

PROPOSED TOR

1. A map showing core zone and 10km area of the buffer zone (1: 50,000 scale) clearly delineating the major topographical features such as the land use, surface drainage of rivers/streams/nallahs /canals, locations of human habitations, major constructions including railways, roads, pipelines, major industries/mines and other polluting sources will be prepared. In case of ecologically sensitive areas such as Biosphere Reserves/National Parks/WL Sanctuaries/ Elephant Reserves, forests (Reserved/Protected), migratory corridors of fauna, and areas where endangered fauna and plants of medicinal and economic importance found in the 15 km area of the buffer zone will be given.
2. The land use plan of the mine lease area to be given in Pre-feasibility Report to encompass pre-operational, operational and post-operational phases.
3. Land use map (1: 50,000 scale) based on a moderate/ high resolution Satellite imagery of the study area will be provided.
4. Location of National Parks, Wildlife Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/ Elephant Reserves (existing as well as proposed) within 10 km of the mine lease will be clearly indicated. The same will be authenticated by the Chief Wildlife Warden/ State Wildlife Department.
5. A study will be carried out to decide the quantum of mineral which can be removed on sustainable basis taking into account the replenishment potential of the area.

6. Impact on topography, drainage, agricultural fields, cattle fields, wildlife, water logging leading to water borne diseases, if any, will be shown, whether it will change the watercourse of the river. Modeling exercise will also be carried out.
7. A detailed biological study for the project [core zone and buffer zone (10 km radius of the periphery of the mine lease)] will be carried out.
8. There will be no rehabilitation and hence no R&R plan is required.
9. Collection of one season data i.e. primary baseline data.
10. The base- line environmental data will be generated by baseline monitoring of environment conditions. (Primary and base- line data will be generated in the study area of 10 km from the mining lease boundary).
11. Air quality modeling will be carried out for prediction of impact of the project on the air quality of the area.
12. The water demand will be met from tanker supply water .
13. Impact on the water quality, both surface and ground water and necessary safeguard measures will be elaborated in the EIA/ EMP report.
14. Information on site elevation, working depth, ground water table will be provided in meter and will be elaborated in EIA/EMP report.
15. The ground water table varies from 6m - 8 m below. The working depth will be 3.0m. Hence water table will not be encountered

during the life of mine. Mining activity will not be done in the monsoon period.

16. The temporary facilities provided to the mine workers will be elaborated in EIA/EMP report.
17. Impact on local transport infrastructure due to the proposed project will be elaborated in EIA/ EMP report
18. Socio-economic aspects will be analyzed from baseline collection of the data and will be further in-depth studied with the secondary data including Census of India collected using appropriate sampling technique. The socio - economic impact on the local community will be elaborated in EIA/ EMP report with the effective CSR on need - based assessment.
19. Based on the baseline data and predicted environmental impacts, mitigation measures and EMP will be suggested in EIA/ EMP report.
20. Public hearing will be conducted within close proximity of the project site.
21. Public hearing points raised and commitment of the project proponent on the same time bound action plan will be elaborated in the EIA/EMP report.
22. The socio-economic influence to the local community will be elaborated in EIA/ EMP report.
23. The Environment Management Plan to mitigate the Environmental impacts will be given in EIA/ EMP report.
24. The cost of the project (capital cost and recurring cost) as well as the cost towards implementation of EMP will be clearly indicated in EIA/ EMP report.

25. Any litigations pending against the proposed project and / or any directions or orders passed by any court of law/any statutory authority against the project will be detailed out.

Any other as suggested by EAC