



State Level Environment Impact Assessment Authority (SEIAA)

**Telangana State
Government of India**

Ministry of Environment & Forests

A-3, Industrial Estate, Sanathnagar, Hyderabad-500 018.

BY REGD. POST WITH ACK DUE

Order No. SEIAA/TS/OL/KHM-12/2017- 794

Dt:26.05.2017.

Sub: SEIAA, TS – Chinnaravigudem Sand Reach (24.00 Ha.) of M/s. Telangana State Mineral Development Corporation Ltd., Chinnaravigudem (V), Manuguru (M), Khammam District. - Environmental Clearance – Issued - Reg.

- I. This has reference to your application submitted online on 06.03.2017 (proposal no. SIA/TG/MIN/63003/2017) received on 08.03.2017, seeking Environmental Clearance for the proposed Sand Mine in favour of M/s. **Telangana State Mineral Development Corporation Ltd., for Chinnaravigudem Sand Reach in Godavari River Bed, Chinnaravigudem (V), Manuguru (M), Khammam District.** It was reported that the nearest human habitation viz., Bestagudem (V) exists at a distance of about 0.77 km from the sand reach. It was noted that the capital investment of the project is Rs. 40.00 Lakhs and capacity of the project is as follows:

Mining of Sand (open excavation) – 2,40,000 m³/Annum.

- II. The sand is mined manually and it is directly loaded into the trucks/tractor trolleys. It was reported in the Approved Mining Plan that the life of the mine and period of extraction is one year. The total mine lease area is 24.00 Ha. The co-ordinates of the sand mine are reported as following:

17° 57' 06.14" N 80° 52' 49.69" E

17° 57' 01.12" N 80° 52' 37.23" E

17° 56' 44.10" N 80° 52' 47.34" E

17° 56' 48.59" N 80° 52' 59.84" E

- III. The proposal has been examined and processed in accordance with EIA Notification, 2006 and its amendments thereof. The State Level Expert Appraisal Committee (SEAC) examined the application in its meeting held on 17.03.2017. The project is considered under B2 category and exempted from the process of public hearing as the mining lease area is less than 25 Ha., as per provisions laid under EIA Notification, 2006 & its subsequent amendments. Based on the information furnished, presentation made by the proponent and the consultant M/s. Sri Sai Manasa Nature Tech Pvt. Ltd., Hyderabad; Approved Mining Plan; Undertaking dt: 21.03.2017 submitted by the proponent stating that there are no mining leases within 500 mtrs from the boundary of the mining lease area and there will not be any mining lease areas proposed near in future; undertaking dt.11.05.2017 (received on 17.05.2017) submitted by the proponent that the proposed Sand reach does not fall in any Protected Area / Notified Area as per WALTA Act, the Committee considered the project and recommended for issue of EC. The State Level Environment Impact Assessment Authority (SEIAA) in its meetings held on 06.04.2017 & 17.04.2017 examined the proposal and recommendations of SEAC, Telangana for issue of Environmental Clearance. Accordingly, after discussions in the matter and considering the recommendations of the SEAC, Telangana, **the SEIAA, Telangana hereby accords prior Environmental Clearance to the project** as mentioned at Para no. I under the provisions of the EIA Notification 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following specific and general conditions:

A. Specific Conditions:

1. This EC is valid for a period of 1 year, subject to the final orders of the Hon'ble Court of law. The proponent shall comply with the orders issued by any Court of law from time to time.
2. Mining activity shall be done manually only.
3. No sand mining activity shall be carried out during the rainy days.

