

	Description	Estimated Cost - SMEC Costing, PSP sections	Estimated Cost - SMEC costing (English St without Table Drain, Norman Rd T- intersection)	DCP Allowance	Jacobs/SKM costs
Intersection projects					
IN-25.2-1	Donnybrook Rd/English St Jacobs/SKM Design	\$ 5,264,000		\$ 6,173,420	\$ 6,173,420
IN-25.2-2	English St/Norman Rd	\$ 2,473,000	\$ 1,983,000	\$ 4,209,959	\$ 4,209,959
	Pedestrian crossing	\$ 124,000		\$ 253,105	\$ 253,105
Road Projects					
RD-25.2-1	English St, North-South section	\$ 1,328,000	\$ 1,667,000	\$ 1,931,339	\$ 5,347,600
RD-25.2-2	English St, East-West section	\$ 1,650,000	\$ 2,092,000	\$ 3,471,235	\$ 3,471,235
Bridge Projects					
BR-25.1-1	Merri Creek road bridge	\$ 5,538,000		\$ 5,052,608	\$ 5,052,608
BR-25.1-2	Pedestrian bridge across Merri Creek	\$ 1,753,000		\$ 1,813,878	\$ 1,813,878
TOTAL		\$ 18,130,000		\$ 22,905,544	\$ 26,321,805

SKM costing includes middle intersection which has since been removed from DCP

Alternatives

IN-25.2-1	Donnybrook Rd/English St SMEC Redesign	\$ 4,812,000
BR-25.1-1	Merri Creek road bridge with compact cross-section	\$ 3,815,000
BR-25.1-2	Pedestrian bridge across Merri Creek with 4m clear width	\$ 1,616,000
		\$ 15,818,000

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Construction Rates

Description	Detail	Unit	Rate
Clearing & Grubbing		sq m	\$ 2.50
Earth Works	Topsoil strip, stockpile & respread	sq m	\$ 3.50
	Cut to fill	cu m	\$ 30.00
	Import Type B, place & compact fill	cu m	\$ 50.00
	Swale drain formation	lin m	\$ 10.30
	sawcut existin Pavement	lin m	\$ 7.70
Pavement	Overlay existing pavement Asphalt 40mm, SIZ	sq m	\$ 25.00
Pavement	Construct deep strength pavement (Arterial Pavement), including wearing course (720mm depth)	sq m	\$ 125.00
Pavement	Construct granular pavement with asphalt surface (Council Pavement for Collector Street 550mm depth)	sq m	\$ 75.00
Kerb & Channel	Type SM2	lin m	\$ 40.00
Footpath	Concrete	sq m	\$ 46.00
Concrete Splitter Islands		sq m	\$ 75.00
Drainage	Subsoil Drains	lin m	\$ 22.00
	Flush out Risers/outlets	No	\$ 604.00
	Drainage Pits - small	No	\$ 2,150.00
	Drainage Pits - large	No	\$ 3,430.00
	Drainage Pipe 300mm dia CRB Bk Fill	lin m	\$ 150.00
	Drainage Pipe 375mm dia CRB Bk Fill	lin m	\$ 180.00
	Drainage Pipe 450mm dia CRB Bk Fill	lin m	\$ 250.00
	Drainage Pipe 525mm dia CRB Bk Fill	lin m	\$ 300.00
	1800 x 900 Box culverts with CRB Bk Fill	lin m	\$ 2,160.00
Miscellaneous	Line Marking	sq m	\$ 2.50
	Signage	No	\$ 180.00
	Tactile pavers	No	\$ 256.00
	Street Name Signs	No	\$ 180.00
	Off-structure barriers (regular containment on piles)	lin m	\$ 2,000.00
	w-Beam barrier	lin m	\$ 113.00
	GREAT Terminal	No	\$ 5,000.00
	Fencing - post and wire	m	\$ 25.00
Utilities	Relocate electricity pole	No.	\$ 20,000.00
	Relocate Telstra pit and conduits (all inclusive)	No.	\$ 8,000.00
	Relocate 100mm PVC water main	m	\$ 200.00
	Relocate 150mm PVC water main	m	\$ 300.00
	Protect 100mm PVC water main	m	\$ 100.00
	Protect 150mm PVC water main	m	\$ 150.00
	Protect 200mm PVC water main	m	\$ 200.00
	Reconstruct water main pit and change pit lid to gatic	m	\$ 2,500.00
Nett Gain		No	\$ 1,500.00
Environmental Management		item	-
Traffic Management		item	-
Landscaping		sq m	\$ 3.20
Traffic signals	Conduit installation	lin m	\$ 62.00
	Cable installation	lin m	\$ 41.00
	Conduit Pits	No	\$ 410.00
	Detector Loops	No	\$ 665.00
	Detector Pits	No	\$ 205.00
	Pedestrian Detectors	No	\$ 614.00
	Pedistalls incl footings 11m	No	\$ 5,220.00
	Pedistalls incl footings 5.5m	No	\$ 7,675.00
	Lanterns	No	\$ 1,900.00
	Controller Base and Pillar	No	\$ 4,600.00
	Signal controller	lin m	\$ 7,675.00
	Cross road	item	\$ 210,000.00
	T-intersection	item	\$ 180,000.00
	Divided cross road	item	\$ 225,000.00
	Divided T-intersection	item	\$ 205,000.00
Intersection Lighting	Pole	item	\$ 7,675.00
	High Pressure Sodium Lantern	item	\$ 770.00
	Distribution Box	item	\$ 2,560.00
	Lighting Conduit & Cable (incl. trenching)	lin m	\$ 66.50
	Electrical pit	No	\$ 230.00
	Lighting pole all inclusive	No	\$ 12,000.00
Services Relocating/alteration	Testra	item	\$ 50,000.00
	Electrical	item	\$ 20,000.00
	Water	item	\$ 20,000.00
	Other	item	\$ -
Vicroads 10 year Maintenance Fee incl Prom & controller		item	\$ 75,000.00
Vicroads/Council Fees	3.25% of cost of works	item	3.25%
Professional Fees	Survey & Design	item	10%
	Geotech Investigation & Pavement design	item	\$ 15,000.00
Project Management Fee		item	5%
Contingency		item	20%

