

F. No. J-11011/563/2011-1A-II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

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Dated : 28th May, 2012

To,

Shri Dr. Subir Kumar DGM (Chem) - Head HSE
M/s Oil & Natural Gas Corporation Ltd. (ONGCL)
HSE Section, Chinamara Complex
Jorhat - 785 704
Assam

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Subject : Development Drilling in 2 onshore wells in Khoraghat Extension ML Block
KHDF & KHDE, Assam by M/s Oil & Natural Gas Corporation Ltd (ONGCL) -
TOR reg.

Ref. : Your letter no. A&AAB/HSE/EC/TOR/(2)/2011 dated 10th November, 2011

Sir,

Kindly refer your letter no. A&AAB/HSE/EC/TOR/(2)/2011 dated 10th November, 2011 alongwith project documents including Form-I, Pre-feasibility Report and draft 'Terms of Reference' as per the EIA Notification, 2006. It is noted that proposal is for Development Drilling in 2 onshore wells in Khoraghat Extension ML Block KHDF & KHDE, Assam by M/s Oil & Natural Gas Corporation Ltd (ONGCL).

2.0 Draft Terms of Reference (TOR) have been discussed and finalized during the 32nd Expert Appraisal Committee (Industry-2) meeting held during 16th -17th February, 2012 for preparation of EIA/EMP. Following are the TORs:

1. Executive summary of the project
2. Project description, project objectives and project benefits.
3. Site details within 1 km of the each proposed well, any habitation, any other installation/activity, flora and fauna, approachability to site, other activities including agriculture/land, satellite imagery for 10 km area.
4. Details of forest land involved in the proposed project. A copy of forest clearance letter, if applicable.
5. A copy of forest clearance for the KHDF.
6. Status of land acquisition for the location KHDE.

7. Permission from the State Forest Department regarding the impact of the proposed plant on the surrounding National Park/Wild life Sanctuary/Reserve Forest/Eco sensitive area, if any. Approval obtained from the State/Central Government under Forest (Conservation) Act, 1980 for the forestland should be submitted.
8. Distance from nearby critically/severely polluted area as per Notification dated 13th January, 2010, if applicable.
9. Details of all the environmental clearance obtained for the block alongwith pointwise compliance report.
10. Details of facilities (GGS, OCS, disposal of produced water, treatment facility etc) to be developed/has been developed for the project.
11. Does proposal involves rehabilitation and resettlement? If yes, details thereof.
12. Details of project cost.
13. Environmental considerations in the selection of the drilling locations for which environmental clearance is being sought. Present any analysis suggested for minimizing the foot print giving details of cilling and development options considered.
14. Baseline data collection for air, water and soil for one season leaving the monsoon season in an area of 10 km radius with centre of Oil Field as its centre covering the area of all proposed drilling wells.
- (i) Topography of the project site.
- (ii) Ambient Air Quality monitoring at 8 locations for PM₁₀, SO₂, NOx, VOCs, Methane and non-methane HC.
- (iii) Soil sample analysis (physical and chemical properties) at the areas located at 5 locations.
- (iv) Ground and surface water quality in the vicinity of the proposed wells site.
- (v) Climatology and Meteorology including wind speed, wind direction, temperature rainfall relative humidity etc.
- (vi) Measurement of Noise levels within 1 km radius of the proposed wells.
- (vii) Vegetation and land use; Animal resources
15. Incremental GLC as a result of DG set operation.
16. Potential environmental impact envisages during various stages of project activities such as site activation, development, operation/ maintenance and decommissioning.
17. Actual source of water and 'Permission' for the drawl of water from the Competent Authority. Detailed water balance, waster water generation and discharge
18. Noise abatement measures and measures to minimize disturbance due to light and visual intrusions in case coastally located.
19. Treatment and disposal of waste water.

[Signature]