



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

No. SEIAA.1114/2020/EC/12 /1488

Dated: 19/8/2021

Proposal No.SIA/AS/MIN/44997/2019

To

M/s T. K. Engineering Consortium Pvt. Ltd.
Model Village,
Naharlagun, Papumpare,
Arunachal Pradesh,
Pin - 791110

Sub: - Environment Clearance for Collection of Silt from "Mining Permit Area – Padumoni/ Pokimuri, Plot – 10" under Majuli (T) Forest Division, Dist. Majuli, Assam by M/s T. K. Engineering Consortium Pvt. Ltd.

This has reference to your application for Prior Environmental Clearance dated 05/10/2019 along with Form-1M, Mining Plan, D.F.O. letter, Google map with G.P.S. Co-ordinates and other relevant documents for Collection of Silt from "Mining Permit Area – Padumoni/ Pokimuri, Plot – 10" under Majuli (T) Forest Division, Dist. Majuli, Assam.

The quantity of Silt to be collected is:

Silt: 60,630 (Sixty Thousand Six Hundred Thirty) cu.m of Silt for 2(Two) years @ 30,315 (Thirty Thousand Three Hundred Fifteen) cu.m per year.

Total Allotted area: 3.18 Ha (31,815 square meters).


The Silt shall be extracted only from the area of the GPS Co-ordinates shown below as per Mining plan:

<u>Longitude (East)</u>	<u>Latitude (North)</u>
1. E- 94 ⁰ 03'39.90"	N- 26 ⁰ 54'46.40"
2. E- 94 ⁰ 03'41.25"	N- 26 ⁰ 54'41.34"
3. E- 94 ⁰ 03'48.42"	N- 26 ⁰ 54'41.67"
4. E- 94 ⁰ 03'47.29"	N- 26 ⁰ 54'46.73"

The Silt shall be extracted Open Cast manual Mining (as per Mining Plan) way from "Mining Permit Area – Padumoni/ Pokimuri, Plot – 10" under Majuli (T) Forest Division, Dist. Majuli, Assam.

The proposal was examined and processed in accordance with EIA Notification 2006 and its amendments thereof. The State Level Expert Appraisal Committee (SEAC), Assam examined the documents of the proposal for Collection of Silt at its meeting held on 22/07/2021. Accordingly, the application was discussed and thoroughly scrutinized by the SEAC and found that the project falls under 1(a) and considered as B2 Category 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 07/08/2021 and accords Prior Environmental Clearance to the project as mentioned above under the provisions of EIA notification 2006 and its subsequent amendments issued under Environment Protection Act 1986 subject to compliance of following specific and general conditions.


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State Level Environment Impact
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The operational area of mining must be confined to the given 3.18 Ha (31,815 square meters) 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.
2. The lease holder shall undertake adequate safeguard during extraction of Silt & ensure that due to this activity, the hydro geological and ecological 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. Manual/Semi mechanize (*as per Mining Plan*) low impact extraction of Silt shall be undertaken.
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 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.
5. Quarrying shall be restricted within the area as per GPS Co-ordinates mentioned above.
6. There shall be stockyard to stock mining material outside the quarry site. Parking shall not be made on public road.
7. 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.
8. 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.
9. Mining shall be limited to day time only.
10. No mining shall be carried out in the safety zone of any bridge and / or embankment.
11. No mining shall be carried out in the vicinity of natural / manmade archaeological sites.
12. No wildlife habitat will be disturbed and also aquatic Flora & Fauna of the river.
13. **Green belt development shall be carried out in 20% of total mine area either on river bank or along road side considering CPCB guidelines with native tree species in the mining area.**
14. User agency shall not make any fresh approach road over any part of the forest land but may use existing forest road only.
15. 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.
16. 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.
17. Special Measures shall be adopted to prevent the nearby settlement from the impacts of mining activities.
18. Dispensary facilities for first-aid shall be provided at site.
19. Occupational health surveillance program of the workers should be undertaken periodically.
20. Conservation measures shall be taken for protection of Flora & Fauna in the core and buffer zone.
21. It shall be ensured that collection of mining materials does not disturb or change the underlying soil characteristic of river bed/basin, where mining is carried out.


