

Cost Item Reference		
	Precinct A	Precinct B
CIW 1A	✓	✓
CIW 1B	✓	✓
CIW 1C	✓	✓
CIW 2A (West)	✗	✗
CIW 2A (East)	✗	✗
CIW 2B	✗	✗
CIW 3	✗	✗
Administration Costs	✓	✓
DCP Preparation Costs	✓	✓
Finance Cost A	✗	✓
Finance Cost B	✗	✗
Finance Cost C	✗	✗
Contribution rate per precinct (\$/m2)	\$8.33	\$8.67
<b>Total</b>		

City of Gosnells - Development Contribution Area 12	Total Area (Hectares)
<b>Gross Land Area</b>	<b>94.7762</b>
<b>Deductions</b>	
Existing Roads to be retained	2.767
Proposed Road Realignment	4.237
Wetland and Buffer	3.704
Yule Brook	6.7978
Drainage Basins	2.4964
Undevelopable Land	0.3493
<b>Total Deductions</b>	<b>20.352</b>
<b>City of Gosnells Net Contribution Area (DCA12)</b>	<b>74.4243</b>

City of Kalamunda - Development Contributions Area 2	Total Area (Hectares)
<b>Gross Land Area</b>	<b>27.276</b>
<b>Deductions</b>	
Existing Roads to be retained	1.646
Proposed Road Realignment	1.391
Wetland	0.2734
Yule Brook	0.1271
Drainage Basins	0.8816
Undevelopable Land	0.0152
<b>Total Deductions</b>	<b>4.335</b>

City of Kalamunda Net Contribution Area (DCA2)	22.941
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DCP Precincts				
Precinct C	Precinct D	Precinct E	Precinct F	Precinct G
✓	✓	✓	✓	✓
✓	✓	✓	✗	✓
✓	✓	✓	✓	✓
✓	✓	✗	✗	✗
✗	✗	✗	✗	✓
✗	✗	✗	✓	✓
✗	✗	✗	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✗	✓	✗	✓	✓
✗	✓	✗	✗	✗
✗	✗	✗	✓	✓
\$30.57	\$44.56	\$8.33	\$47.55	\$73.95

Combined Development Contribution Area	Total Area (Hectares)
<b>Gross Land Area</b>	<b>122.0522</b>
<b>Deductions</b>	
Existing Roads to be retained	4.414
Proposed Road Realignment	5.628
Wetland	3.977
Yule Brook	6.925
Drainage Basins	3.378
Undevelopable Land	0.365
<b>Total Deductions</b>	<b>24.687</b>
<b>Combined Net Contribution Area</b>	<b>97.365</b>



	Contribution Rates		
Precinct H	Estimated Cost	Net Contribution Area (m2)	Contribution Rate (\$/m2)
✓	\$2,914,996	973,653	\$2.99
✓	\$1,201,251	890,925	\$1.35
✓	\$2,337,411	973,653	\$2.40
✗	\$3,978,597	178,920	\$22.24
✓	\$2,790,758	111,399	\$25.05
✗	\$2,439,138	100,868	\$24.18
✓	\$2,175,628	194,127	\$11.21
✓	\$1,330,000	973,653	\$1.37
✓	\$214,500	973,653	\$0.22
✓	\$164,087	485,780	\$0.34
✗	\$1,324,041	96,953	\$13.66
✓	\$940,888	194,127	\$4.85
\$49.77			
	<b>\$21,811,294</b>		

