

# HAWKES GROUP

DEMOLITION • GROUNDWORK  
CIVIL ENGINEERING

Micron Precision Engineering  
Unit B Saxon Fields  
Old Harborough Road  
Brixworth  
Northants  
NN6 9BX



Hawkes Group Ltd  
Blackbridge Farm  
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## Invoice

Cust. Order

Invoice No

Invoice / Tax Date

7295

23/12/2021

Quantity	Details	Unit Price £	Net Amount
0.0	Factory Extention	0.00	0.00
1.0	Valuation No 1	5,129.43	5,129.43

Total Net Amount **5,129.43**

VAT **1,025.89**

Invoice Total


**6,155.32**

**\* Payment Methods:**

BACS payment to be sent to Lloyds Bank  
Account No: 67985060  
Sort Code: 30-96-09

Thank you for your business

Company Reg No.: 10141904 // VAT Reg No.: 269097851  
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A		B	C	D	E	F	G	H
1		<b>FACTORY EXTENSION MICRON ENGINEERING</b>						
2		<b>SITE PREPARATION</b>						
3		<b>GROUNDWORK</b>						
4		<u>D20: EXCAVATING AND FILLING</u>	VALUATION No 1					
5		<u>Site preparation</u>	DATED 17/12/21					
6		Trimming hedges; cut back face and top to new line and level						
7	A	height 2.00 - 5.00	12	m	41.66	499.92		
8		Take down existing ; set aside for reuse; backfill foundations in						
9	B	Galvanised security type fence 2100 mm high; PROVISIONAL	10	m	45.45	454.50		
10		Excavate trial holes and the like; backfill and make good on						
11	C	completion to match existing						
12		to locate existing drainage and services; n/e 2.00 m deep	1	Item	600.00	600.00		
13		<u>Excavating</u>						
14	D	To reduce levels						
15		maximum depth not exceeding 0.50m	63	m3	4.50	283.50	20	90.00
16	E	Pits; for trial holes to expose buried storm drain						
17		maximum depth not exceeding 3.00m; approx 1.50 x 1.20; mainly						
18	F	by hand; inspect findings and backfill in SEM	3	nr	800.00	2400.00		
19		Breaking out existing materials; extra over any types of excavation						
20	G	irrespective of depth						
21	H	existing kerbs; HB2; including foundation and haunch	29	m	3.50	101.50	20	70.00
22		Breaking out existing hard pavings; extra over any types of						
23	J	excavating irrespective of depth						
24		Concrete interlock block paving 80 mm thick	187	m2	2.00	374.00	50	100.00
25		Concrete interlock block paviors 80 mm thick; set aside those						
26		suitable for reuse	128	m2	9.25	1184.00	128	1184.00
27		Disposal of inert excavated material						
28		off site	63	m3	31.50	1984.50	10	315.00
29		<b>SUBSTRUCTURES</b>						
30		<b>GROUNDWORK</b>						
31		<u>D20: EXCAVATING AND FILLING</u>						
32		<u>Excavating</u>						
33		Trenches width exceeding 0.30m						
34	A	maximum depth not exceeding 1.00m	11	m3	12.50	137.50		
35	B	maximum depth not exceeding 2.00m	5	m3	16.00	80.00		
36	C	maximum depth not exceeding 1.00m; adjacent to existing						
37		foundations	4	m3	20.00	80.00		
38	D	Pits; attached to trenches						
39	E	maximum depth not exceeding 2.00m	16	m3	15.00	240.00		
40	F	maximum depth not exceeding 3.00m	31	m3	20.00	620.00		
41	G	maximum depth not exceeding 2.00m; adjacent existing	5	m3	1.50	7.50		
42	H	Earthwork support						
43	J	maximum depth not exceeding 1.00m; distance between opposing						
44		faces not exceeding 2.00m	54	m2	1.50	81.00		
45	K	maximum depth not exceeding 2.00m; distance between opposing						
46	L	faces not exceeding 2.00m	55	m2	1.50	82.50		
47	M	maximum depth not exceeding 3.00m; distance between opposing						
48	N	faces not exceeding 2.00m	78	m2	1.50	117.00		
49	P	Compacting						
50	Q	bottoms of excavations	63	m2	1.00	63.00		
51		surface of formation	172	m2	1.00	172.00		
52		surface of MOT	50	m2	1.00	50.00		
53		Compacting and blinding with sand						
54	N	surface of MOT	172	m2	2.00	344.00		
55	P	Disposal of inert excavated material						
56		off site	73	m3	31.50	2299.50		
57		MOT1; to be obtained off site						
58	Q	Filling to make up levels						
59		average thickness not exceeding 0.25m	3	m3	73.00	219.00		
60		<u>D21: GROUND GAS VENTING</u>						
61		<u>Radon Gas Vents</u>						
62		Excavate trench; lay pipework; bed and surround in granular						
63	A	110 mm dia perforated pipework; incl bends and the like	5	m	15.00	75.00		
64	B	extra; proprietary sump unit installed and connected in accordance						
65		with manufacturers details	1	nr	80.00	80.00		
66		<b>IN - SITU CONCRETE/ LARGE PRECAST CONCRETE</b>						
67		<u>E10: MIXING/CASTING/CURING/IN-SITU CONCRETE</u>						
68		Plain in-situ concrete: BS. EN.206-1 & B.S.8500. designed mix						
69		C20. 20 aggregate. minimum cement content 220 kg/m3						
70		Filling hollow walls						

