

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

NN6 9BX



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In	voice	Cust. Order	Invoice No 7295	Invoice / Tax Date 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

TA	В	С	D	Е	F	G	Н
1	FACTORY EXTENSION MICRON ENGINEERING	1		A VA/L	CEC		
2	SITE PREPARATION		FIZ	4Wk			TION No 1
3	GROUNDWORK			GROL		DATE	17/12/21
4	D20: EXCAVATING AND FILLING			LITION • GRO IVIL ENGINEI			
5	Site preparation Trimming hedges; cut back face and top to new line and level						
6 7 A	height 2.00 - 5.00	12	l m	41.66	499.92		
	Take down existing; set aside for reuse; backfill foundations in	12	"	41.00	733.32		
8 9 B	Galvanised security type fence 2100 mm high; PROVISIONAL	10	l m	45.45	454.50		
H	Excavate trial holes and the like; backfill and make good on	10	"	75.75	454.50		
10	completion to match existing						
11 C	to locate existing drainage and services; n/e 2.00 m deep	1	Item	600.00	600.00		
12	Excavating						
13	To reduce levels						
14 D	maximum depth not exceeding 0.50m	63	m3	4.50	283.50	20	90.00
15	Pits; for trial holes to expose buried storm drain						
E	maximum depth not exceeding 3.00m; approx 1.50 x 1.20; mainly						
16	by hand; inspect findings and backfill in SEM	3	nr	800.00	2400.00		
	Breaking out existing materials; extra over any types of excavation irrespective of depth						
17 18 F	existing kerbs; HB2; including foundation and haunch	29	m	3.50	101.50	20	70.00
10	Breaking out existing hard pavings; extra over any types of	29	""	3.50	101.50	20	70.00
19	excavating irrespective of depth						
20 G	Concrete interlock block paving 80 mm thick	187	m2	2.00	374.00	50	100.00
Н	Concrete interlock block paviors 80 mm thick; set aside those						
21	suitable for reuse	128	m2	9.25	1184.00	128	1184.00
22	Disposal of inert excavated material						
23 J	off site	63	m3	31.50	1984.50	10	315.00
24							
25	SUBSTRUCTURES						
26	GROUNDWORK D20: EXCAVATING AND FILLING						
27	Excavating						
29	Trenches width exceeding 0.30m						
30 A	maximum depth not exceeding 1.00m	11	m3	12,50	137.50		
31 B	maximum depth not exceeding 2.00m	5	1	16.00	80.00		
C	maximum depth not exceeding 1.00m; adjacent to existing						
32	foundations	4	m3	20.00	80.00		
33	Pits; attached to trenches						
34 D	maximum depth not exceeding 2.00m	16	m3	15.00	240.00		
35 E	maximum depth not exceeding 3.00m	31	m3	20.00	620.00		
36 F	maximum depth not exceeding 2.00m; adjacent existing	5	m3	1.50	7.50		
37	Earthwork support						
G	maximum depth not exceeding 1.00m; distance between opposing faces not exceeding 2.00m			4.50	04.00		
38 H	maximum depth not exceeding 2.00m; distance between opposing	54	m2	1.50	81.00		
39	faces not exceeding 2.00m	55	m2	1.50	82.50		
ال	maximum depth not exceeding 3.00m; distance between opposing	33	""2	1.50	02.50		
40	faces not exceeding 2.00m	78	m2	1.50	117.00		
41	Compacting						
42 K	bottoms of excavations	63	m2	1.00	63.00		
43 L	surface of formation	172	m2	1.00	172.00		
44 M	surface of MOT	50	m2	1.00	50.00		
45	Compacting and blinding with sand						
46 N	surface of MOT	172	m2	2.00	344.00		
47	Disposal of inert excavated material off site				2000 50		
48 P	oπ site MOT1; to be obtained off site	73	m3	31.50	2299.50		
49 50	Filling to make up levels						
51 Q	average thickness not exceeding 0.25m	3	m3	73.00	219.00		
52	D21: GROUND GAS VENTING	ľ					
53	Radon Gas Vents						
54	Excavate trench; lay pipework; bed and surround in granular						
55 A	110 mm dia perforated pipework; incl bends and the like	5	m	15.00	75.00		
В	extra; proprietary sump unit installed and connected in accordance						
56	with manufacturers details	1	nr	80.00	80.00		
57	IN - SITU CONCRETE/ LARGE PRECAST CONCRETE						
58	E10: MIXING/CASTING/CURING/IN-SITU CONCRETE						
	Plain in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix						
59	C20, 20 aggregate, minimum cement content 220 kg/m3						
60	Filling hollow walls						

	В	С	D	E	F	G	Н
61 C	thickness not exceeding 150	3	m3	145.00	435.00	G	н
61	Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed	٥	nis	145.00	435.00		
62	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		
04	Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed	34	1110	137.00	4050.00		
65	mix RC35, 20 aggregate; vibrated						
03	Foundations poured on or against earth or unblinded hardcore						
	l outdations poured on or against earth or unbillided hardcore						
66 67 E	in pits as trench fill foundation	51	m3	132.00	6732.00		
107	Ground beams; poured on or against earth or unblinded hardcore	31	1113	132.00	0732.00		
	Cround beams, podred on or against earth or unbinded hardoore						
68 69 F	generally	21	m3	132.00	2772.00		
70	Column casings	21	1113	132.00	2112.00		
70 71 G	generally	2	m3	145.00	290.00		
72	E20: FORMWORK FOR IN-SITU CONCRETE	- [1113	145.00	200.00		
73	Formwork and basic finish						
74	Sides of foundations; plain vertical						
75 H	height 500 - 1.00m	2	m	45.00	90.00	9	
76	Column casings; isolated	- ["	45.00	90.00		
76 77 J	regular shaped; rectangular	23	m2	65.00	1495.00		
	Formwork and fair finish	23	1112	03.00	1495.00		
78 79	Edges of slabs; plain vertical						
80 A	height not exceeding 250	_	_	15.00	75.00		
	E30: REINFORCEMENT FOR IN-SITU CONCRETE	5	m	15.00	75.00		
81	Reinforcement bars; B.S.4449, hot rolled deformed high yield steel						
	Remorcement bars, b.3.4449, not rolled deformed high yield steel						
82	Cut and bent; standard shapes; tied to cages and the like						
83 84 B	various diameters	0.60		2000.00	1200.00		
	Reinforcement fabric; B.S.4483, hard drawn plain round steel;	0.60	,	2000.00	1200.00		
85							
86 87 C	Reference A142, 2.22 kg/m2; 200 side laps; 200 end laps		_ [
101	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	E40: DESIGNED JOINTS IN IN-SITU CONCRETE				1		
91	Formed joints						
92	Joint to slab; Ref IJ; in accordance with engineers details						
93 E	in concrete, depth 200 mm; horizontal Joint to existing foundation; Ref Xstg Fdn; in accordance with	48	m	18.00	864.00		
	engineers details						
94 F	drilling existing foundation; resin fix dowel bar to existing						
1 1	foundation; other end cast into new foundation; 16 dia x 600 long						
0.5	loundation, other end dast into new loundation, To did x 555 long	24	200	11.00	264.00		
95	E41: WORKED FINISHES/ CUTTING TO IN-SITU CONCRETE	24	nr	11.00	204.00		
	E41. WORKED FINISHES/ COTTING TO IN-SITE CONORETE						
96 97	Worked finishes on in-situ concrete						
98	Power floating						
98 99 G	surfaces	172	m2	8.00	1376.00		
99	Sikafilor or similar surface hardener; in accordance with	172	1112	8.00	1370.00		
100	manufacturers details						
101 H	surfaces	470		6.00	1032.00		
102	E42: ACCESSORIES CAST INTO IN-SITU CONCRETE	172	m2	0.00	1032.00		
102	Cast in accessories						
103	Holding down bolt and nut sets; bolts free issue from steel frame						
	contractor; with suitable cone and the like as per engineers detail						
104	solution, with suitable solls and the like de per originesse detail						
104 A	to steel base plate template; 2 No bolts per plate; release bolts						
	after casting in	2		45.00	90.00		
105 B	to steel base plate template; 4 No bolts per plate; release bolts	- 4	nr	45.00	90.00		
106	after casting in	12	nr	45.00	540.00		
106	Non shrink grout to holding down bolts and cones and the like as	12	["	45.00	540.00		
107	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	MASONRY	12	"	33.00	720.00		
111	F10: BRICK/BLOCK WALLING						
111	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						
112	pointing as work proceeds						
113	Walls						
114 E	102 thick; stretcher bond; tied to other work	9	m2	98.00	882.00		
-							

