

PARKS STANDARD EMBELLISHMENT COST - LGIP 2016.

Item - description			Revised 2015 quantities and unit rates						Cost per park				
Embellishments	Item	Type/example	Unit Rate (\$/unit of measure)	Unit of measure	Quantity Rec District Park	Quantity Rec SSCW Park	Quantity Sports District Park	Quantity Sports SSCW Park	Quantity Rec District Park	Quantity Rec SSCW Park	Quantity Sports District Park	Quantity Sports SSCW Park	Notes
Earthworks	Drainage - Landscape	Subsurface drainage incl polypipe and gravel - (dependent on topography, soil & flood risk).	\$26.74	m	500	840	500	840	\$13,368	\$22,458	\$13,368	\$22,458	Subsoil Drain 100mm Poly pipe rate from Cardno_SCC Roads and Bridges Unit Rates - email 20150622.
	Garden bed Irrigation	Polypipe.	\$53.43	m	280	540	0	0	\$14,961	\$28,854	\$0	\$0	Original 2012 rate + CPI increase to 2015
	Rain water tanks	Plastic/concrete 25,000l	\$11,419.95	each	4	8	4	8	\$45,680	\$91,360	\$45,680	\$91,360	Parks Units Rates GHD 1206201 = 2.5 x cost of 10,000l concrete tank = 25,000l water storage
	retaining walls	Dry stone or Concrete/stone, one metre high with footings. Free standing or retaining	\$409.59	m	50	200	0	0	\$20,479	\$81,917	\$0	\$0	Lineal metre rate assumed 1 metre average height - used block retaining wall rate from Cardno_SCC Roads and Bridges Unit Rates - email 20150622.
	Mounds	1 to 3m earth mound and land forms, TURF Covered orplanted.	\$1,068.66	each	6	10	1	2	\$6,412	\$10,687	\$1,069	\$2,137	Original 2012 rate + CPI increase to 2014
	Weed free	Removal of declared and environmental weeds	\$5.34	m2	16,667	50,000	50,000	66,667	\$89,055	\$267,164	\$267,164	\$356,219	Original 2012 rate + CPI increase to 2015
Landscape planting		25L for shade at playgrounds, playspaces and feature plants.	\$300.00	each	50	200	50	200	\$15,000	\$60,000	\$15,000	\$60,000	As per IS email 28/09/2015.
		Mass planting and edging	\$69.46	m2	2,000	5,000	1,000	2,000	\$138,925	\$347,313	\$69,463	\$138,925	Original 2012 rate + CPI increase to 2015
		Revegetation Planting , Tubestock and bank stabilisation.	\$32.06	m2	500	2,000	500	2,000	\$16,030	\$64,119	\$16,030	\$64,119	Original 2012 rate + CPI increase to 2015
Signage (name/info)		Park name sign	\$1,500.00	each	2	4	2	4	\$3,000	\$6,000	\$3,000	\$6,000	As per IS email 28/09/2015.
General signage	(including interpretive, directional and regulatory)	1 package – 2 anodised aluminium regulatory sign	\$14,336.38	per package	2	8	2	8	\$28,673	\$114,691	\$28,673	\$114,691	Parks Units Rates GHD 12062015
Roads / carparking	Vehicle access/road (internal/fire management/ emergency vehicles)	Developed: Sealed internal road access to a park 6m wide with kerb and guttering.	\$556.00	m	60	100	300	500	\$33,360	\$55,600	\$166,800	\$278,000	Based on 6 metre seal on a 8m formation with CKC both sides - unit rates from Cardno_SCC Roads and Bridges Unit Rates - email 20150622
		Natural: Unsealed/formed roadway.											
	Car parking (on-site)	Sealed & line marked car parking bays within a park including sub surface preparation.	\$1,283.00	\$/car parking bay of 3m x 6m	20	50	100	200	\$25,660	\$64,150	\$128,300	\$256,600	Based on a 6m x 3 m parking bay with 3m kerb and channel rates from Cardno_SCC Roads and Bridges Unit Rates - email 20150622

PARKS STANDARD EMBELLISHMENT COST - LGIP 2016.

