



STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, ASSAM
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE, GOVT OF INDIA
BAMUNIMAIDAM, GUWAHATI 781021, ASSAM.

No. SEIAA.1193/2020/EC/19 /1132

Dated: 9/10/2020

Proposal No.SIA/AS/MIN/44487/2019

To

Hills Trade Agencies
407, 4th Floor, P. B. Complex
A.T. Road, P.O. Panbazar,
Dist. Kamrup (M), Assam

Sub: - Environment Clearance for Extraction of Stone from "Jagiroad Stone mahal No. F (2)" under Western Range, Dharamtul of Nagaon Forest Division, Dist. Nagaon, Assam by Hills Trade Agencies.

This has reference to your application for Prior Environmental Clearance Ref: HTA/2019-20/036 dtd. 27/09/2019 along with Form-1M, Mining Plan, NOC from D.C. Office, Joint Verification Report, D.F.O. letter, Indent Copy, Google map with G.P.S. Co-ordinates and other relevant documents for Extraction of Stone from "Jagiroad Stone mahal No. F (2)" under Western Range, Dharamtul of Nagaon Forest Division, Dist. Nagaon, Assam.

The quantity of Stone to be collected is:

1. Stone: 20,000(Twenty Thousand) m³ for 2 (Two) years @ 10,000 (Ten Thousand) m³ for per annum.
2. Total Allotted & Mining area: 1.00 Ha.

The collection of Stone shall be extraction from the area of the GPS Co-ordinates as per Mining plan as mentioned below:

<u>Longitude (East)</u>	<u>Latitude (North)</u>
1. E- 92 ⁰ 11'20.827"	N- 26 ⁰ 06'29.840"
2. E- 92 ⁰ 11'24.980"	N- 26 ⁰ 06'33.750"
3. E- 92 ⁰ 11'26.545"	N- 26 ⁰ 06'32.406"
4. E- 92 ⁰ 11'22.392"	N- 26 ⁰ 06'28.496"

The Stone shall be collection manually/semi mechanized way from "Jagiroad Stone mahal No. F (2)" under Western Range, Dharamtul of Nagaon Forest Division, Dist. Nagaon, Assam.

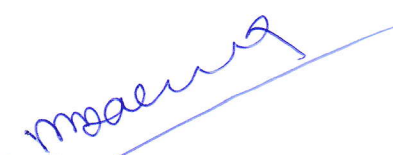
The proposal was examined and processed in accordance with EIA Notification 2006 and its amendment thereof. The State Level Expert Appraisal Committee (SEAC), Assam examined the documents of the proposal for extraction of Stone at its meeting held on 19/09/2020. Accordingly the application was discussed and thoroughly scrutinized by the SEAC and found that the project falls under 1(a) and considered as B₂Category of EIA Notification 2006 and subsequent amendment. The Committee recommended the project to the SEIAA, Assam for issuance of Environmental Clearance.

Based on the recommendation of the SEAC, the State Environment Impact Assessment Authority, Assam (SEIAA) considered the proposal in its meeting held on 30/09/2020 and accords Prior Environmental Clearance to the project as mentioned above under the provision of EIA notification 2006 and its subsequent amendments issued under Environment Protection Act 1986 subject to compliance of following specific and general conditions.


The operational area of mining must be confined to the given 1.00 Ha area bound by the coordinates mentioned above and there shall not be any other area of mining contiguous to this. The project proponent is to submit a declaration in writing to this effect before commencement of the work.

