

## **Framework Tender for Voltage Optimisation from ESPO**

We are pleased to announce that following our recent response to the OJEU framework tender for Voltage Optimisation/Voltage Reduction published by the Eastern Shires Purchasing Organisation (ESPO)\* on behalf of Pro5, **powerPerfector** have been selected as one of the key providers. It is worth noting that **powerPerfector** is the only technology listed as Voltage Optimisation – the user guide and our company information detail these areas of distinction. The assessment criterion for awarding the tender was 50% on cost and 50% on quality, this is an illustration of the due diligence exercised by ESPO in their selection process. The reason for this scoring is that the installation of a technology on the main supply to a building has to be rated with larger emphasis on risk than normal product procurement due to the serious implications of a failure. Further information including details of the scoring assessments can be obtained from ESPO directly.

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Group Buyer | Strategic Procurement & Commissioning | ESPO

This contract does not eliminate the requirement to tender, however it is intended to significantly minimise the work involved and the time invested. We hope that this contract eases the procurement process for our clients and ensures that we are able to offer UK public sector bodies the foundation of their carbon management programmes.

To assist you with your selection process we would like to provide you with some further information on Voltage Optimisation technology, **powerPerfector**.

### **Design and security of supply**

**powerPerfector** is not an autotransformer based technology and was designed specifically to be an energy saving product. It is unmatched in its ability to improve power quality and provide complete security of supply in a single, integrated unit, without the need for any bolt-ons, e.g. power factor correction or harmonic filtration equipment. Any organisation that recommends or approves the introduction of a technology at the most critical point of a building has to have absolute confidence in its safe operation, even before considering the benefits that arise from its installation. The knowledge that over 310,000 **powerPerfector** units have been installed worldwide in the last 15 years without a single insurance claim or failure gives that absolute confidence to the numerous sophisticated private and public sector organisations who have, and are, installing our technology.

### **Origins and manufacture**

**powerPerfector** technology is manufactured in Japan because, as the inventors and designers of this energy efficient technology, this is where the greatest experience and expertise in its construction lies. The purest materials are used to create each element, i.e. the copper sheets and unique core of each hand-made **powerPerfector** unit. The units are manufactured to the highest standards. The energy savings from a typical **powerPerfector** installation ensure that the embedded carbon in the **powerPerfector** from its manufacture and transport from Japan is saved within two years of installation.

### **Savings evaluation**

Of similar weight when installing energy efficient technology is the absolute assurance that savings are being achieved. We pride ourselves on delivering proof of the financial and carbon savings. **powerPerfector** offers a savings report on every installation to ensure that the client is satisfied with the results of the installation and that their organisation's capital spend has been justifiably invested into energy saving technology. Energy savings delivered by **powerPerfector** units are measured using an objective analysis process of the client's raw half hourly data as provided by their energy supplier. The analysis process is compliant with the globally recognised International Performance, Measurement and Verification Protocol (IPMVP) for evaluating energy efficiency projects; this puts **powerPerfector** at the forefront of savings evaluation in the UK. The final report on the savings and Return on Investment achieved is produced 2-3 months following the installation for the client's review and approval. These reports form the basis of hundreds of case studies, available on request.

We hope that this information is helpful and welcome the opportunity to work through the ESPO process with you.

\*ESPO is a joint Committee of Local Authorities and operates within the Local Government (Goods & Services) Act 1970. It acts as a purchasing agent for its member authorities and other customers and provides a professional cost effective procurement and supply service.

20<sup>th</sup> October 2009