

REQUEST FOR TOR

The Applicant **The Executive Engineer, Water Resources Department, Mining and Monitoring Division, Tiruchirappalli District** has applied for Sand Quarry Project over an Extent of **24.00.0** Ha of Government land (River Poramboke) in S.F.No. 214 (Part) and 234 (Part) of Virahalur Village, Lalgudi Taluk, Tiruchirappalli District, Tamil Nadu State. The Mining plan was approved by the Assistant Director, Department of Geology and Mining, Tiruchirappalli vide Rc.No. 698/2021/Mines Dated: 12.05.2022. Hence, now the proposal is submitted to SEIAA for subsequent clearance & approval. We request you to kindly process our proposal for grant of TOR/Environmental Clearance.

Proposed Terms of reference

Proposed Terms of Reference (TOR) for carrying out Environmental Impact Assessment (EIA) and preparing Environmental Management Plan for Mining as per the EIA Notification, 2006 and subsequent amendments are as per follows:

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 are found, an area of 10 km from lease boundary will be given.

2. A study will be carried out to decide the quantum of mineral which can be removed on sustainable basis considering the replenishment potential of the area.
3. 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. Modelling exercise will also be carried out. 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.
4. Map showing the core and buffer zone delineating the agricultural land (irrigated and unirrigated), uncultivable land (as defined in the revenue records), forest areas (as per records), along with other physical features etc. will be furnished as per the norms for 'B' category.
5. There will be no rehabilitation and hence no R&R plan is redundant.
6. Collection of one season data i.e., pre- monsoon (2017) primary baseline data.
7. 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)

8. The water demand will be met from tanker supply.
9. Impact on the water quality, both surface and ground water and necessary safeguard measures will be elaborated in the EMP report
10. Information on site elevation, working depth, ground water table will be provided in meter and will be elaborated in EMP report of Mining plan.
11. The temporary facilities provided to the mine workers will be elaborated in EMP report
12. Impact on local transport infrastructure due to the proposed project will be aborted in EIA/ EMP report.
13. Socio-economic aspects will be analysed from baseline collection of the data and will be studied further in-depth with the secondary data including Census of India data 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.
14. Based on the baseline data and predicted environmental impacts, mitigation measures and EMP will be suggested in EIA/ EMP report.
15. The socio-economic influence to the local community will be elaborated in EIA/EMP report.
16. The Environment Management Plan to mitigate the environmental impacts will be given in EIA/ EMP report.

17. 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.

"I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be my risk and cost".

Yours Faithfully,



The Executive Engineer,
Water Resources Department,
Mining and Monitoring Division,
Thiruchirappalli.