

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Bates** Road No **68** Section from **0.00** km to **2.44**

Description of Work **Gravel Sheeting** Location of Gravel **Unknown** **Funds -To be determined**

Machine	Clearing		Forming shoulders		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					60	55									55
Tandem Water Truck					40	40									40
Loader					60	55									55
Prime Mover - ST/WT/Float					60	55									55
Prime Mover - ST/WT/Float					60	55									55
Prime Mover - ST/WT/Float					60	55									55
Mtnce Truck															0
SP Vibe Roller					40	40									40
Self Propelled Multi Wheel					20	20									20
Tractor Broom															0
Backhoe															0
Crew Cab					20	20									20
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		420		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
RCP's				0.00
Cement				0.00
Guide Posts / Signs				0.00
Slabs				0.00
Wet Mix				0.00
Metal				0.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	3500	2	7000.00
Gravel Royalties	M3	3500	1.5	5250.00
				0.00
				0.00
Total Costs				12250.00

Number of Days Work **6**



Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	55	18.00	75.00	990.00	4125.00
Tandem Water Truck	40	8.00	50.00	320.00	2000.00
Loader	55	16.00	60.00	880.00	3300.00
Prime Mover - ST/WT/Float	55	18.00	75.00	990.00	4125.00
Prime Mover - ST/WT/Float	55	18.00	75.00	990.00	4125.00
Prime Mover - ST/WT/Float	55	18.00	75.00	990.00	4125.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	40	9.00	40.00	360.00	1600.00
SP Multi Tyred Roller	20	9.00	40.00	180.00	800.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	20	5.00	25.00	100.00	500.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	395			5800.00	24700.00

Ward **0**
 Road Name **Bates**
 Road Number **68**
 Section **0.00** to **2.44**

Labour	Wages	\$ 13,860.00	
	Overheads	\$ 13,860.00	
Materials		\$ 12,250.00	
Plant Operating Costs		\$ 24,700.00	
TOTAL COSTS		\$ 64,670.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 5,800.00	
TOTAL COSTS		\$ 70,470.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
420	33.00	100%	13860.00	13860.00	27720.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Billericay East** Road No **20** Section from **9.00** km to **13.00**

Description of Work **Form and Gravel** Location of Gravel **Unknown** R2R

Machine	Silt Removal		Forming		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					110	100									100
Tandem Water Truck					110	90									90
Loader					90	85									85
Prime Mover - ST/WT/Float					90	85									85
Prime Mover - ST/WT/Float					90	85									85
Prime Mover - ST/WT/Float					90	85									85
Mtnce Truck															0
SP Vibe Roller					50	45									45
Self Propelled Multi Wheel					40	35									35
Tractor Broom															0
Backhoe															0
Crew Cab					20	20									20
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		690		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
RCP's				0.00
Cement				0.00
Guide Posts / Signs				0.00
Slabs				0.00
Wet Mix				0.00
Metal				0.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	5500	2	11000.00
Gravel Royalties	M3	5500	1.5	8250.00
				0.00
				0.00
Total Costs				19250.00

Number of Days Work	13
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Working of a face and working towards Woolacutty Road.
Needs to be a 5 year project at least to achieve this

23/24 budget - (SLK 9.00 - 13.00)

Distance 4.00km

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	100	18.00	75.00	1800.00	7500.00
Tandem Water Truck	90	8.00	50.00	720.00	4500.00
Loader	85	16.00	60.00	1360.00	5100.00
Prime Mover - ST/WT/Float	85	18.00	75.00	1530.00	6375.00
Prime Mover - ST/WT/Float	85	18.00	75.00	1530.00	6375.00
Prime Mover - ST/WT/Float	85	18.00	75.00	1530.00	6375.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	45	9.00	40.00	405.00	1800.00
SP Multi Tyred Roller	35	9.00	40.00	315.00	1400.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	20	5.00	25.00	100.00	500.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	630			9290.00	39925.00

Ward 0
Road Name Billericay East
Road Number 20
Section 9.00 to 13.00

Labour	Wages	\$ 21,390.00	
	Overheads	\$ 21,390.00	
Materials		\$ 19,250.00	
Plant Operating Costs		\$ 39,925.00	
TOTAL COSTS		\$ 101,955.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 9,290.00	
TOTAL COSTS		\$ 111,245.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
690	31.00	100%	21390.00	21390.00	42780.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Car Park Hockey (Hyden)** Road No _____ Section from _____ **0.00** km to _____ **0.00**

Description of Work **Gravel Sheeting** Location of Gravel **Mulchay** **Funds -To be determined**

Machine	Clearing		Forming shoulders		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader	4	4			25	25									29
Tandem Water Truck	2	2													2
Loader	4	4			20	20									24
Prime Mover - ST/WT/Float	4	4			20	20									24
Prime Mover - ST/WT/Float	4	4			20	20									24
Prime Mover - ST/WT/Float															0
Mtnce Truck															0
SP Vibe Roller	1	1			10	10									11
Self Propelled Multi Wheel					10	10									10
Tractor Broom															0
Backhoe					2	2									2
Crew Cab	2	2			6	6									8
															0
															0
Supervision / Admin															0
Total Labour Hours	21		0		113		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
RCP's				0.00
Cement				0.00
Guide Posts / Signs				0.00
Slabs				0.00
Wet Mix				0.00
Metal				0.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3			0.00
Gravel Royalties	M3	700	5	3500.00
				0.00
				0.00
Total Costs				3500.00

Number of Days Work 2.5

Have assumed Gravel to be supplied by CR Mulchay

No allowance for any embankment works other than pram ramp (Gravel Only), no removal or pruning of trees.