	A	B	C	D	E	F	G	H
61	C	thickness not exceeding 150	3	m3	145.00	435.00		
62		Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix RC30, 20 aggregate; vibrated						
63		Beds; poured on or against earth or unblinded hardcore						
64	D	thickness 150-450	34	m3	137.00	4658.00		
65		Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix RC35, 20 aggregate; vibrated						
66		Foundations poured on or against earth or unblinded hardcore						
67	E	in pits as trench fill foundation	51	m3	132.00	6732.00		
68		Ground beams; poured on or against earth or unblinded hardcore						
69	F	generally	21	m3	132.00	2772.00		
70		Column casings						
71	G	generally	2	m3	145.00	290.00		
72		<u>E20: FORMWORK FOR IN-SITU CONCRETE</u>						
73		Formwork and basic finish						
74		Sides of foundations; plain vertical						
75	H	height 500 - 1.00m	2	m	45.00	90.00		
76		Column casings; isolated						
77	J	regular shaped; rectangular	23	m2	65.00	1495.00		
78		Formwork and fair finish						
79		Edges of slabs; plain vertical						
80	A	height not exceeding 250	5	m	15.00	75.00		
81		<u>E30: REINFORCEMENT FOR IN-SITU CONCRETE</u>						
82		Reinforcement bars; B.S.4449, hot rolled deformed high yield steel						
83		Cut and bent; standard shapes; tied to cages and the like						
84	B	various diameters	0.60	t	2000.00	1200.00		
85		Reinforcement fabric; B.S.4483, hard drawn plain round steel;						
86		Reference A142, 2.22 kg/m2; 200 side laps; 200 end laps						
87	C	generally; horizontal	94	m2	19.50	1833.00		
88		Reference A252, 3.95 kg/m2; 200 side laps; 200 end laps						
89	D	generally; horizontal	343	m2	25.75	8832.25		
90		<u>E40: DESIGNED JOINTS IN IN-SITU CONCRETE</u>						
91		Formed joints						
92		Joint to slab; Ref IJ; in accordance with engineers details						
93	E	in concrete, depth 200 mm; horizontal	48	m	18.00	864.00		
94		Joint to existing foundation; Ref Xstg Fdn; in accordance with engineers details						
95	F	drilling existing foundation; resin fix dowel bar to existing foundation; other end cast into new foundation; 16 dia x 600 long	24	nr	11.00	264.00		
96		<u>E41: WORKED FINISHES/ CUTTING TO IN-SITU CONCRETE</u>						
97		Worked finishes on in-situ concrete						
98		Power floating						
99	G	surfaces	172	m2	8.00	1376.00		
100		Sikaflor or similar surface hardener; in accordance with manufacturers details						
101	H	surfaces	172	m2	6.00	1032.00		
102		<u>E42: ACCESSORIES CAST INTO IN-SITU CONCRETE</u>						
103		Cast in accessories						
104		Holding down bolt and nut sets; bolts free issue from steel frame contractor; with suitable cone and the like as per engineers detail						
105	A	to steel base plate template; 2 No bolts per plate; release bolts after casting in	2	nr	45.00	90.00		
106	B	to steel base plate template; 4 No bolts per plate; release bolts after casting in	12	nr	45.00	540.00		
107		Non shrink grout to holding down bolts and cones and the like as per engineers detail; neat edge to all sides						
108	C	25 thick to steel base plate; 2 No bolts per plate	2	nr	35.00	70.00		
109	D	25 thick to steel base plate; 4 No bolts per plate	12	nr	35.00	420.00		
110		<b>MASONRY</b>						
111		<u>F10: BRICK/BLOCK WALLING</u>						
112		Facing bricks, PC sum £ 600.00 for supply and delivery to site; 215 x 102 5 x 65; in cement-lime mortar (1:1:6); bucket handle pointing as work proceeds						
113		Walls						
114	E	102 thick; stretcher bond; tied to other work	9	m2	98.00	882.00		

	A	B	C	D	E	F	G	H
115	F	102 thick; stretcher bond; pier tied to other work <u>Concrete, lightweight aggregate, blocks, BS.EN.771-3, 440 x 215, solid, keyed both sides, compressive strength 7.0 N/mm2; in cement mortar (1:4)</u>	2	m2	98.00	196.00		
116		Walls						
117		215 thick; stretcher bond	15	m2	75.00	1125.00		
118	G	100 thick; stretcher bond; skin of cavity wall	47	m2	39.00	1833.00		
119	H	215 thick; stretcher bond; skin of cavity wall	8	m2	75.00	600.00		
120	J	<u>F30: ACCESSORIES/SUNDRY ITEMS FOR BRICK/BLOCK/STONE WALLING</u>						
121		<u>Forming cavities in hollow walls</u>						
122		Cavity and building in ends of wall ties						
123		100 wide	28	m2	1.50	42.00		
124	K	Designed joints						
125		Tied joints in blockwork						
126		100 mm blockwork; tied to steel frame columns at 450 mm centres	15	m	4.50	67.50		
127	A	<b>WATERPROOFING</b>						
128		<u>J40: FLEXIBLE SHEET TANKING/DAMP PROOFING</u>						
129		<u>Bituthene self adhesive damp proof membrane; 50 lapped joints</u>						
130		Tanking and damp proofing						
131		vertical to walls	14	m2	40.00	560.00		
132	B	<u>Polythene DPM; 2000 gauge; lapped and sealed in accordance with manufacturers details</u>						
133		Tanking and damp proofing						
134		flat and turned up at edges to lap with DPC	204	m2	1.75	357.00		
135	C	<b>SURFACE FINISHES</b>						
136		<u>M60: PAINTING/CLEAR FINISHING</u>						
137		<u>2 coats RIW; in accordance with manufacturers details</u>						
138		Iron or steel general surfaces						
139		steel columns generally; girth exceeding 300	24	m2	12.00	288.00		
140	D	<b>BUILDING FABRIC SUNDRIES</b>						
141		<u>P10: SUNDRY INSULATION/PROOFING WORK/ FIRE STOPS</u>						
142		<u>Celotex or similar insulation board; butt joints</u>						
143		Plain areas						
144		horizontal; laid loose; 100 thick	172	m2	24.42	4200.24		
145	E	<b>EXTERNAL WORKS</b>						
146		<b>DEMOLITION/ALTERATION/RENOVATION</b>						
147		<u>C90: ALTERATIONS - SPOT ITEMS</u>						
148		<u>Various locations on site</u>						
149		Taking from store; rebuild in new location						
150		salvaged security fence; PROVISIONAL	10	m	50.00	500.00		
151	A	<b>GROUNDWORK</b>						
152		<u>D20: EXCAVATING AND FILLING</u>						
153		<u>Excavating</u>						
154		Trenches width exceeding 0.30m						
155		maximum depth not exceeding 1.00m		m3	12.50			
156	B	Earthwork support						
157		maximum depth not exceeding 1.00m; distance between opposing faces not exceeding 2.00m		m2	16.00			
158	C	Compacting						
159		bottoms of excavations		m2	1.00			
160	D	surface of formation	38	m2	1.00	38.00		
161	E	surface of MOT	38	m2	1.00	38.00		
162	F	Compacting and minor regrading						
163		surface of MOT	128	m2	2.50	320.00		
164	G	Disposal of inert excavated material						
165		off site		m3	31.50			
166	H	<u>MOT1: to be obtained off site</u>						
167		Filling to driveways, parking areas and the like						
168		average thickness not exceeding 0.25m	4	m3	73.00	292.00		
169	J	Filling to gravel margin						
170		average thickness not exceeding 0.25m	4	m3	105.00	420.00		
171	K	<b>IN - SITU CONCRETE/ LARGE PRECAST CONCRETE</b>						
172		<u>E10: MIXING/CASTING/CURING/IN-SITU CONCRETE</u>						
173		<u>Plain in-situ concrete: BS. EN.206-1 &amp; B.S.8500, designed mix</u>						
174		<u>C20, 20 aggregate, minimum cement content 220 kg/m3</u>						
175		Foundations poured on or against earth or unblinded hardcore						
176								