115 102 high, stellacher bond, pler tied to other work 2016 2					-			
Concrete, lightweight aggregate, blocks, BS.EN.71-3.4 AU x 215, solid, keyed both sides, compressive strength 7.0 Nmm2. In coment mortar (1.4) Walls	A A	102 thick: stratcher bond: pier tied to other work	С	D	E	F 400.00	G	Н
	115		2	m2	98.00	196.00		
Sement mortar (1.4)								
Walls								
15 15 15 15 15 15 15 15	-							
100 thick; stretcher bond, skin of cavity wall 37 mz 38 au 1833.00		1.1.1.1						
275 thick, stretcher bond, ikin of cavity wall F30.ACCESSORIES/SURPAYERS FOR.		l '	15	m2	75.00	1125.00		
		·	47	m2	39.00	1833.00		
BRICKME LOCKSTONE WALLING	120 J		8	m2	75.00	600.00		
Forming cavities in hollow walls 2				1				
Carly and building in ends of wall ties 28								
100 wide 28 m2 1.50 42.00	122	Forming cavities in hollow walls						
Designed Joints Designed J		Cavity and building in ends of wall ties						
Tied joints in blockwork Item I	124 K	100 wide	28	m2	1.50	42.00		
100 mm blockwork; tied to steel frame columns at 450 mm centres 15 m 4.50 87.50 87.50 9.	125	Designed joints						
WATERROOFING	126	Tied joints in blockwork						
WATERROOFING	127 A	100 mm blockwork; tied to steel frame columns at 450 mm centres	15	m	4.50	67.50		
	128	WATERPROOFING						
Stuthene self adhesive damp proof membrane; 50 lapped joints 14 m2		J40: FLEXIBLE SHEET TANKING/DAMP PROOFING						
Tanking and damp proofing Polythene DPM_2000 guage, lapped and sealed in accordance With manufacturers details Tanking and damp proofing Tanking and damp proofi		Bituthene self adhesive damp proof membrane: 50 lapped joints						
Tanking and damp proofing 14 mz	130							
		Tanking and damp proofing						
Polythene DPM: 2000 gusage; lapped and sealed in accordance with manufacturers details		1 - '' -	14	_{m2}	40 00	560.00		
with manufacturers details 133			17	""*	÷0.00	550.00		
Tanking and damp proofing Italian durined up at edges to lap with DPC 204 m2 1.75 357.00 SURFACE FINISHES M60. PAINTING/CLEAR FINISHING 2 coasis RIW. in accordance with manufacturers details Iron or steel general surfaces Iron or surfaces Iron or steel general surfaces Iron or	133							
135								
SURFACE FINSHES	135 C		204		1 75	257.00		
M60: PAINTING/CLEAR FINISHING			204	"12	1.75	357.00		
Iron or steel general surfaces steel columns generally; girth exceeding 300 steel columns generally; girth exceed	_							
Steel columns generally; girth exceeding 300 24 mz 12.00 288.00	_							
BUILDING FABRIC SUNDRISS P10: SUNDRY INSULATION/PROOFING WORK/ FIRE STOPS				ا ا				
142 Celotex or similar insulation board; but to ionits 143 Plain areas Pla			24	m2	12.00	288.00		
Celotex or similar insulation board; butt joints	141							
Celotex or similar insulation board; butt joints Plain areas		P10: SUNDRY INSULATION/PROOFING WORK/ FIRE STOPS						
Plain areas horizontal; laid loose; 100 thick								
horizontal; laid loose; 100 thick								
EXTERNAL WORKS								
EXTERNAL WORKS DEMOLITION/ALTERATION/RENOVATION	145 E	horizontal; laid loose; 100 thick	172	m2	24.42	4200.24		
DEMOLITION/ALTERATION/RENOVATION C39. ALTERATIONS - SPOT ITEMS	146							
C90: ALTERATIONS - SPOT ITEMS Various locations on site Various location Various location Various locations Variou	147	EXTERNAL WORKS						
150 Various locations on site Taking from store; rebuild in new location salvaged security fence; PROVISIONAL 10 m 50.00 500.00	148							
Taking from store; rebuild in new location salvaged security fence; PROVISIONAL 10 m 50.00 500.00	149	C90: ALTERATIONS - SPOT ITEMS						
Salvaged security fence; PROVISIONAL 10 m 50.00 500.00	150	Various locations on site						
153 GROUNDWORK D20: EXCAVATING AND FILLING Excavating Trenches width exceeding 0.30m maximum depth not exceeding 1.00m maximum depth not exceeding 1.00m maximum depth not exceeding 1.00m; distance between opposing faces not exceeding 2.00m m2 16.00 maximum depth not exceeding 1.00m; distance between opposing faces not exceeding 2.00m m2 1.00 m2 1.00 m3 m3 m3 m3 m3 m3 m3	151	Taking from store; rebuild in new location						
154 D20: EXCAVATING AND FILLING Excavating Trenches width exceeding 0.30m Trenches width exceeding 1.00m maximum depth not exceeding 1.00m maximum depth not exceeding 1.00m; distance between opposing faces not exceeding 2.00m m2 16.00 Trenches width exceeding 2.00m m2 1.00 Trenches width exceeding 2.00m m3 1.00 Trenches width exceeding 2.00m m2 1.00 Trenches width exceeding 2.00m m2 1.00 Trenches width exceeding 2.00m m3 1.00 Trenches width exceeding 2.00m Trenches width exceeding 2.00m m2 1.00 Trenches width exceeding 2.00m Trenches width ex	152 A	salvaged security fence; PROVISIONAL	10	m	50.00	500.00		
Excavating Trenches width exceeding 0.30m maximum depth not exceeding 1.00m maximum depth not exceeding 1.00m maximum depth not exceeding 1.00m maximum depth not exceeding 1.00m; distance between opposing faces not exceeding 2.00m mz 16.00 maximum depth not exceeding 2.00m mz 16.00 mx 10.00 mx 10.	153	GROUNDWORK						
Trenches width exceeding 0.30m maximum depth not exceeding 1.00m maximum depth not exceeding 1.00m; distance between opposing faces not exceeding 2.00m m2 16.00	154	D20: EXCAVATING AND FILLING						
157 B	155	Excavating						
Earthwork support	156	Trenches width exceeding 0.30m						
Earthwork support	157 B	maximum depth not exceeding 1.00m		m3	12.50			
159		Earthwork support						
159 faces not exceeding 2.00m m2 16.00		The state of the s						
180	159			m2	16.00			
151 D bottoms of excavations m2 1.00 m3 1.00 m2 1.00 m2 1.00 m2 1.00 m3 m2 m3 m2 m3 m2 m3 m3					.5.55			
192 E Surface of formation 38 m2 1.00 38.00 193 F Surface of MOT 38 m2 1.00 38.00 194 Compacting and minor regrading 38 m2 1.00 38.00 195 Surface of MOT 128 m2 2.50 320.00 196 Disposal of inert excavated material 0ff site m3 31.50 196 MOT1: to be obtained off site m3 31.50 197 Filling to driveways, parking areas and the like average thickness not exceeding 0.25m 4 m3 73.00 292.00 197 Filling to gravel margin average thickness not exceeding 0.25m 4 m3 105.00 420.00 197 IN - SITU CONCRETE LARGE PRECAST CONCRETE E10: MIXING/CASTING/CURING/IN-SITU CONCRETE Plain in-situ concrete: BS. EN.206-1 & B.S.8500. designed mix C20. 20 aggregate. minimum cement content 220 kg/m3 Foundations poured on or against earth or unblinded hardcore Filling to gravel margin m3 105.00 420.0				m2	1 00			
163 F Surface of MOT 38 m2 1.00 38.00 164 Compacting and minor regrading 38 m2 1.00 38.00 165 G Surface of MOT 128 m2 2.50 320.00 166 Disposal of inert excavated material 0ff site m3 31.50 168 MOT1: to be obtained off site m3 31.50 169 Filling to driveways, parking areas and the like average thickness not exceeding 0.25m 4 m3 73.00 292.00 171 Filling to gravel margin average thickness not exceeding 0.25m 4 m3 105.00 420.00 172 K average thickness not exceeding 0.25m 4 m3 105.00 420.00 173 IN - SITU CONCRETE LARGE PRECAST CONCRETE Plain in-situ concrete: BS. EN.206-1 & B.S.8500, designed mix C20, 20 aggregate, minimum cement content 220 kg/m3 Foundations poured on or against earth or unblinded hardcore			20			38 00		
Compacting and minor regrading surface of MOT Disposal of inert excavated material off site MOT1: to be obtained off site Filling to driveways, parking areas and the like average thickness not exceeding 0.25m Filling to gravel margin average thickness not exceeding 0.25m IN - SITU CONCRETE/ LARGE PRECAST CONCRETE Plain in-situ concrete: BS. EN.206-1 & B.S.8500, designed mix C20, 20 aggregate, minimum cement content 220 kg/m3 Foundations poured on or against earth or unblinded hardcore 128 m2 2.50 320.00 m3 31.50 m3 73.00 292.00 m3 105.00 4 m3 105.00 420.00								
128			30	1112	1.00	30.00		
Disposal of inert excavated material off site MOT1: to be obtained off site Filling to driveways, parking areas and the like average thickness not exceeding 0.25m Filling to gravel margin average thickness not exceeding 0.25m IN - SITU CONCRETE/ LARGE PRECAST CONCRETE Plain in-situ concrete: BS. EN.206-1 & B.S.8500, designed mix C20, 20 aggregate, minimum cement content 220 kg/m3 Foundations poured on or against earth or unblinded hardcore			400		0.50	200.00		
167 H off site m3 31.50 168 MOT1: to be obtained off site m3 31.50 169 Filling to driveways, parking areas and the like average thickness not exceeding 0.25m 4 m3 73.00 292.00 171 Filling to gravel margin average thickness not exceeding 0.25m 4 m3 105.00 420.00 172 K average thickness not exceeding 0.25m 4 m3 105.00 420.00 173 IN - SITU CONCRETE/ LARGE PRECAST CONCRETE E10: MIXING/CASTING/CURING/IN-SITU CONCRETE Plain in-situ concrete: BS. EN.206-1 & B.S.8500. designed mix C20. 20 aggregate. minimum cement content 220 kg/m3 Foundations poured on or against earth or unblinded hardcore			120	1112	2.50	320.00		
MOT1: to be obtained off site Filling to driveways, parking areas and the like average thickness not exceeding 0.25m Filling to gravel margin average thickness not exceeding 0.25m aver		I ·			04.50			
Filling to driveways, parking areas and the like average thickness not exceeding 0.25m Filling to gravel margin average thickness not exceeding 0.25m 4 m3 73.00 292.00 Filling to gravel margin average thickness not exceeding 0.25m 4 m3 105.00 420.00 IN - SITU CONCRETE/ LARGE PRECAST CONCRETE Flain in-situ concrete: BS. EN.206-1 & B.S.8500. designed mix C20. 20 aggregate. minimum cement content 220 kg/m3 Foundations poured on or against earth or unblinded hardcore			- 1	m3	31.50			1
170		A CONTRACTOR OF THE CONTRACTOR						
Filling to gravel margin average thickness not exceeding 0.25m 4 m3 105.00 420.00			,					I
172 K average thickness not exceeding 0.25m 4 m3 105.00 420.00 173 IN - SITU CONCRETE/ LARGE PRECAST CONCRETE 174 E10: MIXING/CASTING/CURING/IN-SITU CONCRETE Plain in-situ concrete: BS. EN.206-1 & B.S.8500, designed mix C20, 20 aggregate, minimum cement content 220 kg/m3 Foundations poured on or against earth or unblinded hardcore			4	m3	73.00	292.00		
173 IN - SITU CONCRETE/ LARGE PRECAST CONCRETE 174 E10: MIXING/CASTING/CURING/IN-SITU CONCRETE Plain in-situ concrete: BS. EN.206-1 & B.S.8500. designed mix 175 C20. 20 aggregate. minimum cement content 220 kg/m3 Foundations poured on or against earth or unblinded hardcore								
174 E10: MIXING/CASTING/CURING/IN-SITU CONCRETE Plain in-situ concrete: BS. EN.206-1 & B.S.8500. designed mix C20. 20 aggregate. minimum cement content 220 kg/m3 Foundations poured on or against earth or unblinded hardcore			4	m3	105.00	420.00		
Plain in-situ concrete: BS. EN.206-1 & B.S.8500. designed mix C20. 20 aggregate. minimum cement content 220 kg/m3 Foundations poured on or against earth or unblinded hardcore								
175 C20, 20 aggregate, minimum cement content 220 kg/m3 Foundations poured on or against earth or unblinded hardcore	174							
Foundations poured on or against earth or unblinded hardcore			- 1					
	175							
176		Foundations poured on or against earth or unblinded hardcore						I
	176							