4. It shall be ensured that sand mining does not in any way disturb the flow pattern of the river water.
5. Sand quarrying shall not be carried out in streams within 15 meters or 1/5 of the width of the stream bed from the bank, whichever is more.
6. Sand mining shall not be carried out within 500m of any existing structure such as bridges, dams, weirs, ground water extraction structure(s) either for irrigation or drinking water purposes, or any other cross drainage structure.
7. Sand mining operations shall not affect the existing sources for Irrigation or drinking water or industrial purpose.
8. Vehicles carrying sand shall not ply over the flood banks except at crossing points or bridges or on a metal road. The emissions from the vehicles shall be maintained within the emission norms.
9. The depth of sand mining shall not exceed 1m and the excavation of sand shall not exceed 10,000 m³/annum/Ha. The thickness of the sand in the mining area shall be more than 3 m.
10. To assess the sand thickness, the Mines & Geology Department shall map out the area establishing the width and depth / thickness of the sand.
11. The vehicles shall not be overloaded. The trucks shall be covered with Tarpaulin to minimize dust / sand particle emissions.
12. Personnel working in the project shall be provided with personnel protection devices such as masks, gloves etc.,
13. Transportation of sand from mine lease area shall be done during day time only.
14. The proponent shall obtain necessary permission from the River Water Conservator.
15. The proponent shall take necessary measures to ensure no adverse impacts due to mining operations on the human habitation existing nearby.
16. A separate Environment Management cell with suitable qualified persons shall be setup to implement various environmental protection measures.
17. The proponent shall take appropriate measures to ensure that the GLC shall comply with the revised NAAQ norms notified by MoE&F, GoI on 16.11.2009.
18. The source of water is water tankers from nearby village. Total water requirement is 2.55 KLD. It is used for dust suppression, plantation and domestic purpose.
19. Sand mining shall not be carried out below the ground water table under any circumstances.
20. Hydro geological studies in the mine lease area are to be carried out by the Ground Water Department.
21. Regular monitoring of Ground Water level shall be carried out in and around the mine lease area to assess the quality of ground water.
22. The proponent shall comply with any other conditions stipulated by the Dept. of Mines & Geology, Govt. of Telangana and other concerned statutory Authority / Department.
23. While taking afforestation activity under EMP, the project proponent shall consider giving priority to indigenous and evergreen species having more foliage / green cover to absorb dust and other particles around mining area. Plantation shall be undertaken on either sides of the approach katcha path (through which the vehicles ply) between the bund of the river and the main road.

24. The proponent shall comply with the “Sustainable Sand Mining Management Guidelines, 2016” issued by the MoEF&CC, GoI.

B. General Conditions:

- i. “Consent for Establishment” & “Consent for Operation” shall be obtained from Telangana State Pollution Control Board under Air and Water Act to carry on mining.
- ii. The environment safeguards contained in the EMP Report should be implemented in letter and spirit. The responsibility of implementation of environmental safeguards rests fully with the proponent i.e., M/s. Telangana State Mineral Development Corporation Ltd.
- iii. No change in mining technology and scope of working should be made without prior approval of the SEIAA, T.S. No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, Telangana / MoE&F, GoI, New Delhi, as applicable.
- iv. The proponent shall submit half-yearly compliance reports in respect of the terms and conditions stipulated in this order in hard and soft copies to the SEIAA; and CCF, Regional office of MoEF&CC, GoI, Chennai on 1st June and 1st December of each calendar year.
- v. Officials from the Regional Office of MoEF&CC, GoI, Chennai who would be monitoring the implementation of environmental safeguards should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office to MoEF&CC, GoI, Chennai.
- vi. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- vii. The funds earmarked for environmental protection measures (Capital cost of Rs 4.15 lakhs & Recurring cost of Rs. 2.07 lakhs/annum) should be kept in separate account and should not be diverted for other purpose. The budget allocated for the EMP shall be subsequently increased if the project cost increases at the time of CFO. Year wise expenditure should be reported to the Ministry and its Regional Office located at Chennai.
- viii. The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- ix. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, Telangana.
- x. The proponent shall obtain all other mandatory clearances from respective departments.
- xi. Environmental clearance is subject to final order of the Hon’ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.
- xii. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

- xiii. 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.
- xiv. The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xv. The above conditions will be enforced inter-alia, under the provisions of the 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 and rules.

Sd/-
MEMBER SECRETARY
SEIAA, T.S.

Sd/-
MEMBER
SEIAA, T.S.

Sd/-
CHAIRMAN,
SEIAA, T.S.


To

The Vice Chairman & Managing Director,
M/s. Telangana State Mineral Development Corporation Ltd.,
(Chinnaravigudem Sand Reach),
H. No. 6-2-915, 4th Floor, Rear Block,
HMWSSB Building, Khairtabad,
Hyderabad – 500 004
Ph: 040-23393184.

Copy to:

1. Prof. Ch. Krishna Reddy, Chairman, SEAC, T.S. for kind information.
2. The Member Secretary, TSPCB for kind information.
3. The EE, RO: Kothagudem, TSPCB for information.
4. The Regional Officer, MoEF&CC, GOI, Chennai for kind information.
5. The Secretary, MoEF&CC, GOI, New Delhi for kind information.
6. The Director, Mines & Geology Dept., for kind information.

//T.C.F.B.O//


Senior Environmental Engineer(FAC)
(Unit – III)

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