

FA06 01 Network Improvements (North East)
Appendix 07 Quotation Information (Schedule 1 of 5) Issue 3

Item Ref.	Description of Work	Surface Description		Pre-excavated	Unmade Surface	Soft Dig	Footpaths	Flexible Carriageway	Rigid Carriageway
		Diameter Bands	Item Unit						
				1	2	3	4	5	6
1.1	Open Cut	A	m	18.35	77.10	36.28	105.38	111.22	125.56
		B	m	19.32	81.15	38.19	110.92	117.07	132.17
		C	m	26.05	97.79	49.73	133.00	139.89	155.51
		D	m	39.54	124.24	66.92	167.40	176.47	191.50
		E	m	57.76	164.95	98.35	216.42	226.94	242.76
		F	m	71.61	207.43	135.54	261.41	286.99	290.06
1.2	Pipe Bursting	A	m	21.64	37.37	36.48	41.99	43.39	44.56
		B	m	22.19	38.32	37.41	43.05	44.50	45.70
		C	m	23.67	39.28	38.35	44.13	45.61	46.84
		D	m	28.78	50.52	48.42	55.98	57.42	58.58
		E	m	52.31	87.99	84.52	93.96	95.40	96.54
		F	m	62.77	99.85	94.68	106.55	107.98	109.09
1.3	Pipe Insertion	A	m	20.56	31.22	30.47	35.08	36.48	37.69
		B	m	21.08	32.02	31.26	35.98	37.41	38.66
		C	m	22.49	32.82	32.04	36.87	38.35	39.62
		D	m	27.34	49.43	47.37	54.77	56.21	57.38
		E	m	49.69	80.85	77.67	86.34	87.78	88.94
		F	m	59.63	91.10	86.37	97.20	98.64	99.77
1.4	Directional Drilling	A	m	22.68	29.30	26.21	33.28	35.09	36.57
		B	m	23.26	30.05	26.87	34.13	35.99	37.51
		C	m	34.35	44.24	39.46	47.53	49.73	51.58
		D	m	50.64	59.23	55.11	63.95	66.52	68.86
		E	m	76.29	89.55	83.07	94.70	98.88	103.18
		F	m	100.41	114.63	106.15	119.68	125.15	131.65

FA06 - 01 Network Improvements (North East)
Appendix 07: Quotation Information (Schedule 2 of 5) Issue 3

MAINS IMPROVEMENT - SCHEDULE 2								
Item Ref	Surface Description	Pre-excavated / In Ducting	Unmade Surface	Soft Dig	Footpaths	Flexible Carriageway	Rigid Carriageway	
	<u>Job Description</u>	Item	1	2	3	4	5	6
	<u>Work on a service</u>	Unit						
2.1	Service Renewal Short (under 3m) (including main connection, communication pipe and boundary box)	Nr	171.07	298.25	224.24	386.74	456.99	537.49
2.2	Service Renewal Long (over 3m) (including main connection, communication pipe and boundary box)	Nr	243.95	461.09	346.68	594.28	731.12	925.62
2.3	Service Transfer to New Main	Nr	111.56	194.51	146.25	252.22	298.04	350.53
2.4	Install / Removal - Boundary Box / MSM (Single or Double box) including install / remove up to 1.5m of Pipe/install meter or full flow cap.	Nr	100.55	270.55	180.37	292.44	322.75	427.37
2.5	4 or 6 Feed Service Manifold (extra over double box)	Nr	107.20	182.04	121.36	183.93	184.70	247.99

MISCELLANEOUS ITEMS - SCHEDULE 3

HEAVE REPAIR

Item Ref	Description of work	Unit	Price
3.1	Remove and Relay Flags	m2	30.95
3.2	Remove and Relay Macadam Road	m2	71.96
3.3	Remove and Relay Macadam Path	m2	56.51

REMOVAL OF OBSTRUCTIONS (Up to and including 1.5m Depth of Cover)

Item Ref	Description of Work	Surface Description		Pre-excavated / In Ducting	Unmade Surface	Soft Dig	Footpaths	Flexible Carriageway	Rigid Carriageway
		Diameter Bands	Item Unit	1	2	3	4	5	6
3.4	Remove Obstruction	A	Nr	N/A	355.14	355.14	517.53	637.64	680.40
3.5		B	Nr	N/A	355.14	355.14	517.53	637.64	680.40
3.6		C	Nr	N/A	402.70	402.70	593.82	724.45	756.70
3.7		D	Nr	N/A	504.27	504.27	732.61	906.44	967.86
3.8		E	Nr	N/A	650.44	650.44	911.22	1126.51	1218.86
3.9		F	Nr	N/A	879.64	879.64	1223.52	1507.41	1626.33