Α	В	С	D	E	F	G	Н
177 A	in trenches as trench fill foundation	-	m3	135.00	·		
178	E60: PRECAST/COMPOSITE CONCRETE DECKING						
	Precast concrete stair units; manufacturer designed; in						
179	accordance with manufacturers details						
	stair and landing units; hoisted and fixed in position in accordance						
180	with manufacturers details						
181 B	Straight flight; Ref Escape stairs	1	nr				
182	MASONRY F10: BRICK/BLOCK WALLING						
183	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						
184	proceeds						
185	Walls						
186 C	215 thick; stretcher bond; pointed one side		m2	210.00			
187	WINDOWS/DOORS/STAIRS						1
188	L30: STAIRS/WALKWAYS/ BALUSTRADES						
189	Handrails in Galvanized steel after fabrication						
190	tubular balustrades and integral handrails						
191 D	handrails fixed to walls to escape stairs	1	Item				
192	PAVING/PLANTING/FENCING/SITE FURNITURE						
1 1	Q10: KERBS/EDGINGS/CHANNELS/PAVING ACCESSORIES						
193	B						
	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						
ll	prescribed mix C20P, 20 aggregate						
194	Kerbs; rectangular section; half_battered type HB2; concrete						
405	foundation and haunching; formwork						
195 196 E	125 x 255 kerb; 300 x 150 foundation			45.00	400.00		
196 F	extra; external angle	4	m	45.00 15.00	180.00 15.00		
197 A	extra; internal angle		nr nr	15.00	15.00		
199 B	extra; joint to existing	'	nr	8.00	8.00		
155	Edgings; rectangular section; flat top type EF; concrete foundation	- '1	"	0.00	0.00		
200	and haunching; formwork						
201 C	50 x 200 edging; 300 x 150 foundation	13	m	19.00	247.00		
202	Q23: GRAVEL/HOGGIN/WOODCHIP ROADS/PAVINGS						
203	Gravel; washed 19 mm						
204	Pavings						
205 D	50 thick; level or to falls	38	m2	20.00	760.00		
206	Q24: INTERLOCKING BRICK/BLOCK ROADS/PAVINGS		. 1				
	Precast concrete paving blocks; 30 sand bedding, symmetrical						
	half bond layout; covering with washed non-staining sand,						
	compacting with plate vibrator, sweeping off surplus						
207							
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 Q50: SITE/STREET FURNITURE/EQUIPMENT	24	m	17.00	408.00		
211	PPC steel						
213	Fixed bollards						
G	ram raid bollard; set in concrete foundation in accordance with				(
214	manufacturers details	4	nr	325.00	1300.00		
215]		020.00	1000.00		
216	DRAINAGE and SERVICES						
217	DISPOSAL SYSTEMS						
218	R12: STORM DRAINAGE BELOW GROUND						
	Excavating trenches to receive pipes not exceeding 200 nominal						
219	size; disposing of surplus excavated material off site; Backfill in						
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		
	Excavating trenches to expose pipes not exceeding 200 nominal						
	size; break out; disposing of surplus excavated material off site;						
224	Backfill in MOT						
225	Commencing from ground level						
226 D	average depth 500 - 750	13	m	30.00	390.00	10	300.00
	Excavating to expose existing yard gulley; disposing of surplus excavated material off site						
227	Breaking out complete with associated items; and local drain runs;						
228	remove debris from site						
220							

