



The Tower Clock Co.

10340 Columbus-Cincinnati Rd. (937) 605-1904 South Charleston, Ohio 45368

email: phil@thetowerclockcompany.com
website: thetowerclockcompany.com

Phil Wright, Owner

City of Dallas
129 E. Memorial Drive
Dallas, Georgia 30132-4200

June 15, 2025

PROPOSAL

4 New Backlit Tower Clock Dials

1. Removal of the old dials, which may need to be removed from the outside of the building with the use of scaffolding or a crane, at owners' expense.
2. The old hands and dial gear assemblies will be removed from the old dials.
3. New custom laser cut dials will be made of 1/4 inch thick aluminum, skeleton type dials (2 original styles to choose from).
4. The dials will be made in 4 pieces and will have a 2-inch flange welded on the inside for strength. This design allows for the dials to have a 90-degree edge to drill the mounting for the white acrylic material and gaskets.
5. The dials will be styled from patterns I have of the original E. Howard tower clock dials.
6. The new dial sections will be powder -coated satin black.
7. The dial glass inserts will be 1/4 inch white acrylic sheet.



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8. The dial glass will be cut to fit the dial sections allowing for expansion and contraction
9. The dial glass will be installed onto the new skeleton dials with 3/16-inch-thick neoprene gaskets, rather than caulking or glazing. This allows the dial glass to be easily removed for maintenance reasons.
10. The custom-made stainless-steel fasteners will be used to secure the dial glass to the dials.
11. All other hardware used will be aluminum or stainless steel.
12. The new hands will be styled to match tower clock hands of the late 1800's, I can provide you several choices of styles to choose from.
13. The dials will be made to fit the inside diameter of the brick opening, which will mean the new dials will be considerably larger than what you have now.
14. The black metal surround and inside framing that was used to decrease the dial diameter will be removed and disposed of.
15. The new hands will be made of $\frac{3}{4}$ inch thick #1 Sugar Pine, tapered to $\frac{3}{8}$ inch thick at their outer edges. They will be sanded smooth and then primed and painted with 6 or more coats of Sherwin-Williams Emerald Exterior Satin Black. (number of coats depends upon what it takes to get the hands smooth).
16. New Brass counterbalance rods and weights will be made and installed on the hands. The hands will be precisely balanced.
17. The dial gear assemblies, cluster gear assembly and universal joints will be completely restored, they will be disassembled, cleaned and



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deburred. The cast iron pieces will then be primed and painted their original colors. All wheels, pinions and shafts will be repaired, polished and sealed.

18. New gaskets will be made to seal the dial gear assemblies to the new acrylic dial glass.

19. Heavy duty fasteners will be fabricated to secure the new dials to the building.

20. All parts will be assembled and installed, the four dials will be synchronized, set to the correct time and started.

Please Note:

This proposal does not include the repair or restoration of your #0 E. Howard Special Striker Tower Clock mechanism. We were unable to inspect the mechanism at the time we were on site. For a comparison, the last restoration/preservation we did on a E. Howard #0 Special Striker was \$40,000.00 in 2016. This price will still be good, should you want to a restoration on your #0 E. Howard Special Striker mechanism.

Cost per Dial: \$17,000.00 x 4

Total Cost 4 Dials: \$68,000.00

5-year guarantee on all parts and labor

30% of cost due at start of job for materials/supplies/travel



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If you have any questions, please call or text me at 937-605-1904.

Thank you,

A handwritten signature in cursive script that reads "Phil Wright".

Phil Wright

Owner of The Tower Clock Company