	A	B	C	D	E	F	G	H
177	A	in trenches as trench fill foundation		m3	135.00			
178		<b>E60: PRECAST/COMPOSITE CONCRETE DECKING</b>						
179		<u>Precast concrete stair units; manufacturer designed; in accordance with manufacturers details</u>						
180		stair and landing units; hoisted and fixed in position in accordance with manufacturers details						
181	B	Straight flight; Ref Escape stairs	1	nr				
182		<b>MASONRY</b>						
183		<b>F10: BRICK/BLOCK WALLING</b>						
184		<u>Engineering bricks, BS.EN.771-1, Category F, 215 x 102.5 x 65, class B; in cement mortar (1:3); bucket handle pointing as work proceeds</u>						
185		Walls						
186	C	215 thick; stretcher bond; pointed one side		m2	210.00			
187		<b>WINDOWS/DOORS/STAIRS</b>						
188		<b>L30: STAIRS/WALKWAYS/ BALUSTRADES</b>						
189		<u>Handrails in Galvanized steel after fabrication</u>						
190		tubular balustrades and integral handrails						
191	D	handrails fixed to walls to escape stairs	1	Item				
192		<b>PAVING/PLANTING/FENCING/SITE FURNITURE</b>						
193		<b>Q10: KERBS/EDGINGS/CHANNELS/PAVING ACCESSORIES</b>						
194		<u>Precast concrete: standard or stock pattern units; B.S.7533-4; bedding, jointing and pointing in cement mortar (1:3); on plain in-situ concrete foundation; BS.EN.206-1 &amp; BS.8500 ordinary prescribed mix C20P, 20 aggregate</u>						
195		Kerbs; rectangular section; half battered type HB2; concrete foundation and haunching; formwork						
196	E	125 x 255 kerb; 300 x 150 foundation	4	m	45.00	180.00		
197	F	extra; external angle	1	nr	15.00	15.00		
198	A	extra; internal angle	1	nr	15.00	15.00		
199	B	extra; joint to existing	1	nr	8.00	8.00		
200		Edgings; rectangular section; flat top type EF; concrete foundation and haunching; formwork						
201	C	50 x 200 edging; 300 x 150 foundation	13	m	19.00	247.00		
202		<b>Q23: GRAVEL/HOGGIN/WOODCHIP ROADS/PAVINGS</b>						
203		<u>Gravel: washed 19 mm</u>						
204		Pavings						
205	D	50 thick; level or to falls	38	m2	20.00	760.00		
206		<b>Q24: INTERLOCKING BRICK/BLOCK ROADS/PAVINGS</b>						
207		<u>Precast concrete paving blocks; 30 sand bedding, symmetrical half bond layout; covering with washed non-staining sand, compacting with plate vibrator, sweeping off surplus</u>						
208		100 x 200 x 80 units to pavings; as set aside previously						
209	E	level and to falls only	128	m2	15.75	2016.00		
210	F	extra; form fair joint to existing paving	24	m	17.00	408.00		
211		<b>Q50: SITE/STREET FURNITURE/EQUIPMENT</b>						
212		<b>PPC steel</b>						
213		Fixed bollards						
214	G	ram raid bollard; set in concrete foundation in accordance with manufacturers details	4	nr	325.00	1300.00		
215								
216		<b>DRAINAGE and SERVICES</b>						
217		<b>DISPOSAL SYSTEMS</b>						
218		<b>R12: STORM DRAINAGE BELOW GROUND</b>						
219		<u>Excavating trenches to receive pipes not exceeding 200 nominal size; disposing of surplus excavated material off site; Backfill in</u>						
220		Commencing from formation level						
221	A	average depth 250 - 500	16	m	18.00	288.00		
222	B	average depth 500 - 750	21	m	21.00	441.00		
223	C	average depth 750 - 1000	2	m	24.00	48.00		
224		<u>Excavating trenches to expose pipes not exceeding 200 nominal size; break out; disposing of surplus excavated material off site; Backfill in MOT</u>						
225		Commencing from ground level						
226	D	average depth 500 - 750	13	m	30.00	390.00	10	300.00
227		<u>Excavating to expose existing yard gully; disposing of surplus excavated material off site</u>						
228		Breaking out complete with associated items; and local drain runs; remove debris from site						



# HAWKES GROUP

DEMOLITION • GROUNDWORK  
CIVIL ENGINEERING

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## Invoice

Cust. Order

Invoice No

Invoice / Tax Date

7296

10/02/2022

Quantity	Details	Unit Price £	Net Amount
0.0	Factory Extention	0.00	0.00
1.0	Valuation No 2	7,252.82	7,252.82

Total Net Amount **7,252.82**

VAT **1,450.56**

**Invoice Total 8,703.38**

**\* Payment Methods:**

BACS payment to be sent to Lloyds Bank  
Account No: 67985060  
Sort Code: 30-96-09

Thank you for your business

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A		B	C	D	E	F	G	H
1		<b>FACTORY EXTENSION MICRON ENGINEERING</b>	<div> <b>HAWKES GROUP</b>            DEMOLITION • GROUNDWORK            CIVIL ENGINEERING         </div>					
2		<b>SITE PREPARATION</b>						
3		<b>GROUNDWORK</b>						
4		<u>D20: EXCAVATING AND FILLING</u>	VALUATION No 2 DATED 07/02/22					
5		Site preparation						
6		Trimming hedges; cut back face and top to new line and level						
7	A	height 2.00 - 5.00	12	m	41.66	499.92		
8		Take down existing ; set aside for reuse; backfill foundations in						
9	B	Galvanised security type fence 2100 mm high; PROVISIONAL	10	m	45.45	454.50		
10		Excavate trial holes and the like; backfill and make good on						
11	C	completion to match existing						
12		to locate existing drainage and services; n/e 2.00 m deep	1	Item	600.00	600.00	1	600.00
13		<u>Excavating</u>						
14	D	To reduce levels						
15		maximum depth not exceeding 0.50m	63	m3	4.50	283.50	63	283.50
16	E	Pits; for trial holes to expose buried storm drain						
17		maximum depth not exceeding 3.00m; approx 1.50 x 1.20; mainly						
18	F	by hand; inspect findings and backfill in SEM	3	nr	800.00	2400.00	2	1600.00
19		Breaking out existing materials; extra over any types of excavation						
20	G	irrespective of depth						
21	H	existing kerbs; HB2; including foundation and haunch	29	m	3.50	101.50	20	70.00
22		Breaking out existing hard pavings; extra over any types of						
23	J	excavating irrespective of depth						
24		Concrete interlock block paving 80 mm thick	187	m2	2.00	374.00	187	374.00
25		Concrete interlock block paviors 80 mm thick; set aside those						
26		suitable for reuse	128	m2	9.25	1184.00	128	1184.00
27		Disposal of inert excavated material						
28		off site	63	m3	31.50	1984.50	63	1984.50
29		<b>SUBSTRUCTURES</b>						
30		<b>GROUNDWORK</b>						
31		<u>D20: EXCAVATING AND FILLING</u>						
32		<u>Excavating</u>						
33		Trenches width exceeding 0.30m						
34	A	maximum depth not exceeding 1.00m	11	m3	12.50	137.50		
35	B	maximum depth not exceeding 2.00m	5	m3	16.00	80.00		
36	C	maximum depth not exceeding 1.00m; adjacent to existing						
37		foundations	4	m3	20.00	80.00		
38	D	Pits; attached to trenches						
39	E	maximum depth not exceeding 2.00m	16	m3	15.00	240.00		
40	F	maximum depth not exceeding 3.00m	31	m3	20.00	620.00		
41	G	maximum depth not exceeding 2.00m; adjacent existing	5	m3	1.50	7.50		
42		Earthwork support						
43	H	maximum depth not exceeding 1.00m; distance between opposing						
44	J	faces not exceeding 2.00m	54	m2	1.50	81.00		
45		maximum depth not exceeding 2.00m; distance between opposing						
46	K	faces not exceeding 2.00m	55	m2	1.50	82.50		
47	L	maximum depth not exceeding 3.00m; distance between opposing						
48	M	faces not exceeding 2.00m	78	m2	1.50	117.00		
49	N	Compacting						
50	P	bottoms of excavations	63	m2	1.00	63.00		
51	Q	surface of formation	172	m2	1.00	172.00	150	150.00
52		surface of MOT	50	m2	1.00	50.00		
53		Compacting and blinding with sand						
54		surface of MOT	172	m2	2.00	344.00		
55		Disposal of inert excavated material						
56		off site	73	m3	31.50	2299.50		
57		<u>MOT1: to be obtained off site</u>						
58		Filling to make up levels						
59		average thickness not exceeding 0.25m	3	m3	73.00	219.00	3	219.00
60		Filling to oversite						
61		average thickness not exceeding 0.25m	52	m3	73.00	3796.00	30	2190.00
62		<u>D21: GROUND GAS VENTING</u>						
63		<u>Radon Gas Vents</u>						
64		Excavate trench; lay pipework; bed and surround in granular						
65	A	110 mm dia perforated pipework; incl bends and the like	5	m	15.00	75.00		
66	B	extra; proprietary sump unit installed and connected in accordance						
67		with manufacturers details	1	nr	80.00	80.00		
68		<b>IN - SITU CONCRETE/ LARGE PRECAST CONCRETE</b>						
69		<u>E10: MIXING/CASTING/CURING/IN-SITU CONCRETE</u>						