In year In y		Α	В	С	D	Е	F	G	н
Granular material 10 - 20 nominal size, to be obtained off site Set	229			1				1	
Seds and surrounds				İ	'"	10.30	.5.50	·	,5.50
## 450 x 600 bed; 150 thick surround to 110 nominal size pipe; warped in terrain geode in terrain geode and surround; adaptor collar etc. ### 450 x 450 bed; 150 thick surround to 150 nominal size pipe ### 450 x 450 bed; 150 thick surround to 150 nominal size pipe ### 450 x 450 bed; 150 thick surround to 150 nominal size pipe ### 450 x 450 bed; 150 thick surround to 150 nominal size pipe ### 450 x 450 bed; 150 thick surround to 150 nominal size pipe ### 450 x 450 bed; 150 thick surround to 150 nominal size pipe ### 450 x 450 bed; 150 thick surround to 150 nominal size pipe ### 450 x 450 bed; 150 thick surround to 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 thick surround; 150 nominal size pipe ### 450 x 450 bed; 150 nominal size pipe ### 450 x 450 bed; 150 nominal size pipe ### 450 x 450 thick surround; 150 nominal size pipe ### 450 x 450 thick surround; 150 nominal size pipe ### 450 x 450 thick surrou						١			
Plain In-situ concrete BS.EN.205-18 BS.8500, ordinary process of the process of	222			11	m	0.00	99 00		
	232	1			'''	9,00	99.00		
Beds and surrounds Section Sec	1,,,,								
450 x 450 bed; 150 thick surround to 150 nominal size pipe 36 m 11.50 448.50 448.50 11.50	-								
UPVC pipes and fittings. Twinwall pipes; ring seal joints 150 nominal size 150 nomi	234	G		20		44.50	449.50		
Pipework in trenches Pipework in trenches Sab Pipework in trenches				39	m	11.50	448.50		
150 nominal size 230									
Extra; branches extra; rard; branches extra; repairs end of existing pipe run; form new 150 dia extra; prepairs end of existing pipe run; form new 150 dia									
Extra: RWP position incl concrete bed and surround; adaptor collar etc c c c c c c c c c					11 (1	1			
### 240 Extra: Yard gully complete incl concrete bed and surround etc 3 nr 35.00 105.00 255.00			l _ '	3	UL	32.00	96.00		
Extra, Yard gully complete incl concrete bed and surround etc extra, Yard gully complete incl concrete bed and surround etc extra, Rodding eye access complete incl concrete bed and surround etc extra, 450 dia inspection chamber complete incl concrete bed and concrete bed and surround. Cl cover etc; 750 to invert etc. 750 to invert extra, prepare end of existing pipe run; form new 150 dia connection complete, make good all work disturbed; n/e 1000 to 1 nr 75.00 75.00 extra, prepare end of existing pipe run; form new 150 dia connection complete, make good all work disturbed; n/e 1000 to 1 nr 75.00 75.00 extra, prepare end of existing pipe run; form new 150 dia connection complete, make good all work disturbed; n/e 1000 to 1 nr 75.00 75.00 extra, prepare end of existing pipe run; form new 150 dia connection complete, make good all work disturbed; n/e 1000 to 1 nr 75.00 75.00 extra, prepare end of existing pipe run; form new 150 dia connection complete, make good all work disturbed; n/e 1000 to 1 nr 75.00 75.00 extra, prepare end of existing pipe run; form new 150 dia connection complete incl concrete bed and surround etc extra, 450 dia inspection, on the run work in trenches and fittings. Colled pipes: collar joints in the pipework in trenches and fittings. Colled pipes: collar joints in the pipework in trenches and fittings. Colled pipes: collar joints in the pipework in trenches and fittings. Colled pipes: collar joints in the pipework in trenches and fittings. Collar joints in the pipework in trenches and fittings. Collar joints in the pipework in trenches and fittings. Collar joints in the pipework in trenches and include all items as required to complete. The works in trenches and ducts for electric diversion in the pipework in trenches and ducts for electric diversion in the pipework in trenches and ducts for electric diversion in the pipework in trenches and ducts for electric diversion in the pipework in trenches and ducts for electric diversion in the pipework in trenches and ducts for electric diversio	1 1								
A				3	nr	35.00	105.00		
242 Surround etc extra; 450 dia inspection chamber complete incl concrete bed and 1	-			3	nr	85.00	255.00		
Extra; 450 dia inspection chamber complete incl concrete bed and surround, CI cover etc; 750 to invert 1		Α	' ' '						
243 C	242		surround etc	1	nr	35.00	35.00		
extra; prepare end of existing pipe run; form new 150 dia connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection complete; make good all work disturbed; n/e 1000 to connection connection complete; make good all work disturbed; n/e 1000 to connection connection complete; make good all work disturbed; n/e 1000 to connection conne		В	extra; 450 dia inspection chamber complete incl concrete bed and						
244 245 246 247 248	243		surround, CI cover etc; 750 to invert	1	nr	375.00	375.00		
246 D extra; non return valve to pipe run uPVC pipes and fittings. Coiled pipes; collar joints Pyepwork in trenches 110 nominal size; perforated 15 m 12.00 180.00	П	С	extra; prepare end of existing pipe run; form new 150 dia						
246 D	244		connection complete; make good all work disturbed; n/e 1000 to	1	nr	55.00	55.00		
240		D	extra: non return valve to pipe run	1					
Pipework in trenches 110 norminal size; perforated 15 m 12.00 180.00				i	111	70.00	70.00		
248 E									
Senerally		F	·	45		40.00	490.00		
Disposal of water 1 Item 150.00			· · · · · · · · · · · · · · · · · · ·	15	m	12.00	180.00		
251 F Surface water 1 Item 150.00									
Second			·						
Testing and commissioning Drainage system To inspecting authority requirements To inspect inspection To inspect inspect inspection To inspect inspect inspection To inspect inspect inspection To inspect inspect inspection To inspect inspect inspection To inspect inspect inspection To inspect inspect inspection To inspect inspect inspection To inspect inspection To inspect inspection To	201			1					
Drainage system 1			ا	1	Item	150.00	150.00		
255 H to inspecting authority requirements	-		100						
PRELIMINARIES A10 - A55 CONTRACTORS PRELIMINARIES Contractor to assess and include all items as required to complete the works 1 Item 7500.00	-		= :						
257 258 A 259 A 259 Contractor to assess and include all items as required to complete the works	-		to inspecting authority requirements	1	Item	1250.00	1250.00		
A10 - A55 CONTRACTORS PRELIMINARIES	256								
Contractor to assess and include all items as required to complete the works	257				1				
Trenches and ducts for electric diversion Trenches and ducts f	258								
260 261 Fixed Price 5% 3747.32 144.20 262 263 264 FACTORY EXTENSION 78693.73 3028.20 265 266 267 268 269 270 271 272 272 273 274 274 275 276 276 277 277 278 279		Α	Contractor to assess and include all items as required to complete						
Fixed Price 5% 3747.32 144.20	259		the works	1	Item	7500.00	7500.00	0.10	750.00
Summary FACTORY EXTENSION 78693.73 3028.20 265	260								
Summary FACTORY EXTENSION 78693.73 3028.20	261		Fixed Price			5%	3747.32		144.20
Trenches and ducts for electric diversion Trenches and ducts for electric diversion Trenches and ducts for electric diversion 2371.20									
Trenches and ducts for electric diversion Trenches and ducts for electric diversion Trenches and ducts for electric diversion 2371.20	-		Summarv						
Trenches and ducts for electric diversion 2371.20 2371.20			-				78693.73		3028.20
266 Trenches and ducts for electric diversion 2371.20 268 269 270 271 272 RETENTION 5% 269.97 273 274 275 276 276 277 278 279 27			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
267 268 269 270 271 272 RETENTION 5% 269.97 273 274 PREV PAID 275 276 THIS PERIOD 5129.43			Trenches and ducts for electric diversion						2371.20
268 269 270 5399.40 271 FRETENTION 5% 269.97 273 PREV PAID PREV PAID 5129.43 276 THIS PERIOD 5129.43									
269 270 271 272 273 274 275 276 277 THIS PERIOD 5399.40 5399.40 569.97 269.97 369.97 370 371 372 373 374 375 376 377									
270									
271 272 RETENTION 5% 269.97 273									5300 40
THIS PERIOD SW 269.97 269.97 269.97 279 270 27									5535,40
273 274 275 276 276 277 277 278 279 279 270 270 270 270 270 270 270 270 270 270			DE:	TENTION				E0/	200 07
274			RE I	IENTION				5%	209.97
275									
276 THIS PERIOD 5129.43	274		PF	KEV PAID					
277									
2/1	276		THIS	PERIOD	ı j				5129.43
	277								PLUS VAT



