

Annex 7a - Summary Table

	Do Nothing	Fitment of LED Luminaire	Fitment of Active Control Measure (with LED)	Total Lifetime Savings (60 years)
Annual Energy Consumption (kWhr)	1,476,709	653,013	484,043	12,946,875
Annual Energy Cost (£)	171,431	75,808	56,193	1,503,003
Annual CO2 emissions (tonnes)	730	323	239	6399
Annual CO2 CRC cost (£)	11,678	5,164	3,828	78,282
Annual Shadow Cost of Carbon (SCC) (£)	3,328	1,472	1,091	99,051
Reactive Maintenance lifetime cost (£)	5,182,488	507,833	235,409	4,947,079
Routine Maintenance lifetime cost (£)	1,155,831	732,138	0	423,693
Procurement & Fitment of CMS	3,604,506	N/A	2,400,112	1,204,394

GCC agreed capped rate for energy	0.11609 kWhr
Latest DEFRA CO2 Kg/kWhr figure	0.49426
Current CRC Cost (tonne CO2)	16
Current SCC Cost (tonne CO2)	4.56