

A. Guidance Pricing Document

					£0.00
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item	description	quantity	units	rate	Cost £....p
B.100	Contract Preliminares				
	General Description				
B.101	This document is to enable the contractor to provide costs associated with the Preliminaries for fulfilling the contract.	1	item		£0.00
	Contractual Conditions				
B.102	The total project will be let upon a design and construct basis, however, a detailed specification is provided with the tender to enable accurate comparison between tendering companies.	1	item		£0.00
	Contractor Design				
B.103	The contractor is responsible for adopting the outline design proposed within the pricing specification and developing it into a workable solution for the project. The contractor should pay particular attention to the following aspects of work which will require detailed design or coordination in order to complete the works				
	shockpad and artificial turf system design	1	item		£0.00
	fencing	1	item		£0.00
B.104	Unless detailed above, the contractor shall price the design specified within the tender. A section is provided at the end of the section for the contractor to put forward costed additional items necessary to complete the works or alternative design solutions for consideration by the client.	1	item		£0.00
B.105	Supply & erect 2m high mesh panel fencing in heavy block footings (heras type fencing) to form a site compound in the adjacent car park area. Clip panels together to secure firmly and install bracing stays to prevent the wind from blowing over the fence. Maintain this fence for the duration of the works. Remove existing fence as required to allow plant access into/out of the pitch site. Reinstate any fencing removed upon completion of the works.	100	m		£0.00
B.106	Provide and maintain construction site signage in accordance with CDM regulations for the duration of the works	1	item		£0.00
B.107	Prior to the commencement of the works, prepare & submit a photographic condition survey in conjunction with the clients' representative of the condition of the access to the site, the site, and areas adjacent to the site (and its working area). Submit copy to Employers Agent	1	item		£0.00

	B.100 Total				£0.00

item	description	quantity	units	rate	Cost £....p
B.200	Health & Safety & Insurance				
B.201	Provide Health and Safety plan for the project prior to commencement upon site. H&S plan to address all risks identified upon the site	1	item		£0.00
B.202	Provide insurance cover for the duration of the project. Employers Liability > £10m Public Liability > £10m Professional Indemnity > £1m Contract Works >£500k Documentary evidence of cover to be provided to the school prior to the commencement of the works	1	item		£0.00
B.203	The Contractor shall provide a suitably trained H&S supervisor for the project	1	item		£0.00
B.205	The contractor is to scan the site area to establish all underground and buried services. Trial holes shall be dug where necessary to identify the depths of the services and the contractor shall adapt their designs to take into account all services found within the site area.	1	item		£0.00
	B.200 Total				£0.00

item	description	quantity	units	rate	Cost £....p
B.300	Contractor Management				
B.310	Provide full time site supervisor for the duration of the works. Site supervisor to be equipped with mobile phone for contact at all times.	1	item		£0.00
B.302	Provide out of hours contact for emergencies arising upon site for the duration of the works	1	item		£0.00
B.303	Provide Welfare facilities for the site workforce, Welfare facilities to be compliant with CDM regulations. Welfare facilities to include (but not limited to) messing facilities, toilets, drying room, hot/cold water.	1	item		£0.00
B.304	Provide secure storage facility (steel storage container) for plant and degradable materials for the duration of the works	1	item		£0.00
B.305	Provide Contract Management Services as appropriate to control the works, monitor programme, provide progress reports, site quality control, control of sub contractors and attend regular meetings with the client & building contractor working upon the sports centre	1	item		£0.00
B.306	Provide all necessary security to the material and equipment being used in conjunction with the works.	1	item		£0.00
	B.300 Total				£0.00