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	29	18.00	75.00	522.00	2175.00
Tandem Water Truck	2	8.00	50.00	16.00	100.00
Loader	24	16.00	60.00	384.00	1440.00
Prime Mover - ST/WT/Float	24	18.00	75.00	432.00	1800.00
Prime Mover - ST/WT/Float	24	18.00	75.00	432.00	1800.00
Prime Mover - ST/WT/Float	0	18.00	75.00	0.00	0.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	11	9.00	40.00	99.00	440.00
SP Multi Tyred Roller	10	9.00	40.00	90.00	400.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	2	9.00	50.00	18.00	100.00
Crew Cab	8	5.00	25.00	40.00	200.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	134			2033.00	8455.00

Ward 0
 Road Name Car Park Hockey (Hyden)
 Road Number 0
 Section 0.00 to 0.00

Labour	Wages	\$ 4,422.00	
	Overheads	\$ 4,422.00	
Materials		\$ 3,500.00	
Plant Operating Costs		\$ 8,455.00	
TOTAL COSTS		\$ 20,799.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 2,033.00	
TOTAL COSTS		\$ 22,832.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
134	33.00	100%	4422.00	4422.00	8844.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Higgins** Road No **92** Section from **2.10** km to **4.10**

Description of Work **Form and Gravel** Location of Gravel **Unknown** RCC

Machine	Silt Removal		Forming		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					80	80									80
Tandem Water Truck					70	70									70
Loader					70	70									70
Prime Mover - ST/WT/Float					70	70									70
Prime Mover - ST/WT/Float					70	70									70
Prime Mover - ST/WT/Float					70	70									70
Mtnce Truck															0
SP Vibe Roller					30	30									30
Self Propelled Multi Wheel					20	20									20
Tractor Broom															0
Backhoe															0
Crew Cab					15	15									15
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		495		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
RCP's				0.00
Cement				0.00
Guide Posts / Signs				0.00
Slabs				0.00
Wet Mix				0.00
Metal				0.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	3000	2	6000.00
Gravel Royalties	M3	3000	1.5	4500.00
				0.00
				0.00
Total Costs				10500.00

Number of Days Work	9
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Councillor James had this road on his list of roads to do 300m
 Upon inspection i believe there is approx 2 - 2.5km that is in need of gravel as it tends to turn slippery.
 Happy to be guided by CR James regarding this, given it is now a bus route

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	80	18.00	75.00	1440.00	6000.00
Tandem Water Truck	70	8.00	50.00	560.00	3500.00
Loader	70	16.00	60.00	1120.00	4200.00
Prime Mover - ST/WT/Float	70	18.00	75.00	1260.00	5250.00
Prime Mover - ST/WT/Float	70	18.00	75.00	1260.00	5250.00
Prime Mover - ST/WT/Float	70	18.00	75.00	1260.00	5250.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	30	9.00	40.00	270.00	1200.00
SP Multi Tyred Roller	20	9.00	40.00	180.00	800.00
Tractor Broom	0	0.00	25.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	15	5.00	25.00	75.00	375.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	495			7425.00	31825.00

Ward _____ 0
 Road Name Higgins
 Road Number 92
 Section 2.10 to 4.10

Labour	Wages	\$ 15,345.00	
	Overheads	\$ 15,345.00	
Materials		\$ 10,500.00	
Plant Operating Costs		\$ 31,825.00	
TOTAL COSTS		\$ 73,015.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 7,425.00	
TOTAL COSTS		\$ 80,440.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
495	31.00	100%	15345.00	15345.00	30690.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Hippo's Yawn** Road No _____ Section from _____ **0.00** km to _____ **0.00**

Description of Work **Drainage, construct and Seal entrance and Carpark** Location of Gravel _____ **RCC**

Machine	Clearing		Forming shoulders		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					40	40									40
Tandem Water Truck					30	30									30
Loader					15	15									15
Prime Mover - ST/WT/Float					15	15									15
Prime Mover - ST/WT/Float					15	15									15
Prime Mover - ST/WT/Float					15	15									15
Mtnce Truck															0
SP Vibe Roller					25	30									30
Self Propelled Multi Wheel					25	30									30
Tractor Broom															0
Backhoe															0
Crew Cab															0
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		180		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
300mm stormpro ribbed pipe	300	24	110	2640.00
Pre-Cast Headwalls	300	2	1500	3000.00
Installation/Labour/Plant		1	11000	11000.00
Stab Sand /Backfill	m3	8	400	3200.00
Wet Mix				0.00
Two coat Seal (10&5mm)	m2	2000	6.9	13800.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs		400	3	1200.00
Gravel Royalties		400	1.5	600.00
				0.00
				0.00
Total Costs				35440.00

Number of Days Work **5**

Bitumen Area for seal approx. 2000m2

Will need to try and stop water from passing over seal area by constructing levies