Item - description			Revised 2015 quantities and unit rates					
Embellishments	Item	Type/example	Unit Rate (\$/unit of measure)	Unit of measure	Quantity Rec District Park	Quantity Rec SSCW Park	Quantity Sports District Park	Quantity Sports SSCW Park
	Vehicle barriers/bollards	Bollard and rail (wood/recycled/metal/plastic) free standing. 1.5m centres	\$94.89	each	200	200	300	500
Integrated entry statements,		1 unit	\$21,373.13	each	1	2	0	0

Cost per park				
Quantity Rec District Park	Quantity Rec SSCW Park	Quantity Sports District Park	Quantity Sports SSCW Park	Notes
\$18,978	\$18,978	\$28,467	\$47,445	Parks Units Rates GHD 12062015
\$21,373	\$42,746	\$0	\$0	Original 2012 rate + CPI increase to 2015

PARKS STANDARD EMBELLISHMENT COST - LGIP 2016.

Item - description			Revised 2015 quantities and unit rates					
Embellishments	Item	Type/example	Unit Rate (\$/unit of measure)	Unit of measure	Quantity Rec District Park	Quantity Rec SSCW Park	Quantity Sports District Park	Quantity Sports SSCW Park
Pathways	Bicycle racks	Group of 3 bike rails on base slab	\$1,582.56	each (set of three)	3	6	6	10
	Footpath/bike way (internal)	Bike and pedestrian path Concrete 125mm thick reinforced	\$83.75	per m2	1,125	1,500	625	1,250
	Footpath/bike way (external link)	Bike and pedestrian path Concrete 125mm thick - assume 3m wide - per kilometer = 3000m2/km	\$83.75	\$/m2	900	1,500	750	1,250
	Bridges	Assume 10m long by 3m wide @ \$330/m2	\$63,074.17	each	1	3	1	2
	Boardwalks	allowance per km based on 3m wide	\$1,090.91	\$/m2	0	150	0	0
Seating	Seat	Park bench and rock wall seat	\$2,070.27	each	13	20	0	0
	Table and seat	Table and bench combo,	\$5,377.34	each	10	15	2	5
Shelters	Small	4m x 4m timber/metal structure on base slab lit.	\$10,332.72	Per item	2	4	0	0
Picnic table/shelters	Large	timber/metal structure on base slab lit.	\$31,091.89	Per item	2	3	0	0
Drinking Fountains/ water refill fountains		Electro polished stainless steel inc base slab, underground plumbing drainage.	\$4,705.85	Per item	2	3	2	4
Barbecues		Double with concrete slab, power, small shelter etc	\$18,287.63	Per item	2	4	0	0
Toilets		Toilet block	\$213,731.34	Per item	1	2	1	1
Toilets	Changing places/toilet facility	equal access change facilities and toilets	\$363,731.34	per item	0.1	0.1		
Skate park		Local	\$135,000.00	Per item	0	0	0	0
		District	\$325,000.00	Per item	0.5	0	0	0
		SSCW	\$600,000.00	Per item	0	0.5	0	0

Cost per park				
Quantity Rec District Park	Quantity Rec SSCW Park	Quantity Sports District Park	Quantity Sports SSCW Park	Notes
\$4,748	\$9,495	\$9,495	\$15,826	Parks Units Rates GHD 12062015
\$94,224	\$125,632	\$52,347	\$104,693	Cardno_SCC Roads and Bridges Unit Rates - email 20150622
\$75,379	\$125,632	\$62,816	\$104,693	Parks Units Rates GHD 12062015
\$63,074	\$189,223	\$63,074	\$126,148	Cardno_SCC Roads and Bridges Unit Rates - email 20150622 = 30m2 / 2.1m wide = 14 metres.
\$0	\$163,636	\$0	\$0	Cardno_SCC Roads and Bridges Unit Rates - email 20150622 Timber boardwalk single ss handrail rate m rate / 2.1 m width = / m2.
\$26,914	\$41,405	\$0	\$0	Parks Units Rates GHD 12062015
\$53,773	\$80,660	\$10,755	\$26,887	Parks Units Rates GHD 12062015
\$20,665	\$41,331	\$0	\$0	Parks Units Rates GHD 12062015
\$62,184	\$93,276	\$0	\$0	Parks Units Rates GHD 12062015
\$9,412	\$14,118	\$9,412	\$18,823	Parks Units Rates GHD 12062016
\$36,575	\$73,151	\$0	\$0	Parks Units Rates GHD 12062017
\$363,731	\$727,463	\$363,731	\$363,731	Original 2012 rate + CPI increase to 2015
\$36,373	\$36,373	\$0	\$0	As per IS email 28/09/2015.
\$0	\$0	\$0	\$0	Costs from IS Parks and Gardens email dated 29/07/2015
\$162,500	\$0	\$0	\$0	Costs from IS Parks and Gardens email dated 29/07/2016
\$0	\$300,000	\$0	\$0	Costs from IS Parks and Gardens email dated 29/07/2017

PARKS STANDARD EMBELLISHMENT COST - LGIP 2016.