Lot Details						Net Contribution Area											
Lot	Street	Local Government	Precinct Reference	Indicative Development Stage Number	Total Site Area	Development Contribution Area	Deduction - Road Realignments / Creation	Deduction - Wetland	Deduction - Wetland Buffer	Deduction - Yule Brook and Floodplain	Deduction - Drainage Basin	Deduction - Undevelopable Land	Net Contribution Area (Hectares)	Net Contribution Area (m2)	CIW 1A	CIW 1B	CIW 1C
2	Edward Street	Gosnells	A	1	2.429	2.429	0	0	0	0	0	0	2.429	24,290	\$2.99	\$1.35	\$2.40
4	Edward Street	Gosnells	A	1	1.5117	1.5117	0.2159	0	0	0	0	0	1.2958	12,958	\$2.99	\$1.35	\$2.40
5	Edward Street	Gosnells	A	1	1.5052	1.5052	0.2157	0	0	0	0	0	1.2895	12,895	\$2.99	\$1.35	\$2.40
408	Edward Street	Gosnells	A	1	1.4172	1.4172	0	0	0	0	0	0	1.4172	14,172	\$2.99	\$1.35	\$2.40
410	Edward Street	Gosnells	A	1	2.5815	2.5815	0	0	0	0	0.4602	0	2.1213	21,213	\$2.99	\$1.35	\$2.40
402	Edward Street	Gosnells	A	1	1.7384	1.7384	0.0518	0	0	0	0	0	1.6866	16,866	\$2.99	\$1.35	\$2.40
404	Edward Street	Gosnells	A	1	2.1083	2.1083	0	0	0	0	0	0	2.1083	21,083	\$2.99	\$1.35	\$2.40
40	Edward Street	Gosnells	A	1	2.0399	2.0399	0	0	0	0	0	0	2.0399	20,399	\$2.99	\$1.35	\$2.40
406	Edward Street	Gosnells	A	1	1.0077	1.0077	0	0	0	0	0	0	1.0077	10,077	\$2.99	\$1.35	\$2.40
412	Edward Street	Gosnells	A	1	2.0362	2.0362	0	0	0	0	0	0	0	-	\$2.99	\$1.35	\$2.40
13	Grove Road	Gosnells	A	1	1.5982	1.5982	0	0	0	0	0	0	1.5982	15,982	\$2.99	\$1.35	\$2.40
102	Grove Road	Gosnells	A	1	1.0119	1.0119	0	0	0	0	0	0	1.0119	10,119	\$2.99	\$1.35	\$2.40
200	Grove Road	Gosnells	A	1	4.2915	4.2915	0.1083	0	0	0	0	0	4.1832	41,832	\$2.99	\$1.35	\$2.40
301	Grove Road	Gosnells	A	1	2.2914	2.2914	0.4561	0	0	0	0	0	1.8353	18,353	\$2.99	\$1.35	\$2.40
302	Grove Road	Gosnells	A	1	2.0014	2.0014	0.5322	0	0	0	0	0	1.4692	14,692	\$2.99	\$1.35	\$2.40
500	Grove Road	Gosnells	A	1	4.6785	4.6785	0.9472	0	0	0	0	0	3.7313	37,313	\$2.99	\$1.35	\$2.40
501	Grove Road	Gosnells	A	1	4.4904	4.4904	0.319	0	0	0	0	0	4.1714	41,714	\$2.99	\$1.35	\$2.40
Part 501	Edward Street	Gosnells	A	1	0.8135	0.8135	0.2023	0	0	0	0	0	0.6112	6,112	\$2.99	\$1.35	\$2.40
Part 2	Grove Road	Gosnells	A	1	1.1869	1.1869	0.0607	0	0	0	0	0	1.1262	11,262	\$2.99	\$1.35	\$2.40
	Edward Road Closure	Gosnells	A	1	0.7067	0.7067	0	0	0	0	0	0	0.7067	7,067	\$2.99	\$1.35	\$2.40
	Grove Road Closure	Gosnells	A	1	1.2224	1.2224	0	0	0	0	0	0	1.2224	12,224	\$2.99	\$1.35	\$2.40
	<b>Precinct A Sub-Total</b>				<b>42.6679</b>	<b>42.6679</b>	<b>3.1092</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2.4964</b>	<b>0</b>	<b>37.0623</b>	<b>370623</b>			
414	Grove Road	Gosnells	B	2	15.4341	15.4341	0.0146	0.3745	3.3295	0.6879	0.1491	0	10.8785	108,785	\$2.99	\$1.35	\$2.40
14	Edward Street	Gosnells	B	2	4.4977	4.4977	0.01	0	0	0	0	0	4.4877	44,877	\$2.99	\$1.35	\$2.40
	Edward Road Closure	Gosnells	B	2	0.1478	0.1478	0	0	0	0	0	0	0.1478	1,478	\$2.99	\$1.35	\$2.40
75	Grove Road	Gosnells	B	6	3.6904	3.6904	0	0	0	0	0	0	3.6904	36,904	\$2.99	\$1.35	\$2.40
	Coldwell Road realignment	Gosnells	B	6	0.2656	0.2656	0	0	0	0	0	0	0.2656	2,656	\$2.99	\$1.35	\$2.40
	<b>Precinct B Sub-Total</b>		<b>B</b>		<b>24.0356</b>	<b>24.0356</b>	<b>0.0246</b>	<b>0.3745</b>	<b>3.3295</b>	<b>0.6879</b>	<b>0</b>	<b>0.1491</b>	<b>19.47</b>	<b>194,700</b>			
7	Coldwell Road	Gosnells	C	1	1.2809	1.2809	0.0696	0	0	0	0	0	1.2113	12,113	\$2.99	\$1.35	\$2.40
8	Coldwell Road	Gosnells	C	1	1.2808	1.2808	0.0697	0	0	0	0	0	1.2111	12,111	\$2.99	\$1.35	\$2.40
9	Coldwell Road	Gosnells	C	1	1.281	1.281	0.0697	0	0	0	0	0	1.2113	12,113	\$2.99	\$1.35	\$2.40
10	Coldwell Road	Gosnells	C	1	1.2808	1.2808	0.4342	0	0	0	0	0	0.8466	8,466	\$2.99	\$1.35	\$2.40
11	Coldwell Road	Gosnells	C	1	1.281	1.281	0.0697	0	0	0	0	0	1.2113	12,113	\$2.99	\$1.35	\$2.40
12	Coldwell Road	Gosnells	C	1	1.281	1.281	0.0699	0	0	0	0	0	1.2111	12,111	\$2.99	\$1.35	\$2.40
14	Grove Road	Gosnells	C	1	1.6345	1.6345	0.3204	0	0	0	0	0.0201	1.294	12,940	\$2.99	\$1.35	\$2.40
	<b>Precinct C Sub-Total</b>		<b>C</b>		<b>9.32</b>	<b>9.32</b>	<b>1.1032</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0201</b>	<b>8.1967</b>	<b>81967</b>			
67	Coldwell Road	Gosnells	D	6	3.9641	3.9641	0	0	1.486	0	0	0	2.4781	24,781	\$2.99	\$1.35	\$2.40
68	Coldwell Road	Gosnells	D	6	3.9866	3.9866	0	0	0	2.0998	0.1264	0	1.7604	17,604	\$2.99	\$1.35	\$2.40
71	Coldwell Road	Gosnells	D	6	4.0067	4.0067	0	0	0	1.9183	0.0537	0	2.0347	20,347	\$2.99	\$1.35	\$2.40
72	Coldwell Road	Gosnells	D	6	4.0279	4.0279	0	0	0.6058	0	0	0	3.4221	34,221	\$2.99	\$1.35	\$2.40
	<b>Precinct D Sub-Total</b>		<b>D</b>		<b>15.9853</b>	<b>15.9853</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6.1099</b>	<b>0</b>	<b>0.1801</b>	<b>9.6953</b>	<b>96,953</b>			
6	Courtney Place	Kalamunda	E	1	1.0212	1.0212	0.3268	0	0	0	0	0	0.6944	6,944	\$2.99	\$1.35	\$2.40
7	Courtney Place	Kalamunda	E	1	1.0923	1.0923	0.1795	0	0	0	0	0	0.9128	9,128	\$2.99	\$1.35	\$2.40
8	Courtney Place	Kalamunda	E	1	1.0034	1.0034	0.2141	0	0	0	0	0	0.7893	7,893	\$2.99	\$1.35	\$2.40
9	Courtney Place	Kalamunda	E	1	1.0037	1.0037	0.0013	0	0	0	0	0	1.0024	10,024	\$2.99	\$1.35	\$2.40
	Courtney Place / PAW Closure	Kalamunda	E	1	0.1294	0.1294	0	0	0	0	0	0	0.1294	1,294	\$2.99	\$1.35	\$2.40
	<b>Precinct E Sub-Total</b>		<b>E</b>		<b>4.25</b>	<b>4.25</b>	<b>0.7217</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3.5283</b>	<b>35283</b>			
5	Courtney Place	Kalamunda	F	3	1.0237	1.0237	0.0077	0	0	0	0	0	1.016	10,160	\$2.99	\$0.00	\$2.40
4	Courtney Place	Kalamunda	F	3	1.2438	1.2438	0.0128	0	0	0	0	0	1.231	12,310	\$2.99	\$0.00	\$2.40
10	Courtney Place	Kalamunda	F	3	1.0019	1.0019	0.0072	0	0	0	0	0	0.9947	9,947	\$2.99	\$0.00	\$2.40
11	Courtney Place	Kalamunda	F	3	1.0003	1.0003	0.0062	0	0	0	0	0	0.9941	9,941	\$2.99	\$0.00	\$2.40
12	Courtney Place	Kalamunda	F	3	1.0061	1.0061	0.0056	0	0	0	0	0	1.0005	10,005	\$2.99	\$0.00	\$2.40
13	Courtney Place	Kalamunda	F	3	1.0258	1.0258	0.0025	0	0	0	0	0	1.0233	10,233	\$2.99	\$0.00	\$2.40
14	Courtney Place	Kalamunda	F	2	1.0059	1.0059	0.0088	0	0	0	0	0	0.9971	9,971	\$2.99	\$0.00	\$2.40
18	Courtney Place	Kalamunda	F	2	1.0166	1.0166	0.0005	0	0	0	0	0	1.0161	10,161	\$2.99	\$0.00	\$2.40
	<b>Precinct F Sub-Total</b>		<b>F</b>		<b>8.3241</b>	<b>8.3241</b>	<b>0.0513</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8.2728</b>	<b>82728</b>			
15	Coldwell Road	Kalamunda	G	2	1.0005	1.0005	0.1192	0	0	0	0	0	0.8813	8,813	\$2.99	\$1.35	\$2.40
23	Coldwell Road	Kalamunda	G	4	1.0012	1.0012	0.0685	0	0	0	0	0	0.9327	9,327	\$2.99	\$1.35	\$2.40
	<b>Precinct G Sub-Total</b>		<b>G</b>		<b>2.0017</b>	<b>2.0017</b>	<b>0.1877</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1.814</b>	<b>18140</b>			
16	Coldwell Road	Kalamunda	H	2	1.0057	1.0057	0.093	0	0	0	0	0	0.9127	9,127	\$2.99	\$1.35	\$2.40
17	Coldwell Road	Kalamunda	H	2	1.0025	1.0025	0.2332	0	0	0.0152	0	0	0.7541	7,541	\$2.99	\$1.35	\$2.40
21	Coldwell Road	Kalamunda	H	4	1.0034	1.0034	0.0522	0	0	0	0	0	0.9512	9,512	\$2.99	\$1.35	\$2.40
22	Coldwell Road	Kalamunda	H	4	1.0034	1.0034	0.0522	0	0	0	0	0	0.9512	9,512	\$2.99	\$1.35	\$2.40
82	Coldwell Road	Kalamunda	H	5	1.4212	1.4212	0	0	0.0383	0	0	0	1.3829	13,829	\$2.99	\$1.35	\$2.40
83	Coldwell Road	Kalamunda	H	5	1.0091	1.0091	0	0	0	0	0	0	1.0091	10,091	\$2.99	\$1.35	\$2.40
84	Coldwell Road	Kalamunda	H	5	1.0058	1.0058	0	0	0	0	0	0	1.0058	10,058	\$2.99	\$1.35	\$2.40
85	Coldwell Road	Kalamunda	H	5	1.0096	1.0096	0	0	0	0.0032	0	0	1.0064	10,064	\$2.99	\$1.35	\$2.40
86	Coldwell Road	Kalamunda	H	5	1.0061	1.0061	0	0.1191	0.0139	0	0	0	0.8731	8,731	\$2.99	\$1.35	\$2.40
87	Coldwell Road	Kalamunda	H	5	1.4224	1.4224	0	0	0.1543	0.0717	0.8816	0	0.3148	3,148	\$2.99	\$1.35	\$2.40
	Coldwell Road intersection realignment	Kalamunda	H	5	0.1646	0.1646	0	0	0	0	0	0	0.1646	1,646	\$2.99	\$1.35	\$2.40
	<b>Precinct H Sub-Total</b>		<b>H</b>		<b>11.0538</b>	<b>11.0538</b>	<b>0.4306</b>	<b>0</b>	<b>0.2734</b>	<b>0.1271</b>	<b>0.8816</b>	<b>0.0152</b>	<b>9.3259</b>	<b>93259</b>			
	Edward Road to be retained	Gosnells	NA		0.0514	0.0514							0	-	-	-	-
	Grove Road to be retained	Gosnells	NA		1.4539	1.4539							0	-	-	-	-
	Coldwell to be retained	Gosnells	NA		1.2621	1.2621							0	-	-	-	-
	Coldwell to be retained	Kalamunda	NA		0.8833	0.8833							0	-	-	-	-
	Courtney Place to be retained	Kalamunda	NA		0.7631	0.7631							0	-	-	-	-
	<b>Existing Roads Being Retained</b>				<b>4.4138</b>	<b>4.4138</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total</b>					<b>122.0522</b>	<b>122.0522</b>	<b>5.6283</b>	<b>0.3745</b>	<b>3.6029</b>	<b>6.9249</b>	<b>3.378</b>	<b>0.3645</b>	<b>97.3653</b>	<b>973653</b>	<b>0</b>	<b>0</b>	<b>0</b>

Local Government Area																	
Development Area - City of Gosnells						92.0088	4.237	0.3745	3.3295	6.7978	2.4964						

Item CIW 1A	Modification to existing signalised Hale Road / Welshpool Road intersection, Left In and Left out movement to/from MKSEA Precinct		
Description	Quantity	Unit	Rate
Land Acquisition			
Preliminaries			
Earthworks			
Roadworks			
Stormwater Drainage			
Underground Power			
Traffic Signals			
MRWA Street Lighting			
Engineering Fees			
Authority Fees			
Contingency	10%	%	
Consultant and PM Fees	23.90%	%	
<b>Total</b>			

Precinct	Precinct Included in Contribution Area for CIW	Contribution Area
Precinct A	Yes	370,623
Precinct B	Yes	194,700
Precinct C	Yes	81,967
Precinct D	Yes	96,953
Precinct E	Yes	35283
Precinct F	Yes	82728
Precinct G	Yes	18140
Precinct H	Yes	93259
<b>Total</b>		<b>973,653</b>

Contribution Rate	
CIW Cost (\$)	\$2,914,996
Net Contribution Area (m2)	973,653
Contribution Rate (\$/m2)	\$2.9938755



















<b>tion to incorporate a Right In ecinct 3.</b>	
<b>Amount</b>	
	\$362,518.36
	\$239,300.28
	\$843,929.06
	\$268,596.50
	\$61,566.00
	\$208,444.50
	\$167,640.00
	\$0.00
\$	25,000.00
\$	217,699.47
	\$520,301.73
	<b>\$2,914,995.90</b>

<b>DESCRIPTION</b>	
<b>PRELIMINARIES &amp; SITEWORKS</b>	
Site Establishment	
a) Mobilisation to site	
b) Temporary Site Compound	
Contract Management & Supervision	
a) Project Engineer	
b) Site Supervisor	
c) Safety, Environmental and Quality Management	
Survey for Construction	
General Conditions and Insurances	
Prepare, obtain MRWA approval and	
a) Safety Management Plan	
b) Dust, Noise & Vibration Management Plan	
c) Traffic Management Plan	
d) Quality Plan	
e) Environmental Management Plan	
services.	
Liaison with City of Kalamunda, Water	
Obtain approval to undertake the works from	
Implement, maintain and remove all Traffic,	
Western Power Recipient in charge	
Dust control during construction, including	
Stabilisation of all earthworked areas, excl POS	
a) Hydromulch - no seed, no dye	