item	description	quantity	units	rate	Cost £....p
B.400	Contract				
B.401	The contractor is to include any costs associated with the Contractual Preliminaries documentation	1	item		£0.00
B.403	The contractor is to provide costs for the following dayworks and client specified amendments to the contract specification:-				
B.404	<u>Dayworks rates</u>				
B.405	supervisor	10	hr		£0.00
B.406	tradesman	10	hr		£0.00
B.407	contract manager	10	hr		£0.00
B.403	The Contractor shall enter a percentage (in the quantity columns) to cover Overheads and Profit that they will require upon any client led amendments to the specification, unagreed rates or sub contractor additional works in each of the price bands below:-				
	Works £0 to £999 in value		%	999.00	£0.00
	Works £1,000 to £4,999 in value		%	4,999.00	£0.00
	Works £5,000 to £9,999 in value		%	9,999.00	£0.00
	Works £10,000 and over in value		%	15,000.00	£0.00
B.410	Provide control upon contract costs for the duration of the project and provide detailed breakdown of all items within interim valuations.	1	item		£0.00
	B.400 Total				£0.00

B. Preliminaries Pricing Document

item	description	quantity	units	rate	Cost £....p
B.900	Contractor Items				
B.901	The contractor is to detail below any further items that they consider necessary to complete the work but has not been priced in the document.				
	B.900 Total				£0.00

item	description	quantity	units	rate	Cost £....p
C.100	Site Clearance				
C.101	Clear pitch of all existing sports equipment and set aside in client compound adjacent to athletics track	1.00	item		£0.00
C.102	Supply all necessary plant and labour to carefully uplift existing sand dressed artificial turf. Care must be taken not to damage the shockpad layer beneath as this is to be inspected prior to its removal detailed in C.104	6,286.80	m2		£0.00
C.103	Remove the uplifted carpet and sand infill from site for disposal/recycling by a permitted waste transporter. The contractor shall supply details of the haulier and provide evidence that the receptor site has Environment Agency permit to receive/store waste materials	6,286.80	m2		£0.00
C.104	Ensure that all the sand is removed from the pitch area and surrounding footpaths following removal of the artificial carpet.	1.00	item		£0.00
C.105	Supply all necessary plant and labour to carefully uplift existing in situ shockpad.				
C.106	Remove the uplifted shockpad from site for disposal/recycling by a permitted waste transporter. The contractor shall supply details of the haulier and provide evidence that the receptor site has Environment Agency permit to receive/store waste materials				
C.107	Apply moss killer to perimeter of the pitch and paths Sweep all paths clear of detritus and dispose of material arising	1.00	item		£0.00
	C.100 Total				£0.00

item	description	quantity	units	rate	Cost £....p
C.200	Pitch Base				
C.201	The contractor shall jointly inspect the pitch base with the Employers Agent for flatness and porosity. Time should be allowed within the contractors programme for 1 days inspection period of the pitch base. The base shall be inspected for planarity to confirm whether it complies with the desired planarity standards detailed in the performance standards for the artificial turf. The porosity shall be measured using twin ring infiltrometer to ensure that the base can achieve a minimum porosity of 500mm/hr. Testing equipment will be provided by the Employers Agent.	1.00	item		£0.00
C.210	Pathways The pathways are to be retains and improved as far as possible. The contractor is to ensure that all fencing and kerbs are protected from overspray during the painting processes				
C.211	Pressure wash pathways inside fenceline and entrance path to pitch.	191.40	m2		£0.00
C.212	Apply binder paint to surface to stabilise surface of the existing bitumen macadam.	191.40	m2		£0.00
C.213	Apply Red Colour Coat paint to goal storage areas and general storage areas - colour to closely match proposed red colour for artificial turf	124.40	m2		£0.00
C.214	Apply Blue Colour Coat paint to spectator area	67.00	m2		£0.00
C.220	Team Shelters				
C.221	Carefully remove existing team shelters from foundations and move shelters from North side of ptich to South side of pitch	2.00	No		£0.00
C.222	Remove and set aside fencing at the centre of the south side of the pitch.	7.50	m		£0.00
C.223	Construct new base for team shelters around existing dividing net post Base to comprise of 600mm x 600mm x 50mm paving slabs laid on deep bed of 3:1 sand/cement onto existing car park surface. Smooth float finish to the outer perimeter to the base to provide finished face.	15.00	m2		£0.00
C.225	Re-erect fence panels around the rear of the team shelter recess. Allow for new corner posts and mesh panel sides as necessary	11.50	m		£0.00
C.226	Fit existing team shelters to new base using proprietary fixings	2.00	No		£0.00
	C.200 Total				£0.00

