

JOHN TAYLOR & Co.

PHONE: 2241 (2 Lines)
TELEGRAMS: "BELLS, LOUGHBOROUGH"

CHURCH BELLS
PEALS - CHIMES
CARILLONS
CLOCK BELLS

RESTORING OLD OAK BELL FRAMES A SPECIALITY

THE BELL FOUNDRY,
LOUGHBOROUGH,
ENG.

4 December 1952

*acknowledged
5/12/52 K.M.B.*

The Rev. K.M. Bishop, M.A.,
The Vicarage,
Junction Road,
Deane,
Bolton,
Lancs.

Rev. Sir,

Deane Parish Church - Bells.

We are very sorry for the delay in writing following our Mr. Fidler's call upon you on 25 October, when the question of the restoration of the bells was discussed; the delay has been caused through illness amongst our staff but we are now at full strength again and we can promise prompt and careful attention henceforth.

We beg to confirm the recommendation that in recasting the bells a somewhat lighter peal would perhaps be more in keeping with the structure of the tower and we suggest that the recast peal should form a ring of eight bells with a tenor bell 12½-cwts. approx. This would be a very musical and pleasing peal which we can give assurance would be suitable in every way and which would be appreciated by ringers and parishioners alike. The dimensions of the tower are somewhat cramped and this reduction in the size and weight of the bells would be much more conveniently installed than the heavier peal. Further, the saving in metal will appreciably reduce the cost.

We accordingly enclose our detailed Specification and Estimate which covers the whole of the work involved by the execution of the scheme, i.e., the complete remodelling and recasting of the peal, taking out the present frame and hanging the ring of eight bells with new and up-to-date fittings in new cast-iron framework on a foundation of heavy rolled steel girders, including fitting a new clockhammer, etc. The only items excluded from the estimate and which would be much more economically done locally are :-

- (1) Small amount of builder's work cutting recesses in the tower walls to take the bearing of the ends of our new bellframe girders, making good after we have hoisted and placed the girders in position.

The Rev. K.M. Bishop, M.A.Deane Parish Church - Bells.

- (2) Cutting away the masonry round the ends of the two 8" x 5" steel girders which carry the upper bellframe, in order to free these girders and allow them to be taken out by our bellhanger.
- (3) Taking up a small section of the floors of the clock chamber and ringing room, to allow the bells, etc., to be hoisted through, and replacing afterwards. This will be a very small job for a joiner to do.

We understand that it would be desired to have the work completed during 1953 and in order to accomplish this we should like an order to be placed practically immediately.

With regard to terms of payment, our estimate is drawn up on the basis of nett cash on completion but if it would be of any assistance we should be glad to accept say one-half of the total amount on completion, the balance to be paid to us within six months or so.

We trust we have covered the salient points discussed on the occasion of our representative's visit, but if there is any further information you would like to have please write to us.

Respectfully looking forward to the favour of your further communication,

Yours faithfully,

John Taylor & Co.

X/GP

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THE PARISH CHURCH, DEANE, Lancashire.

SPECIFICATION AND ESTIMATE.

FOR THE RECASTING OF THE PEAL INTO A RING OF EIGHT BELLS WITH TENOR WEIGHING APPROXIMATELY 12½-CWTS., AND REHANGING WITH NEW FITTINGS IN NEW FRAMEWORK.

REMOVAL OF BELLS
AND FRAMEWORK.

Deliver to the site the necessary tackle and tools, dismantle the eight bells, lower and remove them from the tower and despatch the bells to our Foundry at Loughborough.

Take out the existing framework, the timbers to be placed outside the Church to remain the property of the Parochial Church Council.

RECASTING BELLS. The bells to be recast into a ring of eight bells, the tenor to weigh approximately 12½-cwts.; each bell to be of correct proportionate weight to ensure an even balance of tone from the treble to the tenor. The recast peal to be of musical and resonant tone, perfectly tuned on the Taylor "true-harmonic" system.

FITTINGS. Provide and fit to each of the eight bells a new set of ringing fittings of the latest and most up-to-date type, designed so that all may be kept in good order with the minimum amount of attention.

These fittings to consist of oak WHEELS, well carpentered and strengthened with wrought iron plates, with special garter holes designed to prevent undue chafing of the bellropes; cast-iron HEADSTOCKS of box section, with curved shoulders to "tuck up" the larger bells in their stocks, designed so that the bells will swing in regular progression from the smallest to the largest bell; RETAINING BOLTS of high tensile steel; INSULATION PADS; nickel steel GUDGEONS turned up true after having been fitted in the headstocks; self-aligning BALL BEARINGS, heavy duty type, with a double ball race of large size balls, in specially made housings which are totally enclosed to exclude all dirt and

THE PARISH CHURCH, DEANE, Lancashire.(Specn. and Estimate).FITTINGS, contd.

grit and which are lubricant-retaining and do not require refilling with lubricant except once every 12 or 14 years; well forged best quality wrought iron CLAPPERS correctly proportioned to each bell, with independently fitted crownstaples, the clapper joints to be of improved design, consisting of turned steel pins working in lignum-vitae bushes and fitted with grease boxes for lubrication; hard wood ROLLERS working in ball bearings with new roller boxes; patent STAYS and SLIDERS, etc.

