

I am writing to offer you my quotation for carrying out the maintenance to your street lights for financial year 2020/21, which is:

£1.97 plus VAT per lantern for SOX/MBF/LED lanterns;

£10.08 plus VAT per lantern for Non-SOX/MBF/LED lanterns.

New additional service (if you are interested, please see bottom of page for details) –

£9.50 plus VAT per mild steel column for structural testing.

Please also see below for more details of these quotations.

I would be grateful if you could advise me if you would like WCC to continue carrying out your maintenance in 2020/21 (please feel free to email if this would be convenient). Please see further down the page for what is included/not included for each different lantern type.

SOX lanterns @ £1.97 These are Low Pressure Sodium lanterns, also known as SOX, and are the lights which emit a golden orange colour light. If you have any of these lanterns they are now obsolete and when they fail are unrepairable. The quote of £1.97 covers:

- cyclic electrical safety testing. You will only be notified if there is a problem and this will be carried out every six years.
- a standby service to receive and deal with emergency issues with the installation 24 hours a day. Work carried out on site by contractors will be rechargeable.
- a visit by a street lighting crew should there be a fault who will repair the light if possible (there is a small amount of SOX components remaining in our stores and once they are gone they are gone).
- I would recommend that if you have any SOX lanterns that they are replaced as soon you are able with an LED equivalent which will reduce your annual energy and maintenance costs. Please let me know if you are interested in a quotation for replacing any of your SOX lanterns and I will arrange for one of my team members to provide you with a quotation.

MBF lanterns @ £1.97 These are Mercury lanterns which are also obsolete and unrepairable when they fail. Fortunately, there are not many remaining within Warwickshire. The quote of £1.97 covers:

cyclic electrical safety testing. You will only be notified if there is a problem and this will be carried out every six years.

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- a standby service to receive and deal with emergency issues with the installation 24 hours a day. Work carried out on site by contractors will be rechargeable.
- I would recommend that if you have any MBF lanterns that they are replaced as soon as you are able with an LED equivalent which will reduce your annual energy and maintenance costs. Please let me know if you are interested in a quotation for replacing any of your MBF lanterns and I will arrange for one of my team members to provide you with a quotation.

LED lanterns @ £1.97 per lantern

The reason this quotation is so low and the “what’s included” is so minimal is because LED lanterns require significantly less maintenance than traditional light sources.

What's included:-

1. Cyclic electrical safety testing. You will only be notified if there is a problem and this will be carried out every six years.
2. Initial visit should a fault arise to an LED lantern and identification of the problem. As and when it does become necessary to carry out maintenance to an LED lantern, this will be carried out on a rechargeable basis. This includes the replacement of the photocell should it fail.
3. A standby service to receive and deal with emergency issues with the installation 24 hours a day. Work carried out on site by contractors will be rechargeable.
4. A service that liaises with Western Power Distribution (modern equivalent to the old Electricity Board) should a supply fault develop to the light from their network.

What's not included:-

1. Any repairs to faulty Western Power Distribution cables, cut outs or fuses (only WPD can undertake these repairs).
2. Repairs following road traffic accidents.
3. Cyclic painting.
4. Any improvement works, eg replacing old lanterns, replacing timeswitches with photocells.
5. Immediate attendance to rectify dangerous occurrences such as doors removed or hanging lantern bowls etc. However attendances to any potentially dangerous occurrence will be carried out immediately and

recharged accordingly.

6. Any repairs due to third party damage such as vandalism or vehicle impact.

7. Structural testing of street lighting.

8. Should a fault arise at an LED street lighting point the problem will be identified, and then a recommendation referred to the light owner. Any repairs will be on a rechargeable basis for Plant, Labour, and Materials.

9. If your LED lantern has not been supplied by WCC or via a road adoption, then any warranty queries are not covered and it will be the responsibility of the owner to contact the installer and/or manufacturer.

Non-SOX/MBF/LED lanterns @ £10.08 per lantern

What's included:-

1. Cyclic lantern clean and lamp change, and visual structural inspection.

2. Cyclic electrical safety testing. You will only be notified if there is a problem and this will be carried out every six years.

3. A standby service to receive and deal with emergency issues with the installation 24 hours a day. Work carried out on site by contractors will be rechargeable.

