

## **Proposed Terms of Reference (TOR) for the project**

1. Executive summary
2. Project Description and Project Benefits
3. Site details within 1 km of the each proposed well
4. Permission from the State Forest Department regarding the impact of the proposed activity on the surrounding National Park/Wild life sanctuary/Reserve forest/Eco sensitive area, if any.
5. Baseline data collection for air, water and soil for one season leaving the monsoon season near the proposed locations:
  - i. Ambient Air Quality monitoring for PM<sub>10</sub>, PM<sub>25</sub>, SO<sub>2</sub>, NO<sub>2</sub>, Benzene, Benzo (a) Pyrene (BaP), NH<sub>3</sub>, CO, Methane, and non-methane HC, Pb, As and Ni.
  - ii. Soil sample analysis
  - iii. Surface and ground water quality
  - iv. Climatology and Meteorology including wind speed, wind direction, temperature, rainfall etc.
  - v. Measurement of Noise levels within 1 km radius of the proposed wells
6. Incremental GLC as a result of DG set operation
7. Actual source of water and Permission for the drawl of water from the Competent Authority. Detailed water balance, waste water generation and discharge.
8. Noise abatement measures and measures to minimize disturbance due to light and visual intrusions in case coastally located.
9. Treatment and disposal of waste water.
10. Treatment and disposal solid waste.
11. Handling of spent oils.
12. Storage of chemicals and diesel at site.
13. Hazardous material usage, storage and disposal
14. Risk assessment and mitigation measures including whether any independent reviews of well design, construction etc. for prevention of blow out.
15. Mud make up and mud and cuttings disposal procedures.
16. H<sub>2</sub>S contingency plan.
17. Disposal of packing waste from the site.
18. Produced oil handling and storage.
19. Whether any burn pit being utilized for well test operations.
20. Restoration and decommissioning plans.
21. Measures to protect ground water and shallow aquifers from contamination.
22. Environmental management plan.
23. Documentary proof of membership of common disposal facilities, if any.
24. Details of all environment and safety related documentation within the company in the form of guidelines, manuals, monitoring programmes including Occupational Health Surveillance Programme etc.

25. Any litigation pending against the project or any directions/order passed by any Court of Law against the project. If so, details there of
26. Total project cost along with capital and recurring cost for environmental pollution control measures.