	A	B	C	D	E	F	G	H
61		Plain in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix C20, 20 aggregate, minimum cement content 220 kg/m3						
62		Filling hollow walls						
63	C	thickness not exceeding 150	3	m3	145.00	435.00		
64		Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix RC30, 20 aggregate; vibrated						
65		Beds; poured on or against earth or unblinded hardcore						
66	D	thickness 150-450	34	m3	137.00	4658.00		
67		Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix RC35, 20 aggregate; vibrated						
68		Foundations poured on or against earth or unblinded hardcore						
69	E	in pits as trench fill foundation	51	m3	132.00	6732.00		
70		Ground beams; poured on or against earth or unblinded hardcore						
71	F	generally	21	m3	132.00	2772.00		
72		Column casings						
73	G	generally	2	m3	145.00	290.00		
74		<u>E20: FORMWORK FOR IN-SITU CONCRETE</u>						
75		Formwork and basic finish						
76		Sides of foundations; plain vertical						
77	H	height 500 - 1.00m	2	m	45.00	90.00		
78		Column casings; isolated						
79	J	regular shaped; rectangular	23	m2	65.00	1495.00		
80		Formwork and fair finish						
81		Edges of slabs; plain vertical						
82	A	height not exceeding 250	5	m	15.00	75.00		
83		<u>E30: REINFORCEMENT FOR IN-SITU CONCRETE</u>						
84		Reinforcement bars; B.S.4449, hot rolled deformed high yield steel						
85		Cut and bent; standard shapes; tied to cages and the like						
86	B	various diameters	0.60	t	2000.00	1200.00		
87		Reinforcement fabric; B.S.4483, hard drawn plain round steel;						
88		Reference A142, 2.22 kg/m2; 200 side laps; 200 end laps						
89	C	generally; horizontal	94	m2	19.50	1833.00		
90		Reference A252, 3.95 kg/m2; 200 side laps; 200 end laps						
91	D	generally; horizontal	343	m2	25.75	8832.25		
92		<u>E40: DESIGNED JOINTS IN IN-SITU CONCRETE</u>						
93		Formed joints						
94		Joint to slab; Ref IJ; in accordance with engineers details						
95	E	in concrete, depth 200 mm; horizontal	48	m	18.00	864.00		
96		Joint to existing foundation; Ref Xstg Fdn; in accordance with engineers details						
97	F	drilling existing foundation; resin fix dowel bar to existing foundation; other end cast into new foundation; 16 dia x 600 long	24	nr	11.00	264.00		
98		<u>E41: WORKED FINISHES/ CUTTING TO IN-SITU CONCRETE</u>						
99		Worked finishes on in-situ concrete						
100		Power floating						
101	G	surfaces	172	m2	8.00	1376.00		
102		Sikaflor or similar surface hardener; in accordance with manufacturers details						
103	H	surfaces	172	m2	6.00	1032.00		
104		<u>E42: ACCESSORIES CAST INTO IN-SITU CONCRETE</u>						
105		Cast in accessories						
106		Holding down bolt and nut sets; bolts free issue from steel frame contractor; with suitable cone and the like as per engineers detail						
107	A	to steel base plate template; 2 No bolts per plate; release bolts after casting in	2	nr	45.00	90.00		
108	B	to steel base plate template; 4 No bolts per plate; release bolts after casting in	12	nr	45.00	540.00		
109		Non shrink grout to holding down bolts and cones and the like as per engineers detail; neat edge to all sides						
110	C	25 thick to steel base plate; 2 No bolts per plate	2	nr	35.00	70.00		
111	D	25 thick to steel base plate; 4 No bolts per plate	12	nr	35.00	420.00		
112		<u>MASONRY</u>						
113		<u>F10: BRICK/BLOCK WALLING</u>						

