

High-level mission accomplished...

British Land chose AVK-SEG (UK) to provide standby generation during the redevelopment of Lime Street in London.

The landlords use an 800 kVa generator and the tenants (Willis Insurance of America) two 1700 kVa generators, the latter located on the 27th floor of what is the highest building in the City and therefore posing quite a challenge.

The generating sets had to be stripped down to allow the craneage to the 28th floor, lowered down to the 27th floor and then reassembled, a task AVK-SEG (UK) Ltd have completed elsewhere on a number of occasions. The acoustic containers came to site in flat pack form



and were lifted to the roof for reassembly.

The Tenants generators had to be 11Kv and AVK|SEG (UK) Ltd employed their unique dead bar synchronising system with step up transformers to 11Kv, as allows for very fast parallelling, essential to provide 3.4 mVa within 15 seconds.

Because of possible fire risks, the

step-up transformers were cast resin dry type; AVK-SEG supplied the neutral earthing resistors as part of their overall package.

The acoustic containers are fully banded and designed to reduce the noise to 70 dBA at 1 metre with both sets running. The containers have motor /gravity louvres fitted and a fire fighting system is installed in the unlikely possibility of a fire.

The engineering design work and project management involved in this type of project is bread and butter to AVK-SEG, whose in-house engineering CAD design teams were able to offer a fast track solution to a complex challenge.

►641 on Response Service