I. Specific Conditions:

1. The legal status of the mining area remains unchanged.


Member Secretary
SEIAA, Assam


2. The lease holder shall undertake adequate safeguard during collection of Stone 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 lease area during the mining operation. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
3. Manually/semi-mechanized way and low impact collection of Stone shall be undertaken. Open cast mining is recommended.
4. Ambient air quality monitoring shall be conducted in mining area as well as in buffer zone for PM₁₀, NO_x & SO₄ six monthly and report shall be submitted to SEIAA accordingly.
5. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter 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 Central Pollution Control Board in this regard. The status of implementation of measures taken shall be reported to SEIAA and work shall be completed before the start of mining.
6. Quarrying shall be restricted within the area as per GPS Co-ordinates mentioned above. Extraction shall be undertaken in open cast mining only.
7. There shall be stockyard to stock mining materials outside the quarry site.
8. The following measures are to be further implemented to reduce air pollution during transportation of mineral:
 - Roads shall be graded to mitigate the dust emission.
 - Over filling of tippers and consequent spillage on the roads shall be avoided.
9. Measures should be taken to comply with the provisions laid under Noise Pollution (Regulation and Control) (Amendment) Rules, 2010 issued by the MoEFCC, Govt. of India.
10. Mining shall be limited to day time only.
11. No mining shall be carried out in the safety zone of any bridge and/or embankment or animal corridor if any.
12. No mining shall be carried out in the vicinity of natural/manmade archaeological sites.
13. No wildlife habitat will be infringed.
14. **Green belt development shall be carried out in 20% of total mine area either on the periphery of mining area or along road side considering CPCB guidelines with native tree species in the mining area.**
15. User agency shall not make any fresh approach road over any part of the forest land but may use existing forest road only.
16. Transport of materials shall be done by covering the trucks/tractors with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
17. Appropriate mitigation 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.
18. Special Measures shall be adopted to prevent the nearby settlement from the impacts of mining activities.
19. Dispensary facilities for first-aid shall be provided at site.
20. Occupational health surveillance program of the workers should be undertaken periodically.
21. Conservation measures shall be taken for protection of Flora & Fauna in the core and buffer zone and conservation measures shall be taken for protection of flora & fauna.
22. It shall be ensured that collection of mining materials does not disturb or change the soil characteristic of the mining area and conservation measure shall be taken for protection of flora & fauna.
23. Catch drains, garland drains shall be conducted around the mining area, material dumps, reject dumps to prevent silt and sediments following into any water body.
24. Mining operation shall not intersect ground table and hence there shall not be any water/ waste water discharge from the mining operation.
25. Drills shall either be operated with dust extractors or equipped with water injection system (wet drilling) to suppress air borne dust during drilling.


 Member Secretary
 SEIAA, Assam


26. Only controlled blasting shall be practiced with necessary protective measures. Blasting operation shall be carried out only during the day time. The blasting shall be performed with all necessary care for protection of public, workers and property from fly rock & vibration risks.
27. Delay detonator shall be used and reduce the weight explosive per delay by decreasing hole size along with depth with proper spacing of holes shall be maintained. Random blasting is not allowed.
28. Blasting shall be done by license holder only.
29. Blasting pattern stemming, charging per hole should be designed on the basis field trial to control flying rocks.
30. Safety and security of all members of public shall be sole responsibility of permit holder.
31. Blasting materials are to be collected from the authorized dealer with permission from District-Authority. Necessary precautionary measures must be taken so that no leakage of explosive occurs during storage & transportation.
32. Blasting shall be done in such a manner to prevent formation of big size boulders and thereby to minimize need for secondary blasting.
33. Adequate sirens, signals, posting of guards at strategic point blasting.
34. Anti-vibration devices shall be provided to vibrating tools/equipments to be used by workers during mining vibration shall be maintained within safe limit.
35. Necessary musk, helmet, safety shoes etc. shall be provided to all workers working in the mining.
36. The project proponent shall strive to adopt zero waste mining concepts by reducing the quantity of reject through technological innovation or finding the use of fines through perspective buyers.
37. Top soil from the mining area shall be scrapped, stacked separately, preserved and utilized for the plantation work.
38. **Overburden, waste rock and non-saleable materials generated during prospecting or mining operations shall be stored separately in properly formed dumps on grounds earmarked. Slope & height of such dumps shall be restricted adequately to prevent any slippage of material. Such dumps should be properly terraced, stabilized and secured at toe to prevent the escape material that may cause degradation of the surrounding land or silting of water courses. Revegetation should be done in the blasting area.**
39. **Overburden or other rejects shall be backfilled into the worked out quarry so far as possible with a view to restore the land to its original use or desired alternative use.**
40. Used oil/ waste oil if any, generated shall be sold to the registered recyclers.
41. Mining operation shall be restricted to above ground water table and it shall be ensured that it does not intersect ground water table.
42. The project proponent shall ensure that no natural water course gets obstructed due to mining operation.
43. This Environmental Clearance is applicable only subject to receipt of mining permit by the project proponent from the Competent Authority as per AMMC Rule, 2013.
44. The blasting operation shall not be permitted below the ground level.
45. The blasting schedule for mining shall be prepared with the consultation concerned DFO. There should be a time gap between each blasting.
46. The project proponents are responsible for any damage caused due to blasting operation during mining and bear the expenditure for loss of life & property.
47. The blasting operation shall be performed in presence of Forest officials.
48. **Proper blasting schedule is to be prepared in consultation with the DFO after necessary permission is obtained from the District Administration. Copies of all the documents of permission, etc., are to be submitted to the SEIAA, Assam.**
49. **The project proponent has to follow strictly all the terms & conditions laid down in the Mining Plan approved by the Geology and Mining deptt., Assam.**