item	description	quantity	units	rate	Cost £....p
C.300	Synthetic Surfaces				
C.301	Performance Standards				
C.302	The completed artificial turf surface shall comply with the performance standards detailed in C.305. It is the responsibility of the contractor design to ensure that the surfaces proposed will achieve the desired performance standards at completion of the works. The specification of the proposed synthetic surfacing materials must be equal or greater than the minimum standards detailed below				
C.305	Surface Performance standards:- FIH Hockey Turf & Field Standards 2017 in particular the standards detailed in Requirements for Hockey Turf Products (pt2) and Requirements for Hockey Fields (pt3) The desired standard from these performance standards is FIH National with a Class I surface				
C.306	Usage The completed pitch will be used for a multi sport use, supporting hockey use at the highest standard. Additional football and recreation will take place on the surface Usage is estimated to average 50hrs/wk for 40 weeks/yr with a sporting split:- Hockey = 15 hrs/wk Football = 4 hrs/wk Cross Play football = 10 hrs/wk School curriculum sport = 10 hrs/wk (hockey, football, tag rugby) School recreation = 10 hrs/wk (supervised lunchtime activity) Summer use (12 weeks) is anticipated to be at 70% usage				
C.310	<u>Shockpad</u>				
C.311	Supply and install an insitu rubber crumb shockpad pitch area. Existing shockpad thickness is approx. 15mm and is an insitu type using rubber granules and polyurethane binder. The new shockpad must (in conjunction with proposed artificial turf) achieve the performance standards detailed in C.305. Installation standards as Clause C.313 & FIH Field Requirements	6,286.80	m2		£0.00
C.313	Where possible shockpad to be laid using paving machine designed for installation of polymeric layers. Flatness Tolerance= +0mm/-6mm below a 3m straight edge Flatness Tolerance= +0mm/-2mm under a 1m straight edge at joints				

	<p>Porosity >500mm/hr</p> <p>Tensile Strength >0.12MPa</p> <p>Depth of shockpad = 15mm or to contractors design solution to provide desired performance standards</p>				
C.320	<u>Artificial Grass</u>				
C.321	Supply and install Sand Dressed artificial turf to be FIH Certified and green in colour to achieve the desired minimum specification and standards set out below. Infilled with correct material in accordance with manufacturers instructions. Colour = Green	5,027.00	m2		£0.00
C.322	Supply and install Sand Dressed artificial turf to be FIH Certified and green in colour to achieve the desired minimum specification and standards set out below. Infilled with correct material in accordance with manufacturers instructions. Colour = Red	1,259.80	m2		£0.00
C.323	<u>Artificial Grass Minimum Requirements</u> <p>Pile Height: >20mm</p> <p>Pile weight: > 1500g/m2</p> <p>tuft gauge: 3/16"</p> <p>Yarn: texturised monofilament PE</p> <p>Stabilising Infill: to contractors design</p> <p>Carpet Warranty: >7 years</p> <p>FIH Certification: National Standard Class I</p>				
C.323	<u>Installation Standards</u> <p>seams must be tightly formed with no gaps in the backing between rolls</p> <p>all joints must be flat to <3mm below 0.3m straight edge</p> <p>completed pitch surface must comply with FIH Performance standards</p> <p>there should be no visible bumps under the carpet from rubber or other materials left upon the shockpad prior to installation of the carpet</p> <p>no head joints shall be designed within pitch playing area</p> <p>installation shall be warrantied by the contractore for a 5 year period against all seam failures</p>				
C.324	<u>Infill Top Up</u> <p>Where the turf supplier recommends a top up of the infill to the pitch area, the contractor shall provide a cost for a return visit within 24 month period of completion to top up the infill to the turf suppliers recommendations.</p>	1.00	item		£0.00