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22. It shall be ensured that mining does not in any way disturb the turbidity, velocity and flow pattern of the river water.
23. Conservation measures shall be taken for protection of flora & fauna in the core and buffer zone.
24. The fauna nesting area shall not be used for mining.
25. 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 and subsequent amendment.
26. Measures for prevention & control of Soil erosion & management of site shall be undertaken.
27. No river/Stream should be diverted for the purpose of Silt mining. No natural water course and/or water resources are obstructed due to mining operation.
28. No extraction of Silt in landside prone area.
29. Controlled clearance of riparian vegetation to be undertaken.
30. Vehicles used for transportation of Silt are to be permitted only with fitness & PUC certificates.
31. Health & safety of workers should be taken care of spring sources should not be affected due to mining activities necessary protection measures are to be submitted.
32. The critical parameters such as PM₁₀, NO_x2, SO₄ in ambient air within the impact Zone shall be monitored periodically and analysis report shall be submitted to SEIAA, Assam.
33. **There should be at least 100 meters mining restricted zone be kept between the high bank of the river and proposed mining site.**
34. **River bank must not get disturbed due to mining.**
35. **Mining be done manually and no machinery will be used for mining.**
36. **Transport plan for carrying the mining materials is to be submitted to the Divisional Forest Officer, Majuli (T) Forest Division before actual mining operation for his information and taking requisite action.**
37. **The proponent shall have also strictly adhered to all the terms and condition laid down in the approved mining plan in addition to the conditions discussed in the foregone para.**

II. General Conditions

1. All necessary statutory clearances shall be obtained from competent authorities in connection with mining operation and copies of the same shall be submitted to SEIAA, Assam.
2. Special measures shall be adopted to prevent nearby settlements from the impacts of mining activities.
3. Maintenance of roads through which transportation of minor minerals is to be undertaken shall be carried out regularly.
4. User agency shall comply with the provisions framed under Assam Minor Mineral concession Rules 2013 and subsequent amendments.
5. The SEIAA Assam may alter/modify the above conditions or stipulate further conditions in the interest of environment protection.
6. Concealing the factual data 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.
7. The SEIAA, Assam may revoke or suspend the order, if implementation of any of the above conditions is not found satisfactory.
8. SEIAA, Assam will monitor the operation area from time to time and the project proponent shall extend full support for the same.
9. The above conditions will be enforced inter-alia under the provisions of water (Prevention & Control of Pollution) Act 1974, the air (Prevention & Control of Pollution) Act 1981, the


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Environment Protection Act 1986 and the public liability Insurance Act 1991 along with their amendments & rules.

10. The Environmental Clearance is valid for a period of **2 (Two) year** only from the date of issue of this order.
11. **Under Corporate Environment responsibility (CER), appropriate budgetary provision shall be made as per MOEF&CC 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.**
12. **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).**
13. The Divisional Forest Officer, Majuli (T) Forest Division, Dist. Majuli, Assam shall realize the Royalty as per existing rate and **he will ensure strict surveillance on the mining operation to avoid occurrences of irregularities during the mining operation and he will also ensure that the mining be allowed only at the approved location and not beyond the limit of the same. Further, the Divisional Forest Officer, Majuli (T) Forest Division is requested to mount due surveillance while transporting the mine out materials by boat to guard against occurrence of environmental disturbance in the surrounding areas.**

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Member Secretary
SEIAA, Assam

Bamunimaidam, Guwahati-21.

Memo No. SEIAA.1114/2020/EC/12 *11488* -A

Dated: *19/8/2021*

Copy to:

1. The Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, MOEF&CC, Indira Paryavaran Bhawan, Jorbagh Road, 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, Majuli (T) Forest Division, Dist. Majuli, Assam for information & necessary action to ensure that all **Specific Conditions & General Condition** are complied with.
5. The Regional Office, MOEF&CC, Govt. of India, Low-U-sib, Lumbatngen, Near MTC Workshop, Shillong-21 for information.
6. Office Copy.

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Member Secretary
SEIAA, Assam

Bamunimaidam, Guwahati-21.