

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 emmissions (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 |