

Bill of Quantities

Braunstone Sports Pavilion

Dated: 23 February 2018

Ref	Description	Quantity	Units	Rate	Value
A	DEMOLITIONS AND ALTERATIONS				
	DEMOLITION				
	NOTE: Demolition of the existing clubhouse may only be undertaken after completion of the new pavilion. the contractor is to allow for all costs in association with this sequence requirement				
	<u>Demolition; clearing site of all structures down to the underside of the lowest floor slabs together with all slabs on the ground, access steps, wall foundations, column bases etc.; removing all debris from site</u>				
	Existing buildings, pitched tiled or slated roof; 150 mm reinforced concrete floor slabs; overall:				
	complete		item		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	<u>SUBSTRUCTURE</u>				
	EXCAVATING AND FILLING				
	<u>Excavating starting at natural ground level or reduced ground level</u>				
A	Excavating top soil to be preserved average depth: 150 mm	408	m2		
B	Excavating to reduce levels, maximum depth not exceeding: 0.25 m	31	m3		
C	Excavating trenches to receive foundations exceeding 0.30 m in width, maximum depth not exceeding: 1.00 m	102	m3		
D	Working space allowance to excavations trenches	207	m2		
	<u>Earthwork support</u>				
E	To opposing faces not exceeding 2.00 m apart, maximum depth not exceeding: 1.00 m	339	m2		
F	Cordek HeaveGuard to one side of excavation, faces not exceeding 2.0 m apart; depth not exceeding: 1.00 m	55	m2		
	<u>Disposal</u>				
	Disposal of water				
G	surface water		Item		
H	ground water		Item		
I	Disposing of excavated material by removing from site: generally	193	m3		
	<u>Surface treatments</u>				
J	Levelling and compacting bottoms of excavations	163	m2		

To Collection:

Ref	Description	Quantity	Units	Rate	Value
A	Cordek Cellcore HX B: 155 mm thick; 600 mm wide <u>Imported hardcore filling</u>	173	m		
B	Filling to form blinding layer to floor void; compacting: average 75 mm thick <u>Surface treatments</u>	408	m2		
C	Levelling and compacting: bottoms of excavations in trenches and the like PILING - CONTINUOUS FLIGHT AUGER <u>Concrete piling</u>	104	m2		
D	Allow for the complete design and installation of piling to substructures all as shown on drawings E625 CHG-00-GF-DR-S-0001 Rev T01 60910 200 T01 complete		item		
E	Allow for: excavating test pits and reinstatement; allow for inspection by Structural Engineer	2	nr		
F	bringing to site, maintaining on site and subsequently removing from site, all plant required by this section of work		item		
G	piling mat		item		
H	cutting off tops of 300 mm diameter piles IN SITU CONCRETE CONSTRUCTION GENERALLY <u>Grouting in cement mortar (1:2); temporary supports; forming triangular fillets at edges</u>	40	nr		
I	Under stanchion bases 50 mm thick: not exceeding 600 x 600 mm	1	m2		

To Collection:

Ref	Description	Quantity	Units	Rate	Value
A	<u>Reinforced concrete</u> Grade C28/35; minimum cement content 280 kg/m ³ ; filled into formwork, laid on 155 mm Cordek (measured separately) ground beams	62	m ³		
	FORMWORK FOR IN SITU CONCRETE				
B	<u>Formwork to foundation and beds</u> Edges and faces of foundations, ground beams and beds: 500 - 1000 mm high	346	m		
	<u>Formwork to form mortices for holding down bolts</u>				
C	Tapering mortices formed in plywood: 100 x 100 mm on surface, tapering to 25 x 25 mm at bottom and 300 mm deep	24	nr		
	REINFORCEMENT FOR IN SITU CONCRETE				
	<u>Hot rolled deformed high yield steel bars BS 4449, supplied cut, bent and labelled</u>				
D	Bent bars in any position: generally to ground beams	6.048	tonne		
	PRECAST/COMPOSITE CONCRETE DECKING				
	<u>Prestressed precast concrete beam and block floor; in situ concrete 30.00 N/mm² - 10 mm aggregate in filling at wall abutments; cement and sand (1:6) grout brushed in between beams and blocks</u>				
E	155 mm thick suspended slab at ground level; 440 mm x 215 mm x 100 mm blocks; horizontal: beams at maximum 400 mm centres	391	m ²		
	BRICK/BLOCK WALLING				
	<u>Facing bricks; Ibstock Aldridge Smooth Red A0376A; in gauged mortar (1:2:9); flush pointing as the work proceeds</u>				
F	Walls, Stretcher bond; facework one side: 102.5 mm	21	m ²		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	<u>Thermalite Trenchblocks face size 440 x 215 mm; in gauged mortar (1:2:9)</u> Walls: solid blocks, thickness: 100 mm ACCESSORIES/SUNDRY ITEMS FOR BRICK/BLOCK/ STONE WALLING <u>Forming cavities</u> In hollow walls:	182	m2		
B	125 mm wide; building in Ancon Staifix RT2 250 mm general purpose wall ties at 750 mm centres horizontally and 450 mm centres vertically (reduce to 300 mm vertically within 225 mm from all openings) <u>Anderson Xtra-Load Elite high performance polymeric damp proof course; 100 mm laps sealed with contact adhesive; in cement mortar (1:3) pointing where exposed</u>	153	m2		
C	Horizontal damp proof course: not exceeding 225 mm wide <u>Air bricks, ventilating gratings and soot doors; building in to prepared openings; pointing with cement mortar (1:3)</u>	35	m2		
D	Terracotta air bricks, square hole pattern: 215 x 65 mm	89	nr		
E	periscope sleeve FLEXIBLE SHEET TANKING/DAMP PROOFING <u>500 gauge polythene sheet</u>	89	nr		
F	Single layer with 150 mm side and end laps; laid: horizontally	391	m2		
G	vertically; 200 - 400 mm girth	260	m		

To Collection:

Ref	Description	Quantity	Units	Rate	Value
	<u>1200 gauge polythene sheet</u> Single layer with 150 mm side and end laps; laid: A horizontally 391 m2 B vertically; 200 - 400 mm girth 260 m C horixontally forming cavity tray; 450 mm girth 91 m SUNDRY INSULATING/PROOFING WORK/FIRE STOPS <u>Celotex FR5000 rigid insulation board; laid on precast concrete beam and block floor</u> Horizontal: D 150 mm thick 377 m2 Vertical: E 150 mm wide 91 m				

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	ROOF				
	CARPENTRY/TIMBER FRAMING/FIRST FIXING - ROOF AND STRUCTURAL TIMBER				
	<u>Trussed rafters, ceiling joists, binders, collars, valleys, ridges and sundry loose make up timbers stress graded, pressure impregnated Harlows Timber or similar</u>				
A	BS 5268 part 3; (see drawing no. 7209-05-003 B2): design and supply complete FIX ONLY Trussed rafters, ceiling joists, binders, collars, valleys, ridges and sundry loose make up timbers		item		
B	complete END OF FIX ONLY <u>Posi-joists</u> Fixed to underside of trussed rafters:		item		
C	304 mm deep <u>Sawn softwood, treated</u> Tilting fillets:	681	m		
D	38 x 75 mm Pitched roof members including ceiling joists:	54	m		
E	50 x 100 mm	45	m		
F	75 x 100 mm <u>Wrought softwood</u> Gutter boards to eaves:	54	m		
G	225 mm wide x 22 mm thick Boarding to eaves and verges, fascias and barge boards:	54	m		
H	250 mm wide x 9 mm thick <u>Chipboard to BS 5669; flooring grade</u> Boarding to floors; butt joints:	97	m		
I	22 mm	26	m2		

