

	<p align="center">London Borough of Hammersmith & Fulham</p> <p align="center">CABINET</p> <p align="center">11 AUGUST 2014</p>
<p>STREET LIGHTING PROGRAMME 2014/15</p>	
<p>Report of the Cabinet Member for Environment, Transport & Residents Services – Councillor Wesley Harcourt</p>	
<p>Open Report</p>	
<p>Classification: For Decision</p> <p>Key Decision: Yes</p>	
<p>Wards Affected: All</p>	
<p>Accountable Executive Director: Nigel Pallace, Bi-borough Executive Director of Transport & Technical Services</p>	
<p>Report Author: Dean Wendelborn, Principal Street Lighting Engineer</p>	<p>Contact Details: Tel: 020 8753 1151 E-mail: dean.wendelborn@lbhf.gov.uk</p>

1. EXECUTIVE SUMMARY

- 1.1. Approval is required to manage the 2014/15 Planned Capital Street Lighting Column Replacement Programme and to carry out planned and general reactive maintenance work over the same period. It is recommended that authority to manage the programme and overall budget throughout the year is delegated to the relevant Council Officers.
- 1.2. The key priorities set out in the report are to:
 - Replace street lighting columns at the end of their serviceable life,
 - Maintain the existing street lighting assets,
 - Reduce carbon emissions, maintenance requirements, and energy costs.

2. RECOMMENDATIONS

- 2.1. That approval be given to use the budgets set out in Section 4.5 of the report to maintain and improve the Council's lighting assets, using the existing public lighting term contractor.
- 2.2. That approval be given for capital replacement of columns that have reached the end of their serviceable life based on structural condition testing (an indicative programme for the replacement of older columns is attached in Appendices 1 and 2).
- 2.3. That authority to make amendments to the capital replacement programme as set out in Appendices 1 and 2 of the report for operational and cost effectiveness reasons, in order to make the optimum use of resources, be delegated to the Cabinet Member for Environment, Transport and Residents Services in conjunction with the Bi-borough Director of Transport and Highways.

3. REASONS FOR DECISION

- 3.1. As Highway Authority, the Council has powers under the Highways Act 1980 to provide street lighting and a duty of care to prevent danger to road users by maintaining those lights.
- 3.2. The lighting assets are maintained through both planned cyclical maintenance and reactive maintenance. The planned maintenance regime is carried out in accordance with national best practice. Maintenance of lighting assets is necessary to keep them in a condition that is safe for road users. Many of the lighting assets in the borough could cause serious harm to road users if they are not properly maintained.
- 3.3. Records of inspections and remedial action taken are valuable in defending claims received for accidents and injuries.

4. INTRODUCTION AND BACKGROUND

- 4.1. There is no statutory requirement to provide street lighting. However if an authority does provide lighting, then it must comply with best practice and national standards.
- 4.2. The street lighting service is responsible for:
 - The delivery of new street lighting projects such as column and lantern replacements

- The maintenance of illuminated assets including; street lights, bollards, flashing beacons, and other street furniture such as traffic signs, pay and display machines and decorative lighting.
 - Inspections to ensure that street lighting assets are safe and working properly
- 4.3. It is responsible for maintaining 8,700 streetlights; 2,500 illuminated signs,; and 18,900 non illuminated signs as well as special lighting and features such as the fountain in Lyric Square fountain, subway lighting and lighting on the Grade II listed Hammersmith Bridge. A detailed summary of each programme is set out in Appendix 3.
- 4.4. The Council has a corporate target to reduce the borough's carbon emissions. Street lighting accounts for approximately 21% of the Council's total energy usage. As part of the street furniture refurbishment programme we have introduced new technologies that are more energy efficient and have lower maintenance requirements.
- 4.5. Although this year's budget is based on previous years, it includes savings targets based on actual outturn from the previous year, and therefore should not impact on any of the work currently undertaken.

Activity	Budget 2013/14	Budget 2014/15
Capital column replacement	£516,000	£369,000
Lighting Roads - Planned Including defects to; <ul style="list-style-type: none"> • Street lights • Illuminated signs • Non-illuminated signs • Illuminated/Solar powered bollards • Flashing/centre island beacons • Damage caused from Road Traffic Accidents 	£477,300	£426,000
Lighting Roads - General	£136,900	£127,100
Public Lighting Energy	£675,000	£551,800

5. PROPOSAL AND ISSUES

- 5.1. Approval is sought to replace lighting columns on the roads listed in the Appendices, subject to on-going structural testing to ensure that columns that are found to be in a potentially dangerous condition are prioritised for replacement. .

