

**Conditions of Fixed-Price Installation and/or Commissioning of all LiftStore monitoring equipment  
Applicable to Lifts, Escalators and all other PSE Equipment**

1. The customer should note that the normal minimum lead-in time to guarantee site attendance is 28 days before the required visit date and is to be requested in writing.
2. Fixed price installation, commissioning and recommissioning rates are based upon one visit to site. Any subsequent visits required due to circumstances beyond our direct control may be chargeable at our normal rates and separate from the fixed-price rate.
3. For any cable runs external to motor rooms, extra charges will be incurred and will be offered upon site survey or during the first site visit. This is dependant upon length and conditions affecting the cable run. Should the cable runs require external protection from the elements or against dangerous conditions then again additional costs will be offered upon survey.
4. Unit commissioning or recommissioning following repairs or modernisation can only be carried out when the lift/escalator/PSE equipment can operate on "Normal" service.
5. Whether the unit has been replaced or refitted by LiftStore or others, all of the conditions required and listed for installation shall apply to enable commissioning or recommissioning.
6. Sites must provide for safe and suitable ingress and egress with regard to access ladders, trapdoors, entrances, catwalk etc. Keys required for access must be supplied prior to our attendance or be available on site at the time of installation.
7. A dedicated 240VAC 5amp supply comprising of Live, Neutral and Earth, all of which is independent from the lift/escalator/PSE equipment supply must be available from a metal clad unswitched fused connection unit to be installed at an agreed location or adjacent to each piece of LiftStore equipment. This supply must be available from within the motor room.
8. The outstation should be wall mounted, or else may be fitted on the side or top of the lift/escalator/PSE equipment control cabinet only with the client's permission. Position is subject to existing clear conduit/trunking routes being available.
9. Where the necessary clear conduit/trunking routes are not available, tubing, trunking and/or flexible conduit will be used to provide the necessary routes for signals, power, telephone line and interconnection. Any conduit or trunking materials utilised for runs greater than 1.5m will incur additional costs.
10. All signals required for outstation operation should be between 12 to 240 volts AC or DC and obtainable from screw type terminals, volt free relay contacts, manufacturers module or similar within the lift/escalator/PSE equipment control cabinet. In particular the events to be generated for some lift applications (motor roomless controllers), escalators and similar equipment will be dependent upon these. The lift alarm signal or similar for other equipment requires voltage when the bell is operated and the units also require the facility to place top and bottom lift car calls by briefly closing separate (on-board) relay contacts. Installation guides are available upon request, which provide details of unit input/output signal requirements.
11. The customer should ensure that all necessary signals required for correct operation are available from within the main lift/escalator/PSE equipment control panel. If any of the signals are not available within the lift/escalator/PSE equipment controller then it will be the responsibility of the client to provide these signals.
12. No inclusion is made for the addition of any other items of equipment that may prove necessary to enable extraction of the correction input/output signals required for specific operations.
13. Comprehensive circuit diagrams, correct and showing any circuit modifications must be available on-site at the time of installation.
14. During installation LiftStore may require the lift/escalator/PSE equipment isolation. This isolation will be done as and when LiftStore deem necessary. The customers own nominated and suitable experienced representative should be present during isolation, restarting and proving of signals. None of these works will incur any costs to LiftStore.
15. Installation of all necessary operational telephone line equipment required shall be the responsibility of the customer and shall be made available prior to our attendance on-site.
16. The telephone line socket should be positioned adjacent to the outstation. Wiring may be surface run and fixed by cable clips or adhesive ties. Rubber cable protectors may also be used, (at additional cost) to route across the motor/pump room floor.
17. The company accepts no responsibility for positioning, installation, or failure of the telephone line installation, however caused.
18. In cases where commissioning or recommissioning of the completed units cannot be completed as no telephone line is installed/operational to test actual transmission of the faults and events being monitored, correct signal operation of the unit will be locally tested and the customer will be required to agree acceptance and make full payment against our invoice.
19. Signal and/or voice transmission will be verified as and when the telephone line is installed/operational and in this event additional attendance costs will be charged.
20. Recommissioning or upgrading of early units, which are not fitted with our signal interface, will require such to be fitted, (at additional costs).

1 All quotations are valid for a period of 60 days.  
Prices do not include VAT or delivery charges.

21. No responsibility is accepted for failure of any lift/escalator/PSE equipment or other equipment or any consequential losses, claims, or other problems arising from such either directly or indirectly associated with the installation of any LiftStore equipment either during, prior to or after installation/commissioning of such.
22. We reserve the right to use sub-contract labour as and when we deem necessary.
23. Units will be invoiced in full on despatch and payment should be made in full within 30 days from date of invoice. The customer should inform LiftStore of site installation date.
24. If multicore cable runs extend over 10 metres then additional costs per metre will be charged. Customer will be advised.
25. The use of LSF cable as specified by the client will incur extra cost.
26. All work out of hours as specified by the customer will incur extra cost to be agreed.
27. Please be aware that any cancelled order may incur a handling charge to cover labour/procured materials.

#### **Emergency Calls**

28. Devices operating via GSM signals, cannot guarantee connection in all conditions. With this in mind, customers should take due consideration when selecting GSM as the sole means of transmission.

#### **Escalators and Travolators – Additional Items**

29. Escalator costs reflect supply and labour for additional interface box for escalator well.
30. Where the outstation for an escalator cannot be located within the escalator well then the client must advise of location. If external location is in a public area the outstation can be mounted within a secondary secure lockable box incurring additional costs.
31. The proving of escalator and travolator signals for each type of controller will be carried out in conjunction with the appropriate maintenance company as required with the client responsible for these additional costs
32. For escalators the installation costs and level of monitoring are reflected by the connections and wiring to the controller in one of the wells from readily available points. Should each well contain a controller to reflect different ends of safety devices then the secondary controller events will be general and not defined. To monitor fully both controllers extra costs will be incurred subject to survey.
33. It is the customer's responsibility to provide a cable route between the equipments control panel and monitoring outstation location. Any routes through fire barriers or decorated areas will be the customers responsibility, this to include any making good.

#### **emFONE equipment – Additional Items**

34. All emFONE prices are based on the lift having a maximum of 10 floors. Any subsequent floors will be charged as per our price list.
35. We require a spare set of normally open contacts on the alarm button. If these are not available then the alarm signal will need to be obtainable from within the lift motor room. If connection is to be made to the alarm signal within the lift motor room, then an alarm push interface board will be required at an additional cost. If the alarm signal is not available within the lift motor room then LiftStore can obtain the signal from within the shaft at an additional cost or alternatively the lift contractor can provide the alarm signal for LiftStore, again to be located within the lift motor room.
36. If there is no existing conduit/trunking route from the motor room to the pit area to house the cable for the emFONE pit unit, then additional costs may be incurred.

**Please note these conditions supersede any terms stated on purchase orders and cannot be superseded unless agreed in writing.**