Hawkes Group Ltd Blackbridge Farm Cranford Road Burton Latimer Northamptonshire NN15 5JJ



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

In	voice	Cust. Order	Invoice No 7296	Invoice / Tax Date 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

	Α	В	С	D	E	F	G	Н
1		FACTORY EXTENSION MICRON ENGINEERING	1		4W	CEC		
2		SITE PREPARATION	1 1	1 17			ı	TION No 2
3		GROUNDWORK D20: EXCAVATING AND FILLING			GROU		DATE	D 07/02/22
5		Site preparation			LITION • GRO IVIL ENGINE			
6		Trimming hedges; cut back face and top to new line and level						
_	Α	height 2.00 - 5.00	12	m	41.66	499.92		
8		Take down existing; set aside for reuse; backfill foundations in	, ·-	"	41.00	700.02		
_	В	Galvanised security type fence 2100 mm high; PROVISIONAL	10	m	45.45	454.50		
Ť		Excavate trial holes and the like; backfill and make good on	"		10.10	101.00		
10		completion to match existing						
11	С	to locate existing drainage and services; n/e 2.00 m deep	1	Item	600.00	600.00	1	600.00
12		Excavating						
13		To reduce levels						
1	D	maximum depth not exceeding 0.50m	63	m3	4.50	283.50	63	283.50
15	E	Pits; for trial holes to expose buried storm drain maximum depth not exceeding 3.00m; approx 1.50 x 1.20; mainly						
1 1	_	by hand; inspect findings and backfill in SEM			000.00	0400.00		4000.00
16		Breaking out existing materials; extra over any types of excavation	3	nr	800.00	2400.00	2	1600.00
17		irrespective of depth						
$\overline{}$	F	existing kerbs; HB2; including foundation and haunch	29	m	3.50	101.50	20	70.00
П		Breaking out existing hard pavings; extra over any types of						
19		excavating irrespective of depth						
20	G	Concrete interlock block paving 80 mm thick	187	m2	2.00	374.00	187	374.00
	Н	Concrete interlock block paviors 80 mm thick; set aside those						
21		suitable for reuse	128	m2	9.25	1184.00	128	1184.00
22		Disposal of inert excavated material						
23	J	off site	63	m3	31.50	1984.50	63	1984.50
24 25		SUBSTRUCTURES						
26		GROUNDWORK						
27		D20: EXCAVATING AND FILLING						
28		Excavating						
29		Trenches width exceeding 0.30m						
30		maximum depth not exceeding 1.00m	11	m3	12.50	137.50		
01		maximum depth not exceeding 2.00m	5	m3	16.00	80.00		
1 1	С	maximum depth not exceeding 1.00m; adjacent to existing						
32		foundations Dite of the object of the description	4	m3	20.00	80.00		
33		Pits; attached to trenches maximum depth not exceeding 2.00m						
34		maximum depth not exceeding 2.00m	16 31	m3	15.00	240.00	ľ	
100		maximum depth not exceeding 2.00m; adjacent existing		m3	20.00	620.00		
36		Earthwork support	5	m3	1.50	7.50		
_		maximum depth not exceeding 1.00m; distance between opposing						
38		faces not exceeding 2.00m	54	m2	1.50	81.00		
	Н	maximum depth not exceeding 2.00m; distance between opposing						
39		faces not exceeding 2.00m	55	m2	1.50	82.50		
		maximum depth not exceeding 3.00m; distance between opposing						
40		faces not exceeding 2.00m	78	m2	1.50	117.00		
41	,	Compacting hatters of executations						
1	K I	bottoms of excavations surface of formation	63	m2	1.00	63.00	!	
43	M	surface of MOT	172	m2	1.00	172.00	150	150.00
45		Compacting and blinding with sand	50	m2	1.00	50.00	l l	
	N	surface of MOT	172	m2	2.00	344.00		
47		Disposal of inert excavated material			2.00	011.00		
48	Р	off site	73	m3	31.50	2299.50		
49		MOT1; to be obtained off site						
50		Filling to make up levels						
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 D21: GROUND GAS VENTING	52	m3	73.00	3796.00	30	2190.00
54 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		15.00	75.00		
	В	extra; proprietary sump unit installed and connected in accordance	9	m	15.00	15.00		
58		with manufacturers details	1	nr	80.00	80.00		
59		IN - SITU CONCRETE/ LARGE PRECAST CONCRETE			3.20	30.00		
60		E10: MIXING/CASTING/CURING/IN-SITU CONCRETE						

ГА	В	С	D	E	F	G	н
H^	Plain in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix	- ŭ	Ť		· ·		
61	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		
	Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed						
64	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		
	Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed	9.1		101100			
67	mix RC35, 20 aggregate; vibrated						
H	Foundations poured on or against earth or unblinded hardcore						
68	gamen and an an analysis and a						
69 E	in pits as trench fill foundation	51	m3	132.00	6732.00		
100	Ground beams; poured on or against earth or unblinded hardcore	5.	""	102.00	0702.00		
70	James and a Sames						
71 F	generally	21	m3	132.00	2772.00		
72	Column casings		""	102.00	2772.00		
73 G	generally	2	m3	145.00	290.00		
74	E20: FORMWORK FOR IN-SITU CONCRETE	-	1110	145.00	250.00		
75	Formwork and basic finish						
76	Sides of foundations; plain vertical						
77 H	height 500 - 1.00m	2		45.00	90,00		
	Column casings; isolated	4	m	45.00	90.00		
78 79 J	regular shaped; rectangular			05.00	4405.00		
_	Formwork and fair finish	23	m2	65.00	1495.00		
80	Edges of slabs; plain vertical						
81	height not exceeding 250	_		45.00	75.00		
82 A	E30: REINFORCEMENT FOR IN-SITU CONCRETE	5	m	15.00	75.00		
83	Reinforcement bars; B.S.4449, hot rolled deformed high yield steel						
	Remotement bars, b.5.4449, not rolled deformed high yield steel						
84	Cut and hant; standard shapes; fied to eages and the like						1
85 B	Cut and bent; standard shapes; tied to cages and the like various diameters						
86 B		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	E40: DESIGNED JOINTS IN IN-SITU CONCRETE						
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		
	Joint to existing foundation; Ref Xstg Fdn; in accordance with						
96	engineers details						
F	drilling existing foundation; resin fix dowel bar to existing						
	foundation; other end cast into new foundation; 16 dia x 600 long						
97		24	nr	11.00	264.00		
	E41: WORKED FINISHES/ CUTTING TO IN-SITU CONCRETE						
98							
99	Worked finishes on in-situ concrete						
100	Power floating						
101 G	surfaces	172	m2	8.00	1376.00		
	Sikafilor or similar surface hardener; in accordance with						
102	manufacturers details						
103 H	surfaces	172	m2	6.00	1032.00		
104	E42: ACCESSORIES CAST INTO IN-SITU CONCRETE						
105	Cast in accessories						
	Holding down bolt and nut sets; bolts free issue from steel frame						
1 1	contractor; with suitable cone and the like as per engineers detail						
106							
M	to steel base plate template; 2 No bolts per plate; release bolts						
107	after casting in	2	nr	45.00	90.00		
Пв	to steel base plate template; 4 No bolts per plate; release bolts						
108	after casting in	12	nr	45.00	540.00		
	Non shrink grout to holding down bolts and cones and the like as		'"	.5.50			
109	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	MASONRY	'2	'"	55.50	,_0.00		
113	F10: BRICK/BLOCK WALLING						