Approval is also sought to carry out reactive and routine maintenance work throughout the borough to ensure public safety.

- 5.2. Officers receive residents' requests to install ornate heritage columns and lights. Whilst we would generally propose more costly heritage columns where they are appropriate in conservation areas, it is not sustainable to roll these out more widely due to the additional cost of the materials. Also, as the lamps are less efficient they may require more columns and power connections than newer, modern units. The modern units are in keeping with the previous column look, with a curved bracket and oval shaped lantern, which give the added benefit of shining all light down onto the highway, minimising spill light.

6. OPTIONS AND ANALYSIS OF OPTIONS

- 6.1. The Council has a legal duty to maintain its lamp columns. Officers undertake conditions surveys to maintain assets in a safe condition; those not meeting this condition need to be replaced.
- 6.2. A lighting design is undertaken for each road being re-lit which requires specialist knowledge and expertise. The design process determines the optimum lighting layout and type of light for each road. New lighting is designed to meet current standards according to best practice, and to minimise the impact on residents.

7. CONSULTATION

- 7.1. Ward Councillors will be notified of works in writing, in advance of notification letters being sent to residents on affected roads.
- 7.2. Emergency services will be advised of roads subject to works shortly before works begin.
- 7.3. Residents on affected roads will be advised in writing of the Council's requirement to replace the street lights on their road, shortly before work commences.

8. EQUALITY IMPLICATIONS

- 8.1. The proposed works do not cause any notable changes to equality. An Equality Impact Assessment is published separately.

9. LEGAL IMPLICATIONS

- 9.1. The Council is responsible for maintaining highways that are maintainable at the public expense. It has a specific power to provide lighting for the purpose of highways and to maintain the lighting works as it considers

necessary under Section 66 of the Highways Act 1980 .The Council should exercise due care in carrying out any works as, if by reason of the execution of works carried out under Section 66 any person sustains damage, the Council as highway authority may be liable to pay that person compensation in accordance with Section 66(3) of the Act.

- 9.2. Although there is no legal requirement for notification, good practice suggests that the Council should give reasonable notice to any affected persons when work is to be undertaken.
- 9.3. There are no further legal implications arising from the proposals contained in the report.
- 9.4. Implications verified/completed by: Alice Balme, Foreign Qualified Solicitor, 0208 753 6918

10. FINANCIAL AND RESOURCES IMPLICATIONS

- 10.1. The capital budget for Column Replacements in 2013-14 was £516,000, including balances brought forward. From 2014-15 onwards, the annual capital budget is programmed to be £369,000, although this is subject to change.
- 10.2. The Revenue budget for maintenance works totals £553,100. The energy budget is not available for maintenance works. However, the energy budget can be influenced by maintenance works — for example if lower energy bulbs are installed in lamp columns.
- 10.3. This report does not specify the expenditure expected in each year. Officers must ensure that they manage costs to remain within the capital and revenue budget in any given year.
- 10.4. Implications verified/completed by: Giles Batchelor, Finance Manager, Ex 2407.

11. RISK MANAGEMENT

- 11.1. As Highway Authority, the Council has power under the Highways Act 1980 to provide lighting, while also having a duty of care to prevent danger to road users. Management of Statutory Duty is noted on the Bi-Borough Enterprise Wide Risk Register as risk number 6, including the subsidiary risks, non-compliance with laws and regulations, and breach of duty of care. The duty to prevent danger to road users is fulfilled by undertaking an annual replacement and maintenance programme to minimise risks to the Council and road users.
- 11.2. Details of our asset inventory, including asset history, are stored in the Council's database system.

11.3. Implications verified/completed by: Dean Wendelborn, Principal Street Lighting Engineer, Tel: 020 8753 1151.

12. PROCUREMENT AND IT STRATEGY IMPLICATIONS

12.1. There are no procurement related issues as any works will be carried out under the Council's Lighting Term Contract

12.2. Implications to be verified/completed by: Alan Parry, Procurement Consultant (TTS), Ex 2581.

LOCAL GOVERNMENT ACT 2000 **LIST OF BACKGROUND PAPERS USED IN PREPARING THIS REPORT**

No.	Description of Background Papers	Name/Ext of holder of file/copy	Department/ Location
1.	Term Contract for Public Lighting and Ancillary Works	Catherine Irvine Ex 2774	Bi-Borough Legal Services

LIST OF APPENDICES:

Appendix 1: Light Column Replacement Road List

Appendix 2: Light Column Replacement Road Map

Appendix 3: Detailed Programme Description

Appendix 4: EIA Assessment