II. General Conditions:

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 SEIAA, Assam.


 Member Secretary
 SEIAA, Assam


2. Special measures shall be adopted to prevent nearby settlements from the impacts of mining activities, maintenance of roads through which transportation of minor mineral is to be undertaken shall be carried out regularly.
3. User agency shall comply with the provisions framed under Assam Minor Mineral concession Rule 2013.
4. The SEIAA Assam may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
5. Concealing the factual date or failure to comply with any of the conditions mentioned above may result in withdrawals of this clearance and attract action under the provisions of Environment Protection Act. 1986.
6. The SEIAA, Assam may revoke or suspend the order, if implementation of any of the above condition is not found satisfactory. SEIAA, Assam will monitor the operation area time to time and project component shall be extended full support for the same.
7. 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.
8. The Environmental Clearance is valid for a period of 2 (Two) years only from the date of issue of this order.
9. **Under Corporate Environment Responsibility (CER), appropriate budgetary provision shall be made as per MoEFCC OM F. No. 22-65/2017-IA.III dated 01/05/2018 and 19/06/2018 commensurate with the total value of the work and to be spent for health improvement, education, drinking water facilities, and other socio-economic upliftment in and around the project area (radius of 10 KM from the project site) in consultation with a Committee having representatives from all sections of the population in the nearby villages and with information to the SEIAA on biannual basis.**
10. **The project proponent shall submit half yearly compliance reports in respect of the terms & conditions stipulated in this order to the SEIAA, Assam in soft copy (CD) & hard copy on 1st June and 1st Dec each year. The Compliance Report should also include the work done under CER as in 9 above and also under Green Belt development in the project area (to be supported with photographs and other documentary evidences in both cases).**
11. The Divisional Forest Officer, Nagaon Forest Division, Nagaon, Assam shall realize the Royalty as per existing rate & he should ensure regular monitoring so that mining operation is done as per term and conditions without occurrence of any irregularities.


 Member Secretary
 SEIAA, Assam
 Bamunimaidam, Guwahati-21.
 Dated: 9/10/2020

Memo No. SEIAA.1193/2020/EC/19/1132 -A

Copy to:

1. The Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, MoEF, Indira Paryavaran Bhawan, Jorbagh Rd, New Delhi-110003.
2. The Secretary to the Govt. of Assam, Environment & Forest Department, Dispur, Guwahati-6 Cum Member Secretary, SEIAA, Assam for favour of kind information.
3. The P.C.C.F, HoFF, Govt. of Assam, Panjabari, Guwahati-37 for favour of kind information.
4. The Divisional Forest Officer, Nagaon Forest Division, Nagaon, Assam for information & necessary action to ensure that all **Specific Conditions & General Conditions are complied with.**
5. The Regional Office, MoEF, Govt. of India, Low-U-sib, Lumbatngen, Near MTC Workshop, Shillong-21 for information.
6. Office Copy.


 Member Secretary
 SEIAA, Assam
 Bamunimaidam, Guwahati-21.