To Collection:

Ref	Description	Quantity	Units	Rate	Value
A	<u>Plywood BS 5268 PT2 WBP BB/BB exterior grade</u>	30	m		
	Boarding to valleys: 150 mm wide: 25 mm				
B	<u>Carpenter`s metalwork</u>	46	nr		
	Galvanised steel standard restraint straps; 50 x 2.5 mm section with staggered 6 mm diameter holes; fixing to softwood with screws: 810 mm long				
C	PLAIN ROOF TILING	538	m2		
	<u>Marley Eternit concrete tiles; 38 x 25 mm treated sawn softwood battens</u>				
D	Roof covering to minimum pitches recommended by the manufacturer, laid to 77 mm lap: 267 x 333 mm tiles: Ashmore Interlocking Double Plain; Smooth Grey	53	m		
	Extra over for Marley Interlocking Dry Verge System; moulded PVCu units; fixing with annular ring shank nail to battens:				
E	left hand or right hand verge to tiles laid with 77 mm lap: Ashmore Interlocking Double Plain	44	m		
	Extra over for Marley Dry Ridge System; PVCu batten section each side nailed to roof timbers; PVCu ridge unions at each tile joint; PVCu ridge filler pieces both sides to match tile pattern:				
F	ventilating ridge		item		
	Penetrations				
G	allow for penetrations for the installation of framing for photovoltaic panels array (overall 40 nr panels each size 1600 x 1000 mm)	538	m2		
	<u>Underslating with 150 mm laps, secured with battens</u>				
	Hyload slaters felt to BS 747 Type 1F: standard				

To Collection:

Ref	Description	Quantity	Units	Rate	Value
A	LEAD SHEET COVERINGS/FLASHINGS	2	nr		
	<u>Lead code No 4; Milled lead sheet BS 1178; fixing with tinned copper clips, brass screwed and copper nails</u>				
	Collars around pipes, standards and the like; burned on; dressing around pipes; binding with copper wire: not exceeding 50 mm diameter: 100 mm high				
B	<u>Lead Code No 5; Milled lead sheet BS 1178; fixing with tinned copper clips, brass screwed and copper nails</u>	30	m		
	Linings to: valleys; average girth: 400 mm				
C	PAINTING/CLEAR FINISHING - WOODWORK - EXTERNALLY	81	m2		
	<u>Prepare, knotting, stopping; one coat wood primer, two undercoats and one coat gloss finish</u>				
	General surfaces: over 300 mm girth				
D	not exceeding 300mm girth	43	m		
E	SUNDRY INSULATING/PROOFING WORK/FIRE STOPS	538	m2		
	<u>Vapour barriers</u>				
	1000 guage, taped to underside of trusses: sloping; over 300 mm wide:				
F	<u>Insulation; Knauf</u>	440	m2		
	Loftroll 40: glass mineral wool quilt laid over ceiling joists				

To Collection:

Ref	Description	Quantity	Units	Rate	Value
	RAINWATER PIPEWORK/GUTTERS				
	<u>Gutters and fittings; PVCu, BS EN 12200-1:2000</u>				
	Fixing with standard brackets				
A	100 mm nominal half round eaves gutters	54	m		
B	Extra over for stopped ends	8	nr		
C	Extra over for 90 degree angles	2	nr		
D	Extra over for outlets	6	nr		
	<u>Rainwater Pipes and fittings; PVCu, BS EN 12200-1:2000</u>				
	Fixing with standard brackets vertically to masonry				
E	68 mm nominal size pipes	18	m		
F	Extra over for bends	12	nr		
G	Extra over for offsets, 300 mm projection	6	nr		
	<u>Leaf guards</u>				
	Linear gutter guards; fixing with clips:				
H	for 100 mm diameter gutter	54	m		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	EXTERNAL WALLS				
	BRICK/BLOCK WALLING				
	<u>Facing bricks; Ibstock Aldridge Smooth Red A0376A; in gauged mortar (1:2:9); flush pointing as the work proceeds</u>				
	Walls, Stretcher bond; facework one side: 102.5 mm	115	m2		
B	<u>Facework quoins</u>				
	Sunk; 100 mm girth	10	m		
C	<u>Precast concrete blocks, BS 6073, natural aggregates, compressive strength 7 N/mm2, face size 440 x 215 mm; in gauged mortar (1:2:9)</u>				
	Walls:				
	solid blocks, thickness: 100 mm (outer leaf)	177	m2		
D	solid blocks, thickness: 100 mm (inner leaf)	244	m2		
E	solid blocks, thickness: 100 mm (inner leaf); fair face one side	48	m2		
F	ACCESSORIES/SUNDRY ITEMS FOR BRICK/BLOCK/ STONE WALLING				
	<u>Forming cavities</u>				
	In hollow walls: 125 mm wide; building in Ancon Staifix RT2 250 mm general purpose wall ties at 750 mm centres horizontally and 450 mm centres vertically (reduce to 300 mm vertically within 225 mm from all openings)	292	m2		
G	<u>Movement joints</u>				
	Forming movement joint in 100 mm thick masonry: Ancon stainless steel ties ref PPS in bed joints at 450 mm vertical centres; one half to be debonded with plastic sleeve	49	m		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	ISOLATED STRUCTURAL METAL MEMBERS				
	<u>Weldable structural steel to BS EN 10025 in beams, in single members cut to length, primed with one coat of red oxide primer at works; built into structure</u>				
	Square hollow sections:				
	100 x 100 x 5 mm (14.8 kg/m)	0.475	tonne		
B	300 x 300 mm baseplate	6	nr		
C	PLASTERED/RENDERED/ROUGHCAST COATINGS				
	<u>Alumsc MR5 plain render to blockwork</u>				
	Walls:				
	18 mm two coat backing to walls: over 300 mm wide	56	m2		
D	PAINTING/CLEAR FINISHING - METALWORK - INTERNALLY				
	<u>Prepare; one coat Thermoguard high build primer, one coat 'Thermoguard Thermacoat W' intumescent paint to high build primer, protection given 30 minutes, second coat Thermoguard flame retardant acrylic matt/eggshell</u>				
	Structural members:				
	over 300 mm girth	13	m2		

To Collection: _____

116/013 b - Braunstone Sports Pavilion

Ref	Description	Quantity	Units	Rate	Value
	Collection for External Walls				
	04/1				
	04/2				
	To Summary:				

