



SALT PAN CREEK RESERVE, RIVERWOOD

APPENDIX

ATTACHMENTS

A Order of Costs

0.1 McLaughlin Fields

McLaughlin Fields

No.	Item	Quantity	Unit	Rate	Cost
0.0 PRELIMINARY					
0.1	Survey and geotech / contamination investigations		Allowance		\$100,000.00
0.1	Design allowance (10%)		Allowance		\$1,192,239.25
0.1	Site establishment (12%)		Allowance		\$1,430,687.10
0.2	Contingency (15%)		Allowance		\$1,788,358.88
Sub total					\$4,511,285.23
1.0 DEMOLITION & EARTHWORKS					
1.1	Remove existing pavement	10466.5	m2	\$35.00	\$366,327.50
1.2	Miscellaneous demolition	1	Item		\$75,000.00
1.3	Earthworks -cut to fill	0	m3	\$30.00	\$0.00
1.4	Earthworks -cut and remove	0	m3	\$60.00	\$0.00
1.5	Earthworks -imported fill	6688.6	m3	\$25.00	\$167,215.00
Sub total					\$608,542.50
2.0 ACCESS AND PARKING WORKS					
2.1	Asphalt pavement to roadways and parking	3997	m2	\$200.00	\$799,400.00
2.2	line marking for parking space	317	lm	\$35.00	\$11,095.00
2.3	Shared paths 3.0m		Lin m	\$400.00	\$0.00
2.4	Shared paths 3.0m adjoining roadway	460	Lin m	\$650.00	\$299,000.00
2.5	Supporting paths 1.8m	1016	Lin m	\$200.00	\$203,200.00
2.6	Drainage works at paths		Allowance	\$0.00	\$300,000.00
2.7	North boardwalk upgrade	100	Lin m	\$750.00	\$75,000.00
2.8	New boardwalk link	150	m2	\$2,250.00	\$337,500.00
2.9	Lighting to paths (shared and supporting at 30m centres)	50	Item	\$4,000.00	\$200,000.00
Sub total					\$2,225,195.00
3.0 NPL STADIUM					
3.1	NPL standard synthetic field including preparation, base and drainage	1	No	\$1,750,000.00	\$1,750,000.00
3.2	Integrated Stand and Amenities building	1	No	\$2,500,000.00	\$2,500,000.00
	Lighting		Allowance		\$750,000.00
3.3	Palisade perimeter fence	610	No	\$250.00	\$152,500.00
3.4	Paths and internal furniture		Allowance		\$250,000.00
Sub total					\$5,402,500.00

4.0 SUPPORTING FIELDS					
3.1	Two football fields grassing drainage and establishment	1	Allowance		\$700,000.00
3.2	Field lighting (2 fields)		Allowance		\$370,000.00
Sub total					\$1,070,000.00
5.0 PARKLAND FACILITIES & FURNITURE					
5.1	Park furniture	1	No	\$40,000.00	\$40,000.00
5.2	Local children playground upgrade	1	No	\$200,000.00	\$200,000.00
5.3	Wayfinding signage	1	No	\$75,000.00	\$75,000.00
Sub total					\$315,000.00
6.0 PLANTING WORKS					
6.1	Maintained grass cover with shade tree planting (35L)	50000	m2	\$32.00	\$1,600,000.00
6.2	Nodal and feature trees		Allowance		\$50,000.00
6.3	Bushland regeneration	18113	m2	\$35.00	\$633,955.00
6.4	75 L Tree planting and installation to parking	11.0	No	\$200.00	\$2,200.00
Sub total					\$2,286,155.00
7.0 ESTABLISHMENT					
7.1	Plant establishment 6 months	6	Months	2500	\$15,000.00
Sub total					\$15,000.00
TOTAL - WORKS (Items 2 to 7)					\$11,922,392.50
TOTAL - INCL PRELIMS					\$16,433,677.73

