

SA company involved in Iraqi water project

PSV Holdings group member, APE Pumps, has completed the second of two orders worth a total of R30 million for a water project in Iraq. The latest order comprised a 1600mm single-stage vertical turbine pump, priced at approximately R7 million, identical to three machines delivered in 2005 to the same water supply project about 100km



1600mm APE vertical turbine pump

south-west of Baghdad. The four pumps are the biggest yet, manufactured by Germiston-based APE. Project scope comprises a multi-billion US-dollar rehabilitation of existing canals and pump houses to deliver water to nearby population centres.

APE's vertical turbine pumps are needed to replace obsolete machines within a key existing pump house, and were designed to fit existing sumps and foundations, and align with original pipes. The order for the fourth vertical turbine pump was placed on APE Pumps by Washington International Incorporated, an American project management company. Motor supply and a comprehensive set of spare parts are included.

When fitted with its 1300kW, 420rpm 14-pole electric motor, the pump measures almost 20m in length, and weighs 36 tonnes. Duty is 3800l per second at a head of 20m. Apart from the casing, pump construction is of stainless steel throughout, in order to combat corrosive attack by water pumped at the high Iraqi ambient temperatures of around 50°C. A coating of

Due to its flexibility in many different applications, namely in the commercial and municipal vehicle bodies, the M4 allows for ease of operation and reliable control.

Belzona corrosion resistant compound protects the cast iron casing itself.

Before shipping early in May 2008, witness performance tests will be carried out on the pump at the South African Bureau of Standards facility in Pretoria.

The motor will then be removed and the two machines shipped as separate, but complete assemblies, from South Africa to the port of Umm Qasr in Iraq. Road transport will be used to take the pump to site.