Item - description			Revised 2015 quantities and unit rates						
Embellishments	Item	Type/example	Unit Rate (\$/unit of measure)	Unit of measure	Quantity Rec District Park	Quantity Rec SSCW Park	Quantity Sports District Park	Quantity Sports SSCW Park	
Playspace/ youth/ fitness equipment	Site; Flat well drained play area – levelling. Requires adequate drainage	Play space and surrounds. \$10,000 – 300m2	\$35.62	per m2	500	1,000	300	500	
	Softfall – mainly use immediately around each element, not	Package 1 sand/mulch	\$50.48	m2	600	600	300	600	
		Package 2 rubber softfall	\$177.04	m2	0	300	0	0	
	Play elements - Infrastructure and land form	Small - 3 elements or 2 elements + 1 mound and 1 retaining wall.	\$10,106.79	Per item	0	0	0.5	1	
		Medium - 5 elements or 3 elements + 1 mound and 1 retaining wall.	\$22,161.75	Per item	1	0	0	0	
		Large - 8 elements or 5 elements + 1 mound and 1 retaining wall.	\$57,014.64	Per item	0	1	0	0	
	Shade	Local	\$122.90	m2	0	0	300	600	
		District	\$122.90	m2	600	0	0	0	
		SSCW	\$122.90	m2	0	900	0	0	
		½ basketball, concrete	Upright post, back board concrete play surface.	\$26,672.99	Per item	1	2	0	0
		outdoor table tennis	Steel outdoor table tennis table.	\$20,000.00	Per item	1	1	0	0
		outdoor chess	2m x 2m durable (concrete/marble surface) durable plastic pieces.	\$10,000.00	Per item	0	0	0	0
	exercise equipment	3 Static elements.	\$11,586.46	Per item	1	2	0	0	
		3 stations x three elements at each station – kinetic	\$63,527.50	Per item	0.5	1.5	0	0	
Lighting/ security lighting	Recreation parks	Streetlight, LED.	\$4,553.39	Per item	6	12	0	0	
	Sports grounds	Sports field lighting. 150 lux	\$106,459.01	each	0	0	7	10	
	3 phase power		\$9,100.00	each	0.5	1	1	1	
Fenced dog park –		includes sign, fencing, water supply seat & shelter dog bowl, seat, 40x20m, play equipment	\$120,000.00	each	0.8	1.2	0	0	
Landscape/ gardens	Trees Turf Planter box Edging	Basic Garden bed with drought resistant plants, mulch, edging temporary irrigation, mounding and drainage. Will ultimately	\$39.54	per m2	3,000	5,000	500	1,000	

Cost per park				
Quantity Rec District Park	Quantity Rec SSCW Park	Quantity Sports District Park	Quantity Sports SSCW Park	Notes
\$17,811	\$35,622	\$10,687	\$17,811	Original 2012 rate + CPI increase to 2015
\$30,288	\$30,288	\$15,144	\$30,288	Parks Units Rates GHD 12062015
\$0	\$53,112	\$0	\$0	Parks Units Rates GHD 12062015
\$0	\$0	\$5,053	\$10,107	Parks Units Rates GHD 12062015
\$22,162	\$0	\$0	\$0	Parks Units Rates GHD 12062015
\$0	\$57,015	\$0	\$0	Parks Units Rates GHD 12062015
\$0	\$0	\$36,870	\$73,740	Parks Units Rates GHD 12062015
\$73,740	\$0	\$0	\$0	Parks Units Rates GHD 12062015
\$0	\$110,610	\$0	\$0	Parks Units Rates GHD 12062015
\$26,673	\$53,346	\$0	\$0	Parks Units Rates GHD 12062015
\$20,000	\$20,000	\$0	\$0	IS advice as per recent install
\$0	\$0	\$0	\$0	IS advice as per recent install
\$11,586	\$23,173	\$0	\$0	Parks Units Rates GHD 12062015
\$31,764	\$95,291	\$0	\$0	Parks Units Rates GHD 12062015
\$27,320	\$54,641	\$0	\$0	Parks Units Rates GHD 12062015
\$0	\$0	\$745,213	\$1,064,590	Parks Units Rates GHD 12062015
\$4,550	\$9,100	\$9,100	\$9,100	Parks Units Rates GHD 12062015
\$96,000	\$144,000	\$0	\$0	IS advice as per recent install
\$118,621	\$197,701	\$19,770	\$39,540	Original 2012 rate + CPI increase to 2015

PARKS STANDARD EMBELLISHMENT COST - LGIP 2016.

