

Executive Summary

HINDALCO INDUSTRIES LIMITED (HINDALCO), a flagship company of the Aditya Birla group, is one of the largest industrial groups in India. Hindalco Industries is one of the leading producers of aluminium in the country. The company business involves bauxite mining to alumina refining. Alumina metal conversion, sheet, extrusion, foil manufacturing and is spread all over the country. The company is operating number of bauxite mines in Maharashtra, Karnataka, Odisha, Chhattisgarh and Jharkhand to feed the Alumina Plants located in Belgaum, Renukoot, Muri & Rayagada. Hindalco is a Public Limited Company.

Maliparbat Mining lease was executed on 08.11.2007. The Maliparbat bauxite mine obtained environment clearance for 0.6 MTPA vide No.J-11015/411/2005-IA.II(M) dated: 7th September 2006.

The present proposal is for expansion of production of bauxite from 0.6 MTPA to 0.9 MTPA over an area of 268.11 hectares in villages Aligoan, Kankaramba (Maliparbat) involving a project cost of about Rs 24 crores. The bauxite mine at Maliparbat hill range is located in Pottangi tehsil of Koraput district of Odisha.

The bauxite mined out from the Maliparbat mine will be used in existing Hindalco's Alumina refineries located at Renukoot (Uttar Pradesh), Muri(Jharkhand) & Belgaum(Karnataka). HINDALCO has also submitted proposal to Govt of Odisha to supply bauxite of Maliparbat to Utkal Alumina refinery (Subsidiary of Hindalco) at Rayagada, Odisha. The supply of Bauxite from Maliparbat mines to its above mentioned Alumina Refineries will depend based on demand supply scenario applicable at that point of time.

The lease area of 268.110 hectares falls under Aligoan-Kankaramba Village, Pottangi Tehsil, Koraput District, Odisha. The lease area falls under the Survey of India topo sheet no. 65J/13, J/14 and 65 N/2 and bounded by latitude of 18° 39' 32.810" to 18° 40' 28.384" N & longitude of 82° 53' 22.815" to 82° 55' 50.244" E. Maliparbat M.L area is accessible from Koraput, district Head Quarter covering a distance of 34 km consisting of 2 km all weathered road between village Doliamba and M.L area, 5 km metalled road between Semiliguda on NH-43 and 27 km between Koraput and Semiliguda. There are no rehabilitation and resettlement works to be carried out. The complete area is under possession of HIL.

The proposed enhancement in Bauxite production will be achieved by opencast mechanized mining method. The main operation shall include removal and stacking of top soil and Overburden by excavator cum loaders, exposing the bauxite zone

which will be followed by Bauxite excavation through controlled drilling & blasting and sizing through crusher. The remaining rejects will be used for backfilling. Once Mines progresses and sufficient void created, simultaneous back filling will be started mined out areas.

A total of 180 persons will be employed for average production of 3600 t bauxite / day. Power will be made available from two DG set of 45 kva and 100 kva. The power is required only for Weigh Bridge, office & establishments and lighting of roads etc. DG set will be provided by the vendor. The service centre will be provided with auxiliary facilities, namely quality control centre, repair and maintenance shop, stores, training centre, canteen, ambulance room, transport, communication facilities, the utility supplies, namely power and water supply systems, and the auxiliary facilities.

M/s VIMTA Labs Limited, Hyderabad (NABET/EIA/1720/SA088), has been retained to carryout EIA studies and for obtaining Environmental Clearance from MOEF&CC.