



Sheppersons Lane Att 1 Estimate

Sunshine Coast Council

Transport and Engineering
DESIGN SERVICES

PRINTED: 12/01/2012

<p>20948</p> <p>SHEPPERSONS LANE - KIN KIN</p> <p>RURAL ROAD RECONSTRUCTION</p> <p>APPROX. 1545m OF SEALED 8m WIDE FORMATION</p> <p>CHAINAGE 0.00 TO CHAINAGE 1545.00</p> <p>FROM POMONA KIN KIN ROAD TO KIN KIN QUARRY (Lot 258 MCH 187)</p>  <p>CHECKED: DATE:...../...../ 2011</p> <p>BRANCH MANAGER: DATE:...../...../ 2011</p>	 <p>Estimated On : 1/06/2011</p> <p>Estimated By : STEVE SIMPSON</p> <p>File Name : 20948</p> <p>DWG Number : 20948-1 TO 26</p>											
	<table border="1"> <tr> <td>INTERNAL (CIVIL) WORKS:</td> <td style="text-align: right;">\$616,416</td> </tr> <tr> <td>EXTERNAL (CIVIL) WORKS:</td> <td style="text-align: right;">\$197,213</td> </tr> <tr> <td>TOTAL (Civil) PROJECT COST (Built Now):</td> <td style="text-align: right;">\$788,861</td> </tr> <tr> <td>PROJECT BUDGET:</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>Estimate Confidence Level:</td> <td style="text-align: right;">95%</td> </tr> <tr> <td colspan="2" style="text-align: center;">(Refer Additional Info at End of Estimate)</td> </tr> </table>	INTERNAL (CIVIL) WORKS:	\$616,416	EXTERNAL (CIVIL) WORKS:	\$197,213	TOTAL (Civil) PROJECT COST (Built Now):	\$788,861	PROJECT BUDGET:	\$0	Estimate Confidence Level:	95%	(Refer Additional Info at End of Estimate)
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SCC	20948	SCC FINANCE Number :		C.A7636		
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MRD/SCC	ITEM DESCRIPTION	QTY.	UNIT	RATE	EXTERNAL	INTERNAL	SUB-TOTAL
1101	SITE FACILITIES & CAMP (Vol 2, MRS 11.28) CONSTRUCTION FACILITIES (Work site & material stockpiles, Preparation / Security / Removal / Cleanup) CONSTRUCT GROUND LEVEL(specify) WORKS (Supply & transport of personnel, plant, equipment etc)(DAY RATES)						
		12.0	weeks	\$600		\$7,200	lump sum \$23,400
		12.0	weeks	\$1,350		\$16,200	
1201	PROVISION FOR TRAFFIC (Vol 1, MRS 11.02) Traffic Management Plan, Preparation, Technical input and Delivery. Temporary vehicular Traffic Barriers , Hire / Place / Remove - including end treatments. Ground level Works, Staffed Traffic Control Onsite (DAY) including placement / removal of temporary signage.						
		1	lump sum			\$2,000	lump sum \$30,820
		12.0	weeks	\$500		\$7,220	
		12.0	weeks	\$1,800	\$21,600		
1316	ENVIRONMENTAL MANAGEMENT (Vol 2, MRS 11.51) CONTROL OF EROSION AND SEDIMENTATION Sediment Control Measures						
		1	lumpsum			\$10,000	lump sum \$10,000
2201	DRAINAGE, RETAINING STRUCTURES & PROTECTIVE TREATMENTS (MRD2200, Vol 1, MRS 11.03) SUPPLY OF PIPE CULVERT COMPONENTS GENERAL PIPE USAGE, 225-600 RRJ, 675-1800 EB, REFER PLANS FOR MATERIAL TYPES. 375 dia PIPE (CLASS 4) (RRJ) (Refer Plans for Specific Lengths)						
		25.00	m	\$60	\$1,500		lump sum \$1,500
				<u>(Get Quote!)</u>			
2263	INSTALLATION OF CULVERTS (MRD2221, Vol 1, MRS 11.03) INCLUDES SCRC ITEM (1350), RCP, FRC or PLASTIC, REFER CONSTRUCTION DWGS. INSTALLATION OF PIPES, 300dia. - 450dia. 375dia. PIPE (DAY RATES)						
		25.00	m	\$180.00			\$4,500
		25.00	m	\$180		\$4,500	
2317	PRECAST CONCRETE END STRUCTURES TO CULVERTS PRECAST HEADWALLS, TO SUIT 375mm dia. PIPE (Supply & Place)						
		7	each	\$1,000		\$7,000	lump sum \$7,000
2404	PAVEMENT DRAINAGE (MRD 2400, Vol 1, MRS 11.03) CONCRETE KERB & CHANNEL (32MPa/20) CONCRETE KERB & CHANNEL, BARRIER (B1)						
		200	m	\$80.00			\$16,000
		200	m	\$80		\$16,000	
2501	SUBSURFACE DRAINAGE (MRD 2500, Vol 1, MRS 11.03) SUB SOIL DRAINS, TYPE B (STD DWG SEQ R-140) SUBSOIL DRAIN (supply / lay / reinstate, onsite)						
		200	m	\$25.00			\$5,000
		200	m	\$25		\$5,000	
2643	PROTECTIVE TREATMENTS (MRD 2600, Vol 1, MRS 11.03) ROCK PROTECTION (Supply & Place)						
		45	m3	\$200		\$9,000	\$9,000

