



EVESHAM TOWN COUNCIL



Finance and General Purposes Committee meeting MONDAY 7TH NOVEMBER 2022 at 6.30 p.m. in the Council Chamber at the Town Hall

Item 6 – Bell Tower clock repairs

The Abbey Bell tower clock requires repairs and a report is attached.

Costs of maintaining the clock are divided between All Saints Church and the Town Council.

The PCC has requested that 50% of the cost of repair, which is £4,100 in total, be met by the Town Council.

The council has a £3,000 budget for public clocks, of which £400 is committed so far for 2022/23.

The Committee is asked if agrees to the PCC's request.

Jo Adams
Town Clerk

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Time Assured
LIMITED

All Saints' Bell Tower
Evesham
11/11/2021



Evesham Bell Tower

Hammer Repairs



Business Member of the
British Horological Institute

Our reputation is in your hands...

Company Registration No 7483197 Vat Registration No 168 6620 78





Ms Francesca Pridding Town Clerk
Evesham Town Council
Unit 6 Abbey Lane Court
Evesham
Worcestershire
WR11 4BY

11th November 2021

Dear Ms Pridding

Evesham, Bell Tower

Following on from our visit by our clockmaker Steve Morson and Sam Schoonderwoerd on Monday 8th November 2021, I would like to thank Chris Povey for his kind reception. Our report and quotation are detailed below.

Report

We have been asked by Chris Povey the Ringing Master of the Evesham Bell Tower, to inspect and provide a quotation, due to one of the electromagnetic hammers having failed. Our clockmakers inspection with Chris Povey present showed the hammer shaft on the 11th bell which carry's the hammer head has sheared just below the hammer head fixing.



Chris Povey had noted the hammer seemed to be hitting the bell harder than normal and causing a dull tone not a clear bell ringing tone. On closer inspection we found the torsion springs which return the hammer head to its resting position had failed. This is the reason the hammer was hitting the bell harder, because it was not being returned by the springs, and ultimately causing the failure of the hammer.

On checking the remaining hammers, it became apparent that five of the other hammers had at least one spring showing signs of failure.



We would strongly advise that all the springs on all the hammers are replaced with new springs so as not to cause anymore hammer failures.

This is a quite a time-consuming job and would need two clockmakers. All the hammers would have to be removed individually in turn and dismantled to remove and replace the springs. The hammers are quite heavy and there is not a lot of room when removing them. It does give us the opportunity to make sure all the hammers are totally serviced and greased when they are re-assembled.

Regarding the hammer which has failed, we would remove the hammer head from the hammer shaft and dismantle the hammer. The hammer shaft would be prepared to be welded ,by cleaning the outer surface on the two broken parts. The parts would then be bevelled, to make sure the weld has a very good penetration. A new piece of steel would then be added to the area to make sure it is completely strengthened. Then it would be painted with a rust inhibiting paint.

Quotation – Repairs hammer and fit new springs.

- Arrive at Evesham Bell Tower.
- First visit to remove the failed hammer assembly, return to our workshop.
- Dismantle, clean, and weld the hammer shaft also, strengthen the hammer shaft.
- Re-grease and assemble with new springs.
- Return to Evesham Bell Tower with two clockmakers.
- Refit the hammer which we removed in the first visit.
- Individually remove a hammer and clean, re-grease and fit new springs, refit the hammer.
- Carry the above out on all the remaining hammers.
- Test, adjust and set up all the hammers.
- Set up and leave in good working order.

The cost of this option is £4,100.00 plus vat.

Other Matters

- This quotation only includes work as detailed in the quotation above.

Guarantee

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.

Faculty

Repairs of this nature to the Church Clock will require Diocesan approval and the granting of a faculty. Once permission has been obtained by the Church, we are mandated to obtain a copy of the faculty approval for our records prior to commencement of work.

Vat

Regarding Vat, the current situation is that you will be able to reclaim the Vat on this work as the value is above £1000.00. In addition, each listed place of worship will also be allowed to submit one claim in respect of works with a value less than £1000.00 but more than £500.00 in any twelve-month period. This can be accomplished by application to the Listed Places of Worship Grant Scheme. I can forward the guidance notes and an application form should you require any assistance in this respect.

Code of Practice

All work will be carried out in accordance with the Code of Practice for Turret Clock Work issued by the Clocks Advisers Forum and approved by the Church Buildings Council (CBC). All work to be carried out in a conservation-minded manner, we will endeavour to preserve as much original material as possible and respect its current state to preserve the original heritage character of the clock; any parts removed will be returned to site, not scrapped. Reversibility is a prime consideration to allow opportunity for easy removal.

Payment Terms

The prices in these quotations are valid for 90 days. An initial deposit of 40% will be required with order prior to commencement of work. It is anticipated that there will be a lead time of up to two weeks from date of order to commencement of work.

I trust that you are in receipt of adequate information to consider these quotations favourably. However, should you require any further information or wish to discuss any aspect of these quotations, please do not hesitate to contact me.

Yours sincerely



Stephen Williams FCMA
Managing Director

Confidentiality

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