IN-25.2-1

Donnybrook Rd/English St Jacobs/SKM Design

Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.50	45800	\$ 114,500.00
Earth Works	Cut to fill	cu m	\$ 30.00	10569.6	\$ 317,088.00
Pavement	Construct deep strength pavement (Arterial Pavement), including wearing course (720mm depth)	sq m	\$ 125.00	14680	\$ 1,835,000.00
	40mm Pavement Overlay	sq m	\$ 25.00	269	\$ 6,725.00
Kerb & Channel		m	\$ 40.00	3432	\$ 137,280.00
Footpath	Concrete	sq m	\$ 46.00	2282	\$ 104,972.00
Concrete Splitter Islands		sq m	\$ 75.00	402	\$ 30,150.00
Drainage	Subsoil Drains	m	\$ 22.00	3036	\$ 66,792.00
	Drainage Pits	No	\$ 2,150.00	16	\$ 34,400.00
	Drainage Pipe 300 dia	m	\$ 150.00	1192	\$ 178,800.00
	Form Swale Drain	lin m	\$ 45.00	390	\$ 17,550.00
	Culverts - 2 No 1800 x 900 BC	lin m	\$ 4,320.00	44	\$ 190,080.00
	Junction Pits for Box culvert	No	\$ 3,430.00	2	\$ 6,860.00
Miscellaneous	Line Marking	sq m	\$ 2.50	14949	\$ 37,372.50
	Signage	No	\$ 180.00	20	\$ 3,600.00
	Tactile pavers	No	\$ 256.00	24	\$ 6,144.00
	Fencing	m	\$ 25.00	1000	\$ 25,000.00
Landscaping	Topsoil and grass to naturestrips	sq m	\$ 3.20	28167	\$ 90,134.40
Traffic signals	Divided cross road	item	\$ 225,000.00	1	\$ 225,000.00
Intersection Lighting	New lighting pole (All Inclusive)	No.	\$ 12,000.00	8	\$ 96,000.00
Service relocation	Relocate electricity pole	No.	\$ 770.00	1	\$ 770.00
				Subtotal	\$ 3,524,217.90
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 114,537.08
Vicroads Fees	1% of cost of works	item	1%	1	\$ 35,242.18
Vicroads 10 year Maintenance Fee incl Prom & controller		item	\$ 75,000.00	1.00	\$ 75,000.00
Traffic Management	5% of cost of works	item	5%	1	\$ 176,210.90
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 17,621.09
Survey & Design	5% of cost of works	item	5%	1	\$ 176,210.90
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 352,421.79
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 88,105.45
Contingency	20% of cost of works	item	20%	1	\$ 704,843.58
				TOTAL	\$ 5,264,410.86
				ROUNDED TOTAL	\$ 5,264,000