Ref	Description	Quantity	Units	Rate	Value
	<u>WINDOWS AND EXTERNAL DOORS</u>				
	BRICK/BLOCK WALLING				
	<u>Copings, sills and the like in facing bricks in cement mortar (1:3); flush pointing as the work proceeds</u>				
A	Flush bands; pointing all round: brick-on-end: horizontal	22	m		
	<u>Closing cavities with Thermabate PVCu cavity closers</u>				
B	Cavity width: 125 mm	70	m		
	ACCESSORIES/SUNDRY ITEMS FOR BRICK/BLOCK/ STONE WALLING				
	<u>Visqueen GX single layer HDPE damp proof course; 100 mm laps sealed with Visqueen Zedex dpc jointing tape; mortar (1:3) pointing where exposed</u>				
C	Horizontal damp proof course: over 225 mm wide	8	m2		
D	Vertical damp proof course: over 225 mm wide	14	m2		
E	Horizontal damp proof course; forming cavity gutters in hollow walls: over 225 mm wide	11	m2		
	PRECAST CONCRETE SILLS/LINTELS/COPINGS/ FEATURES				
	<u>Padstones; Class B blue brick</u>				
F	Bedding in cement mortar (1:3): 300 x 215 x 100 mm	4	nr		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	<u>Catnic Steel 'Cougar' lintels; building into brickwork or blockwork</u>				
	Steel lintel type CH110/100; 157 mm high lintel:				
A	length: 1050 mm	4	nr		
B	length: 1350 mm	4	nr		
C	length: 1500 mm	2	nr		
D	length: 1650 mm	1	nr		
E	length: 2250 mm	7	nr		
	Steel lintel type CG150/100; 220 mm high lintel:				
F	length: 2700 mm	4	nr		
	ISOLATED STRUCTURAL METAL MEMBERS				
	<u>Weldable structural steel to BS EN 10025 in beams, in single members cut to length, primed with one coat of red oxide primer at works; ends built into structure</u>				
	Rolled hollow section:				
G	250 x 100 x 8 mm (48 KG/m) plus 8 mm bottom plate	0.274	tonne		
	CARPENTRY/TIMBER FRAMING/FIRST FIXING				
	<u>Standard mouldings in wrought softwood</u>				
	Window boards, nosed and tongued:				
H	25 x 200 mm	14	m		
	TIMBER WEATHERBOARDING				
	<u>Cedar cladding</u>				
	Western Red cedar; Bennetts Timber; profile BEN (SN2); to vertical surfaces; infill at window surrounds:				
I	25 mm batten block at window surround	31	m		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	WINDOWS/ROOFLIGHTS/SCREENS/LOUVRES				
	<u>PVCu framed windows; complete with stays and fasteners (see drawing 7209-05-004)</u>				
A	Top hung casement type A; obscured double glazed unit: 685 x 600 mm; glazing type E	4	nr		
B	Top hung casement type B; obscured double glazed unit: 910 x 600 mm; glazing type E	3	nr		
C	Side hung casement type C; clear double glazed unit: 1247.5 x 1125 mm; glazing type D	1	nr		
D	Fixed casement type D with two top hung casements over; clear double glazed unit: 1810 x 1950 mm; glazing type D	3	nr		
	DOORS/SHUTTERS/HATCHES				
	<u>PVCu external doors (see drawing 7209-05-004)</u>				
E	Glazing type D; external bi-fold door, including hinges and associated ironmongery, frame and finishings: Type A; 5410 x 2100 mm overall	1	nr		
F	Glazing type D; external double door, including hinges and associated ironmongery, frame and finishings: Type B; 1810 x 2400 mm overall	1	pair		
G	Hinged personnel doors, powder coated steel face and frames, 3 nr stainless steel hinges, panic bolt: Type C; 1135 x 2100 mm	2	nr		
H	Hinged personnel doors, powder coated steel face and frames, 3 nr stainless steel hinges, panic bolt: Type E; 1022.5 x 2100 mm	1	nr		
I	Powder coated aluminium; glazing type D; external double door, including hinges and associated ironmongery, frame and finishings: Type F; 1810 x 2100 mm	2	pair		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	Powder coated aluminium; glazing type D; external double door, including hinges and associated ironmongery, frame and finishings: Type G; 1810 x 2900 mm overall <u>Steel roller shutters</u> Systons SD600 roller shutter; minimum U value 1.5 W/m2 deg C; electrically operated with manual override:	1	pair		
B	Type D; 2372.5 x 2100 mm Security shutters: electrically operated with external key lock operation; perforated; with galvanised steel laths, minimum 20 gauge, 75 mm steel 'I' or inverted 'T' section bottom rail and 75 mm guides fitted to masonry by expanding bolts; finished with a 30% gloss polyester powder coat; external shutter box to suit opening size::	4	nr		
C	685 x 600 mm	4	nr		
D	910 x 600 mm	3	nr		
E	1022.5 x 2100 mm	1	nr		
F	1135 x 2100 mm	2	nr		
G	1247.5 x 1125 mm	1	nr		
H	1810 x 1950 mm	3	nr		
I	1810 x 2100 mm	2	nr		
J	1800 x 2400 mm	1	nr		
K	1810 x 2900 mm	1	nr		
L	5410 x 2400 mm	1	nr		
	IRONMONGERY				
	<u>Supply of ironmongery</u>				
	Allow the following Prime Cost Sum for the supply and delivery of ironmongery				
M	Prime Cost Sum £1,500		sum	1,500.00	1,500.00
N	allow for profit		%		
O	allow for attendance		item		
	FIX ONLY THE FOLLOWING:				

To Collection:

Ref	Description	Quantity	Units	Rate	Value
	<u>Fix only the following general ironmongery</u>				
	Generally:				
A	75 mm diameter 'Fire Escape' sign	4	nr		
B	75 mm diameter 'Keep Locked' sign	2	nr		
C	75 mm diameter 'Chemical Store' sign	1	nr		
D	panic push pad to single doors	1	nr		
E	panic push pad to double doors	3	nr		
	END OF FIX ONLY				
	<u>Bedding in cement mortar (1:3)</u>				
	Pointing edges in gun-grade polysulphide based mastic sealant:				
F	both sides	190	m		

To Collection: _____

116/013 b - Braunstone Sports Pavilion

Ref	Description	Quantity	Units	Rate	Value
	Collection for Windows and External Doors				
	05/1				
	05/2				
	05/3				
	05/4				
	05/5				
	To Summary:				

Ref	Description	Quantity	Units	Rate	Value
	INTERNAL WALLS AND PARTITIONS				
	BRICK/BLOCK WALLING				
	<u>Topblock Hemlite concrete blocks, compressive strength 7.3 N/mm2, face size 440 x 215 mm; in gauged mortar (1:2:9)</u>				
	Walls:				
A	solid blocks, thickness: 100 mm	28	m2		
B	solid blocks, thickness: 100 mm; fair face one side	127	m2		
C	solid blocks, thickness: 100 mm; fair face both sides	256	m2		
D	solid blocks, thickness: 140 mm	19	m2		
	ACCESSORIES/SUNDRY ITEMS FOR BRICK/BLOCK/ STONE WALLING				
	<u>Forming cavities</u>				
	In hollow walls:				
E	building in 5 Nr wall ties per m2	33	m2		
	<u>Movement joints</u>				
	Forming movement joint in 100 mm thick masonry:				
F	Ancon stainless steel ties ref PPS in bed joints at 450 mm vertical centres; one half to be debonded with plastic sleeve	22	m		
	PLASTERBOARD DRYLINING/PARTITIONS/CEILINGS				
	<u>Gypsum plasterboard; tapered edges, fixed to and including 70 mm Gypframe 'C' studs at 600 mm centres; 25 mm Isover Acoustic Partition roll (APR 1200)</u>				
	To walls starting at 2.80 m high on top of 140 mm blockwork standard hright internal wall:				
G	two layers 12.5 mm wallboard to each side: triangular shape as gable; 11716 mm long x maximum 4.65 m high	2	nr		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	SUNDRY INSULATING/PROOFING WORK/FIRE STOPS <u>Fire stops</u> Pointing joint with blockwork in intumescent mastic sealant: A both sides Sealing at underside of roof in intumescent mastic sealant: B both sides	47 62	m m		

