



State Level Environment Impact Assessment Authority (SEIAA)

Andhra Pradesh

Ministry of Environment, Forests & Climate Change

Government of India

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REGD.POST WITH ACK.DUE

Lr. No. SEIAA/ AP/KNL/IND/01/2018/491

Dt: 11.06.2018

Sub: SEIAA,A.P - 24.739 Ha. Nandavaram-Venkatapuram Limestone Block - M/s. Sree Jayajothi Cements Pvt. Ltd., at Sy.No. 507/3, 512, 513, 514/1, 514/2, 514/3A, 514/3B, 514/4A, 514/4B & 519 of Nandavaram Village & Sy. No. 7/1 & 5/2 of Venkatapuram Village. Banaganapalli Mandal, Kurnool District - Environmental Clearance- Issued - Reg.

- I. This has reference to your application submitted on 12.01.2018 and Clarification submitted on 10.04.2018, seeking Environmental Clearance for the proposed **24.739 Ha. Nandavaram-Venkatapuram Limestone Block** at Sy.No. 507/3, 512, 513, 514/1, 514/2, 514/3A, 514/3B, 514/4A, 514/4B & 519 of Nandavaram Village & Sy. No. 7/1 & 5/2 of Venkatapuram Village, Banaganapalli Mandal, Kurnool District in favour of M/s. Sree Jayajothi Cements Pvt. Ltd. It was reported that the nearest human habitation viz., Venkatapuram (V) exists at a distance of about 0.5 km from the mine lease area. It was noted that the capital investment of the project is Rs. 6.0 Crores and capacity of the project is as follows:

Mining of Limestone – 0.3 Million TPA in 24.739 Ha.

- II. The co-ordinates of the Lime Stone mine are reported as following:

SJ.No	Latitude	Longitude
1	15 ⁰ 22'59.58162"N	78 ⁰ 15'22.90418" E
2	15 ⁰ 22'01.40118"N	78 ⁰ 15'31.18462" E
3	15 ⁰ 21'58.75213"N	78 ⁰ 15'31.66349" E
4	15 ⁰ 21'55.01086"N	78 ⁰ 15'32.57139" E
	to	
5	15 ⁰ 21'51.79902"N	78 ⁰ 15'20.06837" E
6	15 ⁰ 21'53.30000"N	78 ⁰ 15'20.30000" E
7	15 ⁰ 21'55.74146"N	78 ⁰ 15'20.70802" E
8	15 ⁰ 21'56.54079"N	78 ⁰ 15'23.12241" E

- III. is a open cast semi-mechanized mine and the life of mine is 5.53 years. The total mine lease area is 24.739 Ha.

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 **11.05.2018**. The representative of the project proponent and their Consultant: M/s. B.S.Enviro Tech.Pvt. Ltd., have attended the meeting. This proposal was earlier appraised in the SEAC, A.P., meeting held on 07.04.2018. The Committee recommended for issue of Environmental Clearance to this proposed Limestone mining project for the production quantities Limestone – 0.3 million TPA . The SEIAA, A.P., in its meeting held on 24.04.2017, requested the SEAC, A.P., to re-examine the proposal. The SEAC, A.P., in its meeting held on 11.05.2018 and re-appraised this proposal. The Committee noted that the project proponent has earlier filed the application for TOR on 12th Jan 2018 and subsequently vide their letter dated 6th April 2018 requested to withdraw their application for TOR as the subject mining project is of mining lease area less than 25 Ha.,(major mineral) and submitted the fresh proposal for Environmental Clearance as per EIA Notification 2006 and amendment thereof. The Committee accepted the project proponent's request and appraised their proposal in this meeting. The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006- (i). Mining of minerals (<25 ha of mining lease area in respect of non-coal mine lease) and hence falls under B2 category. The Committee hence recommended to reiterates the earlier recommendations that for **issue of Environmental Clearance** to this proposed Limestone mining project for the production quantities **Limestone – 0.3 million TPA** in Nandavaram-Venkatapuram Limestone Block-new captive mine of M/s. Sree Jayajothi Cements Pvt. Ltd., duly stipulating a condition that the project proponent shall maintain the setback distance 7.5 meters buffer zone all around the mine lease area for greenbelt development and other conditions are to be fulfilled. A trench has to be developed such that the movement of vehicles is prevented due to the presence of HT electrical lies. The project proponent shall allocated funds for Corporate Environment Responsibility (CER) activities as per the MoEF&CC Office Memorandum on CER (F.No. 22-65/2017-IA-III, dated 1st May 2018). The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on **01.06.2018** examined the proposal and the recommendations of SEAC and decided to issue EC. 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 specific and general conditions:

