SPEC for **full** refurbishment works to both duplex tower passenger lifts

Anticipated Budget: £180,000

1. Remove the existing control panel, car door operators, machines and other redundant equipment and equipment being replaced as part of this refurbishment

2. Test and certify the lifting beams at the top of the lift shaft

3. Test and certify the lifting beam in the motor room

4. Test and certify the access hatch in the motor room

5. Test and certify the lifting eye above the access hatch in the motor room

6. Supply and fit new duplex lift controllers complete with inverter drive units, digital fault logging and hand winding indicators

7. Supply and fit a new shaft position signalling systems to suit the new controllers

8. Supply and fit a new set of shaft limit switches and set up to suit the new controllers

9. Supply and fit new flat form trailing cables complete with the necessary hangers, clamps and a half-way terminal box

10. Supply and fit new engineers car top inspection control stations

11. Supply and fit surface mount stainless steel car operating panels to include new tactile illuminating push buttons, digital indicators, voice enunciators, comfort tones, load plates and car preference key-switches

12. Supply and fit surface mount stainless steel landing call stations to include new tactile illuminating push buttons and comfort tones

13. Supply and fit new surface mount stainless steel digital landing indicator

stations

14. Supply and fit new lift machines to include brake, drive sheaves and hand

winding wheels, reusing the existing machine bed plates and guarding

15. Supply and fit guarding around the hand winding wheels

16. Supply and fit new diverter sheaves at the top of the shafts

17. Supply and fit new suspension ropes and terminations

18. Supply and fit new overspeed governor systems complete

19. Supply and fit new car guide shoe liners

20. Supply and fit new counterweight guide shoe liners

21. Supply and fit new car overload systems

22. Supply and fit new GAL MOVFR II car door operators

23. Supply and fit new car and landing door shoes and rollers including landing lock rollers

24. Supply and fit LED car lighting with emergency backup devices

25. Supply and fit new LED shaft lighting

26. Supply and fit new pit ladders

27. Supply and fit retaining devices for the counterweight plates

28. Supply and fit an up-to-date warning signs and notices pack

29. Supply a landing entrance protection barrier to be stored in the motor room

30. Rewire the car, motor room and shaft to suit the newly fitted equipment

31. Remove, transport and correctly dispose of waste materials and old equipment in accordance with our waste carriers license

32. Carry out a full clean down of the lift installation

33. On completion of the refurbishment works test the newly fitted equipment to the latest standards and issue test results accordingly

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The following equipment can be retained and reused;

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1. Car and counterweight assemblies

2. Car and counterweight guide shoes apart from shoe liners

3. Car and counterweight buffers

4. Car safety gear

5. Car interior finishes apart from call station and lighting

6. Car door entrance frames and panels

7. Landing door entrance frames, panels and locks

8. Alarm sounder

9. Autodialler, GSM unit with SIM card

Please confirm if you intend to resume the above in your return.