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	40	18.00	75.00	720.00	3000.00
Tandem Water Truck	30	8.00	50.00	240.00	1500.00
Loader	15	16.00	60.00	240.00	900.00
Prime Mover - ST/WT/Float	15	18.00	75.00	270.00	1125.00
Prime Mover - ST/WT/Float	15	18.00	75.00	270.00	1125.00
Prime Mover - ST/WT/Float	15	18.00	75.00	270.00	1125.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	30	9.00	40.00	270.00	1200.00
SP Multi Tyred Roller	30	9.00	40.00	270.00	1200.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	0	5.00	25.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	190			2550.00	11175.00

Ward _____ 0
 Road Name Hippo's Yawn
 Road Number _____ 0
 Section _____ 0.00 to _____ 0.00

Labour	Wages	\$ 5,940.00	
	Overheads	\$ 5,940.00	
Materials		\$ 35,440.00	
Plant Operating Costs		\$ 11,175.00	
TOTAL COSTS		\$ 58,495.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 2,550.00	
TOTAL COSTS		\$ 61,045.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
180	33.00	100%	5940.00	5940.00	11880.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Holland Track** Road No **89** Section from **1.47** km to **4.75**

Description of Work **Form and Gravel** Location of Gravel **Strother** **RCC**

Machine	Silt Removal		Forming		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					90	90									90
Tandem Water Truck					90	90									90
Loader					80	80									80
Prime Mover - ST/WT/Float					80	80									80
Prime Mover - ST/WT/Float					80	80									80
Prime Mover - ST/WT/Float					80	80									80
Mtnce Truck															0
SP Vibe Roller					40	40									40
Self Propelled Multi Wheel					40	40									40
Tractor Broom															0
Backhoe															0
Crew Cab					25	25									25
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		605		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
RCP's				0.00
Cement				0.00
Guide Posts / Signs				0.00
Slabs				0.00
Wet Mix				0.00
Metal				0.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	4000	2	8000.00
Gravel Royalties	M3	4000	1.5	6000.00
				0.00
				0.00
Total Costs				14000.00

Number of Days Work 10

Total distance 3.3km
 Assuming Gravel can be supplied by strother, CR smith to chase up
 SLK was done with CR Smith

 Have allowed for repair works on this road whilst carting

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	90	18.00	75.00	1620.00	6750.00
Tandem Water Truck	90	8.00	50.00	720.00	4500.00
Loader	80	16.00	60.00	1280.00	4800.00
Prime Mover - ST/WT/Float	80	18.00	75.00	1440.00	6000.00
Prime Mover - ST/WT/Float	80	18.00	75.00	1440.00	6000.00
Prime Mover - ST/WT/Float	80	18.00	75.00	1440.00	6000.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	40	9.00	40.00	360.00	1600.00
SP Multi Tyred Roller	40	9.00	40.00	360.00	1600.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	25	5.00	25.00	125.00	625.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	605			8785.00	37875.00

Ward 0
 Road Name Holland Track
 Road Number 89
 Section 1.47 to 4.75

Labour	Wages	\$ 19,965.00
	Overheads	\$ 19,965.00
Materials		\$ 14,000.00
Plant Operating Costs		\$ 37,875.00
TOTAL COSTS		\$ 91,805.00
Plant Depreciation Costs		\$ 8,785.00
TOTAL COSTS		\$ 100,590.00

NO DEPRECIATION
 WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
605	33.00	100%	19965.00	19965.00	39930.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Karlgarin Lake floodway** Road No **56** Section from _____ km to _____

Description of Work **Upgrade culverts and widen floodway** Location of Gravel _____ **RCC**

Machine	Clearing		Forming shoulders		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					10	10									10
Tandem Water Truck															0
Loader					10	10									10
Prime Mover - ST/WT/Float					10	10									10
Prime Mover - ST/WT/Float					10	10									10
Prime Mover - ST/WT/Float															0
Mtnce Truck															0
SP Vibe Roller					2	2									2
Self Propelled Multi Wheel															0
Tractor Broom															0
Backhoe															0
Crew Cab															0
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		42		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
RCP's	450	15	450	6750.00
Headwalls	450	2	1500	3000.00
Guide Posts / Signs				0.00
Slabs				0.00
Wet Mix				0.00
Metal				0.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	100	2	200.00
Gravel Royalties	M3	100	1.5	150.00
				0.00
				0.00
Total Costs				10100.00

Number of Days Work **1**

Existing culvert needs replacing, suggest we use the plastic pipes given the salt content. This will also allow us to widen this section (80m)

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	10	18.00	75.00	180.00	750.00
Tandem Water Truck	0	8.00	50.00	0.00	0.00
Loader	10	16.00	60.00	160.00	600.00
Prime Mover - ST/WT/Float	10	18.00	75.00	180.00	750.00
Prime Mover - ST/WT/Float	10	18.00	75.00	180.00	750.00
Prime Mover - ST/WT/Float	0	18.00	75.00	0.00	0.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	2	9.00	40.00	18.00	80.00
SP Multi Tyred Roller	0	9.00	40.00	0.00	0.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	0	5.00	25.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	42			718.00	2930.00

Ward 0
 Road Name Karlgarin Lake floodway
 Road Number 56
 Section 0.00 to 0.00

Labour	Wages	\$ 1,386.00
	Overheads	\$ 1,386.00
Materials		\$ 10,100.00
Plant Operating Costs		\$ 2,930.00
TOTAL COSTS		\$ 15,802.00
Plant Depreciation Costs		\$ 718.00
TOTAL COSTS		\$ 16,520.00