					r		
A	Facing bricks, PC sum £ 600.00 for supply and delivery to site;	С	D	E	F	G	Н
1 1	215 x 102 5 x 65; in cement-lime mortar (1:1:6); bucket handle						
1	pointing as work proceeds						
114							
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		
	Concrete, lightweight aggregate, blocks, BS.EN.771-3, 440 x 215,						
	solid, keyed both sides, compressive strength 7.0 N/mm2; in						
118	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		
\Box	F30: ACCESSORIES/SUNDRY ITEMS FOR						
123	BRICK/BLOCK/STONE WALLING						1
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	20	1112	1.50	42.00		
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	WATERPROOFING						
131	J40: FLEXIBLE SHEET TANKING/DAMP PROOFING						
	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		1. 1
	Polythene DPM; 2000 guage; lapped and sealed in accordance						
135	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	SURFACE FINISHES						
139	M60: PAINTING/CLEAR FINISHING						
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	BUILDING FABRIC SUNDRIES	24	1112	12.00	200.00		1 1
143	P10: SUNDRY INSULATION/PROOFING WORK/ FIRE STOPS						
1,44	170. SONDITTINGGEATION TROOFING WORKS TINE STOLS						
144	Celotex or similar insulation board; butt joints	- 1					
145	Plain areas	- 1					
146	1						
147 E	horizontal; laid loose; 100 thick	172	m2	24.42	4200.24		1
148		- 1			1		
149	EXTERNAL WORKS						
150	DEMOLITION/ALTERATION/RENOVATION	- 1					
151	C90: ALTERATIONS - SPOT ITEMS	- 1					1 1
152	Various locations on site						
153	Taking from store; rebuild in new location						
154 A	salvaged security fence; PROVISIONAL	10	ш	50.00	500.00		
155	GROUNDWORK						
156	D20: EXCAVATING AND FILLING						
157	Excavating						1
158	Trenches width exceeding 0.30m						1
159 B	maximum depth not exceeding 1.00m		m3	12.50			
160	Earthwork support		1113	12.00			
100 c	maximum depth not exceeding 1.00m; distance between opposing						
161	faces not exceeding 2.00m			40.00			
162	Compacting		m2	16.00			
162 163 D	bottoms of excavations						
103 E	surface of formation		m2	1.00			
164 E		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	MOT1: to be obtained off site						
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	IN - SITU CONCRETE/ LARGE PRECAST CONCRETE				0.00		

	В	С	D	E	F	G	Н
176	E10: MIXING/CASTING/CURING/IN-SITU CONCRETE		۲	-			п
	Plain in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix						
177	C20, 20 aggregate, minimum cement content 220 kg/m3						
	Foundations poured on or against earth or unblinded hardcore						
178							
179 A	in trenches as trench fill foundation		m3	135.00			
180	E60: PRECAST/COMPOSITE CONCRETE DECKING						
104	Precast concrete stair units; manufacturer designed; in accordance with manufacturers details						
181	stair and landing units; hoisted and fixed in position in accordance						
182	with manufacturers details						
183 B	Straight flight; Ref Escape stairs	1	nr				
184	MASONRY	· ·	"				
185	F10: BRICK/BLOCK WALLING						
	Engineering bricks, BS.EN.771-1, Category F, 215 x 102.5 x 65,						
1 1	class B; in cement mortar (1:3); bucket handle pointing as work						
186	proceeds						
187	Walls						
188 C	215 thick; stretcher bond; pointed one side		m2	210.00			
189	WINDOWS/DOORS/STAIRS L30: STAIRS/WALKWAYS/ BALUSTRADES						
190 191	Handrails in Galvanized steel after fabrication						
192	tubular balustrades and integral handrails						
193 D	handrails fixed to walls to escape stairs	1	Item				
194	PAVING/PLANTING/FENCING/SITE FURNITURE	·					
Н	Q10: KERBS/EDGINGS/CHANNELS/PAVING ACCESSORIES						
195							
	Precast concrete; standard or stock_pattern units; B.S.7533-4;						
1 1	bedding, jointing and pointing in cement mortar (1:3); on plain in-						
11	situ concrete foundation; BS.EN.206-1 & BS.8500 ordinary						
196	prescribed mix C20P, 20 aggregate						
	Kerbs; rectangular section; half battered type HB2; concrete foundation and haunching; formwork						
197 198 E	125 x 255 kerb; 300 x 150 foundation			45.00	400.00		
198 E	extra; external angle	4	m nr	45.00 15.00	180.00 15.00		
200 A	extra; internal angle	- 1	nr	15.00	15.00		
201 B	extra; joint to existing	1	nr nr	8.00	8.00		
	Edgings; rectangular section; flat top type EF; concrete foundation	- 1		5.25	0.00		
202	and haunching; formwork						
203 C	50 x 200 edging; 300 x 150 foundation	13	m	19.00	247.00		
204	Q23: GRAVEL/HOGGIN/WOODCHIP ROADS/PAVINGS						
205	Gravel; washed 19 mm						
206	Pavings						
207 D	50 thick; level or to falls	38	m2	20.00	760.00		
208	Q24: INTERLOCKING BRICK/BLOCK ROADS/PAVINGS Precast concrete paving blocks; 30 sand bedding, symmetrical						
	half bond layout; covering with washed non-staining sand,						
	compacting with plate vibrator, sweeping off surplus						
209							
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	Q50: SITE/STREET FURNITURE/EQUIPMENT						
214	PPC steel						
215	Fixed bollards						
G	ram raid bollard; set in concrete foundation in accordance with manufacturers details						
216	manufacturers details	4	nr	325.00	1300.00		
217	DRAINAGE and SERVICES						
218 219	DRAINAGE and SERVICES DISPOSAL SYSTEMS						
220	R12: STORM DRAINAGE BELOW GROUND			1			
	Excavating trenches to receive pipes not exceeding 200 nominal						
221	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		
	Excavating trenches to expose pipes not exceeding 200 nominal						
	size: break out: disposing of surplus excavated material off site:						
226	Backfill in MOT						
227	Commencing from ground level		-				

	T ^		С	n		F	G	
-	A	average depth 500 - 750	_	D	E			Н
228	۲		13	m	30.00	390.00	10	300.00
		Excavating to expose existing yard gulley; disposing of surplus						
229	Į	excavated material off site						
		Breaking out complete with associated items; and local drain runs;						
230		remove debris from site						
231	E	in yard	1	nr	75.00	75.00	1	75.00
232		Granular material, 10 - 20 nominal size, to be obtained off site						
233	1	Beds and surrounds						
1	lF	450 x 600 bed; 150 thick surround to 110 nominal size pipe;						
234		wrapped in terram geotextile	11		9.00	99.00		
234	ł	Plain in-situ concrete; BS.EN.206-1 & BS.8500, ordinary	''	m	9.00	99.00		
l		prescribed mix C15P, 20 aggregate						
235	1							
236		Beds and surrounds						1
237	G	450 x 450 bed; 150 thick surround to 150 nominal size pipe	39	m	11.50	448.50		
238	Į	uPVC pipes and fittings, Twinwall pipes; ring seal joints						
239		Pipework in trenches						
240	H	150 nominal size	35	m	15.00	525.00		
241	J	extra; branches	3	nr	32.00	96.00		
	ĸ	extra; RWP position incl concrete bed and surround; adaptor collar						
242		etc	3	nr	35.00	105.00		
243	10	extra; Yard gully complete incl concrete bed and surround etc	3	nr	85.00	255.00		
240	A	extra; Rodding eye access complete incl concrete bed and	ĭ		00.00	200.00	1	
l.,,		surround etc			05.00	05.00		
244	В		1	nr	35.00	35.00		
		extra; 450 dia inspection chamber complete incl concrete bed and						
245		surround, CI cover etc; 750 to invert	1	nr	375.00	375.00		
1	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		uPVC pipes and fittings, Coiled pipes; collar joints						
249	1	Pipework in trenches						1
250		110 nominal size; perforated	15	m	12.00	180.00		
251	1	Generally						
252	1	Disposal of water						
253		surface water		Item	150.00	150.00		
254		ground water						
		•	1	Item	150.00	150.00		
255	17	Testing and commissioning						
256		Drainage system						
257	1	to inspecting authority requirements	1	Item	1250.00	1250.00		
258	1							
259		<u>PRELIMINARIES</u>						
260		A10 - A55 CONTRACTORS PRELIMINARIES						
	A	Contractor to assess and include all items as required to complete						
261		the works	1	Item	7500.00	7500.00	0.15	1125.00
262	1							
263	1	Fixed Price			5%	3937.12		507.75
264								
265	1	Summary						
266		FACTORY EXTENSION		1 1		82679.53		10662.75
267		THE TOTAL PARTIES OF THE PARTIES OF				020,0.00		10002.70
268		Trenches and ducts for electric diversion				2371.20		2371.20
269						2011.20		2011.20
270	1							
270								
2/1					-	05050 5-		10000 05
272	1					85050.73		13033.95
273								
270 271 272 273 274 275 276		RE	TENTION				5%	651.70
275		"						
276		P <u>F</u>	REV PAID					5129.43
277								
278		THIS	PERIOD	- 1			£	7252.82
279								
280								PLUS VAT



