Catalogue No.:	
PE/TECH/403 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.	
	Manufacturer: Catalogue No.:	
PE/TECH/404 6	Whiteboard, tactic boards, A2. Provided with hooks to display in the PE hall or the PE lab. Magnetic.	
	Manufacturer: Catalogue No.:	
PE/TECH/405 30	A class set of A3 show me boards for collaborative learning. Blank on one side and graph paper on the other side.	
	Manufacturer: Catalogue No.:	

Equipment for Physical Education

Section	Code	Total Costs €:
Section 1	PE/LAB	
Section 2	PE/HALL	
Section 3	PE/OUTD	
Section 4	PE/TECH	

Total (€)	
Add for VAT (€)	
Total amount for HEL 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.**

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) Fully comply with requirements in the Request for Tenders (RFT) document.
- v) Be accompanied by documentation of sufficient detail for full evaluation.
- vi) 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 and in the Request for Tenders (RFT).
I/We hold a current tax clearance certificate.

Company: _____

Signed: _____ Date: _____

Position: _____