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IN-25.2-1

Donnybrook Rd/English St SMEC Redesign

Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.50	45800	\$ 114,500.00
Earth Works	Cut to fill	cu m	\$ 30.00	7740	\$ 232,200.00
Pavement	Construct deep strength pavement (Arterial Pavement), including wearing course (720mm depth)	sq m	\$ 125.00	10750	\$ 1,343,750.00
	40mm Pavement Overlay	sq m	\$ 25.00	3610	\$ 90,250.00
Kerb & Channel		m	\$ 40.00	3115	\$ 124,600.00
Footpath	Concrete	sq m	\$ 46.00	3576	\$ 164,496.00
Concrete Splitter Islands		sq m	\$ 75.00	830	\$ 62,250.00
Drainage	Subsoil Drains	m	\$ 22.00	3577	\$ 78,694.00
	Drainage Pits	No	\$ 2,150.00	16	\$ 34,400.00
	Drainage Pipe 300 dia	m	\$ 150.00	1250	\$ 187,500.00
	Form Swale Drain	lin m	\$ 45.00	390	\$ 17,550.00
	Culverts - 2 No 1800 x 900 BC	lin m	\$ 4,320.00	44	\$ 190,080.00
	Junction Pits for Box culvert	No	\$ 3,430.00	2	\$ 6,860.00
Miscellaneous	Line Marking	sq m	\$ 2.50	14360	\$ 35,900.00
	Signage	No	\$ 180.00	20	\$ 3,600.00
	Tactile pavers	No	\$ 256.00	24	\$ 6,144.00
	Fencing	m	\$ 25.00	1000	\$ 25,000.00
Landscaping	Topsoil and grass to naturestrips	sq m	\$ 3.20	27034	\$ 86,508.80
Traffic signals	Divided cross road	item	\$ 225,000.00	1	\$ 225,000.00
Intersection Lighting	New lighting pole (All Inclusive)	No.	\$ 12,000.00	14	\$ 168,000.00
Service relocation	Relocate electricity pole	No.	\$ 20,000.00	1	\$ 20,000.00
				Subtotal	\$ 3,217,282.80
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 104,561.69
Vicroads Fees	1% of cost of works	item	1%	1	\$ 32,172.83
Vicroads 10 year Maintenance Fee incl Prom & controller		item	\$ 75,000.00	1.00	\$ 75,000.00
Traffic Management	5% of cost of works	item	5%	1	\$ 160,864.14
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 16,086.41
Survey & Design	5% of cost of works	item	5%	1	\$ 160,864.14
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 321,728.28
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 80,432.07
Contingency	20% of cost of works	item	20%	1	\$ 643,456.56
				TOTAL	\$ 4,812,448.92
				ROUNDED TOTAL	\$ 4,812,000