NO DEPRECIATION
 WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
42	33.00	100%	1386.00	1386.00	2772.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Cemetery Entrance and Car Park** Road No _____ Section from _____ **0.00** km to _____ **0.25**

Description of Work **Drainage, construct and Seal entrance and gravel Construct parking area** Location of Gravel **Sloan** RCC

Machine	Car Park		Forming shoulders		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader	30	30			15	15	30	30							75
Tandem Water Truck	20	20			15	15	20	20							55
Loader	20	20			15	15									35
Prime Mover - ST/WT/Float	20	20			15	15									35
Prime Mover - ST/WT/Float	20	20			15	15									35
Prime Mover - ST/WT/Float	20	20			15	15									35
Mtnce Truck															0
SP Vibe Roller	10	10			10	10	20	20							40
Self Propelled Multi Wheel	10	10			5	5	10	10							25
Tractor Broom															0
Backhoe															0
Crew Cab															0
															0
															0
Supervision / Admin															0
Total Labour Hours	150		0		105		80		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
375mm stormpro ribbed pipe	m	36	110	3960.00
Pre-Cast Headwalls	each	4	1500	6000.00
Installation/Labour/Plant		1	10000	10000.00
Stab Sand /Backfill	m3	8	400	3200.00
Wet Mix				0.00
Two coat Seal (10&5mm)	m2	3000	5.5	16500.00
Primer				0.00
Hot Bitumen				0.00
Survey Set out		1	3000	3000.00
Contractors				0.00
Gravel Costs		1000	2	2000.00
Gravel Royalties				0.00
				0.00
				0.00
Total Costs				44660.00

Number of Days Work 6

Seal is from Wilkins Road to cemetery gate (not inside cemetery grounds)

Price does not include proposed new wall

All works done in accordance with design

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	75	18.00	75.00	1350.00	5625.00
Tandem Water Truck	55	8.00	50.00	440.00	2750.00
Loader	35	16.00	60.00	560.00	2100.00
Prime Mover - ST/WT/Float	35	18.00	75.00	630.00	2625.00
Prime Mover - ST/WT/Float	35	18.00	75.00	630.00	2625.00
Prime Mover - ST/WT/Float	35	18.00	75.00	630.00	2625.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	40	9.00	40.00	360.00	1600.00
SP Multi Tyred Roller	25	9.00	40.00	225.00	1000.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	0	5.00	25.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	335			4825.00	20950.00

Ward 0

Road Name Cemetery Entrance and Car Park

Road Number 0

Section 0.00 to 0.25

Labour	Wages	\$ 11,055.00	
	Overheads	\$ 11,055.00	
Materials		\$ 44,660.00	
Plant Operating Costs		\$ 20,950.00	
TOTAL COSTS		\$ 87,720.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 4,825.00	
TOTAL COSTS		\$ 92,545.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
335	33.00	100%	11055.00	11055.00	22110.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Modesty Rock** Road No **88** Section from **7.50** km to **9.50**

Description of Work **Form and Gravel** Location of Gravel **Strother** **RCC**

Machine	Silt Removal		Forming		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					70	70									70
Tandem Water Truck					70	70									70
Loader					60	60									60
Prime Mover - ST/WT/Float					60	60									60
Prime Mover - ST/WT/Float					60	60									60
Prime Mover - ST/WT/Float					60	60									60
Mtnce Truck															0
SP Vibe Roller					30	25									25
Self Propelled Multi Wheel					20	15									15
Tractor Broom															0
Backhoe															0
Crew Cab					15	15									15
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		445		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
RCP's				0.00
Cement				0.00
Guide Posts / Signs				0.00
Slabs				0.00
Wet Mix				0.00
Metal				0.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	2500	2	5000.00
Gravel Royalties	M3	2500	1.5	3750.00
				0.00
				0.00
Total Costs				8750.00

Number of Days Work **7**

Total distance 2.0km
Assuming Gravel can be supplied by strother, CR smith to chase up
SLK was done with CR Smith

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	70	18.00	75.00	1260.00	5250.00
Tandem Water Truck	70	8.00	50.00	560.00	3500.00
Loader	60	16.00	60.00	960.00	3600.00
Prime Mover - ST/WT/Float	60	18.00	75.00	1080.00	4500.00
Prime Mover - ST/WT/Float	60	18.00	75.00	1080.00	4500.00
Prime Mover - ST/WT/Float	60	18.00	75.00	1080.00	4500.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	25	9.00	40.00	225.00	1000.00
SP Multi Tyred Roller	15	9.00	40.00	135.00	600.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	15	5.00	25.00	75.00	375.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	435			6455.00	27825.00

Ward 0
Road Name Modesty Rock
Road Number 88
Section 7.50 to 9.50

Labour	Wages	\$ 14,685.00
	Overheads	\$ 14,685.00
Materials		\$ 8,750.00
Plant Operating Costs		\$ 27,825.00
TOTAL COSTS		\$ 65,945.00
Plant Depreciation Costs		\$ 6,455.00
TOTAL COSTS		\$ 72,400.00

