

Midland Steam Clock Works,

Queen Street & Market Place.

Derby, Aug^o 16th 1902

Memorandum from JOHN SMITH & SONS,

(FRANK & JOHN H. SMITH, PARTNERS.)

Manufacturers by Special Machinery of every description of Clocks, Chimes, Carillons, &c for Cathedrals, Churches, Stables, Railway Stations, &c.

MAKERS OF
New Great Clock

AT
S. Paul's Cathedral

(The order being given on the
recommendation
of Lord Grimthorpe)

THURLES CATHEDRAL

LEICESTER TOWN HALL

BURTON-ON-TRENT
TOWN HALL

BURNLEY PARISH CHURCH

BEAGONSFIELD CHURCH

LONDON SCHOOL BOARD
OFFICES.

KENDAL TOWN HALL

HAMPTON HILL CHURCH
NEAR HAMPTON COURT

ENVILLE CHURCH

BUXTON TOWN HALL

BILSTON TOWN HALL

ELSTOW CHURCH,
BEDFORD

GRAVESEND JUBILEE
CLOCK

NORTHFLEET TOWN
CLOCK

CHARD CHURCH

SYSTON CHURCH

INGESTRE HALL

OMBERSLEY CHURCH

RAWTENSTALL CHURCH

EGREMONT TOWN HALL
&c., &c., &c.

Dear Sir

Having made a careful inspection of your Church tower we now beg to submit to you alternative estimates for such a clock as we should deem suitable for it — Our clock would be of the very finest construction and finish and generally to the designs of Lord Grimthorpe (the great authority on such clocks) and we should guarantee it to maintain true time with less variation than 3 seconds a week and keep it in order free of charge for two years except the winding which would be done by the clerk or sexton. Such a clock would be an absolute "Standard"

for the timekeeping of the district — We should
place the clock in the tower that none of
the bell ropes would be interfered with, nor
would the central trap door be covered by
any of the clock parts.

We may say that we made the new great clock
for St Pauls Cathedral and many other important
ones and at the present time we are making
large clocks and chimes for Warwick parish
church, Macclesfield (Christ) church, Portsmouth
Naval Barracks, Blairgowrie N. F. Church, Finchleyfield
church, Shildon church, Woodmausey church,
East Ham Town Hall, Retford Town Hall, Buckley
church (Mrs Gladstone's memorial) and many others.

Estimate I

We hereby offer to make a clock and fix
it complete in Badsey church, to show time
with new hands on the old dial which we
should repaint and gild, to strike the hours.

upon the largest bell, to be fitted with all the latest improvements, to have apparatus to continue the action of the clock during winding to have a small dial on the movement by which the external hands would be regulated and set to time.

The main frame would be of one solid iron casting planed smooth and true with all the various wheels, levers and other working parts so arranged upon it that any separate part might be removed without disturbing the remainder.

all the wheels would be made according to the recommendations of Lord Grimthorpe - the teeth being carefully shaped so as to work into each other with perfect smoothness.

all the pinion arbors would be of the best cast steel properly hardened and

tempered.

Steel wire ropes would be used to carry the weights working over large grooved iron pulleys and wrought iron barrels.

The pendulum would be a cylindrical one with heavy bob fitted with screw clutch suspension - a hardened and tempered steel spring - an ordinary screw regulator and an auxiliary regulator of small weights for delicate adjustments.

All the bushes and bearings would be of the best gun metal or hard brass properly turned and fitted.

The present dial would be properly painted and gilded.

New hands would be provided - made of copper properly hammered and stiffened and counterpoised inside the tower by adjustable

Belongs.

The hammers for striking the bells would be mounted in iron frames - with suitable steel spring and bolted to the bell frame so as not to interfere with the ringing of the bells.

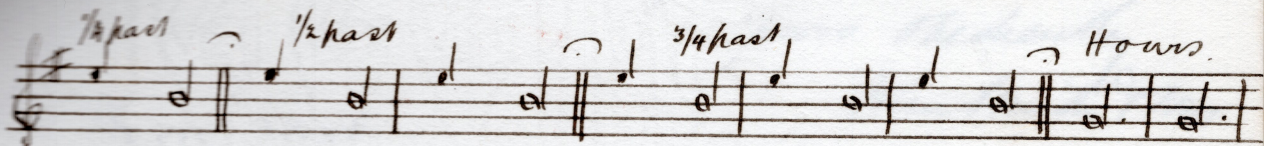
All the iron and steel work of the clock (except acting surfaces which would be polished) would be properly painted and varnished, and all the gun metal wheels, bushes &c would be polished and lacquered.

