



Church and Public Clock Specialists. Castle Workshops, Dacre, Penrith, Cumbria.
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13th April 2022

FAO – Mike King

Treasurer / Deputy Warden

Dear Mike

Bath, St. Stephen's Church – Tower Clock

Further to our recent site meeting & my inspection of the above clock, we are pleased to provide the following information & suitable quotations.

The clock bears the name of G. W. Wadham, Bath & takes the form of a cast iron flatbed movement with hour strike, driving the single dial with an anchor escapement, with pendulum action. The time side of the movement was converted to automatic winding in 2007 & the hour strike is struck on a separate dedicated bell with an electro hammer & control unit, so the strike on the movement is redundant. The parts are in the clock case & they need to be reassembled in the movement.

When I visited site, the pendulum was stopped, but the escapement was still running through, so I removed the auto winding drive weight to make this safe. The crutch & pallets are both loose on their arbor, there is swarf on the beam at the back of the movement, probably caused by wear in either the barrel or second wheel teeth, this needs to be investigated further.

The escapement wheel needs to be replaced, & the pallets & crutch secured to their arbor, to carry out this work the complete movement would be to be brought into our workshop, the only difficult part to remove may be the pendulum which is approximately 13ft [4m] long & may be difficult to remove from its case.

The cost to carry out this work is shown in quotation 1.

The clock is fitted with a regulator, we are unsure how accurate this system is & it doesn't provide automatic BST/GMT alterations. We manufacture an auto-regulation system to undertake these procedures. which will provide accurate time keeping, & automatic BST/GMT alterations.

The cost is shown in quotation 2.

We are pleased to provide the following quotations

Quotation 1 – Workshop overhaul / repair of the time side

Attend on site, dismantle the clock movement & lower to ground level, bring all parts back to our workshop.

In our workshop, to clean all the bearings & pivots, check for wear & polish all working surfaces. To manufacture a new escapement wheel. Fit the new wheel, secure the crutch & pallets to their abor. Investigate the reason for wear in the main & second wheel teeth.

Freshly oil & set on test.

On completion of testing, return to site, lift the movement frame & all parts back into position & reassemble. Reconnect the auto wind unit & drive weight, synchronize the movement with the dial.

Set up & leave all in good order.

For the sum of ... £4,850 [Four Thousand, Eight Hundred & Fifty Pounds] net plus VAT.

Quotation 2 – Auto Regulator

In our works to manufacture, an auto regulator system to provide accurate time keeping & automatic BST/GMT alterations.

Attend on site & install

For the sum of ... £2,340 [Two Thousand, Three Hundred & Forty Pounds] net plus VAT

The provision of a suitable electrical supply in the form of a 13amp socket for quotation 2, please note the unit is fused at 5amps. The details & positions of the power points would be confirmed on our first visit to site.

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

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