

Majuba Ash Facility Gives 2020 A Good Start For Concor

Blurb for online media

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MAJUBA ASH FACILITY GIVES 2020 A GOOD START FOR CONCOR

Concor has kicked off the year strongly, winning a significant Eskom contract for the extension of Majuba Power Station's Ash Disposal Facility (ADF).

"This award signals the faith of the market in Concor's stability, depth of expertise and engineering heritage," says newly appointed Concor CEO Lucas Tseki. "As always, there is considerable urgency to complete this project. We look forward to completing it on time and on budget with our well-established commitment to safety and project delivery excellence."

While power stations are generally designed for a life of around 50 years, support facilities like ADFs are often built in phases to optimise initial capital costs. The design for this ADF extension has also considered the changes in environmental legislation.

The contract secured by Concor includes three lined ash platforms and two lined rehabilitation dams; each of these requires subsoil drainage systems, intakes and spillways. The scope of work also includes clearing, bulk earthworks and embankment construction required for the new ash deposition liner terrace, with a subsoil herringbone drainage network.

In addition to constructing a liner system to the terrace area, Concor will install a leachate collection network and system draining to a pollution control dam. The whole contract will include various associated access and other civil works, including extending the ash conveyor route canals on the existing ADF.

The liner systems for the ash facility and the various dams comprise 300 mm of clay as a primary impermeable layer, with a 1,5 mm HDPE geomembrane liner as a barrier. For the ADF, this will be

topped with a 300 mm screened coarse ash ballast or protection layer, while in the dams it will be ballasted with a 300 mm layer of cement-stabilised sand and topped with Armorflex blocks.

The contract will involve over 1,3 million cubic metres of bulk earthworks, almost 540,000 square metres of HDPE lining, 11,600 metres of HDPE drainage piping and 14,000 cubic metres of concrete.

“This type of project amply demonstrates Concor’s capability, expertise and indeed capacity as South Africa’s leading black-owned infrastructure and construction services company,” says Tseki. “Our order book for the year is looking positive, and we are hoping to secure a number of important contracts still to be adjudicated.”

Captions

MAJUBA PIC 01 : Lucas Tseki, CEO of Concor says securing the Majuba Power Station Ash Disposal Facility project demonstrates the company’s capability, expertise and capacity as South Africa’s leading black-owned infrastructure and services company.

Hashtags

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