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IN-25.2-2

English St/Norman Rd

Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.50	16060	\$ 40,150.00
Earth Works	Cut to fill	cu m	\$ 30.00	4285.75	\$ 128,572.50
Pavement	Construct deep strength pavement (Arterial Pavement), including wearing course (720mm depth)	sq m	\$ 125.00	4320	\$ 540,000.00
	Construct granular pavement (Council Pavement for Collector Street 550mm depth)	sq m	\$ 75.00	2137	\$ 160,275.00
Kerb & Channel		m	\$ 40.00	1518	\$ 60,720.00
Footpath	Concrete	sq m	\$ 46.00	2136	\$ 98,256.00
Concrete Splitter Islands		sq m	\$ 75.00	395	\$ 29,625.00
Drainage	Subsoil Drains	m	\$ 22.00	1553	\$ 34,166.00
	Drainage Pits	No	\$ 2,150.00	10	\$ 21,500.00
	Drainage Pipe 300 dia	m	\$ 150.00	800	\$ 120,000.00
	Form Swale Drain	lin m	\$ 45.00	210	\$ 9,450.00
Miscellaneous	Line Marking	sq m	\$ 2.50	6457	\$ 16,142.50
	Signage	No	\$ 180.00	20	\$ 3,600.00
	Tactile pavers	No	\$ 256.00	20	\$ 5,120.00
	Fencing	m	\$ 25.00	695	\$ 17,375.00
Landscaping	Topsoil and grass to naturestrips	sq m	\$ 3.20	7072	\$ 22,630.40
Traffic signals	Divided cross road	item	\$ 225,000.00	1	\$ 225,000.00
Intersection Lighting	New lighting pole (All Inclusive)	No.	\$ 12,000.00	8	\$ 96,000.00
Service relocation	Relocate electricity pole	No.	\$ 20,000.00	2	\$ 40,000.00
				Subtotal	\$ 1,628,582.40
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 52,928.93
Vicroads Fees	1% of cost of works	item	1%	1	\$ 16,285.82
Vicroads 10 year Maintenance Fee incl	Prom & controller	item	\$ 75,000.00	1.00	\$ 75,000.00
Traffic Management	5% of cost of works	item	5%	1	\$ 81,429.12
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 8,142.91
Survey & Design	5% of cost of works	item	5%	1	\$ 81,429.12
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 162,858.24
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 40,714.56
Contingency	20% of cost of works	item	20%	1	\$ 325,716.48
				TOTAL	\$ 2,473,087.58
				ROUNDED TOTAL	\$ 2,473,000

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IN-25.2-3

English St/Norman Rd T-Intersection

Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.50	12070	\$ 30,175.00
Earth Works	Cut to fill	cu m	\$ 30.00	3361.33	\$ 100,839.90
Pavement	Construct deep strength pavement (Arterial Pavement), including wearing course (720mm depth)	sq m	\$ 125.00	3939	\$ 492,375.00
	Construct granular pavement (Council Pavement for Collector Street 550mm depth)	sq m	\$ 75.00	955	\$ 71,625.00
Kerb & Channel		m	\$ 40.00	1150	\$ 46,000.00
Footpath	Concrete	sq m	\$ 46.00	2060	\$ 94,760.00
Concrete Splitter Islands		sq m	\$ 75.00	170	\$ 12,750.00
Drainage	Subsoil Drains	m	\$ 22.00	1165	\$ 25,630.00
	Drainage Pits	No	\$ 2,150.00	9	\$ 19,350.00
	Drainage Pipe 300 dia	m	\$ 150.00	600	\$ 90,000.00
	Form Swale Drain	lin m	\$ 45.00	210	\$ 9,450.00
Miscellaneous	Line Marking	sq m	\$ 2.50	4894	\$ 12,235.00
	Signage	No	\$ 180.00	15	\$ 2,700.00
	Tactile pavers	No	\$ 256.00	10	\$ 2,560.00
	Fencing	m	\$ 25.00	695	\$ 17,375.00
Landscaping	Topsoil and grass to naturestrips	sq m	\$ 3.20	4946	\$ 15,827.20
Traffic signals	T-intersection	item	\$ 180,000.00	1	\$ 180,000.00
Intersection Lighting	New lighting pole (All Inclusive)	No.	\$ 12,000.00	6	\$ 72,000.00
Service relocation	Relocate electricity pole	No.	\$ 20,000.00	2	\$ 40,000.00
				Subtotal	\$ 1,295,652.10
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 42,108.69
Vicroads Fees	1% of cost of works	item	1%	1	\$ 12,956.52
Vicroads 10 year Maintenance Fee incl Prom & controller		item	\$ 75,000.00	1.00	\$ 75,000.00
Traffic Management	5% of cost of works	item	5%	1	\$ 64,782.61
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 6,478.26
Survey & Design	5% of cost of works	item	5%	1	\$ 64,782.61
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 129,565.21
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 32,391.30
Contingency	20% of cost of works	item	20%	1	\$ 259,130.42
				TOTAL	\$ 1,982,847.72
				ROUNDED TOTAL	\$ 1,983,000