C.340	Line Markings <i>line marking to be based upon FIH & FA guidelines. The contractor is expected to seek formal sign off on line marking from the Employers Agent prior to installation</i>				
C.341	<u>Inlaid/Permanent Line markings - 75mm wide</u>				
C.342	Hockey Pitch - White	1.00	pitch		£0.00
C.343	Football Pitch Boxes, Tabs and Circles - Yellow	1.00	set		£0.00
C.344	Cross Play Hockey D's - Red	4.00	No		£0.00
C.345	<u>Painted Line markings - 100mm wide</u> none proposed				
C.350	Testing				
C.351	The completed shockpad shall be tested for flatness by an independent test house against the installation standards. Submit test results to Employers Agent prior to installation of the artificial turf	1.00	item		£0.00
C.352	The completed shockpad shall be tested for porosity by an independent test house against the installation standards. Submit test results to Employers Agent prior to installation of the artificial turf	1.00	item		£0.00
C.355	Prior to handover, the completed pitch shall undergo field performance testing in accordance with the FIH Field Standards (FIH Hockey Turf & Field Standards 2017: National Standard). A FIH licensed laboratory organisation must be used for this testing. Submit results to Employers Agent	1.00	item		£0.00
	The completed pitch shall be registered as an FIH Certified Pitch once performance testing has been completed. Floodlighting approval is not required	1.00	item		£0.00
	C.300 Total				£0.00

item	description	quantity	units	rate	Cost £....p
E.100	Fencing Works				
E.101	Inspect the existing fencing for missing fixings; supply and install new fixings to existing fencing as required to replace any missing fixings.	1	item		£0.00
E.102	The contractor shall complete the design for the fencing by calculating the structural loadings upon the steelwork and designing all fixing and fittings to enable the fenceline to provide a long lasting, ballstop fence				
	<u>Spectator Fencing</u>				
E.103	Supply and erect Spectator fencing to the North sides of the pitch as detailed upon drawing P/1901/03	90	m		£0.00
	Materials				
	Mesh size = 66mm x 50mm x 8mm/6mm/8mm bars				
	Mesh type = panels with galvanised and powder coated finish.				
	Mesh colour = Green (RAL6005)				
	Clips = anti tamper, anti rattle, anti net fray clips				
	Post size = 60mm x 40mm RHS, corner posts to increased section to suit contractors design				
	Post centre = 2.5m (max)				
	Post finish = galvanised + polyester powder coated				
	Post colour = Green (RAL6005)				
	Top Rail = 48mm dia				
	Installation				
	All posts to be vertical and plumb				
	All posts in line with the edge of the pitch				
	Top line of fence to be at a constant height above pitch level				
	Mesh to in the same plane as the pitchside				
	No chips to be visible in the powder coat paint				
	Reinstate tarmac around post holes with 6mm bituminous macadam compacted flat with surrounding bitumen macadam surface				
	Reinstate existing kickboard to face of new specator fence				
E.104	Supply & install 3.0m wide x 1.2m high double leaf gates into spectator fenceline at positions detailed upon drawing P/1901/03.	1	nr		£0.00
	<u>Gate Requirements</u>				