To Collection:

116/013 b - Braunstone Sports Pavilion

Ref	Description	Quantity	Units	Rate	Value
	Collection for Internal Walls and Partitions				
	06/1				
	06/2				
	To Summary:				

Ref	Description	Quantity	Units	Rate	Value
	INTERNAL DOORS				
	PRECAST CONCRETE SILLS, LINTELS, COPINGS AND FEATURES				
	<u>Lintels; mix 25N/mm², 20 mm aggregate, plain round mild steel bars BS 4449; bedding and pointing in cement mortar (1:3); standard lengths only</u>				
	Plain rectangular section with 1 Nr 12mm bar:				
A	102 x 152 mm	18	m		
	<u>Precast lintels; Naylor</u>				
	Bedding and pointing in cement mortar (1:3); temporary support				
B	Type S5:	4	m		
C	Type R8:	2	m		
	ISOLATED STRUCTURAL METAL MEMBERS				
	<u>Weldable structural steel to BS EN 10025 in beams, in single members cut to length, primed with one coat of red oxide primer at works; ends built into structure</u>				
	Joists:				
D	203 x 133 mm 25 Kg/m	0.074	tonne		
	DOORS, SHUTTERS AND HATCHES				
	<u>Interior doors; drawing nr 7209-05-004 B1</u>				
	Premdor ash faced solid core flush door leaf; hardwood edges interior casement and panel doors:				
E	Double doors type H FD60; each leaf 826 x 2040 mm; 54 mm thick	1	pair		
F	Type J FD30; 926 x 2040 mm; 44 mm thick	1	nr		
G	Type J FD60; 926 x 2040 mm; 54 mm thick	1	nr		
H	Type K FD30; 926 x 2040 mm; glazing type F; 44 mm thick	3	nr		
I	Type K FD60; 926 x 2040 mm; glazing type F; 54 mm thick	1	nr		

To Collection:

Ref	Description	Quantity	Units	Rate	Value
A	Double doors type L FD 60; one leaf 426 x 2040 mm, one leaf 826 x 2040 mm; glazing type F; 54 mm thick	1	pair		
B	Type M; 926 x 2040 mm; glazing type F; 44 mm thick	2	nr		
C	Type N; 926 x 2040 mm; 44 mm thick	7	nr		
D	Type N FD30; 926 x 2040 mm; 44 mm thick	2	nr		
	<u>MDF door lining sets</u>				
	Door linings and stops; allow for glazing beads and packers as required:				
E	Type H; one hour fire check; 126 mm lining to suit structural opening size 1740 x 2100 mm	1	nr		
F	Type J; one hour fire check; 126 mm lining to suit structural opening size 1010 x 2100 mm	1	nr		
G	Type J; half hour fire check; 126 mm lining to suit structural opening size 1010 x 2100 mm	1	nr		
H	Type K; one hour fire check; 126 mm lining to suit structural opening size 1010 x 2100 mm	1	nr		
I	Type K; half hour fire check; 126 mm lining to suit structural opening size 1010 x 2100 mm	3	nr		
J	Type L; one hour fire check; 126 mm lining to suit structural opening size 1340 x 2100 mm	1	nr		
K	Type M; 126 mm lining to suit structural opening size 1010 x 2100 mm	2	nr		
L	Type N; 126 mm lining to suit structural opening size 1010 x 2100 mm	7	nr		
M	Type N; half hour fire check; 126 mm lining to suit structural opening size 1010 x 2100 mm	2	nr		
	<u>Internal security roller shutters; electrically operated with single key box; fixing in accordance with manufacturers standard details to openings with block jambs and concrete lintels or steel framed</u>				
	Internal shutter:				
N	face fixing to openings 1500 x 1200 mm high	2	nr		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	PAINTING AND CLEAR FINISHING <u>Oil paint; woodwork backgrounds</u> Prepare, knot, prime and stop, apply two undercoats and one top coat gloss paint; general surfaces: over 300 mm girth	36	m2		
	UNFRAMED ISOLATED TRIMS, SKIRTINGS AND SUNDRY ITEMS <u>Architraves, skirtings, picture rails or the like; softwood</u> Architraves; pencil rounded: 15 x 55 mm				
B	IRONMONGERY <u>Ironmongery; to softwood and the like</u> To woodwork backgrounds; Hewi hinges:	417	m		
C	102 mm butt hinge	13.5	Pair		
D	102 mm fire stop hinge; 2 nr ball bearing complete with 3 x 76 mm hinge plates; satin steel finish To woodwork backgrounds; locks and latches:	15	pair		
E	lock and indicator bolt; BS 8300	3	nr		
F	mortice lock; 5 lever; 64 mm; satin stainless steel	9	nr		
G	morticed deadlock with double cylinder; satin chrome finish; 2 nr keys	1	nr		
H	euro escutcheon; satin stainless steel	1	nr		
I	Part M compatible door set; satin anodized aluminium comprising 19 x 400 mm DDA door handle and concealed bolt through	1	nr		
J	To woodwork backgrounds; door closers: Briton 2000E door closers	19	nr		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	To woodwork backgrounds; handles and plates:				
A	lever handles; round bar rose latch handle, satin stainless steel; 19 mm	1	nr		
B	pull handle; flat plate; satin stainless steel; 229 mm	17	nr		
C	push plate; satin anodised aluminium; 300 x 73 mm	17	nr		
D	kickplate; satin anodised aluminium; 825 mm	19	nr		
	To woodwork backgrounds; general items:				
E	door stop; oval; satin anodised aluminium	19	nr		
F	sign; satin anodised aluminium; 75 mm diameter; 'Fire Door Keep Shut'	2	nr		
G	sign; satin anodised aluminium; 75 mm diameter; 'Fire Door Keep Clear'	8	nr		
H	sign; satin anodised aluminium; 300 x 100 mm; 'No Admittance'	1	nr		
I	sign; satin anodised aluminium; 75 mm diameter Unisex toilet sign	4	nr		
J	sign; satin anodised aluminium; 75 mm diameter Inclusive toilet sign	1	nr		
K	sign; satin anodised aluminium; bespoke; Changing and Referee	4	nr		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	<u>WALL FINISHES</u>				
	<u>Gyproc Wallboard TENsum plasterboard; tapered edges, fixed with dabs to masonry, taped and finished flush; holes filled with joint filler</u>				
	To walls: 12.5 mm wallboard	194	m2		
B	PLASTERED/RENDERED/ROUGHCAST COATINGS				
	<u>Thistle board finish plaster to plasterboard; 5 mm two coat work including scrimming joints</u>				
	To walls: over 300 mm wide	194	m2		
C	STONE/CONCRETE/QUARRY/CERAMIC TILING/MOSAIC				
	<u>Glazed wall tiling fixed with adhesive to floated backings and grouted with white cement</u>				
	To walls over 300 mm wide: 150 x 150 x 6.5 mm	1	m2		
D	To walls not exceeding 300 mm wide: 150 x 150 x 6.5 mm	10	m		
	PAINTING/CLEAR FINISHING				
	<u>One mist and two full coats vinyl silk emulsion paint, white.</u>				
E	Walls over 300 mm wide: fair face blockwork	750	m2		
	plastered	194	m2		