NO DEPRECIATION
WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
445	33.00	100%	14685.00	14685.00	29370.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Notting Karlgarin Floodway** Road No **6** Section from **0.50** km to **0.70**

Description of Work **Reconstruct and seal** Location of Gravel **Unknown** RCC

Machine	Clearing		Forming shoulders		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					15	15	20	20							35
Tandem Water Truck					10	10	10	10							20
Loader					10	10									10
Prime Mover - ST/WT/Float					10	10									10
Prime Mover - ST/WT/Float					10	10									10
Prime Mover - ST/WT/Float					10	10									10
Mtnce Truck															0
SP Vibe Roller					10	10	10	10							20
Self Propelled Multi Wheel					10	10	20	20							30
Tractor Broom															0
Backhoe															0
Crew Cab					10	10									10
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		95		60		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
RCP's				0.00
Cement				0.00
Guide Posts / Signs				0.00
Slabs				0.00
Wet Mix/Cement Stab	m2	2000	6.5	13000.00
Metal				0.00
Seal (2Coat 14/7mm)	m2	1800	5.5	9900.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	500	2	1000.00
Gravel Royalties	M3	500	1.5	750.00
				0.00
				0.00
Total Costs				24650.00

Number of Days Work	4
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Suggest that we cement stab sub- base to a depth of 200mm
Overlay with 150mm of new base course (Mix with Grader)

Should be able to scratch up metal left over from other roads

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	35	18.00	75.00	630.00	2625.00
Tandem Water Truck	20	8.00	50.00	160.00	1000.00
Loader	10	16.00	60.00	160.00	600.00
Prime Mover - ST/WT/Float	10	18.00	75.00	180.00	750.00
Prime Mover - ST/WT/Float	10	18.00	75.00	180.00	750.00
Prime Mover - ST/WT/Float	10	18.00	75.00	180.00	750.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	20	9.00	40.00	180.00	800.00
SP Multi Tyred Roller	30	9.00	40.00	270.00	1200.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	10	5.00	25.00	50.00	250.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	155			1990.00	8725.00

Ward 0
Road Name Notting Karlgarin Floodway
Road Number 6
Section 0.50 to 0.70

Labour	Wages	\$ 5,115.00	
	Overheads	\$ 5,115.00	
Materials		\$ 24,650.00	
Plant Operating Costs		\$ 8,725.00	
TOTAL COSTS		\$ 43,605.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 1,990.00	
TOTAL COSTS		\$ 45,595.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
155	33.00	100%	5115.00	5115.00	10230.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Roe** Road No **53** Section from **12.60** km to **15.60**

Description of Work **Form and Gravel** Location of Gravel **Marsh** RCC

Machine	Silt Removal		Forming		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					110	100									100
Tandem Water Truck					100	100									100
Loader					100	100									100
Prime Mover - ST/WT/Float					100	100									100
Prime Mover - ST/WT/Float					100	100									100
Prime Mover - ST/WT/Float					100	100									100
Mtnce Truck															0
SP Vibe Roller					40	40									40
Self Propelled Multi Wheel					30	30									30
Tractor Broom															0
Backhoe															0
Crew Cab					25	25									25
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		705		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
RCP's				0.00
Cement				0.00
Guide Posts / Signs				0.00
Slabs				0.00
Wet Mix				0.00
Metal				0.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	4000	2	8000.00
Gravel Royalties	M3	4000	1.5	6000.00
				0.00
				0.00
Total Costs				14000.00

Number of Days Work	12
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Section is from Worland road heading south.
 Totally length required is 12.60 - 19.70 (7km) - suggest this is done over 2 - 3 years

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	100	18.00	75.00	1800.00	7500.00
Tandem Water Truck	100	8.00	50.00	800.00	5000.00
Loader	100	16.00	60.00	1600.00	6000.00
Prime Mover - ST/WT/Float	100	18.00	75.00	1800.00	7500.00
Prime Mover - ST/WT/Float	100	18.00	75.00	1800.00	7500.00
Prime Mover - ST/WT/Float	100	18.00	75.00	1800.00	7500.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	40	9.00	40.00	360.00	1600.00
SP Multi Tyred Roller	30	9.00	40.00	270.00	1200.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	25	5.00	25.00	125.00	625.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	695			10355.00	44425.00

Ward _____ 0
 Road Name **Roe**
 Road Number **53**
 Section **12.60** to **15.60**

Labour	Wages	\$ 21,855.00	
	Overheads	\$ 21,855.00	
Materials		\$ 14,000.00	
Plant Operating Costs		\$ 44,425.00	
TOTAL COSTS		\$ 102,135.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 10,355.00	
TOTAL COSTS		\$ 112,490.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
705	31.00	100%	21855.00	21855.00	43710.00

Shire of Kondinin - Works Estimate Sheet

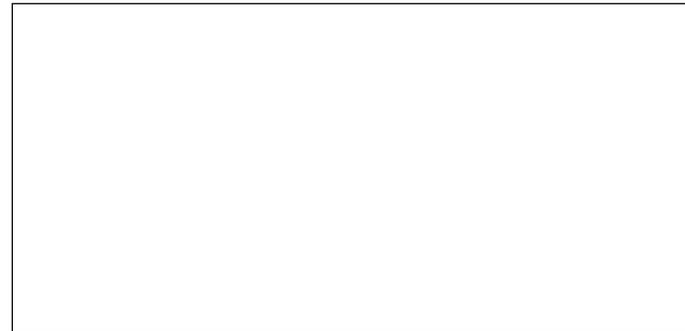
GL No: _____ Road Name **Sedgewick** Road No **71** Section from **0.00** km to **3.50**

