

Case Study

MoD Clearance for Shenton Group Continuous Power Service Contract

Client: MoD

Products and Services Supplied: Standby Generators | Generator Maintenance



OVERVIEW

A remote Ministry of Defence installation, accessible only by boat, relies on a robust supply of continuous power for critical data and operational reasons. Having met stringent security and compliance requirements, contractor Volker Stevin Marine awarded Shenton Group with the responsibility of servicing and maintaining **11 generator sets and 22 Uninterruptible Power Supply systems.**

Volker Stevin Marine is widely acknowledged as one of the UK's leading maritime civil engineering contractors. The company provides the expertise, skills and resources for all types of marine work, including: jetties, port and harbour infrastructure, marinas, coast protection, flood defence, marine piling, quay walls, linkspans and submerged tube tunnels.

PROBLEM

The Ministry of Defence is a large organisation and one that, for those working with and for it, a strict code of practice and confidentiality applies.

A remote site based off the Portsmouth coast relies on continuous power supplies to power information and communications systems carrying critical data, yet the site is not accessible by road, only by boat. Therefore, the scale of this project, coupled with logistical and security considerations presented a unique set of challenges for Shenton Group deadlines. The initial site visit and bespoke design were delivered and signed off within two weeks, and the whole project took just 12 weeks to complete.



SOLUTION

Shenton Group Technical Director, Derek Barry, detailed how Shenton Group was able to demonstrate itself as capable: **“Working for the MoD requires, quite literally, military planning, and Shenton Group has successfully managed a project previously at this site. Shenton Group had already designed, supplied, installed and now maintains a 4-generator project on the same site. Contractor, Volker Stevin Marine, was clearly satisfied by our track-record”.**

This second project required Shenton Group to conduct the service and maintenance of 11 generator sets and 22 UPS systems. The back-up systems are critical for data and operational support. Service and maintenance of both the UPS and the generators is required to maintain the integrity of the site’s back-up power.

All of the equipment is serviced, maintained and all consumables are replaced to ensure the integrity of power supply, should the mains power to the site

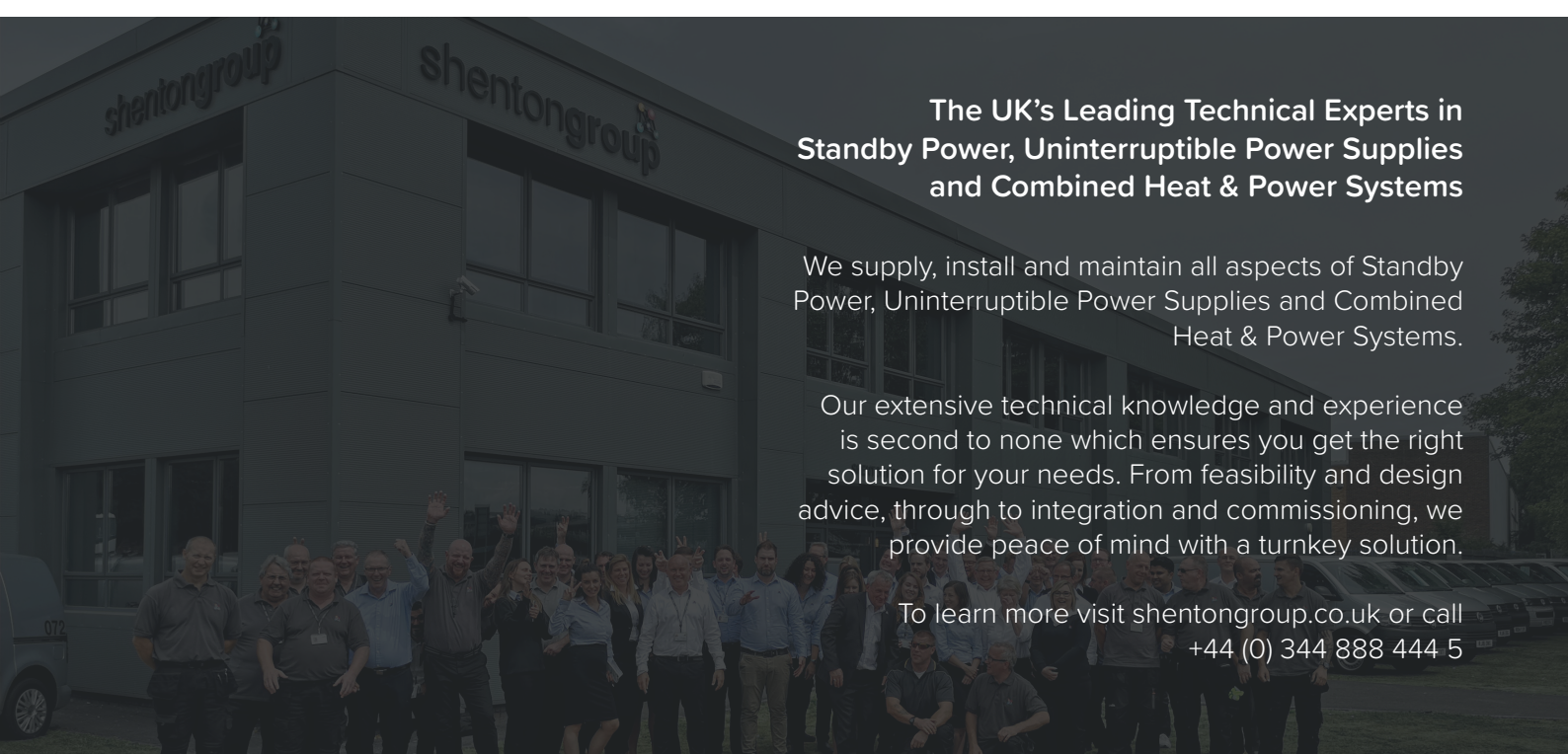
fail. In addition to the standby power systems on the main site, the service contract includes a secondary location, also accessible only by boat.

Shenton Group’s Derek Barry remarked: **“The organisational and security considerations make this particular Shenton Group service package far from standard, but one we have managed and undertaken efficiently and affectively”.**

OUTCOMES

The stringent requirements to be considered for the project were all met by Shenton Group. In addition, all Shenton Group engineers passed the appropriate security clearance levels to be able to work on MoD sites.

The sites now experience secure and continuous power that is guaranteed by Shenton Group’s capable support and maintenance management of such a sensitive project.



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