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Pedestrian crossing

Description	Detail	Unit	Rate	Qty	Amount
Miscellaneous	Line Marking	sq m	\$ 2.50	26.4	\$ 66.00
	Signage	No	\$ 180.00	4	\$ 720.00
	Tactile pavers	No	\$ 256.00	4	\$ 1,024.00
Traffic Signals	Conduit installation	m	\$ 62.00	30	\$ 1,860.00
	Conduit Pits	No	\$ 410.00	4	\$ 1,640.00
	Detector Loops	No	\$ 665.00	2	\$ 1,330.00
	Detector Pits	No	\$ 205.00	2	\$ 410.00
	Pedestrian Detectors	No	\$ 614.00	4	\$ 2,456.00
	Pedistalls incl footings 5.5m	No	\$ 7,675.00	4	\$ 30,700.00
	Lanterns	No	\$ 1,900.00	4	\$ 7,600.00
	Controller Base and Pillar	No	\$ 4,600.00	1	\$ 4,600.00
	Signal controller	No	\$ 7,675.00	1	\$ 7,675.00
Lighting	New lighting pole (All Inclusive)	No	\$ 12,000.00	2	\$ 24,000.00
				Subtotal	\$ 84,081.00
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 2,732.63
Vicroads Fees	1% of cost of works	item	1%	1	\$ 840.81
Traffic Management	5% of cost of works	item	5%	1	\$ 4,204.05
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 420.41
Survey & Design	5% of cost of works	item	5%	1	\$ 4,204.05
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 8,408.10
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 2,102.03
Contingency	20% of cost of works	item	20%	1	\$ 16,816.20
				TOTAL	\$ 123,809.27
				ROUNDED TOTAL	\$ 124,000

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RD-25.2-1

(With Table Drain)

English St, North-South section

Mid intersection excluded from costing, road project costs only

Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.50	12665	\$ 31,662.50
Earth Works	Cut place & Compact and disposal (for boxing)	cu m	\$ 30.00	2950.2	\$ 88,506.00
Pavement	Construct deep strength pavement (Arterial Pavement), including wearing course (720mm depth)	sq m	\$ 125.00	4097.5	\$ 512,187.50
Kerb & Channel		m	\$ 40.00	745	\$ 29,800.00
Footpath	Concrete	sq m	\$ 46.00	2235	\$ 102,810.00
Drainage	Subsoil Drains	m	\$ 22.00	1490	\$ 32,780.00
	Form Swale Drain	lin m	\$ 45.00	745	\$ 33,525.00
Miscellaneous	Line Marking	sq m	\$ 2.50	4097.5	\$ 10,243.75
Landscaping		sq m	\$ 3.20	6332.5	\$ 20,264.00
Service relocation	Relocate electricity pole	No.	\$ 20,000.00	2	\$ 40,000.00
				Subtotal	\$ 901,778.75
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 29,307.81
Vicroads Fees	1% of cost of works	item	1%	1	\$ 9,017.79
Traffic Management	5% of cost of works	item	5%	1	\$ 45,088.94
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 4,508.89
Survey & Design	5% of cost of works	item	5%	1	\$ 45,088.94
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 90,177.88
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 22,544.47
Contingency	20% of cost of works	item	20%	1	\$ 180,355.75
				TOTAL	\$ 1,327,869.21
				ROUNDED TOTAL	\$ 1,328,000

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RD-25.2-1

(Without Table Drain)