Description of Work **Form and Gravel** Location of Gravel **Unknown** **RCC**

Machine	Silt Removal		Forming		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					110	110									110
Tandem Water Truck					90	90									90
Loader					100	100									100
Prime Mover - ST/WT/Float					100	100									100
Prime Mover - ST/WT/Float					100	100									100
Prime Mover - ST/WT/Float					100	100									100
Mtnce Truck															0
SP Vibe Roller					50	50									50
Self Propelled Multi Wheel					20	20									20
Tractor Broom															0
Backhoe															0
Crew Cab					25	25									25
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		695		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
RCP's				0.00
Cement				0.00
Guide Posts / Signs				0.00
Slabs				0.00
Wet Mix				0.00
Metal				0.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	4000	2	8000.00
Gravel Royalties	M3	4000	1.5	6000.00
				0.00
				0.00
Total Costs				14000.00

Number of Days Work **12**



Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	110	18.00	75.00	1980.00	8250.00
Tandem Water Truck	90	8.00	50.00	720.00	4500.00
Loader	100	16.00	60.00	1600.00	6000.00
Prime Mover - ST/WT/Float	100	18.00	75.00	1800.00	7500.00
Prime Mover - ST/WT/Float	100	18.00	75.00	1800.00	7500.00
Prime Mover - ST/WT/Float	100	18.00	75.00	1800.00	7500.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	50	9.00	40.00	450.00	2000.00
SP Multi Tyred Roller	20	9.00	40.00	180.00	800.00
Tractor Broom	0	0.00	25.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	25	5.00	25.00	125.00	625.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	695			10455.00	44675.00

Ward **0**
 Road Name **Sedgewick**
 Road Number **71**
 Section **0.00** to **3.50**

Labour	Wages	\$ 21,545.00	
	Overheads	\$ 21,545.00	
Materials		\$ 14,000.00	
Plant Operating Costs		\$ 44,675.00	
TOTAL COSTS		\$ 101,765.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 10,455.00	
TOTAL COSTS		\$ 112,220.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
695	31.00	100%	21545.00	21545.00	43090.00

Shire of Kondinin - Works Estimate Sheet

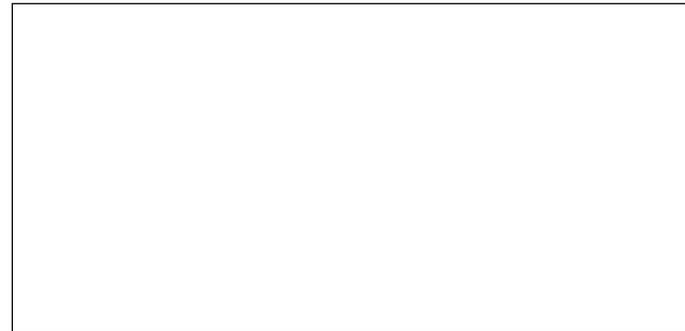
GL No: _____ Road Name **Tolland** Road No **11** Section from _____ km to _____

Description of Work **Gravel Sheeting** Location of Gravel **Staffords pit** R2R

Machine	Clearing		Forming shoulders		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					120	110									110
Tandem Water Truck					100	90									90
Loader					120	110									110
Prime Mover - ST/WT/Float					120	110									110
Prime Mover - ST/WT/Float					120	110									110
Prime Mover - ST/WT/Float					120	110									110
Mtnce Truck															0
SP Vibe Roller					40	40									40
Self Propelled Multi Wheel					20	20									20
Tractor Broom															0
Backhoe															0
Crew Cab					30	15									15
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		790		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
RCP's				0.00
Cement				0.00
Guide Posts / Signs				0.00
Slabs				0.00
Wet Mix				0.00
Metal				0.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	5500	2.5	13750.00
Gravel Royalties	M3	5500	1.5	8250.00
				0.00
				0.00
Total Costs				22000.00

Number of Days Work	12
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Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	110	18.00	75.00	1980.00	8250.00
Tandem Water Truck	90	8.00	50.00	720.00	4500.00
Loader	110	16.00	60.00	1760.00	6600.00
Prime Mover - ST/WT/Float	110	18.00	75.00	1980.00	8250.00
Prime Mover - ST/WT/Float	110	18.00	75.00	1980.00	8250.00
Prime Mover - ST/WT/Float	110	18.00	75.00	1980.00	8250.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	40	9.00	40.00	360.00	1600.00
SP Multi Tyred Roller	20	9.00	40.00	180.00	800.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	15	5.00	25.00	75.00	375.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	715			11015.00	46875.00

Ward _____ 0
 Road Name **Tolland**
 Road Number **11**
 Section **0.00** to **0.00**

Labour	Wages	\$ 26,070.00	
	Overheads	\$ 26,070.00	
Materials		\$ 22,000.00	
Plant Operating Costs		\$ 46,875.00	
TOTAL COSTS		\$ 121,015.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 11,015.00	
TOTAL COSTS		\$ 132,030.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
790	33.00	100%	26070.00	26070.00	52140.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Truck-Carpark Hyden** Road No _____ Section from _____ km to _____