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

In	voice	Cust. Order	Invoice No 7302	Invoice / Tax Date 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

Α	В	С	D	E	F	G	Н
1	FACTORY EXTENSION MICRON ENGINEERING			4Wk	CEC		
2	SITE PREPARATION					l .	TION No 3
3	GROUNDWORK			GROL		DATE	0 09/05/22
4	D20: EXCAVATING AND FILLING			LITION • GRO			
5	Site preparation			IVIL ENGINE	EKING		
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		
	Excavate trial holes and the like; backfill and make good on						
10	completion to match existing						
11 C	to locate existing drainage and services; n/e 2.00 m deep	1	Item	600.00	600.00	1	600.00
12	Excavating						
13	To reduce levels						
14 D	maximum depth not exceeding 0.50m	63	m3	4.50	283.50	63	283.50
15	Pits; for trial holes to expose buried storm drain						
E	maximum depth not exceeding 3.00m; approx 1.50 x 1.20; mainly						
16	by hand; inspect findings and backfill in SEM	3	nr	800.00	2400.00	2	1600.00
	Breaking out existing materials; extra over any types of excavation						
17	irrespective of depth						
18 F	existing kerbs; HB2; including foundation and haunch	29	m	3.50	101.50	20	70.00
	Breaking out existing hard pavings; extra over any types of						
19	excavating irrespective of depth	li .					
20 G	Concrete interlock block paving 80 mm thick	187	m2	2.00	374.00	187	374.00
H	Concrete interlock block paviors 80 mm thick; set aside those						
21	suitable for reuse	128	m2	9.25	1184.00	128	1184.00
22	Disposal of inert excavated material						
23 J	off site	63	m3	31.50	1984.50	63	1984.50
24							
25	SUBSTRUCTURES						
26	GROUNDWORK						
27	D20: EXCAVATING AND FILLING						
28	Excavating				1		
29	Trenches width exceeding 0.30m						
30 A 31 B	maximum depth not exceeding 1.00m	11	m3	12.50	137.50	8	100.00
31 B	maximum depth not exceeding 2.00m	5	m3	16.00	80.00	4	64.00
	maximum depth not exceeding 1.00m; adjacent to existing foundations						
32	Pits; attached to trenches	4	m3	20.00	80.00	4	80.00
33 34 D	maximum depth not exceeding 2.00m			4.5.00			
104	maximum depth not exceeding 2.00m	16	m3	15.00	240.00	10	150.00
	maximum depth not exceeding 3.00m; adjacent existing	31	m3	20.00	620.00	14	280.00
36	9 8 8	5	m3	1.50	7.50	5	7.50
37 G	Earthwork support						
1 1	maximum depth not exceeding 1.00m; distance between opposing faces not exceeding 2.00m						
38 H		54	m2	1.50	81.00	54	81.00
1 1	maximum depth not exceeding 2.00m; distance between opposing faces not exceeding 2.00m						
39 J	maximum depth not exceeding 3.00m; distance between opposing	55	m2	1.50	82.50	40	60.00
	faces not exceeding 2.00m			4.50	4477.00		
40	Compacting	78	m2	1.50	117.00	70	105.00
41 42 K	bottoms of excavations	63	,	4.00	22.00	F.0	E0.00
42 K	surface of formation	172	m2 m2	1.00 1.00	63.00 172.00	50 150	50.00 150.00
43 M	surface of MOT	50	m∠ m2	1.00	50.00	150	150.00
45	Compacting and blinding with sand	50	rn2	1.00	50.00		
45 46 N	surface of MOT	470		2.00	244.00		
46	Disposal of inert excavated material	172	m2	2.00	344.00		
47 48 P	off site	73	m3	31.50	2299.50	45	1417.50
49	MOT1: to be obtained off site	/3	ms	31.50	2299.50	45	1417.50
50	Filling to make up levels						
001	r many to many approve						

ПА	В	С	D	E	F	G	Н
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	D21: GROUND GAS VENTING						
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		
В	extra; proprietary sump unit installed and connected in accordance						
58	with manufacturers details	1	nr	80.00	80.00		
59	IN - SITU CONCRETE/ LARGE PRECAST CONCRETE						
60	E10: MIXING/CASTING/CURING/IN-SITU CONCRETE						
	Plain in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix						
61	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		
	Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed						
64	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		
	Reinforced in-situ concrete; BS. EN.206-1 & B.S.8500, designed						
67	mix RC35, 20 aggregate; vibrated						
	Foundations poured on or against earth or unblinded hardcore						
68							
69 E	in pits as trench fill foundation	51	m3	132.00	6732.00	29	3828.00
	Ground beams; poured on or against earth or unblinded hardcore						
70 71 F	annorally.		0	400.00	0770.00	40	2112.00
	generally Column casings	21	m3	132.00	2772.00	16	2112.00
72 73 G	generally	2	m3	145.00	290.00		
73 G 74	E20: FORMWORK FOR IN-SITU CONCRETE	- 4	1113	145.00	290.00		
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	E30: REINFORCEMENT FOR IN-SITU CONCRETE						
	Reinforcement bars; B.S.4449, hot rolled deformed high yield steel						
84							
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	E40: DESIGNED JOINTS IN IN-SITU CONCRETE						
93	Formed joints Joint to slab; Ref IJ; in accordance with engineers details						
94 95 E	in concrete, depth 200 mm; horizontal	48		18.00	864.00		
95	Joint to existing foundation; Ref Xstg Fdn; in accordance with	40	m	16.00	604.00		
96	engineers details						
96 F	drilling existing foundation; resin fix dowel bar to existing						
	foundation; other end cast into new foundation; 16 dia x 600 long						
97		24	nr	11.00	264.00	24	264.00
Η̈́Η	E41: WORKED FINISHES/ CUTTING TO IN-SITU CONCRETE	2-7	"	, ,,,,,,			
98							

