

THURSTON PARISH COUNCIL

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The following paper is submitted to Parish Council’s Meeting of 4th August 2021 – Agenda Item 11j refers

Background:

1. The Parish Council has 104 Street Lights which it owns and maintains under an agreement with Suffolk County Council for street lighting and maintenance.
2. Of these 104, currently 67no. are 80w MBFU type lanterns which can be broken down as follows:
Lanterns attached to wooden poles x 29.
Lanterns on Aluminium columns x 17.
Lanterns on Steel columns x 15.
Lanterns on Concrete columns x 6.
3. As has been previously advised, SCC is now unable to source these lamps as under EU legislation, these lamps and associated control gear have ceased being manufactured and are no longer available to purchase via their supply chain, therefore these lanterns are no longer maintainable.
4. Given the above, the Clerk has requested an estimate to replace the remaining 80w MBFU lighting stock.

General Works:

1. All lanterns will be replaced with an energy efficient LED lantern. As the initial report is a desk top exercise only, an allowance has been made for lanterns attached to wooden poles to include for a new pole bracket, control box and a new UKPN transfer of supply. The estimate received is also based on the assumption that all columns are in a satisfactory condition.
2. The estimate is based on option 1 with the supply and installation of our current standard LED lantern which is around 21 watts in power.

Energy Savings:

The LED lanterns offered are very efficient with up to 80% savings depending on existing lamp types.

Examples of indicative savings in monetary terms based on all night lighting and part night lighting has been shown below:

Lamp Type	Cost per year All Night Lighting	Cost per year Part Night Lighting
80w MBFU	£68.00	£40.00
LED	£14.00	£9.00

Options:

1. Option 1 is to replace all the remaining lanterns within the next twelve months under one order. The estimate of works has been based on replacing the remaining units as follows:

Installation of 29 x LED Lanterns on UKPN wooden Poles:

To supply and install a new side entry LED lantern & pole bracket / control box and UKPN transfer of overhead supply will require an investment of £34000.00 + VAT.

Installation of 17 x LED Lanterns on Aluminium Columns:

Supply and install a new side entry / post top LED lantern will require an investment of £7,850 + VAT.

Installation of 15 x LED Lanterns on Steel Columns:

Supply and install a new side entry / post top LED lantern will require an investment of £6,900 + VAT.

Installation of 6 x LED Lanterns on Concrete Columns:

Supply and install a new side entry / post top LED lantern will require an investment of £2800.00 + VAT.

**Total estimated investment required for lantern replacement will be £51,550.00 + VAT.
This cost can be expended from the Neighbourhood CIL pot.**

2. Option two is to replace lanterns as and when they fail.

Suffolk County Council will inform the Parish as and when an individual lantern fails accompanied with an estimate of works and a Parish order can be raised to replace each lantern accordingly. The lantern will remain out of lighting until it is replaced.

3. SCC has employed a specialist contractor to replace their remaining 30000+ lanterns to LED in and around Suffolk which should be a 12 – 14-month contract starting from August 2021.

Once this contract has been completed Suffolk may be able to offer the Parish a reduced rate for their LED upgrade using this specialist contractor, but the installation of Parish lanterns will not commence until at least August 2022.

Notes:

1. The estimate for option 1 is based on a desk top exercise only to inform the Parish of indicative costs. If option 1 is the preferred option, then a survey of the units would be required as not all lanterns attached to the wooden poles may require brackets / control box's or UKPN service transfers which will reduce the costs accordingly.
2. If option 2 is the preferred option, then the failed light will remain out of lighting until SCC has received an order from the Parish and the lantern is replaced accordingly.

Standard Chapter 8 Traffic management has been allowed for i.e., cones & signs etc, if additional traffic management is required it will incur additional costs.

No allowance has been made for the installation of any light shields and if required will incur additional costs.

Action for Council at the meeting of 4th August 2021

Council to consider the three options before it to determine the way forward.