Final cleanup and grading of all areas (excluding pavement)	
Engagement of Geotechnical Engineer to verify	
BCITF Levy	
As constructed survey and drawings by Surveyor	
Submit Quality Control documentation (to meet the requirements of MRWA specification 201) progressively through the contract and as a complete bound document prior to Practical Completion.	
<b>TOTAL PRELIMINARIES &amp; SITEWORKS</b>	
<b>CLEARING &amp; EARTHWORKS</b>	
Remove all rubbish and deleterious material off site and dispose at tip site	
Transplant existing trees under guidance of	
a) 8 trees on Hale Road	
b) 3 trees on Welshpool Road	
c) water all transplants daily for contract duration	
Clear, trim branches that are overhanging the new kerb on WRE left slip lane into Grove Road, mulch and stockpile mulched material on site for use on batters	
Allowance to mark, fence and protect existing trees to be retained	
Strip and stockpile topsoil	
Respread topsoil to depth of 100mm	
Verge treatment works (refer Drawing RH-01-	
a) Verge Treatment 1	
b) Verge Treatment 2	
c) Respread 80mm thick mulch (mulch supplied by Principal and as generated from the Works) as part of Batter treatment works	
Bulk Earthworks	

a) Cut to fill within earthworks boundary	
b) Import, place and compact clean fill (bank m3)	
c) Proof compaction of existing natural surface in accordance with the Specification	
d) Over-excavate clay and backfill with compacted clean sand to allow for 700mm clearance below road pavement on Grove Road. Excavated clay to be stockpiled on site south of WRE ( <b>Provisional Quantity</b> - compacted m3)	
Compaction and materials testing for	
<b>TOTAL CLEARING &amp; EARTHWORKS</b>	
<b>ROADWORKS</b>	
Remove and dispose of existing pavement. Contractor to ensure minimum removal of existing pavement.	
Sawcut existing pavement as shown on drawings.	
Remove and dispose of existing kerb	
Box out for new pavements and dispose all box out material off site.	
Remove and dispose of existing path	
Subgrade preparation, trim and compact for roads	
<b>Supply and Install Pavement Type 1 (Granular)</b>	
a) 110mm compacted thickness limestone subbase course for roads	
b) 170mm compacted thickness basecourse	
c) Primer Seal	
d) 40mm thick black asphaltic concrete wearing	
<b>Supply and Install Pavement Type 2 (Full Depth)</b>	
a) 150mm compacted thickness limestone subbase course for roads	
b) 60mm thick black asphaltic intermediate	
c) 60mm thick black asphaltic intermediate asphalt course (20mm DGA A15E PMB)	
d) 50mm thick black asphaltic intermediate	

e) Spray Seal - refer Specification 510.	
f) 40mm thick black asphaltic wearing course	
<b>Supply and Install Pavement Type 3 (Full Depth)</b>	
a) 150mm compacted thickness limestone subbase course for roads	
b) 80mm thick black asphaltic intermediate asphalt course (20mm DGA Class 600 Bitumen)	
c) 60mm thick black asphaltic intermediate asphalt course (20mm DGA A15E PMB)	
d) 50mm thick black asphaltic intermediate	
e) Spray Seal - refer Specification 510.	
f) 40mm thick black asphaltic wearing course	
<b>Supply and Install Pavement Type 4 (Full Depth)</b>	
a) 150mm compacted thickness limestone subbase course for roads	
b) 100mm thick black asphaltic intermediate asphalt course (20mm DGA Class 600 Bitumen)	
c) 60mm thick black asphaltic intermediate asphalt course (20mm DGA A15E PMB)	
d) 50mm thick black asphaltic intermediate	
e) Spray Seal - refer Specification 510.	
f) 40mm thick black asphaltic wearing course	
<b>Supply and Install Pavement Type 5 (Granular)</b>	
a) 120mm compacted thickness limestone subbase course for roads	
b) 180mm compacted thickness basecourse	
c) Primer Seal	
d) 40mm thick black asphaltic concrete wearing	
<b>Extra over for 40mm thick red asphaltic wearing</b>	
<b>a) to bus bays and HV swept paths</b>	
<b>b) to medians</b>	
<b>Remove existing asphalt 40 thick on WRE westbound (west of Grove) and apply new 40 thick 14mm DGA A15E PMB wearing course continuous with widening wearing course.</b>	
<b>Make good all damage to existing kerbs and pavements and wearing courses during the Contract period.</b>	
Supply and lay brick paving, including pavelok and all preparation and bedding in accordance with the specification	

a) Boral 80mm Interpave - Antique Blend, TRAFFICABLE	
Medians Works as shown on the drawings	
a) Install 100mm thick concrete to medians as	
b) Backfill medians with clean sand	
c) Remove and dispose of existing median stone pitching as shown on drawings.	
d) Replace existing median treatments	
Standard concrete kerbing to the detail shown on the Drawings	
a) Semi-mountable (SMK)	
b) Mountable (MK)	
b) Barrier kerbing adjacent bus stop (BK) (refer drawing 201848-3934)	
Under road irrigation ducts (bored) 150 dia x	
Concrete footpaths and dual use paths	
a) 2.5m wide dual use path (DUP)	
b) replace existing paths damaged by the Works	
Pram Ramps	
Tactiles (excl bus stop)	
a) Tactiles in road pavement	
b) Tactiles in pram ramps	
Install 'W' Beam Guardrail	
a) 'W' Beam Guardrail	
b) ET2000 Terminal	
c) Trailing Terminal	
d) Other	
Bus Stand Works (refer drawing 201848-3934)	
a) Hardstand (150mm thick concrete - minimum strength 32 Mpa)	
b) Relocate existing Shelter & bench	
c) Tactiles	
d) Bus stop sign	
e) Disabled hardstand marking	
Tie in to existing roads	
Coordinate the installation of permanent traffic	
Materials and compaction testing	

deemed necessary for the construction of	
<b>TOTAL ROADWORKS</b>	
<b>STORMWATER DRAINAGE</b>	
Remove and dispose of existing drainage pipes and make good existing pavement/verge	
Remove and dispose of existing drainage pits	
Remove existing headwalls	
Connection to existing drainage pipes	
Backfill existing swales	
Excavation of stormwater pipe trenches in all	
a) 0-2m deep	
b) 2-3m deep	
c) Extra-over for sand bedding and surround - sand material sourced off site	
d) Remove surplus trench material replaced by	
e) Remove surplus trench material replaced by sand bedding and stockpile at location nominated by the Superintendent 500m - 1000m from excavation	
f) Remove and dispose surplus trench material off site	
g) extra over when working in close proximity,	
Dewatering of trenches in all classes of material.	
a) 0.0 - 2.0m	
b) 2.0 - 3.0m	
Supply and installation of pipework class 4 at all	
a) 300mm dia pipe	
b) 375mm dia pipe	
c) 450mm dia pipe	
d) 525mm dia pipe	
Supply and install Box Culvert (B2 Exposure) including precast base slab at all depths, bedding (150mm thick blue metal), laying, jointing, joint sealing and backfill.	
a) 1200mm x 600mm	

Supply and construct precast concrete manholes for up to 450mm dia pipes (1050mm dia liner)	
a) concrete base	
b) concrete liner	
c) standard covers	
d) heavy duty gatic covers	
Supply and construct precast concrete manholes for 1200mm x 600mm box culvert (1800mm dia liner)	
a) concrete base	
b) concrete liner	
c) standard covers	
d) heavy duty gatic covers	
Supply and construct side entry pits (1050mm liner)	
a) Concrete base	
b) Walls	
c) Standard cover	
Supply and Gully Pits (1050mm liner)	
a) Concrete base	
b) Walls	
c) Standard cover	
Supply and construct headwalls	
a) Headwall to 300mm drainage pipe	
b) Headwall to box culvert	
Trim and shape open drains as detailed on the	
Additional Stormwater Drainage as required by	
deemed necessary for the construction of	
<b>TOTAL STORMWATER DRAINAGE</b>	
<b>UNDERGROUND POWER INCL LV AND HALE ROAD STREET LIGHTS (refer Drawing UPB6174-01P2)</b>	
16mm xlpe street light CN41	2271
25mm xlpe LV CN42	
Cable protector-plastic slab 2m CN54	84

CN64	3
CN73_LV10/16 - end caps SL	50
CN73_LVMains	4
Standard pole 6.5m DM5_Heritage Red	
LU2	
HU54	
HU55	2
HU66	2
HU68	2
HU14	1
Mini Pillar LU10	
Mini Pillar 2x25mm connection LU10_2TERM	
Mini Pillar Working End LU10_W/END	
TEE joint 25/240 LU5	
Luminaire adaptor SL18_BOURKE	
Elbow 22kv / 200 Amp non break load	
LU14_240	2
SL11 12.5m Steel Standard Galv Pole	20
Single outreach steel standard 12.5m_250w HPS	
HPS	
to MRWA and Western Power requirements and	
a) 50mm electrical duct	
b) 150mm electrical duct	160
Transportation of cables and materials to site	1
Cable Testing	
a) Testing LV cable	1
Liaison with Western Power for QA testing	1
Electrical Consultant Supervision, QA and Provision of Ascon Drawings as required by Western Power ( <b>PROVISIONAL SUM</b> )	1
<b>TOTAL UNDERGROUDN POWER</b>	
<b>TRAFFIC SIGNALS (refer Drawing 61-36956-</b>	
Supply, install and commission new signals complete with bored ducting	
a) Tenderer to provide detailed schedule of	
<b>TOTAL TRAFFIC SIGNALS</b>	

MRWA STREET LIGHTING (refer Drawing 61-36956-C002 to C006 inclusive)	
Supply, install and commission new signals	
<i>a) Tenderer to provide detailed schedule of works</i>	
<b>TOTAL STREET LIGHTING</b>	
Total exc. GST	



QTY	UNIT	RATE	AMOUNT
1	Item	\$9,898.59	\$9,898.59
1	item	\$21,639.68	\$21,639.68
18	Weeks	\$2,337.02	\$42,066.36
18	Weeks	\$3,432.02	\$61,776.36
1	Inc.		
18	Weeks	\$2,227.22	\$40,089.96
Inc	item		
Inc	item		
Inc	item		
1	item	\$5,497.91	\$5,497.91
Inc	item		
Inc	item		
1	Item	\$13,749.79	\$13,749.79
1	Item	\$12,099.70	\$12,099.70
NA	item		
18	Weeks	\$5,571.87	\$100,293.66
<b>10</b>	<b>hours</b>	<b>\$120.91</b>	<b>\$1,209.10</b>
18	weeks	\$1,232.59	\$22,186.54
3,500	m2	\$0.71	\$2,485.00

1	Item	\$12,621.09	\$12,621.09
1	item	\$6,597.02	\$6,597.02
1	Item	\$6,597.02	\$6,597.02
1	Item	\$3,710.58	\$3,710.58
Inc	Item		
			\$362,518.36
1	item	\$8,597.39	\$8,597.39
8	No	\$1,583.76	\$12,670.08
3	No	\$2,638.93	\$7,916.78
18	weeks	\$294.91	\$5,308.38
1	item	\$7,258.96	\$7,258.96
1	Item	\$1,538.82	\$1,538.82
9,526	m2	\$1.15	\$10,954.90
<b>3,500</b>	m2	\$2.01	\$7,035.00
2,455	m2	\$3.52	\$8,641.60
2,105	m2	\$8.25	\$17,366.25
3,500	m2	\$2.64	\$9,240.00