A	В	С	D	E	F	G	Н
99	Worked finishes on in-situ concrete						
100	Power floating						
101 G	surfaces	172	m2	8.00	1376.00		
	Sikafllor or similar surface hardener; in accordance with						
102	manufacturers details						
103 H	surfaces	172	m ₂	6.00	1032.00		
104	E42: ACCESSORIES CAST INTO IN-SITU CONCRETE	112	'''	0.00	1002.00		
105	Cast in accessories						
103	Holding down bolt and nut sets; bolts free issue from steel frame						
	contractor; with suitable cone and the like as per engineers detail						
400	Contractor, with suitable come and the like as per engineers detail						
106 A	As also have what to work to O black halfs was a later well and halfs						
	to steel base plate template; 2 No bolts per plate; release bolts						
107	after casting in	2	nr	45.00	90.00	2	90.00
В	to steel base plate template; 4 No bolts per plate; release bolts						
108	after casting in	12	nr	45.00	540.00	10	450.00
	Non shrink grout to holding down bolts and cones and the like as						
109	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	MASONRY						
113	F10: BRICK/BLOCK WALLING						
\Box	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						
111	as work proceeds						
114	Walls						
115	102 thick; stretcher bond; tied to other work						
116 E		9	m2	98.00	882.00		
117 F	102 thick; stretcher bond; pier tied to other work	2	m2	98.00	196.00		
	Concrete, lightweight aggregate, blocks, BS.EN.771-3, 440 x 215,						
	solid, keyed both sides, compressive strength 7.0 N/mm2; in						
118	cement mortar (1:4)						
119	Walls						
₁₂₀ G	215 thick; stretcher bond	15	m2	75.00	1125.00		1
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		
	F30: ACCESSORIES/SUNDRY ITEMS FOR						
123	BRICK/BLOCK/STONE WALLING						
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		
	<u>WATERPROOFING</u>	19	'''	4.50	07.50		
131	J40: FLEXIBLE SHEET TANKING/DAMP PROOFING						
131	Bituthene self adhesive damp proof membrane; 50 lapped joints						
122	Surgerione con actionise acting proof tricingtane, on tapped Journa	1					
132	Tanking and damp proofice						
133	Tanking and damp proofing vertical to walls						
134 B		14	m2	40.00	560.00		
	Polythene DPM; 2000 guage; lapped and sealed in accordance						
135	with manufacturers details						
136	Tanking and damp proofing						
_	flat and turned up at edges to lap with DPC	204	m2	1.75	357.00		ĺ
_	SURFACE FINISHES						- 1
_	M60: PAINTING/CLEAR FINISHING						ľ
	2 coats RIW; in accordance with manufacturers details						I
	Iron or steel general surfaces						
	steel columns generally; girth exceeding 300	24	m2	12.00	288.00		I
143	BUILDING FABRIC SUNDRIES						I
	P10: SUNDRY INSULATION/PROOFING WORK/ FIRE STOPS						
144							

	Α	R	С	D	Е	F	G	Н
145	A	Celotex or similar insulation board; butt joints	Ü					
146		Plain areas						
147	E	horizontal; laid loose; 100 thick	172	m2	24.42	4200.24		
148								
149		EXTERNAL WORKS						
150		DEMOLITION/ALTERATION/RENOVATION						
151		C90: ALTERATIONS - SPOT ITEMS						
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		GROUNDWORK						
156		D20: EXCAVATING AND FILLING						
157		Excavating						
158		Trenches width exceeding 0.30m						
159 E	В	maximum depth not exceeding 1.00m		m3	12.50			
160		Earthwork support						
	С	maximum depth not exceeding 1.00m; distance between opposing						
161		faces not exceeding 2.00m		m2	16.00			
162		Compacting						Ï
163		bottoms of excavations		m2	1.00			
164 E		surface of formation	38	m2	1.00	38.00		
165 F	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						1
169 H	Н	off site		m3	31.50			
170		MOT1; to be obtained off site						
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 F	K	average thickness not exceeding 0.25m	4	m3	105.00	420.00		
175		IN - SITU CONCRETE/ LARGE PRECAST CONCRETE						
176		E10: MIXING/CASTING/CURING/IN-SITU CONCRETE						
		Plain in-situ concrete; BS. EN.206-1 & B.S.8500, designed mix						
177		C20, 20 aggregate, minimum cement content 220 kg/m3						
		Foundations poured on or against earth or unblinded hardcore						
178	٨	in tourshap as transh fill for undation			405.00			
179	^	in trenches as trench fill foundation E60: PRECAST/COMPOSITE CONCRETE DECKING		m3	135.00			
180		Precast concrete stair units; manufacturer designed; in accordance						
		with manufacturers details						
181		stair and landing units; hoisted and fixed in position in accordance						
400		with manufacturers details						
182	R	Straight flight; Ref Escape stairs	4					
183		MASONRY	ľ	nr				
184		F10: BRICK/BLOCK WALLING						
185		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						
400		proceeds						
186 187		Walls						
188	С	215 thick; stretcher bond; pointed one side		m2	210.00			
189	_	WINDOWS/DOORS/STAIRS		'''2	210.00			
190		L30: STAIRS/WALKWAYS/ BALUSTRADES						
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		PAVING/PLANTING/FENCING/SITE FURNITURE	ľ	166111				
134		Q10: KERBS/EDGINGS/CHANNELS/PAVING ACCESSORIES						
195								
		1						-

	В .	С	D	E	F	G	н
	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						
196	prescribed mix C20P, 20 aggregate						
	Kerbs; rectangular section; half battered type HB2; concrete						
197	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		
	Edgings; rectangular section; flat top type EF; concrete foundation						
202	and haunching; formwork						
203 C	50 x 200 edging; 300 x 150 foundation	13	m	19.00	247.00		
204	Q23: GRAVEL/HOGGIN/WOODCHIP ROADS/PAVINGS			1			
205	Gravel; washed 19 mm Pavings						
206 207 D	50 thick; level or to falls			00.00	700.00		
	Q24: INTERLOCKING BRICK/BLOCK ROADS/PAVINGS	38	m2	20.00	760.00		
208	Precast concrete paving blocks; 30 sand bedding, symmetrical half						
1 1	bond layout; covering with washed non-staining sand, compacting						
	with plate vibrator, sweeping off surplus						
209							
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	Q50: SITE/STREET FURNITURE/EQUIPMENT	- 1					
214	PPC steel						
215	Fixed bollards						
G	ram raid bollard; set in concrete foundation in accordance with						
216	manufacturers details	4	nr	325.00	1300.00		
217							
218	DRAINAGE and SERVICES						
219	DISPOSAL SYSTEMS						
220	R12: STORM DRAINAGE BELOW GROUND						
	Excavating trenches to receive pipes not exceeding 200 nominal						
221	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		
	Excavating trenches to expose pipes not exceeding 200 nominal size; break out; disposing of surplus excavated material off site;						
	Backfill in MOT						
226	Commencing from ground level						
227 228 D	average depth 500 - 750	13		30.00	390.00	10	300.00
228	Excavating to expose existing yard gulley; disposing of surplus	13	m	30.00	390.00	10	300.00
229	excavated material off site						
229	Breaking out complete with associated items; and local drain runs;						
230	remove debris from site						
231 E	in yard	1	nr	75.00	75.00	1	75.00
232	Granular material, 10 - 20 nominal size, to be obtained off site	'		10.00	7 5.55	j	. 0.00
233	Beds and surrounds						
F	450 x 600 bed; 150 thick surround to 110 nominal size pipe;						
234	wrapped in terram geotextile	11	m	9.00	99.00		
	Plain in-situ concrete: BS.EN.206-1 & BS.8500, ordinary						
235	prescribed mix C15P, 20 aggregate						
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	uPVC pipes and fittings. Twinwall pipes; ring seal joints						
239	Pipework in trenches						

Α	В	С	D	E	F	G	Н
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		
В	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	uPVC pipes and fittings, Coiled pipes; collar joints						
249	Pipework in trenches						
₂₅₀ E	110 nominal size; perforated	15	m	12.00	180.00		
251	Generally						
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	Testing and commissioning						
256	Drainage system						
257 H	to inspecting authority requirements	1	Item	1250.00	1250.00		
258							
259	PRELIMINARIES						
260	A10 - A55 CONTRACTORS PRELIMINARIES						
MA	Contractor to assess and include all items as required to complete						
261	the works	1	Item	7500.00	7500.00	0.15	1125.00
262							
263	Fixed Price			5%	3937.12		1116.35
264							
265	Summary						
266	FACTORY EXTENSION				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;	ON ACC	C - to be	confirmed			
272	approx 250 mm - 0		hen all c				500.00
273							
274							
275					85833.23		27097.05
276							
277	RE	TENTION				5%	1354.85
278							
279	PF	REV PAID					12382.25
280							
281	THIS	PERIOD				£	13359.95
282							DILLOVAT
283							PLUS VAT