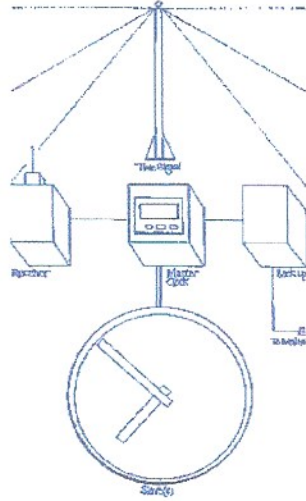


clock facilities management



commercial clock systems

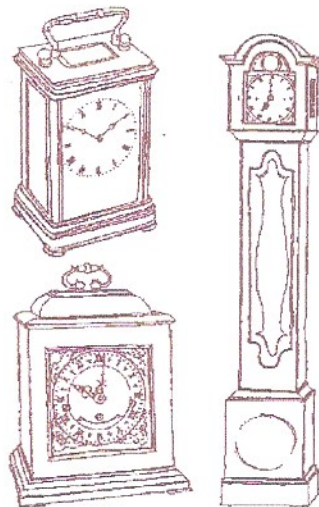
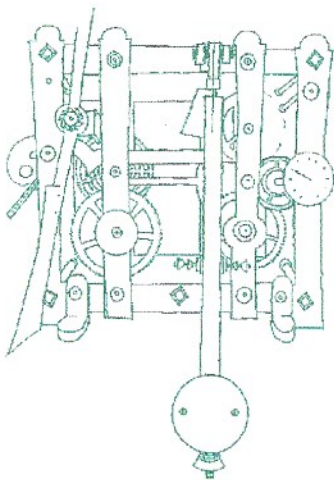
*Your quotation
for Horological Services
from Thwaites & Reed*

specialist in turret clocks

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THWAITES & REED™ Clockmaking Services

Horological Engineering - Design - Manufacture - Consultancy

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Email : thwaitesandreed@aol.com

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Thwaites & Reed Engineering Ltd

P.O. Box 51 Rottingdean

Brighton BN2 8YQ

Our Ref : ML/de
Your Ref :

25th March 2021

Jackie Cottrell
Parish Clerk
Warbleton Parish Council
4 Kingsmarch Cottages
Five Ashes
East Sussex
TN20 6JE

Dear Jackie,

Osborne House Clock Maintenance

We have pleasure in reporting on our site visit and quoting for the recommended work.

1. Our Survey. Technical Report.

The clock mechanism is a G&J compact cast iron gravity two train flat bed, using two joists as a horse, and driving a single dial with an hourly strike with a count wheel and fly. Made in 1897, and moved to its current position in 1965/6, it is complete with a power reserve for manual winding. The going train is on the right with a wing clutch, and a wood rod pendulum with beat screws and a cylinder cast iron bob with a rating nut below. The strike train is on the left. It retains its winding handle, and is housed in a clock cupboard with the gravity weights of 4 x 6.5" cast iron cheeses for the going train, dropping down 16.5' to the ground floor in a weight shaft. The weight ropes are 3.5mm stainless steel on brass barrels 3" diameter and 9" long.

The dial was inspected visually from ground level. We surmise it is approximately 24" diameter convex copper with ribbed copper spade and pointer hands.

The clockroom is in the loft accessed by a drop down ladder exiting in a bedroom and access is reasonable.

2. Our Findings

The clock is in good condition and complete but was dirty and needed cleaning and lubrication. We reset the clock and wound it up and it was working.

The hourly strike is not connected and there is no provision for a bell.

The dial and hands are in poor decorative condition.

3. Our Recommendations

3.1 We understand that Brian Bishop is willing to wind the clock as required, and therefore do not recommend any kind of autowinding, because only one type; (the endless chain), can be guaranteed not to cause long term damage to the clock mechanism, and that system would cost approximately £5,000 ex vat. All other systems would reduce the longevity of the clock, which was designed to last the life of the building, and which will last the life of Osborne House, if kept in its original configuration and not electrified.

3.2 This clock was originally a public amenity. The dial and hands should be re-enamelled to conservation standards. They look neglected and of no purpose, but redecorated and working, the clock would again be a public amenity.

3.3 All mechanical clocks require annual servicing, they run 24 hours a day, 365 days a year for decades, and if this clock is serviced properly, it will keep good time with no other costs. Electric clocks, and autowinders consume electricity, and require full replacement every 10 to 15 years.

Our work is done to conservation standards of English Heritage, Historic England, the United Kingdom Institute of Conservation, The Council for the Care of Churches, the principles of The Venice Charter and Level 5 Expert of the Competency Model of the National Council for Conservation-Restoration.

We attach a Scope of Works for the recommended work.

Our payment terms are 50% deposit on commencement of work on site, and 50% on completion.

Please be assured of our best attention to your enquiry, and if there are any points which require clarification, please do not hesitate to contact us.

Yours sincerely,



Melvyn Lee

Director

For and on behalf of Thwaites & Reed Engineering Limited

Scope of Works

OSBORNE HOUSE RUSHLAKE GREEN

BASIC SERVICE

To overhaul the mechanical movement on site, clean bevel gears, connecting rods, motionworks, weight pulleys, weight ropes, regulate the beat and rate.

Basic Price..... £1,244 ex VAT

OVERHAUL SERVICE AND DIAL RESTORATION

Provide scaffolding or a mobile elevating working platform and service the minute arbor end bearing, remove the dial and hands to our workshop for re-enamelling, return to site and re-install and leave in good working order excluding new parts required on dismantling

Overhaul Price..... £6,022 ex VAT

ANNUAL MAINTENANCE

Annual servicing after the works in this this quotation with no price increase for 5 years.

Maintenance Price per annum.....£890 ex VAT

Prices good to 31st December 2021, thereafter subject to confirmation.

25th March 2021

Inclusive of

:-

Risk Assessments

Safe Working Method

CIS Exemption

Insurances (including height work)

Provision of full PPE

Staff security cleared

Compliance with best practice in conservation and restoration supported by

English Heritage and Historic England

United Kingdom Institute for Conservation

The Council for the Care of Churches

The Venice Charter

Site of Works



**Situated at Osbourne House
Rushlake Greem**

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