	A	B	C	D	E	F	G	H
114		Facing bricks, PC sum £ 600.00 for supply and delivery to site; 215 x 102 5 x 65; in cement-lime mortar (1:1.6); bucket handle pointing as work proceeds						
115		Walls						
116	E	102 thick; stretcher bond; tied to other work	9	m2	98.00	882.00		
117	F	102 thick; stretcher bond; pier tied to other work	2	m2	98.00	196.00		
118		Concrete, lightweight aggregate, blocks, BS.EN.771-3, 440 x 215, solid, keyed both sides, compressive strength 7.0 N/mm2; in cement mortar (1:4)						
119		Walls						
120	G	215 thick; stretcher bond	15	m2	75.00	1125.00		
121	H	100 thick; stretcher bond; skin of cavity wall	47	m2	39.00	1833.00		
122	J	215 thick; stretcher bond; skin of cavity wall	8	m2	75.00	600.00		
123		<u>F30: ACCESSORIES/SUNDRY ITEMS FOR BRICK/BLOCK/STONE WALLING</u>						
124		Forming cavities in hollow walls						
125		Cavity and building in ends of wall ties						
126	K	100 wide	28	m2	1.50	42.00		
127		Designed joints						
128		Tied joints in blockwork						
129	A	100 mm blockwork; tied to steel frame columns at 450 mm centres	15	m	4.50	67.50		
130		<b>WATERPROOFING</b>						
131		<u>J40: FLEXIBLE SHEET TANKING/DAMP PROOFING</u> Bituthene self adhesive damp proof membrane; 50 lapped joints						
132								
133		Tanking and damp proofing						
134	B	vertical to walls	14	m2	40.00	560.00		
135		Polythene DPM; 2000 gauge; lapped and sealed in accordance with manufacturers details						
136		Tanking and damp proofing						
137	C	flat and turned up at edges to lap with DPC	204	m2	1.75	357.00		
138		<b>SURFACE FINISHES</b>						
139		<u>M60: PAINTING/CLEAR FINISHING</u>						
140		2 coats RIW; in accordance with manufacturers details						
141		Iron or steel general surfaces						
142	D	steel columns generally; girth exceeding 300	24	m2	12.00	288.00		
143		<b>BUILDING FABRIC SUNDRIES</b>						
144		<u>P10: SUNDRY INSULATION/PROOFING WORK/ FIRE STOPS</u>						
145		Celotex or similar insulation board; butt joints						
146		Plain areas						
147	E	horizontal; laid loose; 100 thick	172	m2	24.42	4200.24		
148								
149		<b>EXTERNAL WORKS</b>						
150		<b>DEMOLITION/ALTERATION/RENOVATION</b>						
151		<u>C90: ALTERATIONS - SPOT ITEMS</u>						
152		Various locations on site						
153		Taking from store; rebuild in new location						
154	A	salvaged security fence; PROVISIONAL	10	m	50.00	500.00		
155		<b>GROUNDWORK</b>						
156		<u>D20: EXCAVATING AND FILLING</u>						
157		Excavating						
158		Trenches width exceeding 0.30m						
159	B	maximum depth not exceeding 1.00m		m3	12.50			
160		Earthwork support						
161	C	maximum depth not exceeding 1.00m; distance between opposing faces not exceeding 2.00m		m2	16.00			
162		Compacting						
163	D	bottoms of excavations		m2	1.00			
164	E	surface of formation	38	m2	1.00	38.00		
165	F	surface of MOT	38	m2	1.00	38.00		
166		Compacting and minor regrading						
167	G	surface of MOT	128	m2	2.50	320.00		
168		Disposal of inert excavated material						
169	H	off site		m3	31.50			
170		<u>MOT1: to be obtained off site</u>						
171		Filling to driveways, parking areas and the like						
172	J	average thickness not exceeding 0.25m	4	m3	73.00	292.00		
173		Filling to gravel margin						
174	K	average thickness not exceeding 0.25m	4	m3	105.00	420.00		
175		<b>IN - SITU CONCRETE/ LARGE PRECAST CONCRETE</b>						

	A	B	C	D	E	F	G	H
176		<u>E10: MIXING/CASTING/CURING/IN-SITU CONCRETE</u>						
177		Plain in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix C20, 20 aggregate, minimum cement content 220 kg/m3						
178		Foundations poured on or against earth or unblinded hardcore						
179	A	in trenches as trench fill foundation		m3	135.00			
180		<u>E60: PRECAST/COMPOSITE CONCRETE DECKING</u>						
181		Precast concrete stair units; manufacturer designed; in accordance with manufacturers details						
182		stair and landing units; hoisted and fixed in position in accordance with manufacturers details						
183	B	Straight flight; Ref Escape stairs	1	nr				
184		<b>MASONRY</b>						
185		<u>F10: BRICK/BLOCK WALLING</u>						
186		Engineering bricks, BS.EN.771-1, Category F, 215 x 102.5 x 65, class B; in cement mortar (1:3); bucket handle pointing as work proceeds						
187		Walls						
188	C	215 thick; stretcher bond; pointed one side		m2	210.00			
189		<b>WINDOWS/DOORS/STAIRS</b>						
190		<u>L30: STAIRS/WALKWAYS/BALUSTRADES</u>						
191		Handrails in Galvanized steel after fabrication						
192		tubular balustrades and integral handrails						
193	D	handrails fixed to walls to escape stairs	1	Item				
194		<b>PAVING/PLANTING/FENCING/SITE FURNITURE</b>						
195		<u>Q10: KERBS/EDGINGS/CHANNELS/PAVING ACCESSORIES</u>						
196		Precast concrete; standard or stock pattern units; B.S.7533-4; bedding, jointing and pointing in cement mortar (1:3); on plain in-situ concrete foundation; BS.EN.206-1 & BS.8500 ordinary prescribed mix C20P, 20 aggregate						
197		Kerbs; rectangular section; half battered type HB2; concrete foundation and haunching; formwork						
198	E	125 x 255 kerb; 300 x 150 foundation	4	m	45.00	180.00		
199	F	extra; external angle	1	nr	15.00	15.00		
200	A	extra; internal angle	1	nr	15.00	15.00		
201	B	extra; joint to existing	1	nr	8.00	8.00		
202		Edgings; rectangular section; flat top type EF; concrete foundation and haunching; formwork						
203	C	50 x 200 edging; 300 x 150 foundation	13	m	19.00	247.00		
204		<u>Q23: GRAVEL/HOGGIN/WOODCHIP ROADS/PAVINGS</u>						
205		Gravel; washed 19 mm						
206		Pavings						
207	D	50 thick; level or to falls	38	m2	20.00	760.00		
208		<u>Q24: INTERLOCKING BRICK/BLOCK ROADS/PAVINGS</u>						
209		Precast concrete paving blocks; 30 sand bedding, symmetrical half bond layout; covering with washed non-staining sand; compacting with plate vibrator, sweeping off surplus						
210		100 x 200 x 80 units to pavings; as set aside previously						
211	E	level and to falls only	128	m2	15.75	2016.00		
212	F	extra; form fair joint to existing paving	24	m	17.00	408.00		
213		<u>Q50: SITE/STREET FURNITURE/EQUIPMENT</u>						
214		PPC steel						
215		Fixed bollards						
216	G	ram raid bollard; set in concrete foundation in accordance with manufacturers details	4	nr	325.00	1300.00		
217								
218		<b>DRAINAGE and SERVICES</b>						
219		<b>DISPOSAL SYSTEMS</b>						
220		<u>R12: STORM DRAINAGE BELOW GROUND</u>						
221		Excavating trenches to receive pipes not exceeding 200 nominal size; disposing of surplus excavated material off site; Backfill in						
222		Commencing from formation level						
223	A	average depth 250 - 500	16	m	18.00	288.00		
224	B	average depth 500 - 750	21	m	21.00	441.00		
225	C	average depth 750 - 1000	2	m	24.00	48.00		
226		Excavating trenches to expose pipes not exceeding 200 nominal size; break out; disposing of surplus excavated material off site; Backfill in MOT						
227		Commencing from ground level						