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SCC	20948	SCC FINANCE Number :				C.A7636	
MRD/SCC	ITEM DESCRIPTION	QTY.	UNIT	RATE	EXTERNAL	INTERNAL	SUB-TOTAL
	GENERAL EARTHWORKS (MRD 3100, Vol 1, MRS 11.04)						
3100	EARTHWORKS, EXCAVATION / EMBANKMENT / SUBGRADE TREATMENTS	6115	m3	\$40.00			\$244,600
	STRIPPING OF GRASS & TOPSOIL (0.15m deep x 14450m2)	2170	m3	\$40		\$86,800	
	GENERAL EXCAVATION, RIPPABLE MATERIAL (DESIGN 2830m3) - (STRIPPING 1000m3)	1830	m3	\$40		\$73,200	
	GENERAL EMBANKMENT, ON SUITABLE SURFACE (DESIGN 965m3) + (STRIPPING 1150m3)	2115	m3	\$40		\$84,600	
	CLEARING & GRUBBING (Tree roots / remaining clearing)	0	m2	\$40		\$0	
3101	CLEARING & GRUBBING						\$24,000
	TREE CLEARING (Input Affected Area and Quote/Total Cost, Rate is auto-calculated)	50	m2	\$120	\$6,000		
	CLEARING & GRUBBING (Tree roots / remaining clearing) (If left Zero, affected area is added to 3100 C&G above!)	500	m2	\$30	\$15,000		
	ONSITE MULCHING (Input Affected Area and Quote/Total Cost, Rate is auto-calculated)	500	m2	\$6	\$3,000		
3602	ENTRANCES TO PRIVATE PROPERTIES						\$9,000
	Rural Driveways (100mm Compacted type 2.5 gravel, <u>Minimum 1 Coat Seal</u>)(STD DWG R-056)	100	m2	\$50		\$5,000	
	CULVERT (In Table Drain) TO PRIVATE PROPERTIES - 15.86m/375dia.(Class 3) + 2 Headwalls(Stonepitching or Precast)	2	each	\$2,000	\$1,000	\$3,000	
3800	LANDSCAPING WORKS (Vol 1, MRS 11.16)						\$17,450
	IMPORTED PLANTING MEDIA (Topsoil, Supply and Place, Nominal 50mm thick)	150	m3	\$55		\$8,250	
	GRASS SEEDING (Minimum Topsoil, see above, is auto-calculated)	3100	m2	\$2		\$6,200	
	General Planting (Trees) (SUPPLY & PLACE)	10	each	\$300		\$3,000	
	UNBOUND PAVEMENTS (MRD 4100, Vol 1, MRS 11.05) (not including driveways)						
4103	BASE, UNBOUND PAVEMENT (placement only, no supply cost)	3140	m3	\$70.00			\$219,800
	Type 2.1 (CBR 80) Compacted Gravel Pavement (250mm x 11980m2)	2995	m3	\$70.00		\$209,650	
	Type 2.1 Compacted Gravel Pavement Cement Treated Base (CTB) (250mm x 570m2)	145	m3	\$70.00		\$10,150	
	ROAD FURNITURE (MRD 6100, Vol 1, MRS 11.14)						
6111	ROAD EDGE GUIDE POSTS (Refer MRD 1356)	140	each	\$30	\$2,100	\$2,100	\$4,200
6120	GENERAL ROAD GUIDANCE SYSTEMS (Refer MRD 1360-62)						\$2,400
	SUPPLY OF NOMINAL SIZED ROAD SIGNS (FACES ONLY)	20	each	\$60		\$1,200	
	INSTALLATION OF SIGNS (Assembly of Face & Post, Installation in Footpath area)	20	each	\$60		\$1,200	
6181	FENCING						\$28,250
	GATES, REINSTALL EXISTING	1	each	\$250	\$250		
	RELOCATE EXISTING FENCING, REFER PLANS FOR DETAILS (TAKE UP / STOCKPILE & REINSTALL)	560	m	\$50	\$28,000		
6300	PAVEMENT MARKING (Vol 2, MRS 11.45)						\$8,500
	LONGITUDINAL LINE MARKING (Barrier / Divided / Lane / Edge lines, single 80mm to 100mm)	4500	m	\$1.50		\$6,750	
	RETROREFLECTIVE RAISED PAVEMENT MARKER	250	each	\$7.00		\$1,750	
8901	QUALITY ASSURANCE (Vol 2, MRS 11.50)						\$9,981
	TESTING, INCLUDING GEOMETRICS & BOOK KEEPING	1.5%	item	\$665,420		\$9,981	
8915	CONSULTANT FEES - GEOTECHNICAL INVESTIGATION, Specify.	1	lump sum		\$5,000		\$5,000
	EXISTING SERVICE RELOCATIONS AND ALTERATIONS						
9003	ALTERATIONS TO EXISTING TELECOMMUNICATION SERVICES						\$5,000
	ALTERATION / RELOCATION OF EXISTING SERVICE LINES (NOMINAL)	1	lump sum	\$5,000	\$5,000		
9004	ALTERATIONS TO EXISTING ENERGY SUPPLY SERVICES						\$5,000
	LIVE OVERHEAD PROXIMITY - TIGER TAILS, SUPPLIED AND INSTALLED ONSITE		item		\$5,000		
9050	AFTER HOURS "Call Out"						Provisional
	PLAN SPECIFIC CONSTRUCTION ITEMS						