4. A service that liaises with Western Power Distribution (modern equivalent to the old Electricity Board) should a supply fault develop to the light from their network.

5. Repair of virtually all faults, though please be aware that equipment does have a finite life and sometimes it is necessary to completely replace equipment due to old age or being obsolete which would require an additional charge. (We will advise you if this is something that we find and offer you a quotation for replacing any old or obsolete lanterns). **Please note that these faults are only covered as long as the components are not obsolete. If the components are obsolete you will be contacted and advised accordingly.**

Faults that are covered are defined as:-

i) Faulty lamp or tube;

ii) Faulty lamp holder or lamp holder support bracket;

iii) Faulty lamp or tube support bracket;

- iv) Missing, cracked or broken lantern bowl or faulty gasket;
- v) Loose or mis-aligned lantern;
- vi) Missing or faulty clip, bolt, screw, wingnut, hinge or toggle;
- vii) Missing or faulty Photocell or socket (Photocell will be replaced a maximum of two occasions if missing due to theft without a recharge of costs to yourself);
- viii) Reset mistimed timeswitch or timing device;
- ix) Faulty wiring having an open or short circuit or defective insulation resistance of less than 0.5 megohms;
- x) Cracked or broken connector block;
- xi) Faulty ballast, ignitor, capacitor, starter, gear tray;
- xii) Faulty, cracked or broken cut out or termination but excluding any Western Power Distribution cut out (we will issue orders to WPD but payment for repair, if applicable, will be the responsibility of the Owner);
- xiii) Faulty fuse or fuse carrier;
- xiv) Missing, damaged or incorrect door locks;
- xv) Loose or mis-aligned road or footway lighting column projection arm;
- xvi) Inoperative isolator;
- xvii) Missing or unreadable (from 5 metres distance) identification numeral(s);
- xviii) Offensive graffiti or unauthorised signs;

STRUCTURAL SAFETY AND TESTING OF STREET LIGHTING COLUMNS

WCC are now able to offer the service of structurally testing your mild steel lighting columns at the cost of £9.50 plus VAT per mild steel column. If you are interested in this taking up this service you will need to advise me of which columns you would like structurally testing by the end of March at the very latest as it is then that I supply the structural engineer with his work programme for the year. Please see below the answers to some anticipated questions:

Why should we consider structurally test lighting columns?

Unfortunately nothing lasts forever and this includes street lighting columns. If the material of a street lighting column was to deteriorate below ground level

or internally then this would be invisible to the eye and could result in the column potentially becoming unstable and collapsing.

I see that the testing is only for mild steel columns, can you explain?

The vast majority of street lighting columns are made from mild steel and the structural engineer that is employed has a method of testing which only works on mild steel columns.

So what about Cast Iron, Aluminium, Wood, Concrete, Stainless Steel columns?

This method of testing does not work on these materials. I would recommend that you risk assess your columns made of these materials (eg. are they located in places where people congregate like outside schools or are there heavy traffic flow combined with how old the column is) and you plan to replace columns made of these materials over time in order of risk should one collapse.

It is worth bearing in mind that lighting columns generally have a design life of 25 years so any newer columns do not need to be considered for testing.

So what happens if we decide to have our mild steel columns structurally tested?

If, by the end of March, you send me your list of mild steel columns that you would like structurally testing I will then include it in the batch which I send to WCC's structural engineer for testing in the following financial year. During the course of the year the columns will be structurally tested and the results are usually returned to me by the end of October of that year. The results for each column will be one of the following:

Category 1 PASS – it is recommended that this column is retested in 5 years time;

Category 2 PASS – it is recommended that this column is retested in 3 years time;

Category 3 PASS – it is recommended that this column is retested in 2 years time;

Category 4 FAIL – it is recommended that this column is removed as soon as is practicable (within a month or so);

Category 5 FAIL – it is recommended that this column is removed immediately – this will normally be called through directly from site by the structural engineer. These columns will be removed as an emergency and you will be contacted as there will be a charge for this making safe action.

I would suggest that you record Category 1 – 3 columns in a document such as a spreadsheet or word document and revisit it each year when asking for columns to be structurally tested.

I will advise you of any category 4 columns with a quotation for replacing the column.