

### **Project Summary :**

ARYAN ISPAT & POWER PRIVATE LIMITED (AIPPL) is a private limited company, incorporated under the provisions of Companies Act 1956. The company was formed by the promoters of ACB (India) Limited (Formerly known as Aryan Coal Beneficiations Pvt. Ltd.) and Mahavir Global Coal Limited. Presently the promoters are Mahavir Global Coal Limited, Param Mitra Investments Private Limited and ACB (India) Limited.

The company has following offices/plant in India: -

**Registered Office:** 1<sup>st</sup> Floor, Building No.8, Community Center, Basant Lok, New Delhi

**Works:** Vill. Bomaloi, Tehsil-Rangali Dist. Sambalpur, Orissa

The main objective of the Company is as under: -

To manufacture, Purchase, Sell, Imports, Exports and deal of Sponge Iron, Ingots, Alloys, Pig Iron, Special Steel, Stainless Steel, Cold & Hot Rolled Steel, and all type of material required for manufacture of alloy, tool and special steel, steel casting, fabrication, smelting, rolling & forging steel, alloy steel business.

The project envisages manufacturing of steel from the mineral stage (Iron Ore) with final output of value added products.

M/S Aryan Ispat & Power Private Limited (AIPPL) intends to expand its coal washery capacity from 0.7 MTPA to 5.70 MTPA. The expansion is envisaged based on Heavy Media Cyclone process. The washery will produce washed coal of an average ash around 34% (GCV 4350 Kcal / kg.), middling (ash content about 58%) of GCV around 2350 Kcal per Kg useable as fuel in FBC boilers. In the washing process, waste in the form of rejects (ash content about 86.5%) with no useful heat value (3-4% Carbon) will also be generated.

The proposed expansion will be the State-of-the-art with close circuit water system, classifying cyclone, high frequency screens, thickener and multi roll belt press filters.

### **Location :**

Latitude: 22°08' 02.39" - 22°08 '19.41" N

Longitude: 83°14' 30.21" - 83°14' 50.01" E

**Land requirement :** Approximate 30.47 acres (own possessions)

**Cost of Project :** Rs. 60.07 Crores

**Technology :** Heavy Media Cyclone (Wet Process) technology will be used for beneficiation of coal.

**Water requirement :** 55 m<sup>3</sup>/hr water is required for the proposed washery. 4.41 cusecs water from Hirakud Reservoir allocated (Letter no. Irr – II – WRC - 58/14/13667/WR dated 05/06/14) for integrated steel plant is adequate to meet additional water demand of 55 m<sup>3</sup>/hr.