Description of Work **Drainage, Reconstruct and seal** Location of Gravel **Unknown** RCC

Machine	Clearing		Forming shoulders		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					70	70	50	50							120
Tandem Water Truck					50	50	50	50							100
Loader					70	70									70
Prime Mover - ST/WT/Float					70	70									70
Prime Mover - ST/WT/Float					70	70									70
Prime Mover - ST/WT/Float					70	70									70
Mtnce Truck															0
SP Vibe Roller															0
Self Propelled Multi Wheel					30	30	30	30							60
Tractor Broom					10	10	30	30							40
Backhoe															0
Crew Cab					20	20									20
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		460		160		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
300mm Stormpro Ribbed Pipe	300	50	110	5500.00
Liners and lids	900	2	1500	3000.00
Installation/Labour and Plant		1	15000	15000.00
Slabs				0.00
Hire Possie	Days	10	350	3500.00
2 coat seal (10-5mm) Emulsion	m2	8000	6.5	52000.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	2000	2	4000.00
Gravel Royalties	M3	2000	1.5	3000.00
				0.00
				0.00
Total Costs				86000.00

Number of Days Work	13
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Approx 8000m2 in area
 This stage only includes area from main entrance to information bay heading in a easterly direction
 Final design has not been completed when submitting costings.

Have assumed gravel from Colin Nicholls

No allowance has been made for Toilets

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	120	18.00	75.00	2160.00	9000.00
Tandem Water Truck	100	8.00	50.00	800.00	5000.00
Loader	70	16.00	60.00	1120.00	4200.00
Prime Mover - ST/WT/Float	70	18.00	75.00	1260.00	5250.00
Prime Mover - ST/WT/Float	70	18.00	75.00	1260.00	5250.00
Prime Mover - ST/WT/Float	70	18.00	75.00	1260.00	5250.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	0	9.00	40.00	0.00	0.00
SP Multi Tyred Roller	60	9.00	40.00	540.00	2400.00
Tractor Broom	40	0.00	40.00	0.00	1600.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	20	5.00	25.00	100.00	500.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	620			8500.00	38450.00

Ward 0
 Road Name Truck-Carpark Hyden
 Road Number 0
 Section 0.00 to 0.00

Labour	Wages	\$ 20,460.00	
	Overheads	\$ 20,460.00	
Materials		\$ 86,000.00	
Plant Operating Costs		\$ 38,450.00	
TOTAL COSTS		\$ 165,370.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 8,500.00	
TOTAL COSTS		\$ 173,870.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
620	33.00	100%	20460.00	20460.00	40920.00

Shire of Kondinin - Works Estimate Sheet

GL No: _____ Road Name **Worland** Road No **54** Section from **1.66** km to **4.66**

Description of Work **Gravel Sheeting** Location of Gravel **Unknown** RCC

Machine	Clearing		Forming shoulders		Gravelling		Water Binding		Prime		Seal		Reseal		Total Machine Hours
	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	Labour	Machine	
Grader					130	115									115
Tandem Water Truck					100	100									100
Loader					120	110									110
Prime Mover - ST/WT/Float					120	110									110
Prime Mover - ST/WT/Float					120	110									110
Prime Mover - ST/WT/Float					120	110									110
Mtnce Truck															0
SP Vibe Roller					40	40									40
Self Propelled Multi Wheel					20	20									20
Tractor Broom															0
Backhoe															0
Crew Cab					30	30									30
															0
															0
Supervision / Admin															0
Total Labour Hours	0		0		800		0		0		0		0		0

Materials	Size	Quantity	Rate/Cost	Costs (\$)
Camping	1	1	4000	4000.00
Cement				0.00
Guide Posts / Signs		30	50	1500.00
Slabs				0.00
Wet Mix				0.00
Metal				0.00
Primer				0.00
Hot Bitumen				0.00
Fencing				0.00
Contractors				0.00
Gravel Costs	M3	5500	2.5	13750.00
Gravel Royalties	M3	5000	1.5	7500.00
				0.00
				0.00
Total Costs				26750.00

Number of Days Work	13
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Will work back from 4.66 to 1.66

Machine	Hours	Plant Depreciation Rates	Plant Operation Rates	Plant Depreciation Costs (\$)	Plant Operation Costs (\$)
Grader	115	18.00	75.00	2070.00	8625.00
Tandem Water Truck	100	8.00	50.00	800.00	5000.00
Loader	110	16.00	60.00	1760.00	6600.00
Prime Mover - ST/WT/Float	110	18.00	75.00	1980.00	8250.00
Prime Mover - ST/WT/Float	110	18.00	75.00	1980.00	8250.00
Prime Mover - ST/WT/Float	110	18.00	75.00	1980.00	8250.00
Mtnce Truck	0	5.00	25.00	0.00	0.00
SP Vibrating Roller	40	9.00	40.00	360.00	1600.00
SP Multi Tyred Roller	20	9.00	40.00	180.00	800.00
Tractor Broom	0	0.00	40.00	0.00	0.00
Backhoe	0	9.00	50.00	0.00	0.00
Crew Cab	30	5.00	25.00	150.00	750.00
	0	0.00	0.00	0.00	0.00
	0	0.00	0.00	0.00	0.00
Total Plant Costs	745			11260.00	48125.00