BELLROPES. Supply an entirely new set of eight bellropes, made of best quality Italian hemp, with flexible ends and coloured woollen salleys.

BELLFRAME. Supply an entirely new framework for the ring of eight bells, also steel supporting girders; the whole to be of strong and massive construction, designed in accordance with the most up-to-date and scientific principles so as to withstand the strain and thrust caused by the ringing of the bells, and built by modern engineering methods.

The BELLFRAME to be of TWO-TIER construction, the lower tier to consist of "H" shaped castings specially strengthened to support the weight of the upper tier frame which will be of our "low-side" pattern.

The FOUNDATION of the frame to consist of heavy rolled steel girders. The upper tier frame to be bolted to a cill of rolled steel girders which will be mounted upon brackets cast upon the legs of the "H" castings beneath. Each girder of both lower and upper tier frames to be "anchored" at the ends and firmly grouted into the tower walls.

The frame sections to be of tough grey cast-iron of heavy and massive proportions, accurately machined and fitted together. The feet of the castings and the seatings for the bell bearings to be machined, ensuring perfect alignment. The whole structure of frame and girders to be thoroughly braced in all directions by wrought iron tension bars, all requisite stays, plates, bolts, butts, washers and rivets to be supplied.

The type of framework proposed is illustrated by the enclosed photograph (Walsall).

THE PARISH CHURCH, DEANE, Lancashire. (Specn. and Estimate).

ERECTION. Deliver the bells, new framework, girders, fittings and other materials to the site and hoist into the bellchamber.

Set the foundation girders in position, assemble and erect the new frame thereon.

Hang the bells with their fittings in the new frame, all correctly adjusted, leaving the peal in first-class ringing order.

Including all bellhanger's time, expenses, assistance, fares, etc.

CEILING BOSSES. Provide the necessary turned iron ceiling bosses, to protect the ropes where they pass through the floors.

CLOCKHAMMER. Provide an entirely new clockhammer for sounding the hours on the tenor bell, the hammer to be secured to the new framework by means of a strong wrought iron bracket, and connect up to the clockworks as at present, any new quadrants and wiring necessary for this purpose to be supplied.

PAINTING. All the steel girders and angles to be de-scaled and treated with a special process to form a key for the paint; the frame castings and all steelwork also the ironwork of the bell fittings to be given two coats best quality paint before despatch and a further coat after erection in the tower, i.e., three coats in all.

The wheels and other woodwork of the fittings to be well treated with preservative solution.

MAINTENANCE. Provide a set of spanners and card of instructions for the steeple-keeper's guidance in the maintenance of the peal.

CARRIAGE. Including carriage of the bells, fittings, etc., and of all tools, hoisting tackle, etc., to and from between our Works and the Church.

INSURANCE COVER. All workmen engaged by us are fully covered by Insurance against any claims under the National Insurance (Industrial Injuries) Act, the Employers' Liability Act and at common law. Cover is also provided for damage to the fabric of the building by men in our employ also against Public Liability, Third Party risk, during the progress of the work on the site.

THE PARISH CHURCH, DEANE, Lancashire.

(Specn. and Estimate).

ESTIMATE.

Our estimate for carrying out the recasting of the ring of eight bells and rehangng with new fittings in new framework, as detailed in the foregoing Specification, amounts to the sum of £1,400.

(ONE THOUSAND, FOUR HUNDRED POUNDS). *plus £84.*
if order placed by May 10/54.

NEW Inscriptions upon the recast bells . . . 1/- (one shilling) per letter.

GENERAL.

The above estimate is drawn up on the basis of to-day's costs and is subject to adjustment to cover any fluctuations, up or down, which may take place in costs of materials and wages between the present date and when the work is completed.

Our estimate excludes builder's and joiner's work.

John Taylor & Co
11484
50
11534
767.

Re casting & fittings 767.
Trimmings & carriage 100
690.
1557

13. 16. 6 per cent recasting.

Tenor
$$\begin{array}{r} 12 \\ \hline \pounds 165 \cdot 18 \cdot 0 \\ \hline \end{array} \quad \pounds 166.$$

7th
$$\begin{array}{r} 9 \\ \hline \pounds 124 \cdot 8 \cdot 6 \\ \hline \end{array} \quad \pounds 125.$$

6th
$$\begin{array}{r} 8 \\ \hline \pounds 110 \cdot 12 \cdot 0 \\ \hline \end{array} \quad \pounds 111 \text{ Prize}$$

5th
$$\begin{array}{r} 7 \\ \hline \pounds 96 \cdot 15 \cdot 6 \\ \hline \end{array} \quad \pounds 97$$

4th
$$\begin{array}{r} 6 \\ \hline \pounds 82 \cdot 19 \cdot 0 \\ \hline \end{array} \quad \pounds 83.$$

3rd
$$\begin{array}{r} 5. \\ \hline \pounds 69 \cdot 2 \cdot 6 \\ \hline \end{array} \quad \pounds 70.$$

2nd
$$\begin{array}{r} 4\frac{1}{2}. \\ \hline 62 \cdot 4 \cdot 3. \\ \hline \end{array} \quad \pounds 63$$

Treble.
$$\begin{array}{r} 4. \\ \hline \pounds 55 \cdot 6 \cdot 0 \\ \hline \end{array} \quad \pounds 56.$$

$$\pounds 767 \cdot 5 \cdot 9$$