

Strategic Economic Plan

Coral Reef Junction

TM			£100,000.00
Site clearance	5000 m2	£1.00	£5,000.00
Remove tree	30 nr	£65.00	£1,950.00
Remove stumps	30 nr	£50.00	£1,500.00
Excavate mound of roundabout	2500 m3	£10.50	£26,250.00
Disposal of mound of roundabout	2500 m3	£18.00	£45,000.00
Break out kerbs	2110 m	£8.50	£17,935.00
Footway soft dig	952 m2	£12.27	£11,681.04
Footway hard dig	0 m2	£16.67	£0.00
Excavate carriageway soft dig	3155 m2	£35.30	£111,371.50
Excavate carriageway hard dig	886 m2	£39.70	£35,174.20
New footway	1119 m2	£27.00	£30,213.00
Resurface footway	0 m2	£25.23	£0.00
New carriageway	3155 m2	£73.50	£231,892.50
Plane and re-surface	7397 m2	£12.20	£90,243.40
Drainage	13800 m2	£18.81	£259,578.00
Buff anti-skid	2428 m2	£15.00	£36,420.00
Red anti-skid	0 m2	£18.00	£0.00
Kerbing	1980 m	£23.00	£45,540.00
Barrier	800 m	£37.00	£29,600.00
Barrier terminations	20 no.	£1,025.00	£20,500.00
Street lighting	1 sum	£175,000.00	£175,000.00
Road markings	1 sum	£5,000.00	£5,000.00
Road signs	1 sum	£20,000.00	£20,000.00
Traffic signals	1 sum	£175,000.00	£175,000.00

Sub total £1,474,848.64

Add 3% uplift for inflation £1,519,094.10

Add 7.5% restricted working £113,932.06

Add 40% for night time working (estimate) £52,665.36

Add 15% prelims £252,853.73

Foreseen Risk £147,300.00

Add 15% staff fees £312,876.79

Add stats diversions (estimate) * £211,215.00

Sub total **£2,609,937.03**

* BT and telecomms in area of excavation

Add 15% Bias £391,490.55

Grand Total **£3,001,427.59**

Breakdown of Rates

Excavation/clearance

Excavate for footway (soft dig)

Excavation	0.23 m3	£25.00	£5.75
Disposal	0.23 m3	£24.00	£5.52
Prepare formation	1 m2	£1.00	£1.00

Total £12.27 /m2

Excavate for footway (hard dig)

Excavation	0.23 m3	£25.00	£5.75
Disposal	0.23 m3	£24.00	£5.52
EO for hard breakout	0.2 m3	£22.00	£4.40
Prepare formation	1 m2	£1.00	£1.00

Total £16.67 /m2

Excavate for carriageway (soft dig)

Excavation	0.7 m3	£25.00	£17.50
Disposal	0.7 m3	£24.00	£16.80
Prepare formation	1 m2	£1.00	£1.00

Total £35.30 /m2

Excavate for carriageway (Hard dig)

Excavation	0.7 m3	£25.00	£17.50
Disposal	0.7 m3	£24.00	£16.80
EO for hard breakout	0.2 m3	£22.00	£4.40
Prepare formation	1 m2	£1.00	£1.00
<u>Total</u>			£39.70 /m2

New Construction

Footway (2m wide at edge of carriageway)

Composite footway	1 m2	£27.00	£27.00
Edgings	0.5 m	£14.00	£7.00
<u>Total</u>			£34.00 /m2

Resurface footway

Excavate existing tarmac	0.1 m3	£25.00	£2.50
Disposal	0.1 m3	£24.00	£2.40
EO for hard breakout	0.1 m3	£22.00	£2.20
Regulate sub-base with Type 1	0.025 m3	£45.00	£1.13
60mm binder course	1 m2	£11.00	£11.00
25mm surface course	1 m2	£6.00	£6.00
<u>Total</u>			£25.23 /m2

Carriageway (Trunk Road)

50mm surface course	1 m2	£10.00	£10.00
70mm binder course	1 m2	£12.00	£12.00
260mm basecourse	1 m2	£38.00	£38.00
300mm Type 1 sub base	0.3 m3	£45.00	£13.50
<u>Total</u>			£73.50 /m2

Plane & surface carriageway

Plane 40mm deep	1 m2	£2.00	£2.00
Tack coat	1 m2	£0.20	£0.20
HRA	1 m2	£10.00	£10.00
<u>Total</u>			£12.20 /m2

Drainage (per 200m2)

Gully	1 no.	£302.00	£302.00
150mm dia pipework	30 m	£88.00	£2,640.00
Concrete bed and surround	3 m3	£74.00	£222.00
Connection to gully/manhole	1.3 no.	£77.00	£100.10
Manhole	0.3 no.	£1,660.00	£498.00
Total (200m2)			£3,762.10
<u>Total (m2)</u>			£18.81 /m2

Street Lighting (per 30m run over two lanes)

Complete street light (column, lantern, connection and internal fittings)	1 no.	£1,000.00	£1,000.00
100mm duct	30 m	£27.00	£810.00
Total (30m run)			£1,810.00
<u>Total (m)</u>			£60.33 m

Miscellaneous rates

Break out kerbs/channels			£8.50 m
High friction surfacing (buff)			£15.00 /m2
High friction surfacing (red)			£18.00 /m2
Kerbing			£23.00 m
Vehicle barrier (single sided)			£37.00 m
Vehicle barrier (terminations)			£1,025.00 no.