

Summary of Banhardih coal block

Banhardih Coal Mine Block has been allocated to PVUNL for captive mining for supply of coal to their Patratu STPP, which is at a distance (MGR + Railway) of approximately 75 km from Patratu STPP.

Block area is 1818.10 ha. As per approved Mining Plan, the total mineable reserve is 250.50 Million Metric Tonnes (MMT) at a strip ratio of 4.68 cm/t. Mine life is 33 years including 3 years of re-handling of OB). Peak rated capacity of the mine is 12 MTPA.

Brief scope of work of MDO

The MDO shall plan, design, engineer, finance, construct, develop, operate and maintain the Banhardih Coal Block (for which Mining Plan and Mine closure Plan has been approved by MoC) to deliver coal of specified quantity and quality to PVUNL. It includes removal of overburden/Interburden by mechanized means, loading, transportation, dumping at designated sites, dozing, leveling at OB dumping site to ensure progressive mine closure, mining of coal by mechanized means, supply of coal of (-) 100 mm size, loading, transportation of coal upto railway siding of MGR at mine end, loading into railway wagons, Obtaining statutory all requisite statutory approvals etc., It also includes rehandling of OB from external dump to mine void.

The mine development shall interalia involve land acquisition and R&R related activities such as interaction with PAPs, State Government and other agencies, physical possession of land for mining and MGR system etc. It also includes development of infrastructures facilities like equipment workshop, electrical substations, pumping arrangements, haul road maintenance, construction of internal roads etc., and discharge of coal to delivery point and compliance to all statutory rules, regulation and laws as applicable.