A. Specific Conditions:

- i) The project proponent shall maintain the setback distance 7.5 meters buffer zone all around the mine lease area for greenbelt development and other conditions are to be fulfilled.
- ii) A trench has to be developed such that, the movement of vehicles is prevented due to the presence of HT electrical lies. The project proponent shall allocated funds for Corporate Environment Responsibility (CER) activities as per the MoEF&CC Office Memorandum on CER (F.No. 22-65/2017-IA-III, dated 1st May 2018).

a) Air Pollution:-

- i. Greenbelt shall be developed along the boundary of mining lease area and also in back filled and reclaimed areas with tall growing native species in consultation with the local DFO/Agriculture Department. The proponent of mine shall carry mining operations in such a manner so as to cause least damage to the flora of the mining area and nearby areas. He shall take immediate measures for planting in the same area or any other area selected by authorities not less than twice the number of trees going to be felled by mining operations. He shall also take measures for restoration of other flora /fauna if damaged by mining operations.



- ii. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- iii. 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.
- iv. The following measures are to be implemented to reduce air pollution during transportation of mineral:-
 - Roads shall be graded to mitigate the dust emission.
 - Water shall be sprinkled at regular interval on the main haul road and other service roads by water sprinklers to suppress dust.
- v. The following measures are to be implemented to reduce Noise pollution:-
 - Proper and regular maintenance of vehicles and other equipment
 - Limiting time exposure of workers to excessive noise.
 - The workers employed shall be provided with protection equipment and earmuffs etc.
 - Speed of trucks entering or leaving the mine is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.
- vi. Measures should be taken to comply with the provisions laid under Noise Pollution (Regulation and Control) (Amendment) Rules, 2010; dt. 11.01.2010 issued by the MoE&F, GOI to control noise to the prescribed levels. Workers engaged in operations of HEMM, etc should be provided with ear plugs/muffs.

b) Water Pollution:-

- i. The source of water is Bore well. Total water requirement is 20.5 KLD. Out of that, 10.0 KLD is used for Dust suppression; 10.0 KLD is used for development of green belt; 0.5 KLD is used for domestic purpose.
- ii. Garland drain and siltation ponds of appropriate size should be constructed for the working pit to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted, particularly after monsoon, and maintained properly.
- iii. Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells by the project proponent in and around project area in consultation with Regional Director, CGWB, Southern Region, Hyderabad. Data thus collected should be sent at regular interval to MoEF, CGWA and CGWB, Southern, Region, Hyderabad.
- iv. Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with Regional Director, CGWB, Southern Region, Hyderabad. Suitable measures should be taken for rainwater harvesting.
- v. Permission from the competent authority should be obtained for drawl of ground water, if any, required for this project.



c) **Solid Waste :-**

- i. Topsoil, if any, shall be stacked properly with proper slope with adequate measures and should be used for plantation purpose.
- ii. The following measures are to be adopted to control erosion of dumps:-
 - > Retention/toe walls shall be provided at the foot of the dumps.
 - > Worked out slopes are to be stabilized by planting appropriate shrub/grass species on the slopes.
- iii. Waste oils, used oils generated from the EM machines, mining operations, if any, shall be disposed as per the Hazardous Wastes (Management, Handling, and transboundary movement) Rules, 2008 and its amendments thereof to the recyclers authorized by APPCB.

B. General Conditions:

- i. **This order is valid for a period of 5.53 years or the expiry date of mine lease period issued by the Government of A.P., whichever is earlier.**
- ii. "Consent for Establishment" & "Consent for Operation" shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act to carry on mining.
- iii. 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/ MOEF&CC, GoI, New Delhi, as applicable.
- iv. 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 and Ministry's Regional office, Chennai on 1st June and 1st December of each calendar year.
- v. 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.
- vi. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- vii. Data on ambient air quality should be regularly submitted to the Ministry including its Regional Office located at Chennai and the State Pollution Control Board/ Central Pollution Control Board once in six months.



- viii. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- ix. The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.
- x. 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.
- xi. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- xii. The funds earmarked for environmental protection measures (**Capital cost Rs. 55.0 Lakhs and Recurring cost Rs. 37.0 Lakhs**) purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Chennai.
- xiii. 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.
- xiv. 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.
- xv. The SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xvi. The proponent shall obtain all other mandatory clearances from respective departments.
- xvii. 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.
- xviii. 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.
- xix. 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.



- xx. 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
Sri V.S.Narag, Director,
9th Floor, Block-3,
My Home Hub, Madhapur,
Hyderabad-500081
Ph-040-66929696 / 66929610

Copy to:

1. The Chairman, SEAC, A.P. for kind information.
2. The Member Secretary, APPCB for kind information.
3. The EE, RO: Kurnool, 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.

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


SENIOR ENVIRONMENTAL ENGINEER (EC)