# HAWKES GROUP

DEMOLITION • GROUNDWORK  
CIVIL ENGINEERING

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## Invoice

Cust. Order

Invoice No

Invoice / Tax Date

7302

09/05/2022

Quantity	Details	Unit Price £	Net Amount
0.0	Factory Extention	0.00	0.00
1.0	Valuation No 3	13,359.95	13,359.95

Total Net Amount **13,359.95**

VAT **2,671.99**

**Invoice Total 16,031.94**

**\* Payment Methods:**

BACS payment to be sent to Lloyds Bank  
Account No: 67985060  
Sort Code: 30-96-09

Thank you for your business

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	A	B	C	D	E	F	G	H
1		<b>FACTORY EXTENSION MICRON ENGINEERING</b>						
2		<b>SITE PREPARATION</b>						
3		<b>GROUNDWORK</b>						
4		<u>D20: EXCAVATING AND FILLING</u>						
5		<u>Site preparation</u>						
6		Trimming hedges; cut back face and top to new line and level						
7	A	height 2.00 - 5.00	12	m	41.66	499.92		
8		Take down existing ; set aside for reuse; backfill foundations in						
9	B	Galvanised security type fence 2100 mm high; PROVISIONAL	10	m	45.45	454.50		
10		Excavate trial holes and the like; backfill and make good on						
11	C	completion to match existing						
12		to locate existing drainage and services; n/e 2.00 m deep	1	Item	600.00	600.00	1	600.00
13		<u>Excavating</u>						
14	D	To reduce levels						
15		maximum depth not exceeding 0.50m	63	m3	4.50	283.50	63	283.50
16	E	Pits; for trial holes to expose buried storm drain						
17		maximum depth not exceeding 3.00m; approx 1.50 x 1.20; mainly						
18	F	by hand; inspect findings and backfill in SEM	3	nr	800.00	2400.00	2	1600.00
19		Breaking out existing materials; extra over any types of excavation						
20		irrespective of depth						
21		existing kerbs; HB2; including foundation and haunch	29	m	3.50	101.50	20	70.00
22		Breaking out existing hard pavings; extra over any types of						
23		excavating irrespective of depth						
24	G	Concrete interlock block paving 80 mm thick	187	m2	2.00	374.00	187	374.00
25	H	Concrete interlock block paviors 80 mm thick; set aside those						
26		suitable for reuse	128	m2	9.25	1184.00	128	1184.00
27		Disposal of inert excavated material						
28	J	off site	63	m3	31.50	1984.50	63	1984.50
29								
30		<b>SUBSTRUCTURES</b>						
31		<b>GROUNDWORK</b>						
32		<u>D20: EXCAVATING AND FILLING</u>						
33		<u>Excavating</u>						
34		Trenches width exceeding 0.30m						
35	A	maximum depth not exceeding 1.00m	11	m3	12.50	137.50	8	100.00
36	B	maximum depth not exceeding 2.00m	5	m3	16.00	80.00	4	64.00
37	C	maximum depth not exceeding 1.00m; adjacent to existing						
38		foundations	4	m3	20.00	80.00	4	80.00
39		Pits; attached to trenches						
40	D	maximum depth not exceeding 2.00m	16	m3	15.00	240.00	10	150.00
41	E	maximum depth not exceeding 3.00m	31	m3	20.00	620.00	14	280.00
42	F	maximum depth not exceeding 2.00m; adjacent existing	5	m3	1.50	7.50	5	7.50
43		Earthwork support						
44	G	maximum depth not exceeding 1.00m; distance between opposing						
45		faces not exceeding 2.00m	54	m2	1.50	81.00	54	81.00
46	H	maximum depth not exceeding 2.00m; distance between opposing						
47		faces not exceeding 2.00m	55	m2	1.50	82.50	40	60.00
48	J	maximum depth not exceeding 3.00m; distance between opposing						
49		faces not exceeding 2.00m	78	m2	1.50	117.00	70	105.00
50		Compacting						
51	K	bottoms of excavations	63	m2	1.00	63.00	50	50.00
52	L	surface of formation	172	m2	1.00	172.00	150	150.00
53	M	surface of MOT	50	m2	1.00	50.00		
54		Compacting and blinding with sand						
55	N	surface of MOT	172	m2	2.00	344.00		
56		Disposal of inert excavated material						
57	P	off site	73	m3	31.50	2299.50	45	1417.50
58		<u>MOT1; to be obtained off site</u>						
59		Filling to make up levels						

**HAWKES  
GROUP**

DEMOLITION • GROUNDWORK  
CIVIL ENGINEERING

VALUATION No 3  
DATED 09/05/22

	A	B	C	D	E	F	G	H
51	Q	average thickness not exceeding 0.25m	3	m3	73.00	219.00	3	219.00
52		Filling to oversite						
53		average thickness not exceeding 0.25m	52	m3	73.00	3796.00	30	2190.00
54		<u>D21: GROUND GAS VENTING</u>						
55		Radon Gas Vents						
56		Excavate trench; lay pipework; bed and surround in granular						
57	A	110 mm dia perforated pipework; incl bends and the like	5	m	15.00	75.00		
58	B	extra; proprietary sump unit installed and connected in accordance with manufacturers details	1	nr	80.00	80.00		
59		<b>IN - SITU CONCRETE/ LARGE PRECAST CONCRETE</b>						
60		<u>E10: MIXING/CASTING/CURING/IN-SITU CONCRETE</u>						
61		Plain in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix C20, 20 aggregate, minimum cement content 220 kg/m3						
62		Filling hollow walls						
63	C	thickness not exceeding 150	3	m3	145.00	435.00		
64		Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix RC30, 20 aggregate; vibrated						
65		Beds; poured on or against earth or unblinded hardcore						
66	D	thickness 150-450	34	m3	137.00	4658.00		
67		Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix RC35, 20 aggregate; vibrated						
68		Foundations poured on or against earth or unblinded hardcore						
69	E	in pits as trench fill foundation	51	m3	132.00	6732.00	29	3828.00
70		Ground beams; poured on or against earth or unblinded hardcore						
71	F	generally	21	m3	132.00	2772.00	16	2112.00
72		Column casings						
73	G	generally	2	m3	145.00	290.00		
74		<u>E20: FORMWORK FOR IN-SITU CONCRETE</u>						
75		Formwork and basic finish						
76		Sides of foundations; plain vertical						
77	H	height 500 - 1.00m	2	m	45.00	90.00		
78		Column casings; isolated						
79	J	regular shaped; rectangular	23	m2	65.00	1495.00		
80		Formwork and fair finish						
81		Edges of slabs; plain vertical						
82	A	height not exceeding 250	5	m	15.00	75.00		
83		<u>E30: REINFORCEMENT FOR IN-SITU CONCRETE</u>						
84		Reinforcement bars; B.S.4449, hot rolled deformed high yield steel						
85		Cut and bent; standard shapes; tied to cages and the like						
86	B	various diameters	0.60	t	2000.00	1200.00	0.6	1200.00
87		Reinforcement fabric; B.S.4483, hard drawn plain round steel;						
88		Reference A142, 2.22 kg/m2; 200 side laps; 200 end laps						
89	C	generally; horizontal	94	m2	19.50	1833.00	94	1833.00
90		Reference A252, 3.95 kg/m2; 200 side laps; 200 end laps						
91	D	generally; horizontal	343	m2	25.75	8832.25		
92		<u>E40: DESIGNED JOINTS IN IN-SITU CONCRETE</u>						
93		Formed joints						
94		Joint to slab; Ref IJ; in accordance with engineers details						
95	E	in concrete, depth 200 mm; horizontal	48	m	18.00	864.00		
96		Joint to existing foundation; Ref Xstg Fdn; in accordance with engineers details						
97	F	drilling existing foundation; resin fix dowel bar to existing foundation; other end cast into new foundation; 16 dia x 600 long	24	nr	11.00	264.00	24	264.00
98		<u>E41: WORKED FINISHES/ CUTTING TO IN-SITU CONCRETE</u>						

