

OPTION 7 COMPARISON

ITEM	Est. Alt. GHD National	1/8	VARIANCE	Ass'dCIDM Market Est.	CIDM Contribution	COMMENTS & ACTIONS
Earthworks						
clearing and grubbing	45,000	4,500	40,500	4,500	0	Accept as minimum (recognise contingency need)
removal and stockpile topsoil	97,875	52,200	45,675	97,875	45,675	
general eathworks	536,250	341,000	195,250	536,250	195,250	
rock excavation	114,375	18,750	95,625	18,750	0	Cost to be confirmed following Geotech
imported fill	554,167	175,000	379,167	300,000	125,000	Ditto. Note for this item CIDM may be able to do more cheaply.
unsuitable material	20,000	12,400	7,600	20,000	7,600	Cost to be confirmed following Geotech
replace unsuitable general fill	20,000	7,000	13,000	20,000	13,000	Ditto
preparation cut or fill subgrade	109,219	86,501	22,718	109,219	22,718	Ditto
sub total	<u>1,496,886</u>	<u>697,351</u>	<u>799,535</u>	<u>1,106,594</u>	<u>409,243</u>	
Underground Services						
backfilling under roads etc	7,500	5,000	2,500	7,500	2,500	
removal of unsuitable from trenches	13,000	5,000	8,000	13,000	8,000	
300 dia pipes	151,667	95,000	56,667	121,667	26,667	Red pipes&sumps.
450 dia pipes	39,000	24,750	14,250	39,000	14,250	
sumps / manholes	50,000	38,750	11,250	40,000	1,250	Ditto use swail drn
culvert head walls	9,000	13,000	-4,000	13,000	0	
box culvert 1.5 high x 2.1 wide	400,000	561,600	-161,600	561,600	0	Agree not to pursue alternatives
GPT	40,000	40,000	0	40,000	0	
class 1000 including filter material	102,083	90,000	12,083	102,083	12,083	
100 dia water pipe ring main	308,333	300,000	8,333	308,333	8,333	
150 dia water pipe	303,333	280,500	22,833	280,500	0	
25 dia water pipe	33,000	31,500	1,500	33,000	1,500	
works by water authority	10,000	7,000	3,000	7,000	0	Accept as minimum (recognise contingency need)
works by contractor (water)	5,000	2,500	2,500	5,000	2,500	
effluent treatment system	150,000	150,000	0	150,000	0	
telstra connections	5,000	5,000	0	5,000	0	
electricity generators	300,000	130,000	170,000	130,000	0	Agreed - reduce from 4 to 2 Gen. Use 2nd hand Gen
electricity reticulation	325,000	200,000	125,000	200,000	0	Agreed to accept, but recognise contingency need
sub total	<u>2,251,916</u>	<u>1,979,600</u>	<u>272,316</u>	<u>2,056,683</u>	<u>77,083</u>	
Flexible Pavement						
gravel pavement / carpark	117,333	105,600	11,733	117,333	11,733	
dragway	544,900	504,000	40,900	544,900	40,900	Red to 1/8m. GHD Fig now incldes burnout pavmnt. CIDM included this
sealed roads	328,725	315,000	13,725	328,725	13,725	Red sealed road by 50%.
concrete pavement	36,300	36,300	0	36,300	0	
sub total	<u>1,027,258</u>	<u>960,900</u>	<u>66,358</u>	<u>1,027,258</u>	<u>66,358</u>	

