



State Level Environment Impact Assessment Authority (SEIAA)

Andhra Pradesh

Ministry of Environment, Forests & Climate Change,

Government of India

D.No.33-26-14 D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamavari Street, Kasturibaipet, Vijayawada-520010

REGD.POST WITH ACK.DUE

Order No.SEIAA/AP/KDP/ MIN/2/2021/2901 . 26

Dt.14.06.2021

Sub : SEIAA,A.P. - 4.7959 Ha Proposed Ordinary Sand Mine, Rayavaram Sand Reach at Rayavaram Village, T.Sundupalli Mandal, Kadapa District, Andhra Pradesh -Environmental Clearance-Issued- Reg.

DESPATCH

- I. This has reference to your application submitted through online on 20.02.2021 (SIA/AP/MIN/199311/2021), seeking Environmental Clearance for the proposed **4.7959 Ha.** Sand Mine in favour of the **Assistant Director Mines and Geology, Kadapa, Andhra Pradesh over the Cheyyeru River at Rayavaram Village, T.Sundupalli Mandal, Kadapa District, Andhra Pradesh.** It was reported that the nearest human habitation viz., Reddivaripalli village (V) is existing at a distance of about 1.0 Kms from the mine lease area and the project requires 5.0 KLD of water. It was noted that the capital investment of the project is Rs. 2.0 Lakhs and capacity of the project is as follows:

Mining of Sand - 47,959 cum/annumin 4.7959 Ha.

- II. The location of the sand mine as per the mining plan is as follows:

Sl.No	North Latitude	East Longitude
1	14° 00' 16.0065" N	79° 00' 15.8931" E
2	14° 00' 13.5691" N	79° 00' 22.4240" E
3	14° 00' 20.8172" N	79° 00' 25.8368" E
4	14° 00' 23.0995" N	79° 00' 19.4705" E

- III. The proposal comes under category 'B2'. The proposed project falls under Item No.1(a) of the schedule of the EIA Notification 2006-(i) Mining of Minerals (<100 Ha of mining lease area in respect of non-coal mine lease).

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 meetings held on 04.03.2021 & 05.03.2021. The representative of the project proponent Asst, Director Mines and Geology Kadapa, YSR District and their RQP T. Brahmaiah, attended the meeting. The Committee recommended for issue of Environmental Clearance for one year to this proposed sand mining project for the production quantities: Ordinary Sand – 47,959 cum/annum, duly stipulating a condition that the project proponent shall

Reddy

carryout mining only one meter depth sand from the top manually and no underwater mining is undertaken. The project proponent shall allocate sufficient funds for implementation of CSR activities as committed by the representative along with the EMP. Under any circumstances under water sand mining shall not be carried out. The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on **03.06.2021** examined the proposal and the recommendations of SEAC and decided to accept SEAC recommendations aforesaid for strict compliance by the proponent and to issue EC with further conditions that the sand mining proposal (i) Shall not attract the Forest act 1980, Wild life act, 1972; CRZ notification, 2011; The eco sensitive areas as notified under EP act, 1986; Critically polluted areas as notified by CPCB and ii) Shall not harm live stock and human beings and disturb their activities. The SEIAA, A.P **hereby accords 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 cluster, specific and general conditions:

A. Specific Conditions:

- i. The sand mining proposal shall not attract the Forest act 1980, Wild life (Protection) act, 1972; CRZ notification, 2011; The eco sensitive areas as notified under EP act, 1986; Critically polluted areas as notified by CPCB and also shall not harm live stocks and human beings and disturb their activities.
- ii. The project proponent shall carryout mining only one meter depth sand from the top manually and no underwater mining is undertaken.
- iii. The project proponent shall allocate sufficient funds for implementation of CSR activities as committed by the representative along with the EMP.
- iv. Under any circumstances under water sand mining shall not be carried out.
- v. This EC is valid for a period of 1 year only.
- vi. The proponent shall carry mining by scrupulously following conditions stipulated for river sand mining in MOEF O.M .No.J-13012/12/2013-1A-II(I) dated 24.12.2013 and in A.P. WALTA Rules, 2004. The mining plan shall get modified to this extent.
- vii. It shall be ensured that sand mining does not in any way disturb the flow pattern of the river water.
- viii. 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.
- ix. 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.
- x. Sand mining operations shall not affect the existing sources for irrigation or drinking water or industrial purpose.
- xi. 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.
- xii. The depth of the sand mining shall not exceed 1m. The thickness of the sand in the mining area shall be more than 3m. Regulatory Authority prior concurrence shall be taken for this activity.
- xiii. Sand mining shall not be carried out below the ground water table under any

