

	Hourly rate £	Total rate £	Gang rate £
IPA Field drain gang			
1 x backactor (8 tonne)	17.97	17.97	
1 x 2.5m3 dumper	6.88	7.19	
1 x pump and hoses	4.18	<u>4.37</u>	29.53
IPB Small bore pipe gang			
1 x backactor (8 tonne)	17.97	17.97	
1 x dumper (2.5m3)	7.19	7.19	
1 x pump and hoses	4.37	4.37	
1 x compressor (3.70 m3/min)	4.47	<u>4.47</u>	34.00
IPC Large bore pipe gang			
1 x backactor (21 tonne)	33.65	33.65	
1 x crawler crane (20t)	26.32	26.32	
1 x dumper (2.5m3)	7.19	7.19	
1 x pump and hoses	4.39	4.37	
1 x compressor (3.70 m3/min)	4.47	<u>4.47</u>	76.00

MATERIAL RESOURCES

	Unit	Cost £	Waste %	Total £
Agricultural clay field pipes				
75mm bore	m	3.87	5.00	4.06
100mm bore	m	5.89	5.00	6.18
150mm bore	m	12.01	5.00	12.61
200mm bore	m	30.22	5.00	31.73
Granular bedding material	t	14.29	5.00	15.00
Vitreous clay plain ended pipe				
100mm bore	m	6.52	5.00	6.85
150mm bore	m	16.23	5.00	17.04
200mm bore	m	33.22	5.00	34.88
225mm bore	m	37.29	5.00	39.15
250mm bore	m	44.01	5.00	46.21
300mm bore	m	57.81	5.00	60.70
Vitreous clay spigot and socket pipe				
150mm bore	m	19.92	5.00	20.92
225mm bore	m	37.39	5.00	39.26

	Unit	Cost £	Waste %	Total £
Vitreous clay spigot and socket pipe (cont'd)				
300mm bore	m	59.95	5.00	62.95
375mm bore	m	141.44	5.00	148.51
400mm bore	m	144.15	5.00	151.36
450mm bore	m	186.18	5.00	195.49
500mm bore	m	252.68	5.00	265.31
600mm bore	m	398.56	5.00	418.49
Concrete pipes, Class L				
300mm bore	m	12.77	5.00	13.41
375mm bore	m	16.28	5.00	17.09
450mm bore	m	18.95	5.00	19.90
525mm bore	m	23.52	5.00	24.70
600mm bore	m	28.67	5.00	30.10
675mm bore	m	59.95	5.00	62.95
750mm bore	m	45.04	5.00	47.29
825mm bore	m	52.00	5.00	54.60
900mm bore	m	63.52	5.00	66.70
1050mm bore	m	73.42	5.00	77.09
1200mm bore	m	91.81	5.00	96.40
1350mm bore	m	118.38	5.00	124.30
1500mm bore	m	179.42	5.00	188.39
1800mm bore	m	259.33	5.00	272.30
2100mm bore	m	494.00	5.00	518.70
2400mm bore	m	640.28	5.00	672.29
Cast iron pipes to BS EN 877				
100mm bore	m	18.85	5.00	19.79
150mm bore	m	37.57	5.00	39.45
200mm bore	m	63.51	5.00	66.69
250mm bore	m	93.37	5.00	98.04
300mm bore	m	116.28	5.00	122.09
400mm bore	m	198.87	5.00	208.81
500mm bore	m	254.82	5.00	267.56
600mm bore	m	311.02	5.00	326.57
Ductile iron pipes to BS EN 877				
80mm bore	m	22.59	5.00	23.72
100mm bore	m	28.46	5.00	29.88
150mm bore	m	31.83	5.00	33.42
200mm bore	m	40.58	5.00	42.61
250mm bore	m	51.37	5.00	53.94

	Unit	Cost £	Waste %	Total £
Ductile iron pipes to BS EN 877 (cont'd)				
300mm bore	m	65.21	5.00	68.47
350mm bore	m	80.81	5.00	84.85
400mm bore	m	96.82	5.00	101.66
450mm bore	m	115.02	5.00	120.77
500mm bore	m	133.89	5.00	140.58
600mm bore	m	176.94	5.00	185.79
700mm bore	m	266.48	5.00	279.80
800mm bore	m	286.05	5.00	300.35
Steel pipes to BS 3601				
100mm bore	m	23.26	5.00	24.42
150mm bore	m	29.68	5.00	31.16
200mm bore	m	30.85	5.00	32.39
250mm bore	m	31.36	5.00	32.93
300mm bore	m	39.66	5.00	41.64
PVC pipes				
82mm bore	m	9.61	5.00	10.09
110mm bore	m	7.74	5.00	8.13

UNIT RATES

Unit	Plant gang hours	Net plant £	Labour gang hours	Net labour £	Net mat'ls £	Net total £	O'heads & profit £
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Clay pipes

Agricultural clay field
drains, 75mm bore
depth

not exceeding 1.5m	m	IPA 0.02	0.59	ILA 0.02	1.45	4.06	6.10	0.91
depth, 1.5 - 2m	m	IPA 0.06	1.77	ILA 0.06	4.34	4.06	10.17	1.53