

WESTMINSTER CITY COUNCIL

STATEMENT OF DECISION

SUBJECT: LED AND SMART LIGHTING SYSTEM

Notice is hereby given that Tim Mitchell, Cabinet Member for Environment and City Management, has made the following executive decision on the above mentioned subject for the reasons set out below.

Decision to allow the installation of a low energy street lighting solution with centralised management control.

2. Recommendations

- 2.1 The Cabinet Member for Environment and City Management approved the continued rollout of LED lanterns and CMS for lighting at a calculated gross cost of **£6,442,000** as detailed in Section 8.1 and Appendix C, subject to the relevant IT security authorisations being gained.
- 2.2 The Cabinet Member for Environment and City Management delegated to the Executive Director of City Management and Communities the authority to make changes to the programmes agreed, subject to the proviso that the overall budget is not exceeded and that the Cabinet Member is consulted on any significant changes.

3. Reasons for Decision

- 3.1 The existing luminaries and CMS system employed are outdated, poorly performing and coming to end of life. The number of lantern faults in the last twelve months was 4,300, far in excess of the acceptable 98% in good working order. The rollout of LED luminaires will bring all roads and footpaths up to current British lighting standards, reduce energy consumption by a minimum 30% and in so doing carbon output. It will also reduce lighting faults by approximately 60%-70% and will save on maintenance repair visits, all of which supports the City's Air Quality Manifesto objectives.
- 3.2 A CMS will provide the Council full remote visibility and control of the street lighting stock. It will allow a reduction in night scout visits and allow intelligent profiling of lighting levels throughout the hours of darkness to appropriately light the road for the given traffic volumes as set out in the British standards.
- 3.3 The CMS can support a future Smart Cities project through IoT (Internet of Things) sensors which can support other departments across the council.

**Stuart Love, Chief Executive,
Westminster City Hall,
64 Victoria Street
LONDON
SW1E 6QP**

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