- circumstances. Regulatory Authority prior concurrence shall be taken for this activity.
- xiv. To assess the sand thickness, the Mines & Geology Department shall map out the area establishing the width and depth / thickness of the sand.
 - xv. Permission from the Competent Authority shall be obtained for drawl of ground water, if any, required for the project.
 - xvi. The vehicles transporting sand shall not be overloaded. The trucks shall be covered with Tarpaulin.
 - xvii. Personnel working in the project shall be provided with personnel protection devices such as masks, gloves etc., Regulatory Authority instructions be taken if there are any better alternatives.
 - xviii. Transportation of sand from mine lease area shall be done during daytime only.
 - xix. The proponent shall obtain necessary permission from the River Water Conservator.
 - xx. The proponent shall take necessary measures to ensure that there shall not any adverse impacts on human habitation existing nearby due to mining operations.
 - xxi. A separate Environment Management cell with suitable qualified persons shall be setup to implement various environmental protection measures.
 - xxii. Plantation shall be undertaken on either sides of the approach katchapath (through which the vehicles ply) between the bund of the river and the main road by the proponent at his cost.
 - xxiii. 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.
 - xxiv. Hydro geological studies in the mine lease area are to be carried out by the Ground Water Department.
 - xxv. Regular monitoring of Ground Water levels shall be carried out in and around the mine lease area to assess the quality of the groundwater.

B. General Conditions:

- i. "Consent for Establishment" & "Consent for Operation" shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act to carry on mining.
- ii. No change in mining technology and scope of working should be made without prior approval of the SEIAA, A.P. No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, AP/ MoE&F, GoI, New Delhi, as applicable.
- iii. The half-yearly compliance reports in respect of the terms and conditions stipulated in this order & monitoring reports shall be uploaded in the website of the project periodically. It shall simultaneously be submitted in hard and soft copies to the SEIAA, A.P., District Collector and Ministry's Regional office, Chennai on 1st June and 1st December of each calendar year.
- iv. Officials from the Regional Office of MOEF&CC, Chennai / The SEIAA, Andhra Pradesh through the Regional Offices of Andhra Pradesh Pollution Control Board 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, Chennai.

- v. 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 in consultation with concerned Regulatory Authority.
- vi. The funds earmarked for environmental protection measures (**Capital cost Rs0.50Lakhs and Recurring cost Rs..1.50Lakhs/annum**) should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Chennai.
- vii. At least 2% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared in accordance to the MoEF&CC's office Memorandum No.F.No.22-65/2017-IA.III, dated.01.05.2018 and submit to the SEIAA, A.P and Ministry's Regional Office, 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,A.P.
- x. The SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xi. The proponent shall obtain all other mandatory clearances from respective departments.
- 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, A.P.

Sd/-
MEMBER,
SEIAA, A.P.

Sd/-
CHAIRMAN,
SEIAA, A.P.

To

The Asst. Director of Mines and Geology,
YERRAGUNTAL, Kadapa,
Govt of Andhra Pradesh..

Copy to:

1. Prof. Dr.G.V.R. Srinivasa Rao, Chairman, SEAC, A.P. for kind information.
2. The Member Secretary, APPCB for kind information.
3. The EE, RO: **Kadapa**, APPCB 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. Monitoring cell, MoEF&CC, GOI, New Delhi for kind information.
7. The District Collector, **Kadapa** District, Andhra Pradesh for kind information.

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


P. Mura Soamyasundh
SENIOR ENVIRONMENTAL ENGINEER (EC)