English St

Mid intersection costing excluded, road project costs only

Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		sq m	\$ 2.50	12665	\$ 31,662.50
Earth Works	Cut place & Compact and disposal (for boxing)	cu m	\$ 30.00	3003.84	\$ 90,115.20
Pavement	Construct deep strength pavement (Arterial Pavement), including wearing course (720mm depth)	sq m	\$ 125.00	4172	\$ 521,500.00
Kerb & Channel		m	\$ 40.00	1490	\$ 59,600.00
Footpath	Concrete	sq m	\$ 46.00	2235	\$ 102,810.00
Drainage	Subsoil Drains	m	\$ 22.00	1490	\$ 32,780.00
	Road Drainage (375 dia + Pits)	lin m	\$ 300.00	745	\$ 223,500.00
Miscellaneous	Line Marking	sq m	\$ 2.50	4172	\$ 10,430.00
Landscaping		sq m	\$ 3.20	6258	\$ 20,025.60
Service relocation	Relocate electricity pole	No.	\$ 20,000.00	2	\$ 40,000.00
				Subtotal	\$ 1,132,423.30
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 36,803.76
Vicroads Fees	1% of cost of works	item	1%	1	\$ 11,324.23
Traffic Management	5% of cost of works	item	5%	1	\$ 56,621.17
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 5,662.12
Survey & Design	5% of cost of works	item	5%	1	\$ 56,621.17
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 113,242.33
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 28,310.58
Contingency	20% of cost of works	item	20%	1	\$ 226,484.66
				TOTAL	\$ 1,667,493.31
				ROUNDED TOTAL	\$ 1,667,000

SMEC Australia assumes no liability for losses incurred through changes to the quantities required to construct the intersection or increases in construction rates and costs.
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RD-25.2-2

English St, East-West section

Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.50	16469.6	\$ 41,174.00
Earth Works	Cut place & Compact and disposal (for boxing)	cu m	\$ 30.00	3836.448	\$ 115,093.44
Pavement	Construct deep strength pavement (Arterial Pavement), including wearing course (720mm depth)	sq m	\$ 125.00	5328.4	\$ 666,050.00
Kerb & Channel		m	\$ 40.00	968.8	\$ 38,752.00
Footpath	Concrete	sq m	\$ 46.00	2906.4	\$ 133,694.40
Drainage	Subsoil Drains	m	\$ 22.00	1937.6	\$ 42,627.20
	Form Swale Drain	lin m	\$ 45.00	968.8	\$ 43,596.00
Miscellaneous	Line Marking	sq m	\$ 2.50	5328.4	\$ 13,321.00
Landscaping		sq m	\$ 3.20	8234.8	\$ 26,351.36
				Subtotal	\$ 1,120,659.40
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 36,421.43
Vicroads Fees	1% of cost of works	item	1%	1	\$ 11,206.59
Traffic Management	5% of cost of works	item	5%	1	\$ 56,032.97
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 5,603.30
Survey & Design	5% of cost of works	item	5%	1	\$ 56,032.97
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 112,065.94
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 28,016.49
Contingency	20% of cost of works	item	20%	1	\$ 224,131.88
				TOTAL	\$ 1,650,170.97
				ROUNDED TOTAL	\$ 1,650,000

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RD-25.2-2

English St

Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.50	16469.60	\$ 41,174.00
Earth Works	Cut place & Compact and disposal (for boxing)	cu m	\$ 30.00	3906.20	\$ 117,186.05
Pavement	Construct deep strength pavement (Arterial Pavement), including wearing course (720mm depth)	sq m	\$ 125.00	5425.28	\$ 678,160.00
Kerb & Channel		m	\$ 40.00	1937.60	\$ 77,504.00
Footpath	Concrete	sq m	\$ 46.00	2906.40	\$ 133,694.40
Drainage	Subsoil Drains	m	\$ 22.00	1937.60	\$ 42,627.20
	Road Drainage (375 dia + Pits)	lin m	\$ 300.00	968.80	\$ 290,640.00
Miscellaneous	Line Marking	sq m	\$ 2.50	5425.28	\$ 13,563.20
Landscaping		sq m	\$ 3.20	8137.92	\$ 26,041.34
				Subtotal	\$ 1,420,590.19
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 46,169.18
Vicroads Fees	1% of cost of works	item	1%	1	\$ 14,205.90
Traffic Management	5% of cost of works	item	5%	1	\$ 71,029.51
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 7,102.95
Survey & Design	5% of cost of works	item	5%	1	\$ 71,029.51
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 142,059.02
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 35,514.75
Contingency	20% of cost of works	item	20%	1	\$ 284,118.04
				TOTAL	\$ 2,091,819.06
				ROUNDED TOTAL	\$ 2,092,000

