

LED Street Lighting Conversion Project

Cabinet	21 September 2023
Report Author	Luke Glover
Portfolio Holder	Cllr Steve Albon - Cabinet Member for Cleansing and Coastal Services
Status	For Decision
Classification:	Unrestricted
Key Decision	Yes
Reasons for Key	An Executive Decision that involves incurring expenditure anticipated to be £250,000 or above
Ward:	All wards

Executive Summary:

The council is responsible for the maintenance of approximately 500 street lights across the district in locations such as car parks, open spaces, coastal promenades and paths. This report sets out the high level purpose of the project and the proposed timescale. A project is included in the 2023/24 capital programme to replace and upgrade some of the existing street lighting with newer technology energy efficient LED fittings.

Recommendation(s):

That Cabinet approves Option 1 - to incur expenditure of approximately £333k for the replacement and/or upgrade of lighting provision at various locations within the district.

Corporate Implications

Financial and Value for Money

A budget of £283k is allocated in the 2023/24 capital programme for the upgrade of existing lighting infrastructure including modern LED technology luminaires and where required, new lighting columns. A contribution of £50k has been approved by Broadstairs and St Peter's Town Council for the upgrade of lighting around Viking Bay in Broadstairs bringing the total budget for the proposed project to £333k.

Legal

The project will be competitively procured in accordance with the council's contract standing orders. The council's legal team will undertake the contract award.

Risk Management

The council is responsible for approximately 500 street lights in the district. This includes the requirement to inspect and maintain the lighting infrastructure. It is important that works to modernise and replace luminaires and lighting columns continues in a planned manner to reduce the likelihood of failures with an associated increase in health and safety risk.

Corporate

Sufficient and reliable lighting in public spaces such as parks, promenades and car parks is essential for the health and safety of all who use those spaces. The proposal to install new technology low energy consumption fittings is well aligned with the Council's Net Zero Strategy.

Equality Act 2010 & Public Sector Equality Duty

The proposal has limited relevance to the duty in respect of the protected characteristics. It is the officer's assessment that the duty is not engaged by this proposal.

Corporate Priorities

This report relates to the following corporate priorities: -

- Environment
- Communities

1.0 Introduction and Background

- 1.1 The council is responsible for the maintenance of approximately 500 street lights across the district. These are generally located around car parks, open spaces, coastal promenades and paths.
- 1.2 A project is included in the 2023/24 capital programme to replace and upgrade some of the existing street lighting with newer technology energy efficient LED fittings. This will not only reduce energy consumption in line with the Council's net Zero Strategy, the fittings also have a much longer design life so will also reduce future maintained visits to replace luminaires.

2.0 Current Situation and Proposed Works

- 2.1 The street lighting is the subject of routine inspection and maintenance but much of the lighting stock is in poor condition. The lighting technology is generally old with high energy consumption light fittings which are the subject of more frequent failures than modern equivalents.

- 2.3 It is proposed to procure a lighting contract. This will include the upgrade of luminaires to modern low consumption and low maintenance LED units. Where necessary the contract will also include the replacement of defective lighting columns on a priority basis based upon inspection and condition assessment.
- 2.4 Works are anticipated to start in January 2024 and be completed by July 2024
- 2.5 A sum of £283k remains in the 23/24 capital programme following some urgent works in 2022/23 with a value of £95k. Broadstairs and St Peter's Town Council has also approved a £50k contribution to this project for the upgrade of lighting at Viking Bay in Broadstairs.

3.0 Options

- 3.1 Option 1 - to incur expenditure of approximately £333k for the replacement and/or upgrade of lighting provision at various locations within the district.
- 3.2 Option 2 - do not approve expenditure on this project. Note, there is insufficient revenue funding to maintain the lighting stock without the proposed capital upgrade work and this would lead to some columns being disconnected or removed due to their condition in the short term.

4.0 Recommendation

- 4.1 That Cabinet approves Option 1 - to incur expenditure of approximately £333k for the replacement and/or upgrade of lighting provision at various locations within the district.

Contact Officer: Luke Glover - Deputy Technical Services Manager
Reporting to: Mike Humber - Director of Environment

Annex List

None

Corporate Consultation

Finance: *Clive Bowen (Finance Manager) Matthew Sumner (Capital Treasury Accountant)*
Legal: *(Sameera Khan - Interim Head of Legal & Monitoring Officer)*