

WEG MOTORS DRIVING THE MINE AT MOATIZE

Zest Electric Motors has once again proven its ability to work cooperatively and productively with large OEMs to ensure timeous delivery of quality projects. The company is currently supplying WEG electric motors, which will drive conveyors, stacker reclaimers and slurry pumps as well as Invicta vibrator motors which will drive screens, to the Moatize coal mine in northern Mozambique.

Owned by Brazilian mining giant Companhia Vale Rio Doce (CVRD), the mine goes into full production in 2011. The life of the mine has been pegged at 35 years and some of the production will fuel a 2000 MW thermal power station in Mozambique with the rest destined mainly for an export market.

Orders for the WEG and Invicta motors were placed in December 2008. Commissioning is scheduled for the beginning of 2011. The project is currently in the construction stage with OEM equipment scheduled for delivery to site during the first quarter of 2010.

Currently valued at R9 million with further orders in the pipeline, the Zest contract comprises the supply of all WEG LV Premium Efficiency 690 V delta wound motors, which are suitable for variable speed drive applications.

Following the successful application of the WEG delta wound motors at the Tenke Fungurume project, Zest has committed to ensuring the adequate stockholding of the specially designed product for both Moatize and Tenke Fungurume.

Zest has worked very closely with Sedgman of Australia, who is responsible for the design and supply of the coal processing plant. Zest's extensive knowledge base assisted Sedgman in ensuring that the proffered motors would meet predetermined operational specifications and loads.

To date, some 240 four-pole and six-pole configuration WEG motors have been ordered with capacities ranging from 0.75 kW to 600 kW.

To ensure that both the delivery and commissioning of the motors goes without a hitch Zest has appointed a dedicated projects manager to coordinate the project.