

## FEATURE PUMPS

# South African pumps supplied to Iraqi water project

**A** second of two orders, worth R30-million in total, for a water project in Iraq, has just been completed by pumps and valves supplier PSV Holdings Group member APE Pumps.

The latest order comprises a 1 600-mm single-stage vertical turbine pump, priced at about R7 million. It is identical to three machines delivered in 2005 to the same water supply project, about 100 km south west of Baghdad.

The four pumps are the biggest yet to be manufactured by Germiston-

based APE.

The project scope comprises a multibillion-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 to align with the original pipes.

The order for the fourth vertical turbine pump was placed with APE Pumps by US-based man-



### OFF TO IRAQ

The 1 600-mm APE vertical turbine pump on its way to Iraq

agement company Washington International. Motor supply and a comprehensive set of spare parts are included.

When fitted with its 1300-kW, 420-rev/min 14-pole electric motor, the pump measures almost 20 m in length, and weighs 36 t. Duty is 3800 l/s at a head of 20 m.

Besides the casing, the pump's construction is of stainless steel throughout to combat the corrosive attack by water pumped at the high Iraqi temperatures of about 50 °C. A coating of Belzona corrosion-

resistant compound protects the cast iron casing itself.

Before shipping the pumps out in early May, witness performance tests will be carried out on the pumps 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 then be used to deliver the pump to site.

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