0.2 Salt Pan Parklands

Salt Pan Parklands

No.	Item	Quantity	Unit	Rate	Cost
0.0 PRELIMINARY					
0.1	Survey and geotech / contamination investigations	1	Allowance	\$250,000.00	\$250,000.00
0.2	Design allowance (10%)		Allowance		\$2,717,142.30
0.3	Civil earthworks design	1	Allowance	\$100,000.00	\$100,000.00
0.4	Site establishment (8%)		Allowance	\$0.00	\$3,922,141.84
0.5	Contingency (10%)		Allowance	\$0.00	\$4,902,677.30
	Sub total				\$11,891,961.44
1.0 DEMOLITION & EARTHWORKS					
1.1	Remove existing pavement	6665	m2	\$35.00	\$233,275.00
1.2	Miscellaneous demolition		Item		\$75,000.00
1.3	Earthworks -cut to fill	8320	m3	\$30.00	\$249,600.00
1.4	Earthworks -cut and remove	0	m3	\$60.00	\$0.00
1.5	Earthworks -imported fill	851899	m3	\$25.00	\$21,297,475.00
	Sub total				\$21,855,350.00
2.0 ACCESS AND PARKING WORKS					
2.1	New Asphalt pavement to roadways and parking	11105	m2	\$200.00	\$2,221,000.00
2.2	New concrete pavement		m2	\$200.00	\$0.00
2.3	line marking for parking space	317	lm	\$35.00	\$11,095.00
2.4	Shared paths 3.0m	3830	Lin m	\$400.00	\$1,532,000.00
2.5	Supporting paths 1.8m	2605	Lin m	\$240.00	\$625,200.00
2.6	Lighting to paths (shared and supporting at 30m centres	215	Item	\$4,000.00	\$860,000.00
2.7	New boardwalk	348	m2	\$2,250.00	\$783,000.00
2.8	Concrete Stairs 1.8m wide	24.3	Lin m	\$1,500.00	\$36,450.00
2.9	Drainage allowance	1	Allowance	\$450,000.00	\$450,000.00
	Sub total				\$4,297,745.00
3.0 AMENITIES					
3.1	Central Amenities Block	1	Item	\$2,000,000.00	\$2,000,000.00
	Plaza landscape	1	Item	\$100,000.00	\$100,000.00
3.3	Toilets Block to play space / adventure precinct	1	Item	\$900,000.00	\$800,000.00
	Sub total				\$7,684,195.00
4.0 FIELDS					
4.1	Two multi purpose platforms grassing drainage and establishment		Allowance		\$1,500,000.00
4.2	Field lighting (4 fields)		Allowance		\$750,000.00
	Sub total				\$2,250,000.00

5.0 ADVENTURE PLAY PRECINCT					
5.1	Skate bowl/Parkour facility	1	Allowance	\$250,000.00	\$250,000.00
5.2	BMX track circuit	415	lin/m	\$200.00	\$83,000.00
5.3	Adventure playground	1	Allowance	\$400,000.00	\$400,000.00
5.4	viewing tower	1	Allowance	\$180,000.00	\$180,000.00
5.5	Hilltop artworks	1	Allowance	\$200,000.00	\$200,000.00
5.6	Lighting	1	Allowance	\$250,000.00	\$250,000.00
	Sub total				\$1,363,000.00
5.0 WETLAND					
5.1	Earthworks	8320	m3	\$75.00	\$624,000.00
5.2	Wetland profile	5772	m2	\$400.00	\$2,308,800.00
5.3	Civil works / drainage	1	Item	\$500,000.00	\$400,000.00
5.4	Bridg and weir	1	Item	\$300,000.00	\$300,000.00
5.5	Viewing platform to wetlands	1	Item	\$100,000.00	\$100,000.00
	Sub total				\$3,732,800.00
6.0 FACILITIES & FURNITURE					
6.1	Park furniture	1	Allowance	\$100,000.00	\$100,000.00
6.2	Vehicular boom gate	2	No	\$3,000.00	\$6,000.00
6.3	Wayfinding signage	1	Allowance	\$125,000.00	\$125,000.00
3.2	Local childrens playground	1	Allowance	\$250,000.00	\$250,000.00
	Sub total				\$481,000.00
7.0 PLANTING WORKS					
7.1	Maintained grass cover with shade tree planting (35L)	86404	m2	\$32.00	\$2,764,928.00
7.2	Nodal and feature trees		Allowance		\$100,000.00
7.3	Bushland regeneration	127213	m2	\$35.00	\$4,452,455.00
7.4	100 L Tree planting and installation to parking	51	No	\$300.00	\$15,300.00
	Sub total				\$7,332,683.00
8.0 ESTABLISHMENT					
8.1	Plant establishment 6 months	6	Months	5000	\$30,000.00
	Sub total				\$30,000.00

TOTAL - DEMOLITION & EARTHWORKS	\$21,855,350.00
TOTAL - WORKS (Items 2 to 8)	\$27,171,423.00
TOTAL - ALL WORKS	\$49,026,773.00
TOTAL ALL ITEMS - INCL PRELIMS	\$60,918,734.44

ATTACHMENTS

B Heritage Assessment (GML Heritage 2017)

C Ecological Assessment (Ecological Australia 2017)