



Church and Public Clock Specialists. Castle Workshops, Dacre, Penrith, Cumbria.
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17th July 2020

FAO – Tony Woodliffe

Dear Tony

Mayfield, St. Dunstan's Parish – Tower Clock

Further to your email & our telephone conversation, we are pleased to provide the following information & suitable quotations.

The clock was manufactured by John Smith & Sons of Derby in 1878 & takes the form of a cast iron flatbed movement with hour strike & quarter chimes, driving the dials with a gravity escapement with pendulum. The movement was converted to automatic winding in 1975 to remove the need for weekly winding.

It was auto wound through the second arbors, which doesn't meet current DAC guideline, the movement should be wound / driven through the barrels arbors as it was originally designed, to ensure it doesn't cause excessive wear within the wheels & pinions.

We understand the quarter chime auto wind unit has failed, parts are no longer available for this type & age of unit, we would propose installing one of our automatic winding units.

The proposed automatic winding units would be situated below the clock movement with the drive being via the barrel arbors, which meets the current DAC code of practice. The weights would fall down the existing weight chute or operate within the clock room. These winding units are supplied as mains driven 240volt units.

The automatic winding units manufactured by the Cumbria Clock Company are the only units to come complete with a ten-year guarantee.^[L]_[SEP]

We are please to provide a quotation to replace the quarter chime auto-winding unit; the cost is shown in quotation 1.

The cost to replace all three auto-winding units is shown in Quotation 2,
Quotation 3 is to service the movement on an annual basis.

Quotation 1 – Re- Auto wind the quarter chime

Attend on site take details & confirm electrical requirements.

Manufacture one 240volt main epicyclic automatic winding unit.

Manufacture one split sprocket to fit barrel arbors of the quarter train.

Attend on site; dismantle the existing auto wind system.

Fit the sprocket to chime barrel arbor.

Install automatic winding units and hang weights.

Test and leave in full working order.

For the sum of ... £2,190 [Two Thousand, One Hundred & Ninety Pounds] net plus VAT

Quotation 2 – Re- Auto wind the complete clock movement

Attend on site take details & confirm electrical requirements.

Manufacture three 240volt main epicyclic automatic winding units.

Manufacture three split sprockets to fit the barrel arbors of the quarter, strike & time trains.

Attend on site; dismantle the existing auto wind system.

Fit the sprockets to the barrel arbors.

Install automatic winding units and hang weights.

Test and leave in full working order.

For the sum of ... £6,120 [Six Thousand, One Hundred & Twenty Pounds] net plus VAT

Exclusions

The existing electrical supply will required to be modified, we would require 1x 13amp socket located under the clock movement within the case per auto winding

unit, the position would be confirmed on our first visit to site to take details. Please note the units are fused at 5amp.

Quotation 3 – Annual Service

Our annual maintenance visit consists of attending onsite once a year, inspecting the clock installation and checking that it is safe, and that there are no apparent signs of wear or areas of concern that may cause problems in the following twelve months.

We will then clean and lubricated the clock movement and all other accessible parts within the building including the dial motion works, bevel gearing and the universal joints. We will also check the bell hammers and bell cranks lubricating and cleaning where necessary. Any adjustments to the hammer wires or hammer check springs will be undertaken.

Once new steel weight lines and hammer wires have been fitted by us, they will be replaced free of charge should they break whilst the clock is under our care.

We will attend as soon as possible once notified of a breakdown and correct the fault free of charge. However, if the fault is caused by normal wear and tear, vandalism or misuse it maybe necessary for us to charge for the visit.

If we have any areas of concern regarding your clock installation we will supply a report and necessary quotations for the work free of charge and without obligation.

The agreement does not include provision for making the Summer/Winter time alterations, or for the regulation and correct timekeeping of the clock, which should be the responsibility of a local person. We will, however, if asked give instruction on how to look after the clock on a week-to-week basis, again free of charge when we are in the area.

The cost for the above service would be ... £185 [One Hundred & Eighty Five Pounds] net plus VAT.

If you would like us to look after your clock please get in contact, no official form of contract is exchanged and this quotation, together with your letter of acceptance, is considered sufficiently binding.

The Annual Maintenance Service Agreement will remain in force until terminated by either party.

Points to Note

We have two engineers based in your area one in Brighton & one in Bournemouth, who would carry out the work.

Price Maintenance

These prices are firm for a period of six months from the date of this letter and thereafter, subject to price increase to accord with increased costs of labour, materials and travelling costs if necessary.

Guarantees

All new parts made by us carry our ten-year guarantee against failure through faulty workmanship or materials. Repair work is similarly guaranteed for a period of twelve months. Suspension springs and electrical or electronic components of units not of our manufacture, are specifically excluded from our guarantees, but carry the manufacturers own warranty.

Terms Payment

30% with orders over £ 1,000.00, the balance within 14 days of the date of invoice following completion of the work.

In some cases progress payments may be asked for.

All goods remain the property of the vendor until full payment has been made and any relevant cheques cleared. Risk passes on delivery.

The above quotation is exclusive of Value Added Tax at 20%.

The Cumbria Clock Company Ltd complies with the “Code of Practice for Turret Clock Work” produced by the Clocks Advisers Forum of DAC Clock Advisers in collaboration with Turret Clock Companies and the Church Buildings Council.

Trusting the above information is helpful to you, but in the event you should have any questions to ask, please do not hesitate to contact us.

We assure you of our best care and attention at all times and look forward to hearing from you in the near future.

Yours sincerely

Keith Cotton.

Technical Sales Manager

Church and Public Clock Specialists.

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