



Office of the Deputy Commissioner
Hojai District
Shankardev Nagar, Hojai

No. HJF01/2017/315

Dated: 25/08 /2017

To,

Md. Farhan Uddin.
S/O Late Abdul Goni.
Vill.- Kacharipara
P.S & P.O.- Daboka
Dist.- Hojai (Assam)
Pin-782440.

Sub:- Environmental clearance for extraction of Stone Boulder from Modertoli Stone Mining Unit No.4 in Daboka R.F. under Nagaon South Forest Division, Hojai.

Ref.: (1) Your Application Dated : 25-08-2017

(2) DFO, Nagaon South Division, Hojai's letter No. FNST/B/Permit/ 2017/8252, Dated- 25/08/2017

This has reference to your application vide letter dt. 25-08-2017 along with Mining plan etc. seeking environment clearance for the proposed Stone Boulder from Modertoli Stone Mining Unit No.4 in Daboka under Nagaon South Division, Hojai, Assm under Environment Impact Assessment Notification 2006. The capacity of the project is as follows.

- 1) Total Mining of stone boulder (open extraction)- 50000 M³ within 5 years. (excluding overburden)
- 2) Annual extraction 10000 M³

The stone boulder will be extracted manually from the Modertoli Stone Mining Unit No.4. The total mine area is 1.0 Ha. The stone mining area falls under Jamuna Valley Range, Daboka, inside Daboka R.F. under Nagaon South Division, Hojai.

The Geo-co-ordinates as per Range Forest Officer, J.V. Range, Daboka's report as mentioned below:

Longitude (East)	Latitude (North)
A. = E 92° 49' 46.693"	N : 26° 09' 0.375"
B. = E 92° 49' 51.095"	N : 26° 09' 2.595"
C. = E 92° 49' 48.718"	N : 26° 09' 4.064"
D. = E 92° 49' 44.397"	N : 26° 09' 1.947"

The proposal has been examined and processed in accordance with EIA Notification 2006 and its amendment thereof. The DEIAA, Hojai examined the application in its meeting held on 25-08-2017 and found that the project is under 1(a), and considered as B2 Category of EIA Notification 2006, and its subsequent amendments, specially the Govt. of India, Ministry of Environment, Forest and Climate Change' notification dated 15/01/2016 and 20/01/2016 issued under Environment (Protection) Act, 1986 for issue of Environmental Clearance. After discussion, the DEIAA, Hojai recommended the proposal for issue of Environmental Clearance. Accordingly the DEIAA, Hojai accorded Environmental Clearance to the project as mentioned above subject to the compliance of following specific and general conditions.

I. Specific Condition:

1. The legal status of the forest land remains unchanged.
2. The lease holder shall undertake adequate safeguard measures during collection of material and ensure that due to this activity, the hydro geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine area during the mining operation, If at any stage, it is observed that the groundwater table is getting deleted due to the mining activity, necessary corrective measures shall be carried out.
3. Non mechanized and low impact extraction of stone boulder shall be undertaken 'opencast method of mining'
4. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particular matter such as at loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the State Pollution Control Board in this regard. The status of implementation of measures taken shall be reported to DEIAA and work shall be completed before the start of mining.
5. No tree- felling shall be done in the lease area, except only with the permission from the competent authority.
6. Quarrying shall be restricted within the area as per Geo-co-ordinates mentioned above.

