Design Guidance

1. All lifts are to be individually specified to meet the requirements of the design brief and to suit their intended usage.
2. All lifts are to be from a medium to heavy duty range of equipment capable of operating for 240 starts per hour.
3. All lifts should have a working life of 20-25 years.
4. All lifts supplied shall be “open protocol”
5. All lifts shall meet the requirements of the Lifts Directive.
6. All lifts shall meet the requirements of all the relevant BSEN81 standards including any draft standards.
7. All projects requiring the installation of a passenger lift shall include the provision of an evacuation facility in accordance with BS9999 as standard to meet with the University’s DDA escape management procedure. Any deviation to this must be discussed and agreed with the University fire officer prior to specification.
8. The central alarm receiving centre (ARC) shall be the University security lodge in all cases unless denoted otherwise by the fire/security officer.
9. Compact Gearless drive machine room less lifts are the University’s preferred type of vertical transportation for all projects including refurbishment schemes also.
10. Lift cars shall be provided with the connection facility to incorporate CCTV and Door access control at a later date. Interconnecting cabling looms shall be installed to a point external to the lift shaft for future connection.
11. All lift equipment specified shall be capable of achieving all available credits associated with BREEAM regardless of whether a project BREEAM rating is sought.
12. The client’s representative must approve all materials proposed for use by the lift contractor.
13. Allowance shall be made for demonstrating and instructing the operating and emergency procedures.
14. All lifts shall be provided with Windcrest or Memco or University approved autodial systems.
15. All lifts shall be witness tested by a competent industry trained lift consultant engineer.
16. All lifts shall have a 12-month warranty and comprehensive maintenance applied during the defects liability period.
17. All lifts shall be provided with an automatic rescue device to provide automatic and safe rescue of passengers from a stalled lift in the event of a power failure.
18. All lifts shall be provided with an automatic rescue device to provide automatic and safe rescue of passengers from a stalled lift.
19. Backup standby electrical supply to evacuation lifts shall be designed in accordance with BS9999 and local building control requirements. The University have a strong preference to utilise a diesel standby generator as a backup power source however alternate network LV connections will be considered. Battery backup type systems shall not be considered.
## Design Components

<table>
<thead>
<tr>
<th>Item</th>
<th>Manufacturer</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift controller</td>
<td>Kollmorgen</td>
<td></td>
</tr>
<tr>
<td></td>
<td>New Lift ILE</td>
<td></td>
</tr>
<tr>
<td>Interior lighting</td>
<td></td>
<td>LED lighting shall be used in all instances.</td>
</tr>
<tr>
<td>EM Lighting</td>
<td>LED EM lighting</td>
<td>LED EM lighting shall be used with local key test provided within the lift car.</td>
</tr>
<tr>
<td>Hooks &amp; Drapes</td>
<td>Kapok</td>
<td>Hooks shall be provided to all lifts with drapes to at least one lift within a development.</td>
</tr>
<tr>
<td>Door Operator</td>
<td>Selcom Pegasus GAL</td>
<td>Selcom Pegasus – 3VFSUPRA GAL - VFHA</td>
</tr>
<tr>
<td>Door Detectors</td>
<td>Memco Pana Chrome</td>
<td></td>
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<tr>
<td>Autodialers</td>
<td>Memco Windcrest</td>
<td></td>
</tr>
</tbody>
</table>
## Framework Contractors

<table>
<thead>
<tr>
<th>Service</th>
<th>Specialist</th>
<th>Address &amp; Contact Details</th>
</tr>
</thead>
</table>
| Lift (Passenger) | Kone            | Kone  
Unit 4, Sandstone Court  
Milford Close  
Bulwell  
Nottingham  
NG6 8NN  
T: 08451 999 999  
E: sales.marketinguk@kone.com |
| Lift (Passenger) | Rubax (Otis)    | Rubax Lifts Limited  
Wilson House  
Cinnamon Park  
Warrington  
WA2 0XP  
T: 01695 558800  
E: info@rubax.xo.uk |
| Lift (Passenger) | Otis            | Otis  
123 Abbey Lane  
Leicester  
LE4 5QX  
T: 0116 201 1200 |
| Lift (Passenger) | Schindler       | Schindler  
Eltic House  
1 Lamb Street  
Coventry  
CV1 4AE  
T: 02476 552 266 |
| Lift (Passenger) | Morris Vermaport| Morris Vermaport Limited  
MV House  
14 Vickery Way  
Chetwynd Business Park  
Chilwell  
Nottingham  
NG9 6RY  
T: 0115 9737 500 |
| Lift (Passenger) | Jacksons        | Jackson Lifts  
Unit 6 Titan Way  
Britannia Enterprise Park  
Lichfield  
WS14 9TT  
T: 01543 262850 |