730	m3	\$9.62	\$7,022.60
3,480	m3	\$25.12	\$87,417.60
9,562	m2	\$0.70	\$6,693.40
<b>1,000</b>	<b>m3</b>	<b>\$34.71</b>	\$34,710.00
1	Item	\$6,928.52	\$6,928.52
			<b>\$239,300.28</b>
438	m2	\$12.97	\$5,680.86
533	m	\$6.05	\$3,224.65
1,173	m	\$21.66	\$25,407.18
1,005	m3	\$12.68	\$12,743.40
497	m2	\$26.70	\$13,269.90
7,050	m2	\$4.98	\$35,109.00
1,027	m2	\$13.56	\$13,926.12
1,027	m2	\$14.93	\$15,333.11
1,027	m2	\$6.50	\$6,675.50
895	m2	\$23.45	\$20,987.75
1,009	m2	\$14.65	\$14,781.85
1,009	m2	\$29.66	\$29,926.94
1,009	m2	\$33.06	\$33,357.54
1,009	m2	\$27.88	\$28,130.92

1,009	m2	\$10.53	\$10,624.77
900	m2	\$21.94	\$19,746.00
730	m2	\$13.59	\$9,920.70
730	m2	\$30.81	\$22,491.30
730	m2	\$34.31	\$25,046.30
730	m2	\$28.42	\$20,746.60
730	m2	\$10.82	\$7,898.60
590	m2	\$26.33	\$15,534.70
575	m2	\$14.84	\$8,533.00
575	m2	\$51.11	\$29,388.25
575	m2	\$36.77	\$21,142.75
575	m2	\$29.93	\$17,209.75
575	m2	\$10.52	\$6,049.00
525	m2	\$18.73	\$9,833.25
3,680	m2	\$7.84	\$28,851.20
3,680	m2	\$12.12	\$44,601.60
3,680	m2	\$3.90	\$14,352.00
3,163	m2	\$18.18	\$57,503.34
429	m2	\$13.74	\$5,894.46
465	m2	\$13.74	\$6,389.10
120	m2	\$27.49	\$3,298.80
Inc	Item		

216	m2	\$67.30	\$14,536.80
428	m2	\$42.65	\$18,254.20
65	m2	\$24.73	\$1,607.45
643	m2	\$9.42	\$6,060.00
Inc	item		
1,408	m	\$20.79	\$29,272.32
260	m	\$18.97	\$4,932.20
18	m	\$20.77	\$373.86
20	m	\$218.00	\$4,360.00
797	m2	\$43.08	\$34,334.76
Inc	item		
7	No.	\$622.36	\$4,356.52
156	No.	\$39.58	\$6,174.48
60	No.	\$39.57	\$2,374.20
220	m	\$104.50	\$22,990.00
2	No.	\$4,124.37	\$8,248.74
2	No.	\$934.27	\$1,868.54
	item		\$0.00
56	m2	\$65.86	\$3,688.16
1	item	\$549.57	\$549.57
20	No.	\$49.46	\$989.20
2	No.	\$219.83	\$439.66
2	item	\$1,099.13	\$2,198.26
Inc	No		
inc	item		
1	item	\$32,709.95	\$32,709.95

	Item		
			<b>\$843,929.06</b>
83	m	\$84.15	\$6,984.45
9	No.	\$2,756.16	\$24,805.44
3	No.	\$762.78	\$2,288.34
4	No.	\$510.00	\$2,040.00
1	item	\$21,843.52	\$21,843.52
376	m	\$53.30	\$20,040.80
	m		\$0.00
75	m3	\$35.42	\$2,656.50
75	m3	\$22.84	\$1,713.00
75	m3	\$27.40	\$2,055.00
75	m3	\$41.46	\$3,109.50
1	EXC.		\$0.00
1	EXC.	\$42.03	
1	EXC.		\$0.00
270	m	\$93.48	\$25,239.60
	m		\$0.00
	m		\$0.00
	m		\$0.00
108	m	\$743.80	\$80,330.40

4	No.	\$326.37	\$1,305.48
4	No.	\$676.05	\$2,704.20
4	No.	\$1,147.79	\$4,591.16
	No.		\$0.00
3	No.	\$557.71	\$1,673.13
3	No.	\$2,198.73	\$6,596.19
3	No.	\$1,552.44	\$4,657.32
	No.		\$0.00
13	No.	\$326.49	\$4,244.37
13	No.	\$676.32	\$8,792.16
14	No.	\$1,151.27	\$16,117.78
2	No.	\$326.49	\$652.98
2	No.	\$676.32	\$1,352.64
2	No.	\$1,401.27	\$2,802.54
	No.		\$0.00
	No.		\$0.00
	m2		\$0.00
<b>1</b>	<b>item</b>	<b>\$20,000.00</b>	<b>\$20,000.00</b>
1	Inc.		
			<b>\$268,596.50</b>
370	m	31.82	\$11,773.40
73	m	23.42	\$1,709.66
12	each	16.24	\$194.88

1	each	60.49	\$60.49
12	each	5.82	\$69.84
4	each	4.17	\$16.68
	each		\$0.00
	each		\$0.00
	each		\$0.00
	each		\$0.00
	each		\$0.00
	each		\$0.00
	each		\$0.00
1	each	871.72	\$871.72
	each		\$0.00
	each		\$0.00
	each		\$0.00
	each		\$0.00
	each		\$0.00
	each		\$0.00
5	each	2232.83	\$11,164.15
1	each	2755.43	\$2,755.43
160	m	98.86	\$15,817.60
	m		\$0.00
1	Item	329.79	\$329.79
1	Item	1055.19	\$1,055.19
1	Item	747.43	\$747.43
	Item	\$15,000.00	\$15,000.00
			\$61,566.26
1	item	208444.5	\$208,444.50
			\$208,444.50



1	item	167640	\$167,640.00
			<b>\$167,640.00</b>
			\$2,151,994.96

Item 3	Realignment of Coldwell Road / Grove Road intersection to p inclusive of any required land acquisition.		
Description	Quantity	Unit	Rate
Land Acquisition	1875	m <sup>2</sup>	\$180.00
Remove existing pavement	2250	m <sup>2</sup>	\$20.00
Remove existing kerb	175	m	\$10.00
Subgrade prep - remove clay and place and compact fill	1000	m <sup>3</sup>	\$58.00
New pavement (higher spec)	2000	m <sup>2</sup>	\$60.00
New kerb	300	m	\$50.00
Tie pavement in with existing	1	Item	\$30,000.00
Linemarking	1	Item	\$15,000.00
Traffic Management	1	Item	\$50,000.00
Underground Power	100	Item	\$200.00
New power connections to existing lots	2	Item	\$10,000.00
Allowance to relocate existing services	1	Item	\$75,000.00
Fill to raise road to tie into existing levels	500	m <sup>3</sup>	\$28.00
Piped drainage	200	m	\$200.00
Basin and outfall	1	Item	\$20,000.00
Authority Fees	1	%	\$17,500.00
Contingency	20%	%	
Consultant and Project Management Fees	16.7%	%	
<b>Total</b>			

Precinct	Precinct Included in Contribution Area for CIW	Contribution Area
Precinct A	Yes	370,623
Precinct B	Yes	194,700
Precinct C	Yes	81,967
Precinct D	Yes	96,953
Precinct E	Yes	35,283
Precinct F	No	-
Precinct G	Yes	18,140
Precinct H	Yes	93,259
<b>Total</b>		<b>890,925</b>

Contribution Rate	
CIW Cost (\$)	\$1,201,251
Net Contribution Area (m <sup>2</sup> )	890,925
Contribution Rate (\$/m <sup>2</sup> )	\$1.3483192

provide right angle,
Amount
\$337,500.00
\$45,000.00
\$1,750.00
\$58,000.00
\$120,000.00
\$15,000.00
\$30,000.00
\$15,000.00
\$50,000.00
\$20,000.00
\$20,000.00
\$75,000.00
\$14,000.00
\$40,000.00
\$20,000.00
\$17,500.00
\$175,750.00
\$146,751.25
<b>\$1,201,251.25</b>

Item CIW 1C	Upgrade of Coldwell Road / Welshpool Road East Intersection to sign inclusive of any required land acquisition.		
Description	Quantity	Unit	Rate
Land Acquisition	2456	m <sup>2</sup>	\$180.00
Remove existing pavement	150	m <sup>2</sup>	\$150.00
remove existing kerb	150	m <sup>2</sup>	\$10.00
new pavement (higher spec)	1150	m	\$400.00
New kerb	890	m	\$25.00
Remove existing median	500	m <sup>2</sup>	\$20.00
New median	485	m <sup>2</sup>	\$80.00
Traffic lights	1	Item	\$150,000.00
Tie pavement in with existing	1	Item	\$30,000.00
Linemarking	1	Item	\$40,000.00
Traffic Management	1	Item	\$150,000.00
Allowance to relocate existing services	1	Item	\$200,000.00
Fill to raise road to tie into existing levels	1150	Item	\$28.00
Authority Fees	1		\$25,000.00
Contingency	20%	%	
Consultant and Project Management Fees	23.90%	%	
<b>Total</b>			

Precinct	Precinct Included in Contribution Area for CIW	Contribution Area
Precinct A	Yes	370,623
Precinct B	Yes	194,700
Precinct C	Yes	81,967
Precinct D	Yes	96,953
Precinct E	Yes	35,283
Precinct F	Yes	82,728
Precinct G	Yes	18,140
Precinct H	Yes	93,259
<b>Total</b>		<b>973,653</b>

Contribution Rate	
CIW Cost (\$)	\$2,337,411
Net Contribution Area (m2)	973,653
Contribution Rate (\$/m2)	\$2.4006611

Signalised intersection,	
Amount	
	\$442,080.00
	\$22,500.00
	\$1,500.00
	\$460,000.00
	\$22,250.00
	\$10,000.00
	\$38,800.00
	\$150,000.00
	\$30,000.00
	\$40,000.00
	\$150,000.00
	\$200,000.00
	\$32,200.00
	\$25,000.00
	\$324,866.00
	\$388,214.87
	<b>\$2,337,410.87</b>

