Specification for **partial** refurbishment works to duplex tower passenger lifts

Budget: £100,000

Essential works:

1. Remove the existing control panels, shaft signalling systems, and other equipment being replaced as part of these works

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

3. Supply and fit new duplex lift controllers complete with inverter drive units, digital

fault logging, hand winding indicators and remote monitoring systems

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

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

controllers

6. Supply and fit new flat form trailing cables complete with the necessary hangers,

clamps and a half-way terminal box

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

8. Rewire the car, motor room and shaft as required to suit the newly fitted equipment

9. Remove, transport and correctly dispose of waste materials and old equipment in

accordance with our waste carriers license

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

11. On completion of the refurbishment works test the newly fitted

equipment to the latest standards and issue test results accordingly

High priority works:

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

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

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

4. Supply and fit new suspension ropes and terminations