	<p>Gate to have slide bar latching mechanism with hole for locking padlocks in open and closed positions. A drop bolt shall be fitted upon both leafs of the gate. Drop bolt fixings upon gate should enable bolts to be held in up and down positions. Drop bolts to have sockets to retain leafs in closed and open positions.</p> <p>Materials</p> <p>Gate Frame & Leaf Frame = RHS steel</p> <p>Finish = galvanised + polyester powder coated</p> <p>Colour = Green (RAL6005)</p> <p>Installation</p> <p>Gates shall open outwards from pitch area</p> <p>Gates, when open, shall be able to open back flush to fenceline (180 degrees)</p> <p>Gates shall include stop bar to prevent opening into pitch area.</p> <p>Drop bolt sockets shall be inserted flush with ground level.</p>				
E.105	<p>Supply & install 1.2m wide x 1.2m high single leaf gates into spectator fenceline at positions detailed upon drawing P/1901/03.</p> <p><u>Gate Requirements</u></p> <p>Gate to have slide bar latching mechanism with hole for locking padlocks in open and closed positions. A drop bolt shall be fitted upon both leafs of the gate. Drop bolt fixings upon gate should enable bolts to be held in up and down positions. Drop bolts to have sockets to retain leafs in closed and open positions.</p> <p>Materials</p> <p>Gate Frame & Leaf Frame = RHS steel</p> <p>Finish = galvanised + polyester powder coated</p> <p>Colour = Green (RAL6005)</p> <p>Installation</p> <p>Gates shall open outwards from pitch area</p> <p>Gates, when open, shall be able to open back flush to fenceline (180 degrees)</p> <p>Gates shall include stop bar to prevent opening into pitch area.</p> <p>Drop bolt sockets shall be inserted flush with ground level.</p> <p><u>Pitch Divider</u></p>	2	nr		£0.00
E.106	<p>Supply and replace existing 3m high dividing net. Pitch divider to divide the pitch in half.</p> <p>Dividing net to comprise of 50 x 50 x 3mm polypropylene black netting. Net to include weighted bottom rope</p> <p>Supply and install new ring fastenings for net to catenary wire</p> <p>Supply and install new catenary wire</p>	1	nr		£0.00

	<u>Kickboards</u>				
E.110	Remove and dispose of existing kickboards	340	m		£0.00
E.111	Supply and install new kickboards to bottom of the fenceline Kickboards shall be 250mm x 50mm treated sawn softwood timber. Contractor should note that brackets are not fitted to existing posts and method of securely fixing the kickboard to the mesh will be required. This shall be designed by the contractor	344.8	m		£0.00
	E.100 Total				£0.00

item	description	quantity	units	rate	Cost £....p
G.100	Detox Area Works A Detox area is to be constructed inside the single gate at the pitch entrance <i>Please refer to drawing P/1901/01</i> The detox area is to enable the pitch users to clean their feet prior to entering onto the pitch surface.				
G.101	Supply and install Flexi-Brush entrance matting system (available from Jaymart Rubber & Plastics, Warminster), size 1830mm x 915mm	2	No		£0.00
G.102	Supply and install 3m x 1.83m artificial turf mat onto bitumen macadam surface	5.49	m2		£0.00
G.103	Supply and install rubber transition edge from substrate level to finished detox mat level. Fasten transition edge securely to substrate	24	m		£0.00
G.105	Supply and install Harrod BWP-017 socketed premier boot wiper - 1.75m long. Include for casting concrete foundations in the ground to receive sockets	2	No		£0.00
	Rule Board				
G.110	Supply and erect a 841mm x 596mm aluminium rule board. Rule boards to be titled with pitch name, logo, and to detail the rules of the facility that must be adhered to. The board may contain the contractor and turf manufacturer name in bottom 100mm of board.	2	nr		£0.00
	G.100 Total				£0.00

item	description	£.....p	£.....p
	Tender Page Summary		
A	Tender Guidance	£0.00	£0.00
B	Preliminaries		
	B.100	£0.00	
	B.200	£0.00	
	B.300	£0.00	
	B.400	£0.00	
	B.500	£0.00	
	B.900	£0.00	
	Sub Total		£0.00
C	Pitch		
	C.100	£0.00	
	C.200	£0.00	
	C.300	£0.00	
	Sub Total		£0.00
D	<i>not used</i>		
E	Fencing Works		
	E.100	£0.00	
	Sub Total		£0.00
F	<i>not used</i>		
G	Detox Area		
	G.100	£0.00	
	Sub Total		£0.00
	Total (excl VAT) carried forward to Form of Tender		£0.00
OI	Options Repairs & modifications to fencing in lieu of Fencing works detailed in item E <i>not included in tender total</i>	£0.00	£0.00