CIW 2A (West)	Land acquisition and u	
Description	Quantity	Unit
Land Acquisition	5855	m2
Preliminaries and Siteworks		
Existing Services		
Roadworks		
Stormwater Drainage		
Water Reticulation		
Power		
Communications		
Authority Fees		
Contingency	20%	%
Consultant and Project Management Fees	16.70%	%
<b>Total (Excl GST)</b>		

Precinct	Precinct Included in Contribution Area for CIW	Contribution Area
Precinct A	No	-
Precinct B	No	-
Precinct C	Yes	81,967
Precinct D	Yes	96,953
Precinct E	No	-
Precinct F	No	-
Precinct G	No	-
Precinct H	No	-
<b>Total</b>		<b>178,920</b>

Contribution Rate	
CIW Cost (\$)	\$3,978,597
Net Contribution Area (m2)	178,920
Contribution Rate (\$/m2)	\$22.2367343





















Upgrade of Coldwell Road	
Rate	Amount
180	\$1,053,900.00
	\$450,000.00
	\$728,000.00
	\$654,000.00
	\$131,000.00
	\$125,000.00
	\$34,000.00
	\$0.00
	\$17,500.00
	\$427,900.00
	\$357,296.50
	<b>\$3,978,596.50</b>

Item
1
1.1
1.2
1.3
1.4
1.5
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1.8
1.9
1.10
1.11
1.12
1.13





2.8
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2.19
2.2
2.21
2.22



3.7
3.8
3.9
3.1
3.11
3.12
3.12
3.13



4
4.1
4.2
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4.4
4.5
4.6
4.7
4.8



5.3
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5.5
5.6
5.7
5.8
5.9
6
6.1
6.2



6.3
6.5
6.6

PRELIMINARIES AND SITEWORKS
Site Establishment, mobilisation, demobilisation, supervision
a) General establishment
b) Establish Site Compound
c) Supervision
d) Site facilities
Survey for Construction
General Conditions and Insurances
a) Provision of insurances in accordance with contract specification
b) Retention Requirements - Bank Guarantee total 5% of contract duration and reduced to 2.5% for 12 month maintenance
Liaison with and co-ordination with public utility authorities for services installation and protection of existing services
Contractor to prepare, seek approval, maintain and submit the following
a) Dust, Noise and Vibration Management Plan
b) Safety Management Plan
c) Traffic Management Plan
d) Quality Control Information Kit
Progressive completion of Quality Control documentation and submission of one bound and one loose document to S
Dust monitoring to satisfy DER Guidelines and Cossill and Webley draft DNVMP
Use of existing bore for construction water including pump, power, overhead tank (if required) and maintenance of bo
Dust control during construction, including areas earthworked, control of dust outside of working hours, cessation of v
Wind fencing, including supply, erection & maintenance
a) supply, erect and remove
b) maintain wind fencing during contract
c) relocate fence between locations within site (PROVISIONAL QUANTITY)
Stabilisation of all earthworked areas, excl hard paved areas with hydromulch at completion of works
a) Hydromulch no seed no dye
b) Extra over on a) for seeded hydromulch no dye
c) Extra over on a) for green dye
Supply and place imported fill including transportation, haul roads, placement, spreading and compaction Coldwell Rd
Export Clay offsite
Relocate chainmesh fence

Provision for vehicle and pedestrian traffic
Final clean-up and grading of all areas
a) Road Sweeping at PC
Sweeping of existing roads during construction
BCITF Levy
Dilapidation surveys of adjoining properties
Liaison with surveyor for all as constructed survey and drawings, for all works as required in the specification
TOTAL PRELIMINARIES AND SITEWORKS
EXISTING SERVICES
Relocate Comms (north side of Coldwell)
Relocate LP Gas (north side of Coldwell)
Relocate / slab HP Gas (south side of Coldwell)
Remove existing water main
Underground existing overhead power
TOTAL EXISTING SERVICES
ROADWORKS
Subgrade preparation, trim and compact
Limestone subbase course, 130mm thickness. In accordance with Main Roads Specification 501.
Roadbase base course, 180mm thickness. Material to be Granite Crushed Rock. In accordance with Main Roads Specification 501.
Primer Seal
Supply and lay 30mm thick black asphalt wearing course
Supply and lay 40mm thick black asphalt wearing course (MRWA 14mm intersection mix) - complying with MRWA Specification 501.
Standard concrete kerbing to the detail shown on the Drawings
a) Standard FK
b) Standard Semi-Mountable Kerb (SMK)
b) Semi-Mountable Kerb (SMK) - FACING 40MM ASPHALT

c) Extra over for keyed kerb (radius <40m)
Irrigation ducts (class 9 pressure pipe irrigation duct)
a) 200mmdia
b) 150mm dia
c) 100mm dia
Underground electricity ducts - supply and install
a) 50mm dia
b) 80mm dia
c) 100mm dia
d) 150mm dia
f) supply and install 50mm 90deg bend
Supply and install gas ducts (PROVISIONAL QUANTITIES)
a) 40mm PE
b) 63mm PE
c) 110mm PE
d) Ducting under walls
e) Danger tape
Street signs
a) Sign posts - CoG standard
b) Sign plates - CoC standard
c) Sign posts - SoK standard
d) Sign plates - SoK standard
Chevron Boards
Traffic signs and pavement markings (PROVISIONAL SUM)
Tie in with existing road pavements and remove excess materials off site
Install blue RRPM for location of water fire hydrant
Materials and compaction testing
Traffic management
Diversion Track
Removal of existing pavement
Protection of existing services
Relocation and reinstatement of existing signs
Removal / Relocation of existing services (PROVISIONAL SUM)
Other (Contractor to nominate any other Items deemed necessary for the construction)
FOOTPATH 2.5M WIDE

Pram ramp
Tactile pavers 350x350 mm
Grab rail
Tie the cross over of lot 13 to Interim grove Rd
Remove & reinstate crossovers to existing residents incl maintaining access during construcion
Boxout Coldwell Road to 1050mm depth under pavement
Import for above & disposal of unsuitable offsite
Additional Roadworks as directed by Superintendent (Provisional Sum)
TOTAL ROADWORKS
STORMWATER DRAINAGE
Excavation of pipe trenches in all classes of material (including rock) including backfilling, compaction and backfill (Ref
a) 0-2m deep
b) 2-3m deep
c) 3-4m deep
d) 4-5m deep
Dewatering of stormwater trenches in all classes of material. Extra-over cost to excavation costs. (Depth to pipe inver
a) 0-2m deep
b) 2-3m deep
c) 3-4m deep
d) 4-5m deep
Supply and installation of pipework Class 2 at all depths including bedding, laying, jointing and backfill
a) 300 mm dia pipe
b) 375 mm dia pipe
c) 450 mm dia pipe
d) 525 mm dia pipe
e) 600 mm dia pipe
f) 750 mm dia pipe
g) 900 mm dia pipe
h) 1050 mm dia pipe
Supply and installation of pipework Class 3 at all depths including bedding, laying, jointing and backfill
a) 300 mm dia pipe
b) 375 mm dia pipe
c) 450 mm dia pipe
d) 525 mm dia pipe
e) 600 mm dia pipe
Supply and installation of pipework Class 4 at all depths including bedding, laying, jointing and backfill
a) 300 mm dia pipe
b) 375 mm dia pipe
c) 450 mm dia pipe

d) 525 mm dia pipe
e) 600 mm dia pipe
Supply and construct precast concrete manholes for up to 1050 mm dia pipes
a) Concrete base
b) Walls
c) Standard covers
d) Heavy duty gatic covers
Supply and construct precast concrete manholes for up to 750 mm dia pipes (1200dia liner)
a) Concrete base
b) Walls
c) Standard covers
d) Heavy duty gatic covers
Supply and construct precast concrete manholes for up to 750 mm dia pipes (1800dia liner)
a) Concrete base
b) Walls 1050dia
c) Walls 1800dia
d) Standard covers
e) Heavy duty gatic covers
Supply and construct standard gully pits (1050 liner)
a) Concrete base
b) Walls
c) Standard Rectangular Cover
d) Circular Cover
Supply and construct side entry pits (1050 liner)
a) Concrete base
b) Walls
c) Standard cover
d) Extra over for 1200mm dia walls
Supply and construct combination side entry pits (1200 dia liner)
a) Concrete base
b) Walls
c) Standard cover
Supply and construct BUP (1200 dia liner)
a) Concrete base
b) Walls
c) Standard cover
Supply and install Box Culvert (B2 Exposure) including precast base slab at all depths including bedding (150mm thick t
a) 450mm x 450mm
b) 450mm x 600mm
c) 600mm x 600mm
d) 600mm x 900mm
e) 900mm x 900mm

f) 900mm x 1200mm
f) 450mm x 1200mm
Supply and install headwalls for box culvert
a) 525mm
b) 900mm
c) 1200mm
Sealed inlets
Supply and install headwalls
a) 300mm dia
b) 375mm dia
c) 450mm dia
d) 525mm dia
e) 600mm dia
f) 2 x 525mm dia
Excavation of subsoil drainage pipe trenches in all classes of material including; backfilling, compaction and restoration
a) 0.0 - 2.0m deep
b) 2.0 - 3.0m deep
c) 3.0 - 4.0m deep
d) 4.0 - 5.0m deep
Dewatering of subsoil drainage trenches in all classes of material. Extra-over cost to excavation costs.
a) 0.0 - 2.0m deep
b) 2.0 - 3.0m deep
c) 3.0 - 4.0m deep
d) 4.0 - 5.0m deep
Supply and installation of subsoil pipework at all depths including bedding, laying and jointing
a) 150mm dia slotted pipe (incl. metal surrounds and geotextile)
b) 225mm dia slotted pipe (incl. metal surrounds and geotextile)
c) 300mm dia slotted pipe (incl. metal surrounds and geotextile)
d) 150mm dia solid pipe
e) 225mm dia solid pipe
f) 300mm dia solid pipe
Supply and installation of subsoil maintenance riser including junction, bend and cast iron trafficable cover
a) 150mm dia pipe
b) 225mm dia pipe
c) 300mm dia pipe
Excavation and shaping of Swales
Protection of surrounding land uses (including buildings)
Other (Contractor to nominate any other Items deemed necessary for the construction)
Unmortared stone pitching
Grouted stone pitching