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Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.50	31411	\$ 78,527.50
Structure costs	2 span structure with 1500mm deep Super-T beams (all inclusive)	sq m	\$ 4,500.00	810	\$ 3,645,000.00
Bridge approach barriers	Guard fence	m	\$ 113.00	240	\$ 27,120.00
	GREAT terminals	No	\$ 5,000.00	2	\$ 10,000.00
Subtotal					\$ 3,760,647.50
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 122,221.04
Vicroads Fees	1% of cost of works	item	1%	1	\$ 37,606.48
Traffic Management	5% of cost of works	item	5%	1	\$ 188,032.38
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 18,803.24
Survey & Design	5% of cost of works	item	5%	1	\$ 188,032.38
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 376,064.75
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 94,016.19
Contingency	20% of cost of works	item	20%	1	\$ 752,129.50
TOTAL					\$ 5,537,553.44
ROUNDED TOTAL					\$ 5,538,000

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Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.50	259	\$ 648.00
Structure Costs	2 span structure with 1500mm deep Super-T beams (all inclusive)	sq m	\$ 4,500.00	259	\$ 1,166,400.00
Embankment & Wingwall		item	\$ 75,000.00	1	\$ 75,000.00
				Subtotal	\$ 1,241,400.00
Authority Fees	3.25% of cost of works	item	3.25%	1	\$ 40,345.50
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 6,207.00
Survey & Design	5% of cost of works	item	5%	1	\$ 62,070.00
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 124,140.00
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 31,035.00
Contingency	20% of cost of works	item	20%	1	\$ 248,280.00
				TOTAL	\$ 1,753,477.50
				ROUNDED TOTAL	\$ 1,753,000

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Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.50	31411	\$ 78,527.50
Structure costs	2 span structure with 1500mm deep Super-T beams (all inclusive)	sq m	\$ 4,500.00	550	\$ 2,475,000.00
Bridge approach barriers	Guard fence	m	\$ 113.00	240	\$ 27,120.00
	GREAT terminals	No	\$ 5,000.00	2	\$ 10,000.00
Subtotal					\$ 2,590,647.50
Council Fees	3.25% of cost of works	item	3.25%	1	\$ 84,196.04
Vicroads Fees	1% of cost of works	item	1%	1	\$ 25,906.48
Traffic Management	5% of cost of works	item	5%	1	\$ 129,532.38
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 12,953.24
Survey & Design	5% of cost of works	item	5%	1	\$ 129,532.38
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 259,064.75
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 64,766.19
Contingency	20% of cost of works	item	20%	1	\$ 518,129.50
TOTAL					\$ 3,814,728.44
ROUNDED TOTAL					\$ 3,815,000

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BR-25.1-2

Pedestrian bridge across Merri Creek with 4m clear width

Description	Detail	Unit	Rate	Qty	Amount
Clearing & Grubbing		item	\$ 2.50	238	\$ 594.00
Structure Costs	2 span structure with 1500mm deep Super-T beams (all inclusive)	sq m	\$ 4,500.00	238	\$ 1,069,200.00
Embankment & Wingwall		item	\$ 75,000.00	1	\$ 75,000.00
				Subtotal	\$ 1,144,200.00
Authority Fees	3.25% of cost of works	item	3.25%	1	\$ 37,186.50
Environmental Management	0.5% of cost of works	item	0.5%	1	\$ 5,721.00
Survey & Design	5% of cost of works	item	5%	1	\$ 57,210.00
Supervision & Project Management	10% of cost of works	item	10%	1	\$ 114,420.00
Site Establishment	2.5% of cost of works	item	2.5%	1	\$ 28,605.00
Contingency	20% of cost of works	item	20%	1	\$ 228,840.00
				TOTAL	\$ 1,616,182.50
				ROUNDED TOTAL	\$ 1,616,000

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