EXCAVATED TRIAL HOLES (Up to and including 1.5m Depth of Cover)

Item Ref	Description of Work	Surface Description		Pre-excavated / In Ducting	Unmade Surface	Soft Dig	Footpaths	Flexible Carriageway	Rigid Carriageway
		Unit	Item	1	2	3	4	5	6
3.10	Excavate trial hole, up to an including 1.0sqm surface area, including all excavation, backfilling and reinstatement	Nr		N/A	173.21	133.79	225.75	239.63	278.95
3.11	Excavate trial hole, 1.0 - 2sqm surface area, including all excavation, backfilling and reinstatement	Nr		N/A	259.82	200.68	338.61	359.45	418.43
3.12	Excavate trial hole, 2.0 - 3sqm surface area, including all excavation, backfilling and reinstatement	Nr		N/A	363.74	280.96	474.06	503.24	585.80
3.13	Excavate trial hole, 3.0 - 4sqm surface area, including all excavation, backfilling and reinstatement	Nr		N/A	483.77	373.67	630.50	669.31	779.11

VIRTUAL (NON INTRUSIVE) TRIAL HOLES

Item Ref	Description of Work	Unit	A	B
----------	---------------------	------	---	---

FA06 - 01 Network Improvements (North East)
Appendix 07: Quotation Information (Schedule 3 of 5) Issue 3

3.14	Undertake Virtual trial hole up to and including 3 linear metres in length including all mobilisation/demobilisation	Nr	£ 191.26	£ 286.89
3.15	Undertake Virtual trial hole up to and including 3 - 6 linear metres in length including all mobilisation/demobilisation	Nr	£ 286.89	£ 382.52
3.16	Undertake Virtual trial hole up to and including 6 - 9 linear metres in length including all mobilisation/demobilisation	Nr	£ 382.52	£ 573.78
3.17	Extra Over Undertake Virtual trial hole for each additional 3 linear metres over 9 liner metres	Nr	£ 191.26	£ 286.89

LINE STOP OPERATION

Item Ref	Description of Work	Surface Description		Pre-excavated / In Ducting	Unmade Surface	Soft Dig	Footpaths	Flexible Carriageway	Rigid Carriageway
		Diameter Bands	Item Unit	1	2	3	4	5	6
3.18	Excavate, Install and remove Line Stop on existing under pressure main.	A	Nr	1828.05	2212.07	2151.26	2272.87	2331.15	2389.43
3.19		B	Nr	1924.27	2328.49	2264.48	2392.50	2453.84	2515.19
3.20		C	Nr	2665.58	3421.08	3400.28	3441.88	3530.13	3618.39
3.21		D	Nr	4221.09	5946.49	5779.73	6113.25	6270.00	6426.74
3.22		E	Nr	10099.70	13017.50	12917.61	13117.41	13453.75	13790.09
3.23		F	Nr	13294.85	17340.78	16877.93	17803.62	18260.12	18716.63

ADDITIONAL REINSTATEMENT

Item Ref	Description of Work	Unit	Price
----------	---------------------	------	-------

<u>MODULAR, FLEXIBLE AND RIGID FOOTPATHS</u>			
3.24	Precast concrete flags, not exceeding 50mm thick on sand/cement bed; pointing	m ²	£ 32.08
3.25	Block paviors on sand bed and hardcore base to match existing overall thickness not exceeding 200mm	m ²	£ 42.95
3.26	Dense bitumen macadam wearing course depth not exceeding 20mm	m ²	£ 17.34
3.27	Dense bitumen macadam wearing course 20 - 35mm thick	m ²	£ 19.27
3.28	Dense bitumen macadam base course, depth not exceeding 50mm	m ²	£ 28.91
3.29	Dense bitumen macadam base course, depth 50 - 75mm	m ²	£ 31.80
3.29a	Mass concrete footpaths	m ²	£ 48.80
<u>CARRIAGEWAY - UNMETALLED, FLEXIBLE, RIGID, RIGID REINFORCED</u>			
3.30	Dense bitumen macadam wearing course, depth not exceeding 40mm	m ²	£ 22.99
3.31	Dense bitumen macadam wearing course, depth 40mm - 75mm thick	m ²	£ 30.59
3.32	Hot rolled asphalt wearing course depth 40mm - 75mm	m ²	£ 37.00
3.33	Hot rolled asphalt wearing course depth not exceeding 40mm	m ²	£ 27.82
3.34	Stone mastic asphalt wearing course depth not exceeding 50mm	m ²	£ 41.23
3.35	Stone mastic asphalt wearing course depth not exceeding 75mm	m ²	£ 57.73
3.36	Dense bitumen macadam base course depth not exceeding 60mm	m ²	£ 34.50
3.37	Dense bitumen macadam base course depth 60 - 100mm	m ²	£ 45.88
3.38	Hot rolled asphalt base course depth not exceeding 60mm	m ²	£ 41.73
3.39	Hot rolled asphalt base course depth 60 -100mm	m ²	£ 55.49
3.40	Mass concrete carriageway, expansion joints; concrete not exceeding 150mm thick	m ²	£ 80.55
3.41	Mass concrete carriageway, expansion joints; concrete 150 - 250mm thick	m ²	£ 118.11
3.42	Reinforced concrete carriageway, expansion joints; concrete not exceeding 150mm thick	m ²	£ 96.11
3.43	Reinforced concrete carriageway, expansion joints; concrete exceeding 150mm thick	m ²	£ 133.66
3.44	Unmetalled carriageway, - compacted waterbound cinder ash , hardcore or pitching, degraded macadam depth not exceeding	m ²	£ 25.20
<u>AGRICULTURAL AND GRASS VERGE</u>			
3.45	Topsoil; spread and levelled depth not exceeding 150mm	m ²	£ 5.76
3.46	Topsoil and grass seed; depth not exceeding 150mm overall	m ²	£ 6.28
3.47	Topsoil and meadow turf; depth not exceeding 175mm overall	m ²	£ 7.20
<u>TEMPORARY SURFACING</u>			
3.48	To modular, flexible or rigid footpath	m ²	£ 37.60
3.49	To Unmetalled or flexible carriageways	m ²	£ 47.12
3.50	To rigid carriageways	m ²	£ 47.12