Remove existing drainage pipe
Remove existing culvert
Remove existing headwalls
Cap end
Additional Stormwater Drainage as directed by Superintendent (Provisional Sum)
TOTAL STORMWATER DRAINAGE
WATER RETICULATION
Excavation of common service trenches in all classes of material including disposal of excess spoil supply and lay bedding
a) 2.4m wide for all services (E, W, G, T)
b) 1.8m wide for 4 services
c) 0.8m wide for 3/2 services
d) 0.4m wide for 2 services
e) Road crossings for all services
f) Road crossings for 4 services
g) Road crossings for 3 services
h) Road crossings for 2 services
i) Road crossings for 1 services
Supply, lay, joint, and test pipes and all fittings and services not separately scheduled
a) 200 mm dia UPVC pipe
b) 150 mm dia UPVC pipe
e/o for installation adjacent existing water main
Hydrants completed including tees, risers, boxes and markers
a) 200 mm dia
b) 150 mm dia
Dobidicon sluice valves including flange-socket adaptors, boxes, fittings, valve key extension markers
a) 200 mm dia
b) 150 mm dia
Cast iron tees, including tapers and thrust blocks
a) 150 x 150 x 150mm tee
b) 200 x 200 x 150
c) 200 x 200 x 200
Cast iron bends including thrust blocks
a) 200 mm dia
b) 150 mm dia
Deadend and flushing point with markers
a) 200 mm dia
b) 150 mm dia
Preparation for Water Corporation to connect to existing services



Supply and intall tap protector sleeves
Bore water mains beneath Welshpool Road East to MRWA and Water Corporation requirements and in accodance wit
a) 150mm dia
b) PVC to PE Adaptors
Reinstate existing verges to match existing
Connection to existing water retic by Water Corporation at Contractors expense (PROVISIONAL SUM)
Other (Contractor to nominate any other Items deemed necessary for the construction)
Additional Water Reticulation as directed by Superintendent (Provisional Sum)
TOTAL WATER RETICULATION
POWER AND STREET LIGHTS SUPPLY AND INSTALL
Site establishment, mobilisation, demobilisation, accommodation, supervision and overheads etc. required for cable in
Supply and install electrical works including:
16mm xlpe street light CN41
25mm xlpe LV CN42
240mm xlpe LV CN45
35mm xlpe HV
400mm xlpe HV
Cable protector-plastic slab 2m CN54
CN64
CN73_LV10/16 - end caps SL
CN73_35/185 - end cap 35-185sqmm HV
CN73_240 - end cap 240sqmm HV
CN73_LVMains
Standard pole 6.5m DM5_Heritage Red
LU2
HU54
HU55
HU66
HU68
HU14
Mini Pillar LU10
Mini Pillar 2x25mm connection LU10_2TERM
Mini Pillar Working End LU10_W/END
Universal Pillar LU11
TEE joint 25/240 LU5
Uni pillar termination LU7_240
Luminaire adaptor SL18_BOURKE
Straight Joint - 400mm HU2
HU3 - 35HV

Switchgear kiosk 2+1
Switchgear kiosk 2+2
Switchgear kiosk 2+3
Metro Inside TX 22kV-1000kVA
LU44
LU46
LU47
Kiosk Type 2-LU39
Kiosk Base Type 2-LU42
TX and Base
METRO - MPS District 22kV - 630 kVA HU61
METRO _ NON MPS District outside 22kV - 1000kVA
Elbow 22kV / 200 Amp non break load
LU14_240
SL11 12.5m Steel Standard Galv Pole
Single outreach steel standard 12.5m_150w HPS
Bore power cable beneath Welshpool Road East to MRWA and Western Power requirements and in accordance with A
a) 150mm electrical duct
Transportation of cables and materials to site
Cable Testing
a) Testing HV cable
b) Testing LV cable
Liaison with Western Power for QA testing
Electrical Consultant Supervision, QA and Provision of Ascon Drawings as required by Western Power (PROVISIONAL S
Deep earthing of transformer sites to Western Power requirements (PROVISIONAL QUANTITY)
Restorations on verge at Puddy Lane
Additional Water Reticulation as directed by Superintendent (Provisional Sum)
TOTAL CABLE AND EQUIPMENT INSTALLATION FOR UPD
COMMUNICATIONS SUPPLY AND INSTALLATION (NBN COMPLIANT DESIGN)
Supply, Excavate and Install Pits as per manufacturer's specification
a) Type 2 Pits
b) Type 5 Pits
b) Type 6 Pits
c) Type 8 Pits
Supply and Install Communications Conduit (Laid in Common Trench)
a) 50mm diameter, inc bends
b) 100mm diameter, inc bends

Supply and Install Lead Ins
a) 20mm diameter inc bends
NBN Consultant Supervision, QA, Site Inspections (PROVISIONAL SUM)
Other (Contractor to nominate any other Items deemed necessary)
Bends
P100-90 Degree
P100- <45 Degree
TOTAL COMMUNICATIONS SUPPLY AND INSTALLATION

QTY	UNIT	RATE	AMOUNT
1	Item	\$ 11,500.00	\$ 11,500.00
9.75	week	\$ 500.00	\$ 4,875.00
10	week	\$ 1,050.00	\$ 10,237.50
10	week	\$ 350.00	\$ 3,412.50
10	week	\$ 850.00	\$ 8,287.50
1	Item	\$ 13,929.30	\$ 13,929.30
1	Item	\$ 9,115.00	\$ 9,115.00
1	Item	\$ 8,500.00	\$ 8,500.00
1	Item	\$ 700.00	\$ 700.00
1	Item	\$ 700.00	\$ 700.00
1	Item	\$ 2,150.00	\$ 2,150.00
1	Item	\$ 800.00	\$ 800.00
1	Item	\$ 3,200.00	\$ 3,200.00
10	weeks	\$ 450.00	\$ 4,387.50
10	weeks	\$ 550.00	\$ 5,362.50
10	weeks	\$ 1,950.00	\$ 19,012.50
1450	m	\$ 24.00	\$ 34,804.80
	m-week	\$ 2.00	\$ -
500	m	\$ 14.00	\$ 7,000.00
11813	m2	\$ 0.36	\$ 4,252.67
11813	m2	\$ 0.02	\$ 236.26
11813	m2	\$ 0.02	\$ 236.26
3,698	m3	\$ 30.00	\$ 110,930.40
3698	m3	\$ 20.00	\$ 73,953.60
423	m	\$ 52.00	\$ 21,996.00

1	Item	\$ 7,100.00	\$ 7,100.00
31813	m2	\$ 0.45	\$ 14,315.83
1	item	\$ 1,200.00	\$ 1,200.00
15	week	\$ 160.00	\$ 2,400.00
1	Item	\$ 4,880.00	\$ 4,880.00
10	No.	\$ 410.00	\$ 4,100.00
1	Item	\$ 7,600.00	\$ 7,600.00
			\$ 401,175.12
452	m	\$ 250.00	\$ 112,887.50
452	m	\$ 200.00	\$ 90,310.00
436	m	\$ 450.00	\$ 196,290.00
264	m	\$ 75.00	\$ 19,781.25
1	item	\$ 100,000.00	\$ 100,000.00
			\$ 519,268.75
5448	m2	\$ 3.00	\$ 16,344.83
5448	m2	\$ 8.00	\$ 43,586.22
5223	m2	\$ 11.50	\$ 60,061.38
4997	m2	\$ 2.75	\$ 13,742.25
3591	m2	\$ 11.40	\$ 40,938.20
1406	m2	\$ 15.80	\$ 22,216.54
	m	\$ 52.50	\$ -
552	m	\$ 16.95	\$ 9,353.52
200	m	\$ 18.25	\$ 3,650.00

250	m	\$ 8.10	\$ 2,025.00
80	m	\$ 60.00	\$ 4,800.00
	m		\$ -
	m		\$ -
200	m	\$ 12.00	\$ 2,400.00
	m		\$ -
100	m	\$ 18.00	\$ 1,800.00
200	m	\$ 31.00	\$ 6,200.00
	no.		\$ -
0	m	\$ 6.00	\$ -
0	m	\$ 12.00	\$ -
0	m	\$ 20.00	\$ -
0	m	\$ 45.00	\$ -
0	m	\$ 1.00	\$ -
1	No.	\$ 240.00	\$ 240.00
2	No.	\$ 155.00	\$ 310.00
	No.		\$ -
	No.		\$ -
0	No.	\$ 380.00	\$ -
1	Item	\$ 10,000.00	\$ 10,000.00
3	No.	\$ 1,650.00	\$ 4,950.00
7	No.	\$ 55.00	\$ 385.00
1	Item	\$ 6,600.00	\$ 6,600.00
10	weeks	\$ 11,000.00	\$ 110,000.00
2538	m2	\$ 15.00	\$ 38,070.00
3465	m2	\$ 6.50	\$ 22,524.71
	Item		\$ -
10	No	\$ 120.00	\$ 1,200.00
	Item	\$ 20,000.00	\$ -
	Item		
0	m	\$ 87.00	\$ -

0	No	\$ 560.00	\$ -
Rate only	each	\$ 45.00	
Rate only	each	\$ 320.00	
	Item	\$ 850.00	\$ -
2	no	\$ 10,000.00	\$ 20,000.00
0	m2	\$ 4.00	\$ -
0	m3	\$ 45.00	\$ -
1	Item	\$ 25,000.00	\$ 25,000.00
			\$ 466,397.65
er Specification)			
291	m	\$ 15.00	\$ 4,368.15
	m		\$ -
	m		\$ -
	m		\$ -
rt)			
	m		\$ -
	m		\$ -
	m		\$ -
	m		\$ -
37	m	\$ 58.00	\$ 2,171.52
0	m	\$ 70.00	\$ -
29	m		\$ -
	m	\$ 112.00	\$ -
26	m		\$ -
	m		\$ -
	m		\$ -
	m		\$ -
29	m	\$ 66.00	\$ 1,912.68
	m	\$ 75.00	\$ -
	m	\$ 109.00	\$ -
156	m	\$ 130.00	\$ 20,294.30
	m	\$ 163.00	\$ -
13	m	\$ 74.00	\$ 969.40
	m	\$ 86.00	\$ -
	m		\$ -





rate only	m		
	m	\$ 730.00	\$ -
	No	\$ 680.00	\$ -
	No	\$ 950.00	\$ -
	No	\$ 1,050.00	\$ -
	No.		\$ -
7	No.	\$ 650.00	\$ 4,550.00
	No.	\$ 650.00	\$ -
	No.		\$ -
	No.		\$ -
2	No.	\$ 700.00	\$ 1,400.00
2	No.	\$ 1,710.00	\$ 3,420.00
n			\$ -
0	m	\$ 15.00	\$ -
	m		\$ -
	m		\$ -
	m		\$ -
	m		\$ -
	m		\$ -
	m		\$ -
	m		\$ -
0	m	\$ 48.00	\$ -
	m		\$ -
	m		\$ -
	m		\$ -
	m		\$ -
0	no.	\$ 440.00	\$ -
	no.		\$ -
	no.		\$ -
526	m	\$ 6.00	\$ 3,153.77
	Item		\$ -
	Item		\$ -
	m2	\$ 52.00	\$ -
	m2	\$ 80.00	\$ -