To Collection:

Ref	Description	Quantity	Units	Rate	Value
A	<u>FLOOR FINISHES</u>	377	m2		
	CEMENT: SAND/CONCRETE SCREEDS/TOPPING				
	<u>Cement and sand (1:3) with fibre reinforcing additive screeded bed to concrete</u>				
B	To floors: 65 mm thick: over 300 mm wide	40	m2		
	RUBBER/PLASTICS/CORK/LINO/CARPET TILING/SHEETING				
	<u>Forbo Flotex Metro sheet finish; fixed to prepared level cement and sand base with adhesive; butt jointed to</u>				
C	Floors over 300 mm wide; Citrus: 4.3 mm	1	nr		
	<u>Forbo Welcome matwell; to prepared level cement and sand base to</u>				
	Floors over 300 mm wide; Coral:				
D	1500 x 1500 mm	1	nr		
E	1600 x 1810 mm	17	m2		
	<u>Forbo Safestep vinyl sheet finish; fixed to prepared level cement and sand base with adhesive; butt jointed to</u>				
	Floors over 300 mm wide; R11 Clay: ref. 174362				
F	<u>Forbo Surestep vinyl sheet finish; fixed to prepared level cement and sand base with adhesive; butt jointed to</u>	51	m2		
	Floors over 300 mm wide; R10 Jade: ref. 171442				
	<u>Forbo Surestep vinyl sheet finish; fixed to prepared level cement and sand base with adhesive; butt jointed to</u>				
G	Floors over 300 mm wide; Laguna Jade: ref. 181322	64	m2		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	<u>Forbo Eternal Wood vinyl plank finish; fixed to prepared level cement and sand base with adhesive; butt jointed to</u> Floors over 300 mm wide; Natural Oak: 2 mm PAINTING/CLEAR FINISHING - FLOORS - INTERNALLY <u>One coat concrete sealer to unprimed surfaces</u>	133	m2		
B	Floors: over 300 mm wide UNFRAMED ISOLATED TRIMS/SKIRTINGS/SUNDRY ITEMS <u>Standard mouldings in Medium density fibreboard</u>	76	m2		
C	Skirting, chamfered and rounded: 18 x 125 mm <u>Flexible pvc skirting</u>	43	m		
D	Gradus S100 100 mm <u>Forbo vinyl skirting</u>	40	m		
E	Safestep R11 Clay ref. 174362	22	m		
F	Safestep R10 Jade ref. 171442	90	m		
G	Safestep Laguna Jade ref. 181322 PAINTING/CLEAR FINISHING - WOODWORK - INTERNALLY <u>Oil paint; woodwork backgrounds</u>	75	m		
H	Prepare, knot, prime and stop, apply two undercoats and one top coat gloss paint; general surfaces: not exceeding 300 mm girth	43	m		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	<u>CEILING FINISHES</u>	374	m2		
	PLASTERBOARD DRYLINING/PARTITIONS/CEILINGS				
	<u>Gyproc Wallboard TENsum plasterboard; tapered edges, fixed to softwood, taped and finished flush; holes filled with joint filler</u>				
B	To ceilings:	7	m2		
	12.5 mm wallboard				
	<u>Gyproc FireLine board; tapered edges, fixed with plaster dabs to smooth faced surfaces; joints filled, taped and finished flush; holes filled with joint filler</u>				
C	To ceilings:	381	m2		
	12.5 mm wallboard; to plant room areas				
	PLASTERED/RENDERED/ROUGHCAST COATINGS				
D	<u>Thistle board finish plaster to plasterboard; 5 mm two coat work including scrimming joints</u>	381	m2		
	To ceilings:				
	over 300 mm wide				
E	PAINTING/CLEAR FINISHING	1	nr		
	<u>One mist and two full coats vinyl silk emulsion paint, white.</u>				
	Walls over 300 mm wide:				
E	plastered	1	nr		
	DOORS/SHUTTERS/HATCHES - STEEL DOORS				
	<u>Jakdor access hatches</u>				
E	Metal ceiling access panel with beaded frame; fixing with tamper proof locking system:	1	nr		
	600 x 900 mm				

To Collection: _____

11 - Fittings and Furnishings

Ref	Description	Quantity	Units	Rate	Value
	<u>FITTINGS AND FURNISHINGS</u>				
	GENERAL FIXTURES/FURNISHINGS/EQUIPMENT				
	<u>Mirrors</u>				
	4 mm perspex mirrors, 4 drilled holes; plugged and screwed to plastered brick or block wall with screws:				
A	600 x 900 mm	10	nr		
	<u>Signage</u>				
B	Allow the Provisional Sum of £12,000 for signage		sum	12,000.00	12,000.00
	KITCHEN FITTINGS				
	<u>Supply and fit kitchen fittings complete</u>				
C	Allow the Provisional Sum of £20,000 for kitchen fittings		sum	20,000.00	20,000.00
	FIX ONLY THE FOLLOWING				
	<u>Fixing only kitchen fittings; ready assembled and shrink wrapped</u>				
	Floor cupboard units, 500 or 600 mm deep, 900 mm high:				
D	base units: 600 mm long	13	nr		
E	sink base units: 1200 mm long	1	nr		
	END OF FIX ONLY				
	TOILET CUBICLES AND SANITARY APPLIANCES/FITTINGS				
	<u>Venesta Toilet cubicles and sanitary appliances/fittings</u>				
F	Allow the Prime Cost Sum of £30,000 for the supply and delivery of toilet cubicles and sanitary appliances/fittings complete		sum	30,000.00	30,000.00
G	Allow for profit		%		
H	Allow for general attendance		item		
	FIX ONLY THE FOLLOWING				

To Collection:

11 - Fittings and Furnishings

Ref	Description	Quantity	Units	Rate	Value
	<u>Toilet cubicles</u>				
	Range of 1 Quantum 2100:				
A	2075 wide	1	nr		
	Range of 2 Quantum 2100:				
B	1766 wide x 1515 mm deep	2	nr		
C	2075 wide x 1535 mm deep	1	nr		
	Range of 4 Quantum 2100:				
D	3150 wide x 1400 mm deep	2	nr		
	Accss door handles:				
E	stainless steel	6	pair		
	Door packs:				
F	outward opening	6	nr		
	<u>Vanity units</u>				
	Semi-recessed CV1:				
G	VB 1 with factory finished basin; 961 mm long	1	nr		
H	VB 1 with two factory finished basin; 1540 mm long	1	nr		
I	return end	1	nr		
	<u>Panelling</u>				
	Urinal division:				
J	ref. CHUR 107	1	nr		
	Modesty screen:				
K	500 x 2100 mm	1	nr		
L	580 x 2100 mm	1	nr		
	Range of 1 V-epps WC panel:				
M	650 mm long x 2800 mm high	1	nr		
N	725 mm long x 1200 mm high	2	nr		
O	785 mm long x 2800 mm high	1	nr		