Ward 0
 Road Name Worland
 Road Number 54
 Section 1.66 to 4.66

Labour	Wages	\$ 26,400.00	
	Overheads	\$ 26,400.00	
Materials		\$ 26,750.00	
Plant Operating Costs		\$ 48,125.00	
TOTAL COSTS		\$ 127,675.00	NO DEPRECIATION
Plant Depreciation Costs		\$ 11,260.00	
TOTAL COSTS		\$ 138,935.00	WITH DEPRECIATION

Labour Hours	Labour Rate	Overheads Percentage	Labor Cost (\$)	Overheads Cost (\$)	Total Labour Cost (\$)
800	33.00	100%	26400.00	26400.00	52800.00

Shire of Kondinin
Plant & Equipment Replacement Schedule

Rego No	Year	Description	Changeover (Year)	Est'd Trade-in Value	Replacement Cost	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32
0 KN	2021	Toyota - Prado	1 year	60,000	70,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
KN 0	2022	Toyota - Prado	1 year	60,000	70,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
KN 04	2022	Subaru - Outlander	1 year	25,000	35,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
KN 49	2020	Toyota Hilux (All Purpose)	5 years	15,000	35,000				20,000						
KN 52	2022	Subaru - Outlander	2 years	25,000	35,000			10,000	10,000	10,000	10,000	10,000		10,000	
KN 54	2022	Subaru - Outlander (Doctors)	2 years	25,000	35,000		10,000	10,000	10,000	10,000	10,000	10,000		10,000	
KN 51	2021	Toyota Hilux (Depot)	3-4years	10,000	30,000					20,000			20,000		
KN 55	2018	Toyota Hilux (Grader)	3-4 years	10,000	30,000					20,000					
KN 56	2022	Toyota Hilux (Gardner)	3 years	10,000	30,000				20,000				20,000		
KN 61	2018	Toyota Hilux(Grader Hyden)	5 years	10,000	30,000					20,000					
KN 58	2016	Prime Mover	5-7 years	60,000	300,000	240,000								240,000	
KN 62	2016	Prime Mover	5-7 years	60,000	300,000			240,000							240,000
KN 77	2016	Prime Mover	5-7 years	60,000	300,000	240,000							240,000		
KN 57	2015	Isuzu - Tray Top - Mtce Truck	7-10 years	10,000	120,000			110,000							
KN 73	2011	Isuzu - Tray Top (8 Ton Truck)	7-10 years	20,000	110,000				90,000						
KN 60	2016	Mitsubishi - Tray Top - Dual Cab	7-10 years	8,000	70,000		65,000								
KN 89	2016	Mitsubishi - Tray Top - Dual Cab	7-10 years	30,000	70,000				65,000						
KN 63	2017	Isuzu - Tray Top (Hyden Gardener)	5-7 years	35,000	90,000						50,000				
KN 64	2016	John Deere 670G - Grader	7-8 years	150,000	470,000		320,000								
KN 65	2019	John Deere 620G - Grader	7-8 years	150,000	350,000								260,000		
KN 66	2020	John Deere 620G - Grader	7-8 years	110,000	350,000							200,000			
KN 81	2018	Caterpillar 12m - Grader	7-8 years	150,000	490,000					340,000					
KN 67	2021	John Deere 624K	6-7years	110,000	335,000						225,000				
KN 68	2019	SDLG - Loader	10 years	30,000	150,000								120,000		
KN72	2015	Bomag - Multi Roller	10 years	30,000	160,000			130,000							
KN78	2021	Dynapac - Vibe Roller	7 years	40,000	170,000						130,000				
KN 69	1999	Massey Ferguson-Tractor	10+ years	20,000	90,000				70,000						
KN 70	2003	Case - Tractor	10+ years	10,000	90,000				80,000						
KN3031	2022	Toro - Groundmaster 7210 (Hyden)	7 years	10,000	60,000	35,000						50,000			
KN 801	2021	Toro - Groundmaster 3300 Slasher	5-7 years	15,000	60,000						45,000				
KN 215	2018	Toro - Ride on Mower	7 years	10,000	50,000				40,000						
KN123	2014	JCB Backhoe	7 years	40,000	125,000				85,000						
KN 2106	2019	Side Tipper	10years	30,000	100,000							70,000			
KN 2418	2016	Side Tipper (bought second hand)	10 years	20,000	120,000					100,000				80,000	
KN 2111	2016	Side Tipper C/F	10 years	25,000	140,000	20,000	5,000								
KN 2107	2008	Semi Water Trailer	10 years	10,000	145,000					135,000				120,000	
KN 2108	2018	Float	10 years	10,000	145,000										150,000
KN 59	2016	Water Truck	7 years	40,000	140,000							100,000			
KN2457	2022	Plant Trailer	10 + years	2,000	15,000										13,000
KN 79		Community Bus		10,000	140,000		60,000								
		Skid Steer (with Attachments)					135,000								
Total						565,000	625,000	530,000	520,000	685,000	500,000	400,000	760,000	490,000	433,000

Community bus has \$70,000 in reserve to top up required funding
Instead of Road sweeper, propose to purchase skid steer with sweeper attachment and post hole borer
Price of Sidetipper has only increased by 5000 as funding will be carried forward (110,000). Total changeover 115,000