	No.		\$ -
h Appendix G of the Tender Document MRWA Conditional Agreement.			
	m	\$ 155.00	\$ -
	ea.	\$ 2,250.00	\$ -
5	Item	\$ 1,100.00	\$ 5,500.00
1	Item	\$ 20,000.00	\$ 20,000.00
1	Item	\$ 20,000.00	\$ 20,000.00
			\$ 88,485.30
Installation and equipment	Item		\$ -
426	m	\$ 11.50	\$ 4,899.00
	m		\$ -
	m	\$ 45.00	\$ -
	m	\$ 39.00	\$ -
	m	\$ 82.50	\$ -
	each	\$ 18.00	\$ -
	each	\$ 125.00	\$ -
	each	\$ 7.50	\$ -
	each	\$ 14.50	\$ -
	each	\$ 28.00	\$ -
	each	\$ 7.00	\$ -
	each		\$ -
	each		\$ -
	each		\$ -
	each	\$ 1,220.00	\$ -
	each	\$ 560.00	\$ -
	each	\$ 525.00	\$ -
	each	\$ 1,180.00	\$ -
	each		\$ -
	each		\$ -
	each		\$ -
	each	\$ 695.00	\$ -
	each		\$ -
	each	\$ 260.00	\$ -
	each		\$ -
	each	\$ 1,680.00	\$ -
	each	\$ 1,680.00	\$ -

	each		\$	-
	each	\$ 31,850.00	\$	-
	each		\$	-
	each	\$ 33,500.00	\$	-
	each	\$ 1,180.00	\$	-
	each	\$ 1,480.00	\$	-
	each	\$ 3,350.00	\$	-
	each	\$ 3,450.00	\$	-
	each	\$ 2,480.00	\$	-
	each	\$ 1,400.00	\$	-
	each		\$	-
	each		\$	-
	each		\$	-
	each	\$ 450.00	\$	-
9	each	\$ 2,190.00	\$	18,658.80
	each		\$	-
Appendix G of the Tender Document MRWA Conditional Agreement.				
	m	\$ 145.00	\$	-
	Item	\$ 2,750.00	\$	-
	Item	\$ 4,400.00	\$	-
	Item	\$ 800.00	\$	-
	Item	\$ 1,200.00	\$	-
(SUM)	Item	\$ 20,000.00	\$	-
	m	\$ 85.00	\$	-
	item	\$ 1,100.00	\$	-
	Item	\$ 15,000.00	\$	-
30%	OPC Amt	\$ 850,000.00	\$	23,557.80
	No.	\$ 200.00	\$	-
	No.	\$ 250.00	\$	-
	No.	\$ 485.00	\$	-
	No.	\$ 850.00	\$	-
	m	\$ 11.00	\$	-
	m	\$ 17.50	\$	-

	No.	\$ 8.00	\$ -
	Item	\$ 20,000.00	\$ -
	No.	\$ 65.00	\$ -
	No.	\$ 62.00	\$ -
0%	OPC Amt	\$ 80,000.00	\$ -
			\$ <b>1,591,609.43</b>

Item 1	Widening of Coldwell Road reservation and upgrade of network		
Description	Quantity	Unit	Rate
Land Acquisition	3739	m2	\$180.00
Preliminaries and Siteworks			
Existing Services			
Roadworks			
Stormwater Drainage			
Water Reticulation			
Power			
Communications			
Authority Fees			
Contingency	20%		
Consultant and Project Management Fees	16.70%		
<b>Total</b>			

Precinct	Precinct Included in Contribution Area for CIW	Contribution Area	No
Precinct A	No	-	
Precinct B	No	-	
Precinct C	No	-	
Precinct D	No	-	
Precinct E	No	-	
Precinct F	No	-	
Precinct G	Yes	18,140	
Precinct H	Yes	93,259	
<b>Total</b>		<b>111,399</b>	

Contribution Rate	
CIW Cost (\$)	\$2,790,758
Net Contribution Area (m2)	111,399
Contribution Rate (\$/m2)	\$25.0519111

road and drainage
Amount
\$673,020.00
\$286,000.00
\$464,000.00
\$416,000.00
\$83,000.00
\$80,000.00
\$22,000.00
\$0.00
17500
\$408,304.00
\$340,933.84
<b>\$2,790,757.84</b>

otes

Item 2	Widening of Courtney Place and upgrade of road and dr		
Description	Quantity	Unit	Rate
Land Acquisition	760	m2	\$ 180.00
Preliminary and siteworks			
Earthworks			
Roadworks			
Stormwater Drainage			
Sewerage Reticulation			
Water Reticulation			
Underground Power			
Communications			
WC Infrastructure Contribution			
Local Authority Supervision Fee			
Western Power Fees and Charges			
NBN Fees			
WC Planning and Connection			
Authority Fees			
Contingency	20%		
Consultant and Project Management Fees	16.70%		
<b>Total</b>			

Precinct	Precinct Included in Contribution Area for CIW	Contribution Area	M
Precinct A	No	-	
Precinct B	No	-	
Precinct C	No	-	
Precinct D	No	-	
Precinct E	No	-	
Precinct F	Yes	82728	
Precinct G	Yes	18140	
Precinct H	No		
<b>Total</b>		<b>100,868</b>	

Contribution Rate	
CIW Cost (\$)	\$2,439,138
Net Contribution Area (m2)	100,868
Contribution Rate (\$/m2)	\$24.1814857





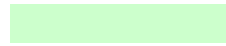
rainage network
Amount
\$136,800.00
\$200,000.00
\$210,000.00
\$470,000.00
\$140,000.00
\$0.00
\$100,000.00
\$390,000.00
\$40,000.00
\$0.00
\$10,000.00
\$60,000.00
\$0.00
\$10,000.00
\$17,500.00
\$356,860.00
\$297,978.10
<b>\$2,439,138.10</b>

Notes

CIW 2B - Courtney Place Upgrade
<b>Prelims</b>
<b>Sub-Total Prelims</b>
<b>Earthworks</b>
Clear existing Grove Road
Topsoil Strip
Fill to raise road to tie into existing levels
<b>Sub-Total Earthworks</b>
<b>Roads</b>
Remove existing pavement
Remove existing kerb
New pavement (higher spec)
New Kerb
Footpath
Tie pavement in with existing
Linemarking
Traffic Management
Reinstate Existing Driveways
Allowance to relocate existing services
<b>Sub-Total Roadworks</b>
<b>Drainage</b>
Piped drainage incl SEP every 60m (@\$2,000 per pit) Dia375mm at \$100
Subsoil
<b>Sub-Total Drainage</b>
<b>Water</b>
Remove Existing
New mains
Connection to existing by WC
<b>Sub-Total Water</b>
<b>Sewer</b>
No Allowance
<b>Sub-Total Roadworks</b>
<b>Underground Power</b>
Remove Existing
Underground Power
Transformers
<b>Sub-Total Power</b>
<b>Comms</b>
New pit and pipe
<b>Sub-Total Comms</b>
<b>TOTAL COURTNEY PLACE</b>



Rates	Units	Quantity	Costs
			\$ 200,000.00
\$ 20,000.00	item	1	\$ 20,000.00
\$ 10,000.00	itm	1	\$ 10,000.00
\$ 21.05	m3	8100	\$ 170,505.00
			\$ 200,505.00
\$ 100.00	m	405	\$ 40,500.00
\$ 10.00	m2	810	\$ 8,100.00
\$ 400.00	m	405	\$ 162,000.00
\$ 25.00	m	810	\$ 20,250.00
\$ 85.00	m	405	\$ 34,425.00
\$ 10,000.00	Item	2	\$ 20,000.00
\$ 5,000.00	Item	1	\$ 5,000.00
\$ 25,000.00	Item	1	\$ 25,000.00
\$ 10,000.00	No	10	\$ 100,000.00
\$ 50,000.00	Item	1	\$ 50,000.00
			\$ 465,275.00
			\$ -
\$ 180.00	m	405	\$ 72,900.00
\$ 150.00	m	405	\$ 60,750.00
			\$ 133,650.00
\$ 50.00	m	405	\$ 20,250.00
\$ 150.00	m	405	\$ 60,750.00
\$ 10,000.00	item	1	\$ 10,000.00
			\$ 91,000.00
			\$ -
\$ 200.00	m	405	\$ 81,000.00
\$ 300.00	m	405	\$ 121,500.00
\$ 60,000.00	No	3	\$ 180,000.00
			\$ 382,500.00
\$ 80.00	m	405	\$ 32,400.00
			\$ 32,400.00
			\$ 1,505,330.00



Item 3	Acquisition of land and construction fo drain		
Description	Quantity	Unit	Rate
Land Acquisition	8867	m2	\$180.00
Preliminary and siteworks			
Earthworks			
Authority Fees			
Contingency	20%		
Consultant and Project Management Fees	10.00%		
<b>Total</b>			

Precinct	Precinct Included in Contribution Area for CIW	Contribution Area	
Precinct A	No	-	
Precinct B	No	-	
Precinct C	No	-	
Precinct D	No	-	
Precinct E	No	-	
Precinct F	Yes	82,728	
Precinct G	Yes	18,140	
Precinct H	Yes	93,259	
<b>Total</b>		<b>194,127</b>	

Contribution Rate	
CIW Cost (\$)	\$2,175,628
Net Contribution Area (m2)	194,127
Contribution Rate (\$/m2)	\$11.2072406

nage basin
Amount
\$1,596,060.00
\$30,000.00
\$30,000.00
\$17,500.00
\$334,712.00
<b>\$167,356.00</b>
<b>\$2,175,628.00</b>