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9053	ALTERATIONS TO EXISTING STORMWATER ENDWALLS	1	lump sum	\$4,000	(edit)	\$4,000	\$4,000
9060	TIP FEES (SCRC)		lump sum				\$15,465
	1101 - Site Office rubbish etc.	2.5%	item	\$23,400		\$585	
	1316 - Used Sediment & Erosion materials etc	2.5%	item	\$10,000		\$250	
	3100 - Earthworks, Excavation / Embankment / Subgrade (3101+3103)	5.0%	item	\$244,600		\$12,230	
	3101 - Contract Tree felling etc.	10.0%	item	\$24,000		\$2,400	
					EXTERNAL	INTERNAL	
CONSTRUCTION TOTALS:					\$197,213	\$616,416	\$709,866
APPLICABLE FEES							
9100	SUPERVISION OF CONSTRUCTION (INSPECTOR)	1.25%	item			\$8,873	
9101	URBAN DESIGN ADVICE/DOCUMENTATION (2010-2011)	1.50%	item	(edit)	\$0	\$0	
9101	CIVIL DESIGN & DOCUMENTATION (E-external, I-internal) (2010-2011)	1.00%	item	I		\$7,099	
9101	SITE SURVEY (E-external, I-internal) (SURVEYED ?/2011) (SETOUT 2010-2011)	0.60%	item	I		\$4,259	
9104	PROJECT MANAGEMENT FEES (2010-2011)		item	(both)	\$0	\$0	
	Qleave (Internal Construction Cost of \$80,000 or Greater, Apply 0.525%)(2010-2011)		item		\$3,727		
FEE TOTALS:					\$3,727	\$20,231	\$23,958
9103	MANAGEMENT RESERVE FUNDS (Management approval required prior to use)	7.50%	Item				\$55,037
PROJECT COST (without seal and pavement):							\$788,861
(Insert Page Break)							
50% OF PROJECT COST (without seal and road base)							\$394,431
5141	SPRAYED BITUMENOUS SURFACING (MRD5100, Vol 1, MRS 11.11) TWO COAT SEAL (MRD5404, MRS11.30, Vol2)	12550	m2	\$7.00			\$87,850
TOTAL COUNCIL CONTRIBUTION (with bitumen seal)							\$482,281