



Fluor Corporation awarded with Bauxite expansion project in Guinea



Irving, Texas based multinational engineering and construction firm Fluor Corporation has been awarded with a major bauxite expansion

project in Guinea. The engineering, procurement and construction management contract was signed between the representatives of Compagnie des Bauxites de Guinée (CBG) and Fluor Corp. The project, booked at a contract value of \$501 million into backlog in the second quarter of 2016 will expand CBG's bauxite production from 14.5 million to 18.5 million tons per year. The scope of the project includes expansion of the mine infrastructure, rail system, port facility and processing plant

infrastructure and utilities. Fluor has been on board since the early stages of the project executing the feasibility study and early engineering. The project will be CBG's first of a planned three-phase expansion and is expected to complete in 2018. "Fluor has worked with CBG to develop a capital-efficient solution that combines delivery predictability and flexibility for maintenance and future expansions," said Rick Koumouris, president of Fluor's Mining & Metals business. "Given the project's location and unique logistical challenges, Fluor will bring unmatched technical and execution expertise, as well as the requisite Guinea experience, to deliver this project safely, on schedule and on budget."

CBG is jointly owned by the Government of Guinea and the Halco Mining consortium comprising Rio Tinto, Alcoa, and Dadco Investments.

IronRidge unveils new bauxite resource in Australia



IronRidge Resources has unveiled an initial 4.9 million tonne (MT) resource of bauxite at its Monogorilby project in Queensland, Australia.

Bauxite is processed to produce aluminium and this maiden resource comes a time when major miners are approving significant long-term project expansions to meet growing demand, the group said.

Early test work has shown that good to premium quality DSO (Direct Shipping Ore) and the most desirable iron product could be processed through simple crushing and screening.

Meanwhile, a fair quality DSO at 38 per cent mass recovery could also be beneficiated by simple crushing and screening, the mining firm said. The mineralisation is on slopes and atop hills meaning low stripping ratios.

Chief executive Vincent Mascolo said, "We are very pleased to report the maiden bauxite resource; not only does it confirm a newly identified bauxite province with significant scale potential, but it is also located less than 55km from a dormant rail system connected to the operational port of Bundaberg.

"Surface mineralisation beneficiates through simple crushing and screening up to a premium 52% alumina DSO, with desirable gibbsite mineralogy.

"Resource scale potential, proximity to infrastructure and a premium DSO product, all point to an exciting, potential low capital intensity project with potential low stripping ratios and operating costs."

Notably the project could be further enhanced by mining for titanium as high-grade results averaging 3.8 per cent to 5 per cent TiO₂ consistently occur above and below the bauxite horizon, he added. Bauxite prices are buoyant at around US\$49.5 per tonne.

Nalco signs MOU with Government targeting higher output



India's National Aluminium Company Limited (Nalco) and the Ministry of Mines announced the signing of a Memorandum of Understanding setting forth higher output targets for the current fiscal year.

Under the memorandum, Nalco's targeted revenue (less exise duty) has been pegged at US\$1.06 billion. Output targets rose as well, to 2.1 million metric tons for alumina, and 385,000 metric tons of elemental aluminium. In the previous fiscal year, Nalco produced 1.95 million metric tons of alumina and 372,000 metric tons of aluminium.

Nalco also updated their capex target for the current fiscal year, according to the memorandum. The firm expects to invest US\$152 million on projects including the development of Utkal D & E coal blocks, wind power projects in Maharashtra and Rajasthan of 50 MW each, the addition of fifth line in the Damanjodi, Koraput alumina refinery, and a 20 MW solar power project in Madhya Pradesh, and other modernization activities.

The memorandum was executed in New Delhi by Balvinder Kumar, IAS, Secretary, Ministry of Mines, and Dr. Tapan Kumar Chand, CMD, Nalco. It was based upon new DPE guidelines and was finalised after discussions between representatives of Nalco and both the Inter-Ministerial Committee and the Ministry of Mines. N.B. Dhal, IAS, Joint Secretary, Ministry of Mines, N.R. Mohanty, Director (P&T), Nalco, K.C. Samal, Director (Finance), Nalco and other senior officials of Ministry and Nalco appeared for the signing ceremony.