ENABLING WORKS - SCHEDULE 4

Item Ref	Description	Unit	Rate
4.1	Carry out Enabling work for Mains Diversion & Infrastructure Maintenance not exceeding 50m	Nr.	354.11
4.2	Carry out Enabling work for Mains Diversion & Infrastructure Maintenance, 50m to 500m	m	4.68
4.3	Carry out Enabling work for Mains Diversion & Infrastructure Maintenance, 500m to 1000m	m	4.08
4.4	Carry out Enabling work for Mains Diversion & Infrastructure Maintenance, 1000m to 1500m	m	4.08
4.5	Carry out Enabling work for Mains Diversion & Infrastructure Maintenance, 1500m to 3000m	m	4.08
4.6	Carry out Enabling work for Mains Diversion & Infrastructure Maintenance, 3000m to 6000m	m	4.08
4.7	Carry out Enabling work for Mains Diversion & Infrastructure Maintenance, in excess of 6km	m	3.92

Schedule of Rates: Schedule 5 - PEOPLE, DESIGN AND EQUIPMENT

People

Table 1

Category of employee	Standard Hourly rate (£)	Overtime Hourly rate (£)
Project Manager		
Site Agent		
Foreman		
Customer Service Technician		
HGV Driver		
Bursting / Insertion Operative		
Service Laying Operative		
Mains Laying Operative		
Mains Laying Ganger		
Reinstatement Operative		
Concrete Layer		
Labourer (General Operative)		
Plant Operative / General Machine Driver (All grades)		
Banksman		
Plumber		
Additional grades of personnel:		
Reins Manager		Rede
QS		
Assistant QS		
Stores Manager and Logistics Control		
Cost Technician		
Customer Service Manager		
Customer Service Assistant		
Support Services Manager		
Programme and Planning Manager		
Planner		
Planning Assistant		
Administration / Data Input		
NRSWA Administrator		
PDA Support / Quality Technician		
SHEQ Site Control		
Storeman		
Streetworks / Quality		
Runner		

The above hourly rates are based upon the following working hours per week and working weeks per year :

	Hours per week	Weeks per year
Standard Rate	45	48
Overtime Rate	123	52

Design

Table 2

Category of employee	Standard Hourly rate (£)	Overtime Hourly rate (£)
Designer		
CAD		Rede
Additional grades of personnel:		
Site Surveyor		

Equipment

Table 3

Equipment	Size, Capacity or Model (for items of individual plant below)	Hourly rate (£)
Hydraulic pipe bursting rig		
Coil Trailer		
Pipe winch		
360 excavator (inc percussion breaker)		
JCB 3CX (inc percussion breaker)		
Mini Digger (inc percussion breaker)		
Excavation plant and equipment (inc that for water control and utility detection) not included elsewhere		
Dumpers		
Grab wagon		
All vehicles, plant and tools associated with service and boundary box installation		Rede
All vehicles, plant and tools associated with pipe jointing		
All vehicles, plant and tools associated with backfilling and reinstatement		
All vehicles, plant and tools associated with pressure testing and disinfection		
All facilities associated with workforce welfare		
All facilities and plant associated with site storage		
All equipment and vehicles associated with signing, lighting (inc traffic lights) and guarding (inc excavation plates and ramps)		