Appendix 6 – Whole of life costings

Whole of Life Cost Analysis	**MOP facility upgrades - Stage 3**										
Description	Operating/ Capital	Lifecycle Yrs	**Acquisition Cost**	Projected Operating Costs pa	Projected Maintenance Costs pa	Total Projected O&M pa	**Net Increase O&M pa**	Projected Depreciation/ Renewal pa	**Net Increase Depreciation/ Renewal pa**	**Whole of Life Cost of Proposal**	**Whole of Life Increase Cost of Proposal**
concrete pad	Capital	40	234,765	4,695	11,738	16,434	**16,434**	5,869	**5,869**	1,126,872	**1,126,872**
aqua tower	Capital	40	218,849	4,377	10,942	15,319	**15,318**	5,471	**5,470**	1,050,475	**1,050,395**
waterplay and splash pad equipment	Capital	40	64,126	1,283	3,206	4,489	**4,487**	1,603	**1,601**	307,805	**307,645**
pump and piping	Capital	40	87,068	1,741	4,353	6,095	**6,092**	2,177	**2,174**	417,926	**417,686**
filtration system	Capital	20	49,545	991	2,477	3,468	**3,464**	2,477	**2,473**	287,361	**287,041**
sanitarion system	Capital	40	57,875	1,158	2,894	4,051	**4,046**	1,447	**1,442**	277,800	**277,400**
pumps and tank	Capital	20	54,864	1,097	2,743	3,840	**3,834**	2,743	**2,737**	318,211	**317,731**
toddler pool filtration	Capital	40	112,050	2,241	5,603	7,844	**7,837**	2,801	**2,794**	537,840	**537,280**
heating system	Capital	20	25,000	500	1,250	1,750	**1,742**	1,250	**1,242**	145,000	**144,360**
pump shed	Capital	40	200,000	4,000	10,000	14,000	**13,991**	5,000	**4,991**	960,000	**959,280**
access pathways	Capital	40	63,980	1,280	3,199	4,479	**4,470**	1,600	**1,591**	307,104	**306,384**
bbq and picnic area	Capital	40	96,950	1,939	4,848	6,787	**6,777**	2,424	**2,414**	465,360	**464,560**
play equipment	Capital	40	39,795	796	1,990	2,786	**2,775**	995	**984**	191,016	**190,136**
slide tower shade	Capital	40	30,000	600	1,500	2,100	**2,088**	750	**738**	144,000	**143,040**
boundary fence	Capital	40	39,010	780	1,951	2,731	**2,718**	975	**962**	187,248	**186,208**
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Total (whole of life cost based upon 40 years)			**1,373,877**	**27,478**	**68,694**	**96,171**	**96,071**	**37,582**	**37,482**	**6,724,019**	**6,716,019**

**Whole of life costs include acquisition, operating & maintenance expenditure and depreciation/renewal using current values.*