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Concrete Kerbs Footpaths and Minor Works							
mountable kerb	50,000	36,000	14,000	50,000	14,000		
100 mm thick concrete paving	7,000	11,000	-4,000	11,000	0		
sub total	<u>57,000</u>	<u>47,000</u>	10,000	<u>61,000</u>	14,000		
Road Furniture							
Concrete safety barriers	120,325	346,075	-225,750	346,075	0	red to 1/8 & figures now include addtnl \$19075 for burnout barriers	
sand trap	10,000	10,000	0	10,000	0		
catch fence	25,000	25,000	0	25,000	0		
sub total	<u>155,325</u>	<u>381,075</u>	-225,750	<u>381,075</u>	0		
Incidental Works							
motared stone pitching	11,250	14,250	-3,000	14,250	0		
chain mesh manproof fence (2m high)	85,000	187,000	-102,000	187,000	0		
bpw pedestrain barrier	22,500	92,000	-69,500	92,000	0		
heavy duty vehicle acces gates	10,000	10,500	-500	10,500	0		
230 mm rock filled wire mattress	28,000	28,000	0	28,000	0		
excavation for rock mattress	552	2,070	-1,518	2070	0		
jutemesh	10,000	10,000	0	10,000	0		
wind sock	15,000	0	15,000	0	0	Agreed Unnecessary	
sub total	<u>182,302</u>	<u>343,820</u>	-161,518	<u>343,820</u>	0		
Landscaping							
top soil spreading	217,500	48,700	30,500	145,000	96,300	Reduce lands. CIDM at cost	
non invasive dryland grass	108,750	37,150	16,750	80,000	42,850	Ditto	
bitumen and straw mulch	188,500	104,000	178,000	145,000	41,000	Ditto	
garden bed preparation & planting	0	40,400	-28,000	40,400	0		
consolidation	6,500	6,500	4,430	6,500	0		
sub total	<u>521,250</u>	<u>236,750</u>	511,250	<u>416,900</u>	180,150		
Road Signs							
road signs	<u>15,000</u>	<u>15,000</u>	0	<u>15,000</u>	0		
Line Marking							
line marking	<u>10,000</u>	<u>10,000</u>	0	<u>10,000</u>	0		

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Street Lighting							
dragway lighting	341,667	215,000	126,667	215,000	0	Del track & pit lightng. Based on MUSCO quote	
carparking lighting (competitors)	146,667	100,000	46,667	146,667	46,667	At cost	
access roads & intersections	109,677	80,000	29,677	109,677	29,677	Assume CIDM at cost	
helipad	1,000	0	1,000	0	0		
sub total	<u>599,011</u>	<u>395,000</u>	<u>204,011</u>	<u>471,344</u>	<u>76,344</u>		
Structures and Equipment							
scrutineering shed	15,000	15,000	0	15,000	0		
service emergency vehicle garage	312,500	20,000	292,500	20,000	0	Change to carport	
registration office	33,750	33,750	0	33,750	0		
maintenance vehicle garage	125,000	120,000	5,000	125,000	5,000		
amenity food buildings	37,500	37,500	0	37,500	0		
event control building	67,500	67,500	0	67,500	0		
extra over for toilets	18,177	18,177	0	18,177	0		
corporate suites	0	0	0	0	0	Delete hard stand	
toilet block	246,875	146,675	100,200	146,675	0	Del 1 toilet, Agreed to CIDM Figures Std Toilet spec	
refurbish existing house	0	0	0	0	0	del refurbishment	
bridge over assembly lanes	0	0	0	0	0	del bridge	
retaining wall bridge support	0	0	0	0	0	Del ret walls&supt (\$200,000). Prefer not to delete this	
barriers and rails	366,667	192,000	174,667	192,000	0	Agreed to adopt CIDM quantities	
PA system	82,000	82,000	0	82,000	0		
electronic timing system	410,000	252,000	158,000	252,000	0	Agreed on Timetronics quote, add'n works possibly at min	
sub total	<u>1,714,969</u>	<u>984,602</u>	<u>730,367</u>	<u>989,602</u>	<u>5,000</u>		
TOTAL	<u>8,030,917</u>	<u>6,051,098</u>	<u>1,979,819</u>	<u>6,879,276</u>	828,178		
Preliminaries	374,723	155,000	219,723	320,987		Assume at 4.666% (as per orig GHD Cost assessment)	
Unpriced items	210,812	100,000	110,812	180,581		Assume at 2.625% (ditto)	
Escalation pre-constructions	432,144	0	432,144	370,174		Assume at 5.381% (ditto) CIDM bldg escalt'n until Aug 07	
Escalation during construction	268,152	0	268,152	229,699		Assume at 3.339% (as per original GHD Cost assessment)	
Consultant and management fees*	560,879	625,000	-64,121	480,449		Assume at 6.984% (ditto)	
Subtotal	1,846,709	880,000	966,709	1,581,890			
SUB TOTAL	9,877,626	6,931,098	2,946,528	8,461,166			
10% GST	987,763	693,110	294,653	846,117			
GRAND TOTAL#	<u>10,865,389</u>	<u>7,624,208</u>	<u>3,241,181</u>	<u>9,307,282</u>			

*Note 1: Consultant and Management fees - does not include PA, but includes project design and DA

Note 2 - Grand Total does not include land costs or further mitigation measures/works arising from PA.

Other items above requiring further investigation are flagged, eg Geotech