

<b>V106370: Wonthaggi North East PSP - Korumburra-Wonthaggi Rd / St Clair Blvd</b>					
<b>Civil Construction</b>					
<b>Date 11-03-22</b>					
<b>Basis of Estimate</b>					
This cost estimate is based on GTA now Stantec plan V214020-01-01 P1 dated 04 February 2022 (Limit of works as highlighted)					
<b>Korumburra-Wonthaggi Rd / St Clair Blvd - Proposed Roundabout - Option 2</b>					
<b>Item</b>	<b>Description of works</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
<b>1.00 SITEWORKS AND EARTHWORKS</b>					
1.01	Site preparation	1	Item	\$ 15,000.00	\$ 15,000.00
1.02	Earthworks	2065	m <sup>3</sup>	\$ 40.00	\$ 82,600.00
1.03	Subgrade improvement	1180	m <sup>2</sup>	\$ 60.00	\$ 70,800.00
1.04	Proving existing services	1	Item	\$ 10,000.00	\$ 10,000.00
1.05	Clearing and Grubbing	7020	m <sup>2</sup>	\$ 15.00	\$ 105,300.00
<b>2.00 ROAD PAVEMENT</b>					
2.01	Asphalt Pavement	2950	m <sup>2</sup>	\$ 150.00	\$ 442,500.00
2.02	Asphalt resheet works with type V or H asphalt	1020	m <sup>2</sup>	\$ 50.00	\$ 51,000.00
<b>3.00 CONCRETE WORKS</b>					
3.01	Kerb and channel	1120	Lm	\$ 70.00	\$ 78,400.00
3.02	Concrete footpath	1250	m <sup>2</sup>	\$ 125.00	\$ 156,250.00
3.03	Concrete median works	1515	m <sup>2</sup>	\$ 130.00	\$ 196,950.00
3.04	Pram ramp works	8	Item	\$ 1,250.00	\$ 10,000.00
<b>4.00 DRAINAGE</b>					
4.01	Drainage - pipes	715	Lm	\$ 250.00	\$ 178,750.00
4.02	Drainage - pits	16	No	\$ 3,000.00	\$ 48,000.00
4.03	Drainage - Sub-soil drainage	1380	Lm	\$ 55.00	\$ 75,900.00
4.03	Drainage - Miscellaneous (Description)	8	Item	\$ 1,250.00	\$ 10,000.00
<b>5.00 TRAFFIC</b>					
5.01	Safety Barriers	1	Item	\$ 100,000.00	\$ 100,000.00
<b>6.00 LANDSCAPE</b>					
6.01	Tree removals & replacements	120	No	\$ 500.00	\$ 60,000.00
6.02	Landscaping - Batter to existing , back of kerb works, topsoil and seed area, etc.	1885	m <sup>2</sup>	\$ 80.00	\$ 150,800.00
<b>7.00 STREET LIGHTING</b>					
7.01	Street Lighting	12	No	\$ 12,800.00	\$ 153,600.00
<b>8.00 MISCELLANEOUS</b>					
8.01	Line marking	1	Item	\$ 5,000.00	\$ 5,000.00
8.02	Regulatory Signage	1	Item	\$ 4,000.00	\$ 4,000.00
8.03	Works maintenance - up to 1 year	1	Item	\$ 20,000.00	\$ 20,000.00
8.04	Landscape maintenance - 1yr/2 summers	1	Item	\$ 5,000.00	\$ 5,000.00
<b>9.00 OTHER</b>					
9.01	Telstra services relocation/ Protection works	1	Item	\$ 450,000.00	\$ 450,000.00
9.02	NBN services relocation/Protection works	1	Item	\$ 100,000.00	\$ 50,000.00
9.03	Gas services relocation/Protection works	1	Item	\$ 50,000.00	\$ 50,000.00
9.04	Water and Sewer services relocation/Protection works	1	Item	\$ 75,000.00	\$ 75,000.00
9.05	Electrical services relocation/Protection works	0	Item		\$ -
<b>SUB-TOTAL WORKS</b>					<b>\$ 2,654,850.00</b>
<b>10.00 DELIVERY</b>					
10.01	Council Fees (Council assets only)	3.25	%		\$ 86,282.63
10.02	Department of Transport Fees	1	%		\$ 26,548.50
10.03	Traffic Management	5	%		\$ 132,742.50
10.04	Environmental Management	0.5	%		\$ 13,274.25
10.05	Survey/Design	5	%		\$ 132,742.50
10.06	Supervision & Project Management	9	%		\$ 238,936.50
10.07	Site Establishment	2.5	%		\$ 66,371.25
10.08	Contingency - Overall ( Item 1.1 to 9.7)	30	%		\$ 796,455.00
<b>SUB-TOTAL DELIVERY</b>					<b>\$ 1,493,353.13</b>
<b>11 TOTAL ESTIMATED COST</b>					<b>\$ 4,148,203.13</b>
<b>Assumptions and exclusions:</b>					
1. Design and documentation fees or authority fees, charges, levies and overview including insurances and bank guarantees have been included as per VPA recommended percentages.					
2. Approximate cost of protection and/or relocation of underground services during construction is included (broad level estimate only subject to validation and confirmation)					
3. A 30% contingency has been applied to the engineer's opinion of probable costs based on the information from Concept layout and without a site inspection					
4. This engineers opinion of probable cost is based on the drawings listed above and further changes may arise following subsequent additional investigations and detailed design development.					
5. Specific construction works including rock boring, rock blasting or rock excavation and removal have been excluded as geotechnical conditions are yet to be confirmed.					
6. This estimate also excludes allowance for abnormal weather conditions.					

7. GST is excluded.

8. Land acquisition is excluded

9. Price escalation is excluded.

10. The above opinion of probable costs should be considered current to the date of the document only. GTA now Stantec cannot provide any form of assurance that the costings provided will not change due to changes in design and/or future costs of materials. The future outcome may vary, and this variation may be material. This potential for variation should be considered in any circumstances where the costings are to be used for high level budgeting purposes, even in the short term. Any party requiring detailed costing for quoting or construction purposes should seek a detailed cost estimate from a suitably qualified quantity surveyor.