Item - description			Revised 2015 quantities and unit rates						Cost per park				
Embellishments	Item	Type/example	Unit Rate (\$/unit of measure)	Unit of measure	Quantity Rec District Park	Quantity Rec SSCW Park	Quantity Sports District Park	Quantity Sports SSCW Park	Quantity Rec District Park	Quantity Rec SSCW Park	Quantity Sports District Park	Quantity Sports SSCW Park	Notes
Sports grounds	Multi purpose fields – drainage, materials, cut and fill, top soil, seed, turf, irrigation and fencing.	1 large circular field (AFL field) 2.17ha. Does not including lights	\$1,728,405.00	each	0	0	1	2	\$0	\$0	\$1,728,405	\$3,456,810	IS estimate for development of 1 ha sports field, m2 rate applied to various fld areas.
		Senior rectangle field 1.008 ha. Does not including lights	\$802,872.00	each	0	0	2	4	\$0	\$0	\$1,605,744	\$3,211,488	IS estimate for development of 1 ha sports field, m2 rate applied to various fld areas.
		1 junior field 0.245 ha.	\$195,142.50	each	0	0	2	3	\$0	\$0	\$390,285	\$585,428	IS estimate for development of 1 ha sports field, m2 rate applied to various fld areas.
	Multi purpose courts	Not including fencing	\$58,326.14	each	0	0	4	8	\$0	\$0	\$233,305	\$466,609	Parks Units Rates GHD 12062015
	Storage sheds	Small 20x18	\$120,000.00	each	0	0	2	2	\$0	\$0	\$240,000	\$240,000	As per IS email 28/09/2015.
	Storage sheds	Large 35x18m	\$220,000.00	each	0	0	0	1	\$0	\$0	\$0	\$220,000	As per IS email 28/09/2015.
	change rooms	2 change rooms	\$350,000.00	each	0	0	1	1	\$0	\$0	\$350,000	\$350,000	As per IS email 28/09/2015.
	Spectator seating	Sheltered stadium seating frame.	\$4,274.63	each	0	0	1	2	\$0	\$0	\$4,275	\$8,549	Original 2012 rate + CPI increase to 2015
Bus set down	Bus stop signs, no shelter	\$2,671.64	each	1	1	1	1	\$2,672	\$2,672	\$2,672	\$2,672	Original 2012 rate + CPI increase to 2015	
Rubbish bins – both waste and recycling		Sulo rail and post	\$534.33	each	2	0	2	4	\$1,069	\$0	\$1,069	\$2,137	Original 2012 rate + CPI increase to 2015
		Bin enclosures	\$3,740.30	each	2	4	2	4	\$7,481	\$14,961	\$7,481	\$14,961	Original 2012 rate + CPI increase to 2015
Fencing – steel guage fence, 23 mm round/square post, hardwood not pine		Required to separate playgrounds from busy roads, pathways etc	\$130.83	m	40	60	200	400	\$5,233	\$7,850	\$26,166	\$52,332	Parks Units Rates GHD 12062015
Beach Showers		Single post design.	\$6,429.11	each	2	3	0	0	\$12,858	\$19,287	\$0	\$0	Parks Units Rates GHD 12062015
Design (Master Plan, concept plan and detailed design)		Detailed design		each	0	0	0	0	\$0	\$0	\$0	\$0	
		Concept Plan & Design		each	1	0	1	0	\$0	\$0	\$0	\$0	
		Masterplan		each	0	1	0	1	\$0	\$0	\$0	\$0	
Serviced site – water, sewerage, electricity		Electricity	\$2,400.00	m	20	100	50	100	\$48,000	\$240,000	\$120,000	\$240,000	Original 2012 rate.
		Above ground			0	0	0	0	\$0	\$0	\$0	\$0	
		Underground			0	0	0	0	\$0	\$0	\$0	\$0	
TOTAL COST PER PARK									\$2,058,334	\$4,466,100	\$6,905,880	\$12,294,919	