To Collection:

11 - Fittings and Furnishings

Ref	Description	Quantity	Units	Rate	Value
	Range of 1 V-epps Basin panel:				
A	725 mm long x 1200 mm high	2	nr		
	Range of 1 V-epps Cleaner sink panel:				
B	712 mm long x 2800 mm high	1	nr		
C	713 mm long x 2800 mm high	1	nr		
D	750 mm long x 2800 mm high	1	nr		
E	13 mm return end	1	nr		
	Range of 2 V-epps:				
F	1425 mm long x 2800 mm high	1	nr		
G	1585 mm long x 2800 mm high	1	nr		
H	1766 mm long x 2800 mm high	2	nr		
	<u>Sanitaryware</u>				
	WC1				
I	Marden WC, white seat and cover with soft close, maniflo concealed cistern with dual flush	9	nr		
	UR1				
J	Marden urinal, standard flush cistern, plastic pipes and connection	2	nr		
	WHB1				
K	Chartham 380 mm wash hand basin, Sanceram self-closing mixer tap, strainer waste, metal bottle trap	2	nr		
	CS1				
L	Chartham cleaner's sink 520 mm, lever bib taps, plastic resealing bottle trap	2	nr		
	Doc M pack				
M	Sanceram left hand pack, white seat and rails	1	nr		
	Shower valve:				
N	ref. SCBW113	2	nr		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	<u>Benching</u>				
	Perimeter cantilevered benching:				
A	1125 mm long	2	nr		
B	1900 mm long	2	nr		
C	2125 mm long	2	nr		
D	2882 mm long	4	nr		
E	2945 mm long	2	nr		
F	bench seat corner pack	6	nr		
	Powder coated aluminium post and flanges:				
G	c/w metal fittings	2	nr		
	<u>Lockers</u>				
	Range of 2 Coin return Active lockers:				
H	410 mm long	2	nr		
I	open end infill panel; 505 mm wide	2	nr		
	<u>General</u>				
	Coat hook rail:				
J	1350 mm long; 4nr hooks	4	nr		
K	stainless steel single coat hooks	17	nr		
	Toilet roll holders:				
L	stainless steel single	17	nr		
	END OF FIX ONLY				

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	SERVICES		Item		
	MECHANICAL INSTALLATIONS				
	<u>Allow for the supply and installation of the Mechanical Installation complete</u>				
	The works are to accord with the Mechanical Services Drawings and Specifications included with this tender document; allow for completing the contract sum analysis contained in the above document				
B	mechanical services complete		Item		
	ELECTRICAL INSTALLATIONS				
	<u>Allow for the supply and installation of the Electrical Installation complete</u>				
	The works are to accord with the Electrical Services Drawings and Specifications included with this tender document; allow for completing the contract sum analysis contained in the above document				
C	electrical services complete		Item		
	BUILDER'S WORK IN CONNECTION WITH SERVICES				
	<u>Builder's work in connection with services</u>				
	Allow for all builder's work in connection with services:				
D	mechanical services complete		Item		
	electrical services complete				

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	<u>SITE PREPARATION</u>				
	TEMPORARY WORKS				
	<u>Access, site parking and compound area</u>				
	Allow for construction , maintenance throughout the contract and removal upon completion of temporary access way, parking and compound areas (as shown on drawing 7209-05-011), include for the protection of all affected fencing and gates				
A	allow for reinstatement complete		item		
B	allow for all measures necessary in maintaining public access to park, bridal way and footpath at all times		item		
C	allow for all measures necessary in providing protection of the public from the works, works transportation and activities at all times		item		
	EXCAVATING AND FILLING				
	<u>Site preparation</u>				
	Removing trees; including grubbing up roots:				
D	600 mm - 1.50 m girth	9	nr		
E	1.50 m - 3.00 m girth	10	nr		
F	clearing site of bushes, scrub and undergrowth, including cutting down small trees and grubbing up roots	428	m2		
	<u>Excavating starting at natural ground level or reduced ground level</u>				
	Excavating to reduce levels, maximum depth not exceeding:				
G	0.25 m	17	m3		
H	1.00 m	986	m3		
	<u>Disposal</u>				
	Disposing of excavated material by removing from site:				
I	generally	1002	m3		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	<u>Imported hardcore filling</u>				
	Filling to make up levels; compacting:				
A	gravel; average 30 mm thick	112	m2		
B	Clause 613 type 6F1, 6F2, 6F3 or 9A; over 250 mm thick	340	m3		
C	Clause 803 type 1; prepared and installed to Clause 802; over 250 mm thick	242	m3		
D	Clause 803 type 1; prepared and installed to Clause 802; average 60 mm thick	112	m2		
E	Clause 803 type 1; prepared and installed to Clause 802; average 150 mm thick	970	m2		
F	Clause 821 C8/10; prepared and installed to Clause 813 and 814	970	m2		
	<u>Surface treatments</u>				
	Levelling and compacting:				
G	surfaces of open excavation	1266	m2		
H	surfaces of filling	1266	m2		
	Blinding surfaces of earth filling or hardcore filling with sand and consolidating with a vibrating roller:				
I	15 mm thick	112	m2		

To Collection: _____

116/013 b - Braunstone Sports Pavilion

Ref	Description	Quantity	Units	Rate	Value
	Collection for Site Preparation				
	13/1				
	13/2				
	To Summary:				

Ref	Description	Quantity	Units	Rate	Value
	<u>ACCESS ROAD</u>				
	COATED MACADAM/ASPHALT ROADS/PAVINGS				
	<u>Coated macadam to pavings and roads; to falls, crossfalls and slopes not exceeding 15 degrees from the horizontal</u>				
A	Base course: AC 32; dense/HDM/HMB base to BS EN13108-1; 110 mm thick	463	m2		
B	Binder course: AC 20; dense/HDM/HMB base to BS EN13108-1; 50 mm thick	463	m2		
C	Surface course: 10 mm size SMA 10 surf 40/60 (PSV 55) to BS EN13108-1; 40 mm thick	463	m2		

To Collection:

Ref	Description	Quantity	Units	Rate	Value
A	PARKING BAYS	296	m2		
	COATED MACADAM/ASPHALT ROADS/PAVINGS				
	<u>Coated macadam to pavings and roads; to falls, crossfalls and slopes not exceeding 15 degrees from the horizontal</u>				
	Binder course:				
A	Clause 906; AC 20; 100/150 rec to BS EN13108-1; 60 mm thick	296	m2		
	Surface course:				
B	Clause 912; AC 10; 100/150 rec to BS EN13108-1; 40 mm thick	296	m2		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	PAVING IN SITU CONCRETE CONSTRUCTION GENERALLY <u>Plain dense aggregate concrete grade C20/25, filled into formwork</u> Beds: not exceeding 150 mm thick	2	m3		
	FORMWORK FOR IN SITU CONCRETE <u>Formwork to foundation and beds</u> Edges and faces of foundations, ground beams and beds: not exceeding 250 mm high				
B	SLAB/BRICK/SETT/COBBLE PAVINGS <u>Marshall's Perfecta Smooth Ground paving slabs, 63 mm thick; chamfered edge; bedding in 30 mm proprietary modified mortar to BS 7533 Part 4 2006; 10 mm open joints, straight both ways, to symmetrical layout; pointing with coloured cement lime mortar (1:1:6); on concrete base; to pavings; to falls, crossfalls and slopes not exceeding 15 degrees from horizontal</u> 600 x 450 mm, colour: buff; fibre reinforcement	10	m		
C		970	m2		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	<u>KERBS AND EDGINGS</u>				
	KERBS/EDGINGS/CHANNELS/PAVING ACCESSORIES				
	<u>Excavation and disposal to form concrete foundations in trenches; plain concrete, grade 21N/mm2, poured against face of excavations</u>				
A	Foundations in trenches; 200 x 125 mm straight	197	m		
B	Foundations in trenches; 300 x 150 mm straight	109	m		
C	curved; radius: 7.00 m	22	m		
	<u>Precast concrete kerbs, edgings, channels, and quadrants to BS 340; ordinary; bedding and jointing in cement mortar (1:3); concrete foundations (see Additional Costs at end of this section) haunching both sides with concrete, grade 15 N/mm2</u>				
D	Edgings 50 x 250 mm overall: straight	197	m		
	<u>Precast concrete kerbs, edgings, channels, and quadrants to BS 340; ordinary; bedding and jointing in cement mortar (1:3); concrete foundations; haunching both sides with concrete, grade ST1</u>				
E	Kerbs; 125 x 255 mm overall; HB2 straight	109	m		
F	curved; radius: 7.00 m	22	m		
G	extra; quadrants	13	nr		
	<u>Railway sleeper edgings; fixed with galvanized steel pins driven into the ground; sleepers laid flat</u>				
H	Grade 1 softwood; 2590 x 250 x 125 mm 1 sleeper high	45	m		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	SLAB/BRICK/SETT/COBBLE PAVINGS <u>Precast concrete flags BS 368 natural finish; 50 mm thick; spot bedding in cement lime mortar (1:1:6) to symmetrical layout; on concrete</u> Set vertically to form side of ramp; 10 mm joints, pointing joints with cement, lime mortar (1:1:6): 300 mm high	10	m		

To Collection: _____

116/013 b - Braunstone Sports Pavilion

Ref	Description	Quantity	Units	Rate	Value
	Collection for Kerbs and Edgings				
	17/1				
	17/2				
	To Summary:				

Ref	Description	Quantity	Units	Rate	Value
	<u>FENCING AND GATES</u>				
	FENCING				
	<u>Palisade security fencing; fixing to posts at 2.975 m centres with manufacturer's fixings; setting 600 mm deep; excavating post holes, disposal and filling post holes with concrete</u>				
	Metal posts:				
A	2.00 m high fencing	20	m		
B	end post	5	nr		
C	gate post	6	nr		
	<u>Close boarded fencing BS 1722, part 5 with softwood pressure treated pales and gravel boards; intermediate posts at 3.00 m centres</u>				
	Concrete posts:				
D	2.00 m high fencing	36	m		
	Double gate				
E	1.80 m wide overall x 2.00 m high	1	pair		
	GATES				
	<u>Paladin welded mesh; fixing to posts (measured separately) with manufacturer's fixings</u>				
	Double gate				
F	1.80 m wide overall x 2.00 m high	2	pair		
G	3.20 m wide overall x 2.00 m high	1	pair		

To Collection:

Ref	Description	Quantity	Units	Rate	Value
A	LANDSCAPING	102	m2		
	GRANULAR SUB-BASES TO ROADS/PAVINGS				
	<u>Imported top soil, level or to falls, crossfalls and slopes; levelling and compacting</u>				
	Filling to make up levels: average thickness: 200 mm				
B	SEEDING/TURFING	102	m2		
	<u>Cultivating surfaces of ground; removing weeds</u>				
C	Removing weeds:	102	m2		
	generally				
D	turfing prepared surfaces of ground; rolling, watering, weeding, cutting, settlement re-turfing until established; with turf; laid with broken joints	102	m2		
	PLANTING				
E	<u>Providing and planting minimum two year old hedges, trees and shrubs; excavating holes, breaking up bottoms of excavation; carefully backfilling with selected excavated material and disposing of surplus spoil by spreading and levelling close at hand; maintaining until established</u>	34	m		
	Hedges, Pyracantha Coccinea 'red column'; single row of plants; 300 - 900 mm high				
F	750 mm centres	5	nr		
	Trees; root ball				
G	Pyrus Calleryana 'Chanticleer'; 120 - 140 mm girth; root ball 400 mm diameter	2	nr		
	Betula Pendula multistem; 100 - 120 mm girth; root ball 300 mm diameter				
H	Prunus Umineko; 100 - 120 mm girth; root ball 300 mm diameter	4	nr		
	Acer Campester 'Streetwise'; 120 - 140 mm girth; root ball 400 mm diameter				
I	Sorbus Aucuparia 'Streetwise'; 120 - 140 mm girth; root ball 400 mm diameter	3	nr		
	Punus Amanogawa; 100 - 120 mm girth; root ball 300 mm diameter				
J		2	nr		
		3	nr		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	STREET FURNITURE	9	Nr		
	SITE/STREET FURNITURE/EQUIPMENT				
	<u>Cycle hoops</u> Marshalls Ferrocast Sheffield steel core, polyurethane finish: root fixed; setting 600 mm below ground				
B	<u>Cycle shelters</u> Broxap Ecclestone Economy; powder coated finish; ref. BXMW ECC 5 cycle shelter; 2030 x 2100 mm high	1	nr		
C	<u>Bollards</u> Telescopic security bollard; stainless steel; brushed satin finish; ref. TPR390: box fixed; setting 960 mm below ground	3	nr		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	<u>DRAINAGE (ALL PROVISIONAL)</u>				
	KERBS/EDGINGS/CHANNELS/PAVING ACCESSORIES				
	<u>Drainage units</u>				
	ACO or similar channel; excavation and disposal; bedding and jointing in cement mortar (1:3); setting on foundation minimum 100 mm thick grade 25 N/mm ² ; haunching:				
A	straight	5	m		
B	extra; ends	6	nr		
C	extra; gully	3	nr		
	Blucher Waterline channel; setting in cut-out in concrete floor				
D	ref: 374.100.056.20; connection to drain	4	nr		
	Blucher Vertical outlet; setting in cut-out in concrete floor				
E	ref: WS 15 3585.116; connection to drain	4	nr		
	Blucher industrial drain outlet:				
F	ref: 710.402.110; connection to drain	1	nr		
	DRAINAGE BELOW GROUND				
	<u>Excavation of trenches; for drainage pipes or the like, including disposal and filling above bed and surround with selected fill material compacted in maximum 250 mm layers</u>				
	Trenches to suit pipes not exceeding 200 mm diameter; average depth:				
G	0.50 m	34	m		
H	0.75 m	74	m		
I	1.00 m	40	m		
J	1.25 m	20	m		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	<u>Beds and coverings for drainage pipes</u>				
A	Granular bed and covering to pipes: not exceeding 200 mm diameter	48	m		
B	Concrete bed and covering to pipes: not exceeding 200 mm diameter	120	m		
C	not exceeding 200 mm diameter; vertical	3	m		
	<u>Pipes and fittings; PVCu underground drainage</u>				
D	110 mm diameter	168	m		
E	110 mm; vertical	3	m		
	<u>Drainage fittings</u>				
	PVCu fittings				
F	110 mm bends	52	nr		
G	110 mm rest bends	11	nr		
H	110 x 110 mm junction	3	nr		
	<u>Accessories, precast concrete, BS 5911; bed and surround in concrete ST4</u>				
	Jointing to drains:				
I	road gullies, 375 mm internal diameter 900 mm deep, 100 mm trapped outlet, rodding eye with stopper and galvanised chain; D400 hinged grate and frame on and including two courses Class B Engineering bricks laid flat in Class 1 mortar to CL2404	2	nr		
	<u>Inspection chambers or the like</u>				
	Polypropylene inspection chambers; excavation and disposal; granular bed and surround; raising piece; ductile iron cover and frame ref: CLKS 1657:				
J	450 mm diameter, cover and frame; 251 - 500 mm deep	1	nr		
K	450 mm diameter, cover and frame; 501 - 750 mm deep	6	nr		
L	450 mm diameter, cover and frame; 751 - 1000 mm deep	1	nr		
M	extra; B125 ductile iron single seal cover and frame	4	nr		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
A	Construct manhole complete; excavation; disposal; earthwork support; granular bed and surround; 1050 mm diameter precast concrete chamber rings with step irons; 225 mm thick concrete GEN 3 base; concrete cover slab; heavy duty cover and frame; depth to invert: 751 - 1000 mm <u>Pumping station</u> Klargester pumping station with electricity connection; excavation and disposal; granular bed and surround; raising piece; ductile iron cover and frame ref: CLKS 1657:	1	nr		
B	ref: PU1230TG, cover and frame; 3600 litre capacity; chamber 3000 mm deep <u>Connections to existing drainage</u> Break into existing live sewer; fit saddle connection for new 100 mm diameter pipe; reinstate all work disturbed:	1	nr		
C	to existing 225 mm diameter sewer; 1.00 m deep <u>Disposal</u> Disposal of water		item		
D	surface water RAINWATER HARVESTING <u>Excavation</u> Pit excavation to receive foundation bases (in Nr. 1), depth not exceeding:		Item		
E	2.00 m <u>Working space allowance to excavations</u> Excavating for working space, additional earthwork support, compacting in layers; backfilling with excavated material:	14	m3		
F	pits <u>Timber earthwork support</u> To sides of excavation 2.00 - 4.00 m apart, depth not exceeding:	23	m2		
G	2.00 m	23	m2		