7. the blasting operation shall be undertaken by competent persons as per mining plan Rules & Regulations in force within maximum precautions to make the blasting operation safe.
8. Frequency of blasting can be optimized by use of delay detonators to reduce the noise and vibration within the threshold limit.
9. Blasting Pattern, stemming, charge per hole should be designed on the basis of field trials to control the flying rocks.
10. Adequate sirens, signals, posting of guards at strategic points before blasting shall have to be provided.
11. Wet drilling method is to be adopted to control dust emissions, delay detonators and shock tube initiation system for blasting shall be used so as to reduce vibration and dust.
12. Drilling and blasting (wherever required) shall be done only either by licensed explosive agents only or by the proponent after obtaining required approvals from competent authority.
13. The explosive shall be stored at site as per conditions stipulated in the permits issued by the licensing authority.
14. There shall be stockyard to stock boulder outside the quarry site.
15. Fugitive dust emissions from the sources should be controlled regularly.
16. The suitable garland drains on the periphery of quarry site shall be constructed so that surface water carrying loose silt/ fine stone powder is drained into garland drain. Garland drain will pass through settling tank before water is discharged into natural drainage system or is used spraying.
17. User agency shall take all suitable measures to prevent probable erosion as well as land slips due to quarry operation or removal of stone.
18. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
19. The following measures are to be further implemented to reduce air pollution during transportation of mineral:
 - (i) Roads shall be graded to mitigate the dust emission.
 - (ii) Over filling of tippers and consequent spillage on the roads shall be avoided.
20. the following measures are to be implemented to reduce noise pollution :-
 - (i) Proper and regular maintenance of vehicles and other equipment.
 - (ii) Limiting time of exposure of workers to excessive noise.
 - (iii) The workers employed shall be provided with protection equipment and earmuffs etc.
21. Measures should be taken to comply with the provisions laid under Noise Pollution (Regulation and Control) (Amendment) Rules, 2010 issued by the MoEF, Govt. of India.
22. Topsoil, if any shall be stacked properly with proper slope with adequate measures and should be used for plantation purpose.
23. Mining shall be limited to day hours time only.
24. No mining shall be carried out in the safety zone of any bridge and/ or embankment.
25. No mining shall be carried out in the vicinity of natural / man made archeological sites.
26. No wildlife habitat will be infringed.
27. Green belt development shall be carried out 20% of total mine area either on river bank or along road side considering CPCB guidelines with native tree species in the mining area.
28. User agency shall not make any fresh approach road over any part of the forest land but may use existing forest road only.
29. Appropriate mitigative measures shall be taken to prevent any kind of pollution. It shall be ensured that there is no leakage of oil and grease from the vehicles used for transportation.
30. Special Measures shall be adopted to prevent the nearby settlements from the impacts of mining activities.
31. Dispensary facilities for first-aid shall be provided at site.
32. Occupational health surveillance program of the workers should undertaken periodically.
33. Ambient air quality will be monitored at the site and the nearest habitation regularly and report should be submitted to the concerned authority.
34. Conservation measures shall be taken for protection of Flora & Fauna in the core and buffer zone.

II. General Condition:

1. All necessary statutory clearance shall be obtained from competent authority in connection with mining operation and copies of the same shall be submitted to DEIAA, Hojai Dist. Assam.
2. The project proponent shall submit the copies of the Environment Clearance to the Head of the local bodies / Panchayats / local bodies in addition to the relevant offices of the Govt. who in turn has to display the same for 30 days from the date of received. .
3. User agency shall comply the provisions framed under Assam Minor Mineral concession Rule 2013.
4. A separate corpus should be located for reclamation and rehabilitation of the mined out area.
5. The project proponent shall advertise at least in two local Newspaper widely circulated one of which shall be in the vernacular language of locality concerned, within 7 days of the issue of the clearance latter

informing that the project has been accorded Environmental Clearance and a copy of the clearance letter is available with the web- site of P.C.C.F, Assam, i.e. WWW.assamforest.in.

6. The DEIAA Hojai Dist. Assam may alter / modify the above conditions or stipulate any further condition in the interest of environment protection.
7. Concealing the factual date or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) act 1986.
8. The DEIAA, Hojai Dist. Assam may revoke or suspend the order, if implementation of any of the above condition is not found satisfactory. DEIAA, Hojai Dist. Assam will monitor the operation area time to time and project component shall be extended full support for the same.
9. The above conditions will be enforced inter-alia under the provision of water (Prevention & Control of Pollution) Act 1974, the air (Prevention & Control of Pollution) Act 1981, the Environment (Protection) Act 1986 and the public liability Insurance Act. 1991 along with their amendments & rules.
10. The protection proponent shall submit half yearly compliance reports in respect of the terms and conditions stipulated in this order to the Regional Office, MOEF, Govt. of India Shillong.
11. The Environment Clearance is valid for a period of 5 (five) years from the date of agreement for operation of the mining unit.
12. Processing fees shall be paid in due course to the DEIAA, Hojai in shape of Bank Draft subject to the approval of the Finance Dept. Govt. of Assam.

Sd/- Chairman.

DEIAA, Hojai District
Shankardev Nagar, Hojai

Dated: 25-8-2017

No. HJF01/2017/314A

Copy to:-

1. The Principal Secretary /Secretary to Govt of Assam, Environmental & Forest Department, Dispur, Guwahati-6 for favour of information.
2. The PCCF & HoFF, Department of Forest and Environment, Govt of Assam, Punjabari, Guwahati-37 for favour of information.
3. The Principal Chief Conservator of Forests (T) Upper Assam Zone, Kacharighat, Guwahati-1 for favour of his kind information
4. The Conservator of Forests, Northern Assam Circle, Tezpur for favour of his kind information.
5. The Divisional Forest Officer. Nagaon South Division, Hojai for information & necessary action.

Sd/- Chairman.

DEIAA, Hojai District
Shankardev Nagar, Hojai
Shankardev Nagar, Hojai