
(IV). **PROPOSED TERMS OF REFERENCE FOR EIA STUDIES**

Based on the information furnished in Form – I, the Terms of Reference (TORs) for undertaking detailed EIA is proposed as under :

- i) The **proposed project** under consideration is Padmapur extension deep OC Mine located in Tahsil - Chandrapur, Dist - Chandrapur, State - Maharashtra as shown in the plan (Pate – I) and fall under the administrative control of Chandrapur Area of Western Coalfields Limited.
- ii) The study area will comprise of 10 km (radius) zone around the mine lease as shown in the enclosed plan (Pate – II).
- iii) The proposal is for Padmapur extension deep OC mine for a peak capacity of 3.25 million tones per annum (3.25 MTPA). The total land involved is 837.19 ha (including forest land of 64.20 ha). The acquisition of land shall be done as per the laid down procedures of the Company and necessary provision of compensation towards this acquisition has been made in the sanctioned project report.
- iv) A site plan entitled quarry and surface layout plan which will show the details of mining project, administrative block, colony, workshop, stores, coal stock yard etc. will be enclosed with the EMP. This plan will form the part of detailed EIA study.
- v) One season/ one month (baseline studies already conducted during Nov'15 to Jan'16) primary environmental data will be generated at base line frequency (covering ambient air quality – PM10, PM2.5, SO2, Nox, Water Quality, Noise level, soil characteristics & flora & fauna) in the study area. This will form the basis of detailed EIA study.
- vi) Hydro geological study including water balance study in the study area will be carried out and will be further detailed in the EIA Study. It will also include the impact of pumping of ground water & its discharge into natural water body in the area.
- vii) Prediction of impact on different environmental components inter- alia.
 - a) Ambient air including noise.
 - b) Water.
 - c) Soil/Land
 - d) Socio-economic will be carried out.
- viii) Impact due to blasting, noise & vibrations will be carried out.
- ix) Details of land use, waste generation, stage-wise land use & reclamation area, stage-wise cumulative plantation and post mining land use pattern will be provided in detail in EMP report
- x) Details of effluent treatment in colony/township will be provided.
- xi) Details of control of pollution level will be provided.