The entire cost of the clock, complete and fixed inclusive of all carriage and travelling expenses, clockmakers time during fixing but exclusive of any woodwork or builders work required during fixing would be £78

Estimate II

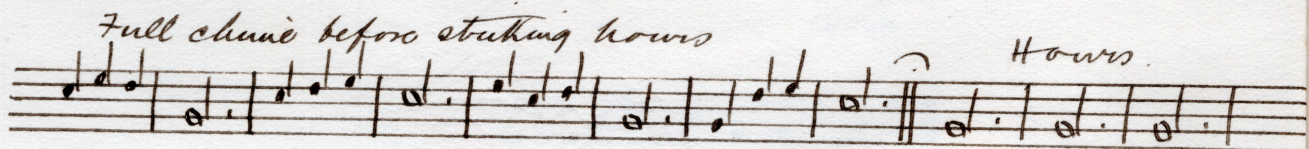
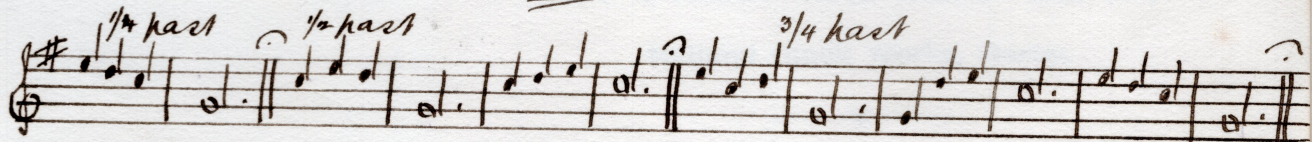
a clock same as Estimate I but having

in addition "Ding Dong" quarter chimes upon
two bells according to the following music
would be £108



Estimate III

a clock same as Estimate I but having in
addition "Westminster" chimes playing upon the 1st
2nd 3rd and 6th bells according to the following
music would be £128



Estimate IV

a clock same as Estimate I but having in addition
"Leamyson" chimes playing upon the 1st 2nd 3rd 4th
and 5th bells according to the following music would
be £138. (attached)

"Leamyson"
Chimes

Soliciting your further favours which
should have our prompt attention
We beg to Remain

Yours Obediently
Wm Smith & Son

Rev W. Henry Price
Bradsey Vicarage
Evesham.

THE "TENNYSON" CHIMES.

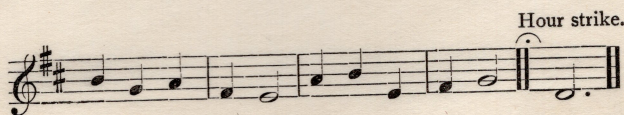
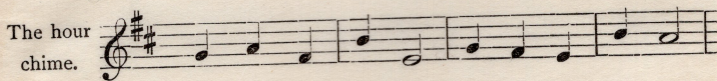
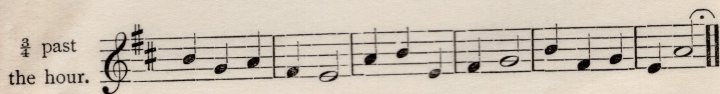
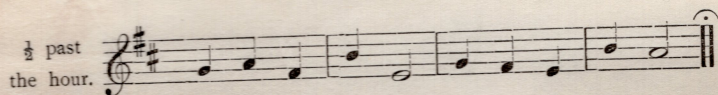
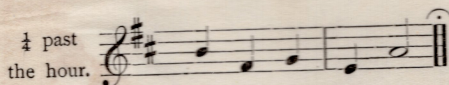
Composed by Sir John Stainer,

ARRANGED TO MECHANISM

BY FRANK AND JOHN SMITH,

Midland Clock Works, Derby.

Copyright.



(copy)

St Mary's Vicarage
Warwick.

July 8th 1902.

Mess^{rs} J. Smith & Sons.
Gentlemen.

When do you commence repairing
our Tunes. We hope that you will begin as soon
as you can. — The clock is delightful, and
everyone is thoroughly pleased with it.

I remain,

Gentlemen

Yours Faithfully

(Canon) Merstone Rivington

(Copy)

Ottringham,

N^o 2 Hull.

Sept: 12th 1901.

From the Vicar & Churchwardens.

"The Clock made by John Smith & Sons, Midland
Clock Works, Derby, and put up in our Church
Tower, about three years ago, has given great
satisfaction, and kept excellent time.

(Copy)

St Stephens Vicarage

St Albans

June 1st 1902

Sirs,

We are intending to put up a church clock to strike the hours on the Tenor Bell here, and have been recommended by Lord Grimthorpe to you

We should therefore be glad of an estimate.

Yours Truly

(Signed)

W. D. W. Dudley

Vicar

Mess^{rs} J. Smith & Sons
Derby

(Copy)

Hillside House,

Blairgowrie,

July 19th 1902

Dear Sirs,

I now accept of your offer for clock
& chimes according to specifications from you for
St Andrew's Church, Blairgowrie. — I have
no greater wish than that your work will be
as creditable as what you did for Mayfield,
Edinburgh.

I am,

Sincerely Yours

(Signed) Johnston Stewart

Messrs J. Smith & Sons.

(Copy)

Fursdon

Crownhill R. S. O.

S. Devon.

1st April. 1902.

Dear Sirs,

At a committee meeting held this day at Egg Buckland. I was directed to write you, and to convey the complete satisfaction which has been given at the manner in which you have carried out the contract for the clock with three dials, which has been placed in Egg Buckland Church to the memory of their late Vicar Revd C. E. Turner. As far as we have yet been able to test it the clock keeps excellent time, and is in all respects satisfactory while the attention given to the work whilst in progress was most noticeable.

I am

Dear Sirs

yours Faithfully
J. L. I. Briggs
Lt Colonel

(Signed)

Mess^{rs} John Smith & Sons
Queen St.
Derby.