To Collection: _____

Ref	Description	Quantity	Units	Rate	Value
	<u>Disposal of water</u>				
	Disposal of water				
A	surface water		Item		
B	ground water		Item		
	<u>Surface treatments</u>				
	Levelling and compacting				
C	bottoms of excavation	7	m2		
	<u>Off site disposal of material arising from earthworks</u>				
	Removed:				
D	generally	14	m3		
	<u>Filling to excavations with imported materials</u>				
	Filled into excavation; compacting in layers:				
E	6F2	2	m3		
	<u>Surface treatments</u>				
	Levelling and compacting				
F	surfaces of filling	7	m2		
	<u>Textile matting</u>				
	Tensar Geogrid SS30-LA				
G	generally to bottom of excavations; horizontal	7	m2		
	<u>Plain in situ concrete; mix C20P</u>				
	Beds; poured on or against earth or unblinded hardcore:				
H	not exceeding 150 mm thick	1	m3		
	Backfilling around interceptor				
I	225 mm minimum thick	4	m3		
	<u>Reinforced in situ concrete; mix PAV2</u>				
	Beds; poured on or against earth or unblinded hardcore:				
J	150 - 450 mm thick	2	m3		

To Collection:

Ref	Description	Quantity	Units	Rate	Value
A	<u>Formwork to general finish</u> Sides of ground beams and edges of beds: not exceeding 250 mm high	11	m		
	<u>Hot rolled deformed high yield steel bars BS 4449, supplied cut and labelled</u>				
B	Bent bars in any position: 16 mm	338	Kg		
	<u>Steel fabric reinforcement, BS 4483</u>				
C	Fabric reinforcement, laid horizontally; ref: A252	7	m2		
D	B785	7	m2		
E	<u>Underground storage tank</u> Tank on concrete bed, wedged in position; filling with water during concrete backfill; jointing inlet and outlet: 3800 mm long x 1850 internal diameter; forming all connections	1	nr		
	<u>Testing and commissioning</u>				
F	Drainage system foul and surface water		Item		
	PROVISIONAL WORKS				
G	<u>Additional works in Drainage</u>		sum	2,500.00	2,500.00
	Allow the Provisional Sum of £2500 for additional work in Drainage				

To Collection:

Ref	Description	Quantity	Units	Rate	Value
	<u>EXTERNAL SERVICES</u>				
	PROVISIONAL WORK				
	<u>Mains services connections</u>				
A	Allow the prime cost sum of £7,500 for gas mains connections		Sum	7,500.00	7,500.00
B	Add for profit		%		
C	Add for attendance		item		
D	Allow the prime cost sum of £3,000 for water mains connections		Sum	3,000.00	3,000.00
E	Add for profit		%		
F	Add for attendance		item		
	<u>Builder's work in connection with mains services (ALL PROVISIONAL)</u>				
	Gas				
G	100 mm duct in trench 0.75 m deep	160	m		
H	external consumer meter cupboard	1	nr		
	Water				
I	19 mm reinforced barrier type pipe in trench 0.75 m deep	160	m		
J	external consumer meter pit	1	nr		
	Electricity				
K	100 mm duct in trench 0.75 m deep	160	m		
L	external consumer meter cupboard	1	nr		
	Telecom				
M	100 mm duct in trench 0.75 m deep	160	m		
N	external consumer meter cupboard	1	nr		
	<u>Additional external services</u>				
O	Allow the provisional sum of £5,000 for additional external services		Sum	5,000.00	5,000.00

To Collection:

$\bar{x}$

Total:

Ref	Description	Quantity	Units	Rate	Value
01	Demolitions and Alterations				
02	Substructure				
03	Roof				
04	External Walls				
05	Windows and External Doors				
06	Internal Walls and Partitions				
07	Internal Doors				
08	Wall Finishes				
09	Floor Finishes				
10	Ceiling Finishes				
11	Fittings and Furnishings				
12	Services				
13	Site Preparation				
14	Access Road				
15	Parking Bays				
16	Paving				
17	Kerbs and Edgings				
18	Fencing and Gates				
19	Landscaping				
20	Street Furniture				
21	Drainage				
22	External Services				
	Total:				

Summary