	A	B	C	D	E	F	G	H
99		<u>Worked finishes on in-situ concrete</u>						
100		Power floating						
101	G	surfaces	172	m2	8.00	1376.00		
102		Sikaflor or similar surface hardener; in accordance with manufacturers details						
103	H	surfaces	172	m2	6.00	1032.00		
104		<u>E42: ACCESSORIES CAST INTO IN-SITU CONCRETE</u>						
105		<u>Cast in accessories</u>						
106		Holding down bolt and nut sets; bolts free issue from steel frame contractor; with suitable cone and the like as per engineers detail						
107	A	to steel base plate template; 2 No bolts per plate; release bolts after casting in	2	nr	45.00	90.00	2	90.00
108	B	to steel base plate template; 4 No bolts per plate; release bolts after casting in	12	nr	45.00	540.00	10	450.00
109		Non shrink grout to holding down bolts and cones and the like as per engineers detail; neat edge to all sides						
110	C	25 thick to steel base plate; 2 No bolts per plate	2	nr	35.00	70.00		
111	D	25 thick to steel base plate; 4 No bolts per plate	12	nr	35.00	420.00		
112		<b>MASONRY</b>						
113		<u>F10: BRICK/BLOCK WALLING</u>						
114		<u>Facing bricks, PC sum £ 600.00 for supply and delivery to site; 215 x 102 5 x 65; in cement-lime mortar (1:1:6); bucket handle pointing as work proceeds</u>						
115		Walls						
116	E	102 thick; stretcher bond; tied to other work	9	m2	98.00	882.00		
117	F	102 thick; stretcher bond; pier tied to other work	2	m2	98.00	196.00		
118		<u>Concrete, lightweight aggregate, blocks, BS.EN.771-3, 440 x 215, solid, keyed both sides, compressive strength 7.0 N/mm2; in cement mortar (1:4)</u>						
119		Walls						
120	G	215 thick; stretcher bond	15	m2	75.00	1125.00		
121	H	100 thick; stretcher bond; skin of cavity wall	47	m2	39.00	1833.00		
122	J	215 thick; stretcher bond; skin of cavity wall	8	m2	75.00	600.00		
123		<u>F30: ACCESSORIES/SUNDRY ITEMS FOR BRICK/BLOCK/STONE WALLING</u>						
124		<u>Forming cavities in hollow walls</u>						
125		Cavity and building in ends of wall ties						
126	K	100 wide	28	m2	1.50	42.00		
127		<u>Designed joints</u>						
128		Tied joints in blockwork						
129	A	100 mm blockwork; tied to steel frame columns at 450 mm centres	15	m	4.50	67.50		
130		<b>WATERPROOFING</b>						
131		<u>J40: FLEXIBLE SHEET TANKING/DAMP PROOFING</u>						
132		<u>Bituthene self adhesive damp proof membrane; 50 lapped joints</u>						
133		Tanking and damp proofing						
134	B	vertical to walls	14	m2	40.00	560.00		
135		<u>Polythene DPM; 2000 guage; lapped and sealed in accordance with manufacturers details</u>						
136		Tanking and damp proofing						
137	C	flat and turned up at edges to lap with DPC	204	m2	1.75	357.00		
138		<b>SURFACE FINISHES</b>						
139		<u>M60: PAINTING/CLEAR FINISHING</u>						
140		<u>2 coats RIW; in accordance with manufacturers details</u>						
141		Iron or steel general surfaces						
142	D	steel columns generally; girth exceeding 300	24	m2	12.00	288.00		
143		<b>BUILDING FABRIC SUNDRIES</b>						
144		<u>P10: SUNDRY INSULATION/PROOFING WORK/ FIRE STOPS</u>						



	A	B	C	D	E	F	G	H
145		Celotex or similar insulation board; butt joints						
146		Plain areas						
147	E	horizontal; laid loose; 100 thick	172	m2	24.42	4200.24		
148								
149		<b>EXTERNAL WORKS</b>						
150		<b>DEMOLITION/ALTERATION/RENOVATION</b>						
151		<u>C90: ALTERATIONS - SPOT ITEMS</u>						
152		Various locations on site						
153		Taking from store; rebuild in new location						
154	A	salvaged security fence; PROVISIONAL	10	m	50.00	500.00		
155		<b>GROUNDWORK</b>						
156		<u>D20: EXCAVATING AND FILLING</u>						
157		Excavating						
158		Trenches width exceeding 0.30m						
159	B	maximum depth not exceeding 1.00m		m3	12.50			
160		Earthwork support						
161	C	maximum depth not exceeding 1.00m; distance between opposing faces not exceeding 2.00m		m2	16.00			
162		Compacting						
163	D	bottoms of excavations		m2	1.00			
164	E	surface of formation	38	m2	1.00	38.00		
165	F	surface of MOT	38	m2	1.00	38.00		
166		Compacting and minor regrading						
167	G	surface of MOT	128	m2	2.50	320.00		
168		Disposal of inert excavated material						
169	H	off site		m3	31.50			
170		<u>MOT1; to be obtained off site</u>						
171		Filling to driveways, parking areas and the like						
172	J	average thickness not exceeding 0.25m	4	m3	73.00	292.00		
173		Filling to gravel margin						
174	K	average thickness not exceeding 0.25m	4	m3	105.00	420.00		
175		<b>IN - SITU CONCRETE/ LARGE PRECAST CONCRETE</b>						
176		<u>E10: MIXING/CASTING/CURING/IN-SITU CONCRETE</u>						
177		Plain in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix						
178		<u>C20, 20 aggregate, minimum cement content 220 kg/m3</u>						
179	A	Foundations poured on or against earth or unblinded hardcore						
180		in trenches as trench fill foundation		m3	135.00			
181		<u>E60: PRECAST/COMPOSITE CONCRETE DECKING</u>						
182		Precast concrete stair units; manufacturer designed; in accordance with manufacturers details						
183	B	stair and landing units; hoisted and fixed in position in accordance with manufacturers details						
184		Straight flight; Ref Escape stairs	1	nr				
185		<b>MASONRY</b>						
186		<u>F10: BRICK/BLOCK WALLING</u>						
187		Engineering bricks, BS.EN.771-1, Category F, 215 x 102.5 x 65, class B; in cement mortar (1:3); bucket handle pointing as work proceeds						
188	C	Walls		m2	210.00			
189		215 thick; stretcher bond; pointed one side						
190		<b>WINDOWS/DOORS/STAIRS</b>						
191		<u>L30: STAIRS/WALKWAYS/BALUSTRADES</u>						
192		Handrails in Galvanized steel after fabrication						
193	D	tubular balustrades and integral handrails						
194		handrails fixed to walls to escape stairs	1	Item				
195		<b>PAVING/PLANTING/FENCING/SITE FURNITURE</b>						
		<u>Q10: KERBS/EDGINGS/CHANNELS/PAVING ACCESSORIES</u>						