Notes

<b>Admin</b>		
<b>Description</b>	<b>Quantity</b>	<b>Period</b>
Half FTE for DCP Officer (City of Kalamunda) for 10 years	0.5	10
Half FTE for DCP Officer (City of Gosnells) for 10 years	0.5	10
Annual Review Costs (10 year period)	1	10
Initial Peer Review	1	1
<b>Total</b>		

<b>Precinct</b>	<b>Precinct Included in Contribution Area for CIW</b>	<b>Contribution Area</b>
Precinct A	Yes	370,623
Precinct B	Yes	194,700
Precinct C	Yes	81,967
Precinct D	Yes	96,953
Precinct E	Yes	35,283
Precinct F	Yes	82,728
Precinct G	Yes	18,140
Precinct H	Yes	93,259
<b>Total</b>		<b>973,653</b>

<b>Contribution Rate</b>	
CIW Cost (\$)	\$ 1,330,000.00
Net Contribution Area (m2)	973,653
Contribution Rate (\$/m2)	\$1.3659897



<b>Administration Costs</b>		
<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
Annual salary	\$ 100,000.00	\$ 500,000.00
Annual salary	\$ 100,000.00	\$ 500,000.00
Estimated Review Cost	\$ 30,000.00	\$ 300,000.00
Estimated Consultant Cost	\$ 30,000.00	\$ 30,000.00
		<b>\$ 1,330,000.00</b>

Preparation	Preparation of DCP Costs		
Description	Quantity	Unit	Rate
Planning Consultant	400	Hrs	\$230.00
Civil Engineering Consultant	125	Hrs	\$280.00
Traffic Engineering Consultant	300	Hrs	\$250.00
Environmental Consultant	50	Hrs	\$250.00
<b>Total</b>	<b>875</b>		

Precinct	Precinct Included in Contribution Area for CIW	Contribution Area
Precinct A	Yes	370,623
Precinct B	Yes	194,700
Precinct C	Yes	81,967
Precinct D	Yes	96,953
Precinct E	Yes	35,283
Precinct F	Yes	82728
Precinct G	Yes	18140
Precinct H	Yes	93259
<b>Total</b>		<b>973,653</b>

Contribution Rate	
CIW Cost (\$)	\$214,500.00
Net Contribution Area (m2)	973,653
Contribution Rate (\$/m2)	\$0.2203044

Amount
\$92,000.00
\$35,000.00
\$75,000.00
\$12,500.00
<b>\$214,500.00</b>

Finance Costs for pre-funding of CIW 1A, CIW 1B and DCP Preparation Costs

<b>Capital Investment (Stage 1 Development)</b>	
CIW 1A	\$2,914,995.90
CIW 1B	\$1,201,251.25
DCP Preparation Costs	\$214,500.00
<b>Total</b>	<b>\$4,330,747.15</b>

<b>Stage 1 DCP Contribution to items</b>	<b>Contribution Item Rate</b>
CIW 1A	\$2.99
CIW 1B	\$1.35
CIW 1C	\$2.40
Administration Costs	\$1.37
DCP Preparation Costs	\$0.22
<b>Total</b>	

<b>Capital Cost A</b>	<b>Contribution Amount Required</b>
Stage 1 Developer	\$4,063,567.34

<b>Year</b>	<b>Present Value</b>
2019	\$267,179.81
2020	\$283,658.88
2021	\$301,154.34
2022	\$319,728.88
2023	\$339,449.06
2024	\$360,385.53
2025	\$382,613.32
2026	\$406,212.07
<b>Total</b>	

<b>Precinct</b>	<b>Precinct Included in Contribution Area for CIW</b>
Precinct A	No
Precinct B	Yes
Precinct C	No
Precinct D	Yes
Precinct E	No
Precinct F	Yes
Precinct G	Yes
Precinct H	Yes
<b>Total</b>	

<b>Contribution Rate</b>	

CIW Cost (\$)	\$164,086.53
Net Contribution Area (m2)	485,780
Contribution Rate (\$/m2)	\$0.3377795

Net Contribution Area (Stage 1)	
487873	\$1,460,631.04
487873	\$657,808.51
487873	\$1,171,217.73
487873	\$666,429.51
487873	\$107,480.55
	<b>\$4,063,567.34</b>

Contribution Amount Paid	Capital Investment beyond DCP requirement
\$4,330,747.15	<b>-\$267,179.81</b>

Interest Rate	Future Value	Interest Accrued
6%	\$283,658.88	\$16,479.07
6%	\$301,154.34	\$17,495.46
6%	\$319,728.88	\$18,574.54
6%	\$339,449.06	\$19,720.18
6%	\$360,385.53	\$20,936.48
6%	\$382,613.32	\$22,227.79
6%	\$406,212.07	\$23,598.75
6%	\$431,266.35	\$25,054.27
		<b>\$164,086.53</b>

Contribution Area	Notes
-	
194,700	
-	
96,953	
-	
82,728	
18,140	
93,259	
<b>485,780</b>	

Capital Investment (Stage 1 Development)	
CIW 2A (West)	\$3,978,596.50
<b>Total</b>	<b>\$3,978,596.50</b>

Stage 1 DCP Contribution to items	Contribution Rate	Net Contribution Area
CIW 2A (West)	\$22.24	81967
<b>Total</b>		

Capital Cost A	Contribution Amount Required	Contribution Amount Paid
Stage 1 Developer	\$1,822,678.40	\$3,978,596.50

Year	Present Value	Interest Rate
2019	\$2,155,918.10	6%
2020	\$2,288,890.41	6%
2021	\$2,430,064.16	6%
2022	\$2,579,945.20	6%
2023	\$2,739,070.58	6%
2024	\$2,908,010.46	6%
2025	\$3,087,370.18	6%
2026	\$3,277,792.42	6%
<b>Total</b>		

Precinct	Precinct Included in Contribution Area for CIW	Contribution Area
Precinct A	No	-
Precinct B	No	-
Precinct C	No	-
Precinct D	Yes	96,953
Precinct E	No	-
Precinct F	No	-
Precinct G	No	-
Precinct H	No	-
<b>Total</b>		<b>96,953</b>

Contribution Rate	
CIW Cost (\$)	\$1,324,041.38
Net Contribution Area (m2)	96,953
Contribution Rate (\$/m2)	\$13.6565282





Capital Investment (CIW 2A (East) and CIW 2B)	Amount
CIW 2A (East)	\$2,790,757.84
CIW 2B	\$2,439,138.10
<b>Total</b>	<b>\$5,229,895.94</b>

Development Stage	Existing Lots	Street Front
Stage 2 (2020)	14	Courtney Place
	15	Coldwell Road
	18	Courtney Place
	16	Coldwell Road
	17	Coldwell Road
	<b>Sub-Total</b>	
Stage 3 (2021)	5	Courtney Place
	4	Courtney Place
	10	Courtney Place
	11	Courtney Place
	12	Courtney Place
	13	Courtney Place
<b>Sub-Total</b>		
Stage 4 (2022)	21	Coldwell Road
	22	Coldwell Road
	23	Coldwell Road
<b>Sub-Total</b>		
Stage 5 (2024)	82	Coldwell Road
	83	Coldwell Road
	84	Coldwell Road
	85	Coldwell Road
	86	Coldwell Road
	87	Coldwell Road
		Coldwell Road Intersection realignment
<b>Sub-Total</b>		

Year	Outstanding Balance (Beginning of Period)	Interest Rate
2020	\$3,891,615	6%
2021	\$4,131,641	6%
2022	\$2,872,808	6%
2023	\$2,114,209	6%
2024	\$2,244,609	6%
2025	\$940,888	0%
	<b>Total</b>	

Precinct	Precinct Included in Contribution Area for CIW	Contribution Area
Precinct A	No	-
Precinct B	No	-
Precinct C	No	-

Precinct D	No	-
Precinct E	No	-
Precinct F	Yes	82,728
Precinct G	Yes	18,140
Precinct H	Yes	93,259
<b>Total</b>		<b>194,127</b>

<b>Contribution Rate</b>	
CIW Cost (\$)	\$940,887.71
Net Contribution Area (m2)	194,127
Contribution Rate (\$/m2)	\$4.8467638

Net Contribution Area	CIW 2A East Contribution Rate	CIW 2B Contribution Rate	Total Contribution Rate (Capital Cost C)
9,971	\$0.00	\$24.18	\$24.18
8,813	\$25.05	\$24.18	\$49.23
10,161	\$0.00	\$24.18	\$24.18
9,127	\$25.05	\$0.00	\$25.05
7,541	\$25.05	\$0.00	\$25.05
<b>45,613</b>			
10,160	\$0.00	\$24.18	\$24.18
12,310	\$0.00	\$24.18	\$24.18
9,947	\$0.00	\$24.18	\$24.18
9,941	\$0.00	\$24.18	\$24.18
10,005	\$0.00	\$24.18	\$24.18
10,233	\$0.00	\$24.18	\$24.18
<b>62,596</b>			
9,512	\$25.05	\$0.00	\$25.05
9,512	\$25.05	\$0.00	\$25.05
9,327	\$25.05	\$24.18	\$49.23
<b>28,351</b>			
13,829	\$25.05	\$0.00	\$25.05
10,091	\$25.05	\$0.00	\$25.05
10,058	\$25.05	\$0.00	\$25.05
10,064	\$25.05	\$0.00	\$25.05
8,731	\$25.05	\$0.00	\$25.05
3,148	\$25.05	\$0.00	\$25.05
1,646	\$25.05	\$0.00	\$25.05
<b>57,567</b>			

Outstanding Balance (End of Period)	Assumed Repayment (End of Period)	Interest Accrued
\$4,131,641	\$0	\$240,026
\$4,386,472	\$1,513,664	\$254,831
\$3,049,996	\$935,787	\$177,188
\$2,244,609	\$0	\$130,400
\$2,383,051	\$1,442,163	\$138,443
		<b>\$940,887.71</b>

Notes	



<b>Contribution Received</b>
\$241,113.59
\$433,893.93
\$245,708.08
\$228,648.79
\$188,916.46
<b>\$1,338,280.85</b>
\$245,683.89
\$297,674.09
\$240,533.24
\$240,388.15
\$241,935.76
\$247,449.14
<b>\$1,513,664.28</b>
\$238,293.78
\$238,293.78
\$459,199.89
<b>\$935,787.45</b>
\$346,442.88
\$252,798.83
\$251,972.12
\$252,122.43
\$218,728.24
\$78,863.42
\$41,235.45
<b>\$1,442,163.36</b>