O.1	Pitch Base Repairs				
O.101	Break and remove substandard areas of pitch base to full depth of construction. Replace with new materials comprising of geotextile membrane, 400mm low fines sub base stone, 20kN geogrid, 40mm open graded bituminous macadam				
	areas of repair from 1m2 to 99m2 (rate only)	1	m2		
	areas of repair from 100m2 to 499m2 (rate only)	1	m2		
	areas of repair from 500m2 upwards (rate only)	1	m2		
O.2	Equipment				
	Goals shall be of high quality and designed to last a long time, Suitable equipment is manufactured by Harrod (UK) of Lowestoft				
	Football Goals				
O.201	3G portable self weighted aluminium goals suitable for synthetic surfaces.				
O.202	11v11, 7.32m x 2.44m Senior size Folding Goals with 3m projection inside pitch fenceline (Harrod Ref FBL-435)	2	nr		
O.203	4mm nets for the above goals (Harrod Ref FBL-017)	2	nr		
O.204	7v7, 3.66m x 1.83m youth size folding goals (Harrod Ref FBL-439)	4	nr		
O.205	4mm nets for the above goals (Harrod Ref FBL-367)	4	nr		
	Hockey Goals				
O.210	Integrally weighted portable goals for hockey				
O.211	London 2012 Hockey Goals Green self weighted roller goals (Harrod ref HOC-159)	4	nr		
O.212	Nets for the above goals (Harrod ref HOC-158)	4	nr		
	Corner Flags				
H.109	supply and erect portable corner flags pole and base (HOC-060 & HOC061)	4	nr		
H.110	supply and install PVC foam 2 colour diagonal stripe corner flag HOC-063	4	nr		
O.3	Maintenance				
O.302	Supply turf supplier approved pitch maintenance equipment to facilitate the regular maintenance of the pitch in accordance with the terms of the warranty offered for the artificial turf	1	item		

O.303	Undertake specialist maintenance services to the pitch in the period 12 months after Practical Completion. Services to be undertaken in October, February, May and July. Maintenance procedures are expected to clean the pitch surface and decompact the infill to restore the pitch to an 'as new' condition	4	visits		
O.305	Undertake all maintenance services to the pitch. The anticipated usage is detailed in C.306 and based upon this use, the contractor shall provide all maintenance to the pitch surface to retain the performance standards detailed in C.305. The cost provided shall include for repeat FIH testing at 2 year interval with the final test being conducted at the end of the 6 year period.	6	years		
O.4	Fencing				
O.401	Cover kickboards detailed in E.III in sand dressed artificial turf Turf to be fixed to face & top of the boards.	344.8	m		

YOSC Dimensions

dimensions to be checked upon site by the contractor

Existing Pitch

Overall Length	101.4 m
Overall width	63 m
Area	6388.2 m ²

Ex.Artificial Grass

Length	101.4 m
width	62 m
Area	6286.8 m ²

Field of Play

Length	91.4 m
width	55 m
Area	5027 m ²

Ex.Internal Path

Ends	0 m
Sides	1 m
Path Area	101.4 m ²

Goal Storage

Length 1	15 m
Width 1	5 m
Length 2	7.5 m
Width 2	2 m
Area 1	75 m ²
Area 2	15 m ²

Detox Area

length	5 m
width	3 m
area	15 m ²

Spectator area

Ends	52 m
Sides	1 m
Area	52 m ²
Length 2	7.5 m
Width 2	2 m
Area	15 m ²
total area	67 m ²