	A	B	C	D	E	F	G	H
196		Precast concrete; standard or stock pattern units; B.S.7533-4; bedding, jointing and pointing in cement mortar (1:3); on plain in-situ concrete foundation; BS.EN.206-1 & BS.8500 ordinary prescribed mix C20P, 20 aggregate						
197		Kerbs; rectangular section; half battered type HB2; concrete foundation and haunching; formwork						
198	E	125 x 255 kerb; 300 x 150 foundation	4	m	45.00	180.00		
199	F	extra; external angle	1	nr	15.00	15.00		
200	A	extra; internal angle	1	nr	15.00	15.00		
201	B	extra; joint to existing	1	nr	8.00	8.00		
202		Edgings; rectangular section; flat top type EF; concrete foundation and haunching; formwork						
203	C	50 x 200 edging; 300 x 150 foundation	13	m	19.00	247.00		
204		<u>Q23: GRAVEL/HOGGIN/WOODCHIP ROADS/PAVINGS</u>						
205		Gravel; washed 19 mm						
206		Pavings						
207	D	50 thick; level or to falls	38	m2	20.00	760.00		
208		<u>Q24: INTERLOCKING BRICK/BLOCK ROADS/PAVINGS</u>						
209		Precast concrete paving blocks; 30 sand bedding, symmetrical half bond layout; covering with washed non-staining sand, compacting with plate vibrator, sweeping off surplus						
210		100 x 200 x 80 units to pavings; as set aside previously						
211	E	level and to falls only	128	m2	15.75	2016.00		
212	F	extra; form fair joint to existing paving	24	m	17.00	408.00		
213		<u>Q50: SITE/STREET FURNITURE/EQUIPMENT</u>						
214		PPC steel						
215		Fixed bollards						
216	G	ram raid bollard; set in concrete foundation in accordance with manufacturers details	4	nr	325.00	1300.00		
217								
218		<b><u>DRAINAGE and SERVICES</u></b>						
219		<b><u>DISPOSAL SYSTEMS</u></b>						
220		<u>R12: STORM DRAINAGE BELOW GROUND</u>						
221		<u>Excavating trenches to receive pipes not exceeding 200 nominal size; disposing of surplus excavated material off site; Backfill in</u>						
222		<u>Commencing from formation level</u>						
223	A	average depth 250 - 500	16	m	18.00	288.00		
224	B	average depth 500 - 750	21	m	21.00	441.00		
225	C	average depth 750 - 1000	2	m	24.00	48.00		
226		<u>Excavating trenches to expose pipes not exceeding 200 nominal size; break out; disposing of surplus excavated material off site; Backfill in MOT</u>						
227		<u>Commencing from ground level</u>						
228	D	average depth 500 - 750	13	m	30.00	390.00	10	300.00
229		<u>Excavating to expose existing yard gully; disposing of surplus excavated material off site</u>						
230		Breaking out complete with associated items; and local drain runs; remove debris from site						
231	E	in yard	1	nr	75.00	75.00	1	75.00
232		<u>Granular material, 10 - 20 nominal size, to be obtained off site</u>						
233		Beds and surrounds						
234	F	450 x 600 bed; 150 thick surround to 110 nominal size pipe; wrapped in terram geotextile	11	m	9.00	99.00		
235		<u>Plain in-situ concrete; BS.EN.206-1 &amp; BS.8500, ordinary prescribed mix C15P, 20 aggregate</u>						
236		Beds and surrounds						
237	G	450 x 450 bed; 150 thick surround to 150 nominal size pipe	39	m	11.50	448.50		
238		<u>uPVC pipes and fittings. Twinwall pipes; ring seal joints</u>						
239		<u>Pipework in trenches</u>						

	A	B	C	D	E	F	G	H
240	H	150 nominal size	35	m	15.00	525.00		
241	J	extra; branches	3	nr	32.00	96.00		
	K	extra; RWP position incl concrete bed and surround; adaptor collar						
242		etc	3	nr	35.00	105.00		
243	L	extra; Yard gully complete incl concrete bed and surround etc	3	nr	85.00	255.00		
	A	extra; Rodding eye access complete incl concrete bed and						
244		surround etc	1	nr	35.00	35.00		
	B	extra; 450 dia inspection chamber complete incl concrete bed and						
245		surround, CI cover etc; 750 to invert	1	nr	375.00	375.00		
	C	extra; prepare end of existing pipe run; form new 150 dia						
246		connection complete; make good all work disturbed; n/e 1000 to	1	nr	55.00	55.00		
247	D	extra; non return valve to pipe run	1	nr	75.00	75.00		
248		<u>uPVC pipes and fittings, Coiled pipes; collar joints</u>						
249		Pipework in trenches						
250	E	110 nominal size; perforated	15	m	12.00	180.00		
251		<u>Generally</u>						
252		Disposal of water						
253	F	surface water	1	Item	150.00	150.00		
254	G	ground water	1	Item	150.00	150.00		
255		<u>Testing and commissioning</u>						
256		Drainage system						
257	H	to inspecting authority requirements	1	Item	1250.00	1250.00		
258								
259		<b><u>PRELIMINARIES</u></b>						
260		<u>A10 - A55 CONTRACTORS PRELIMINARIES</u>						
	A	<u>Contractor to assess and include all items as required to complete</u>						
261		<u>the works</u>	1	Item	7500.00	7500.00	0.15	1125.00
262								
263		Fixed Price			5%	3937.12		1116.35
264								
265								
266						82679.53		23443.35
267								
268		Trenches and ducts for electric diversion				2371.20		2371.20
269		Alter and extend water service pipe				172.50		172.50
270		Formwork to edge of foundations dug through stone ground				285.00		285.00
		Extra lowloader visits to leave site and reattend when gas service						
271		moved				325.00		325.00
		Extra depth of foundations as required by B Insp into virgin ground;						
272		approx 250 mm - 0			ON ACC - to be confirmed			500.00
273					when all done			
274								
275						85833.23		27097.05
276								
277			RETENTION				5%	1354.85
278								
279			PREV PAID					12382.25
280								
281			THIS PERIOD				£	13359.95
282								
283								

**PLUS VAT**