

Agenda No. 129-09 :

(File No. 6567/2019)

Existing limestone mine over an extent of 4.86.5 Ha at Survey no's 17, 23/1, 24/1, 25/1, 33/1B(p), 33/2, 3, 4, 51/2A, (p), 52/5(p), 153/2(p) of Chinnagoundanur Village of Sankari Taluk, Salem district, Tamil Nadu, by M/s. The India Cements Limited – For Terms of Reference.

(SIA/TN/MIN/20045/2017), dated 09.08.2017

The proposal was placed in the 129th SEAC Meeting held on 18.05.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. M/s. The India Cements Ltd. is having 3 mining leases namely G.O.No.211 with an extent of 50.84 Ha, G.O.76 with an extent of 8.005 Ha and G.O.1086 with an extent of 4.865 Ha, collectively called Mothaiyanur limestone mines (North) of M/s. The India Cements Limited.
2. GO 1086 falls between latitude 11°29'16"N to 11°29'50"N and longitude 77°47'50"E to 77°48'14"E and falls in Survey of India Topo sheet No. 58E/15. Original lease was granted in 1978 and mine was working since then. As per MMDR Amended Act 2015, lease validity is upto 31.03.2030. Authenticated past production details was obtained from Deputy Director, Dept. of Geology & Mining, Salem and submitted for the peak production capacity of 0.012 Million Tonnes of limestone.
3. Review of mining plan including progressive mine closure plan for GO 1086 (2018-19 to 2022-23) was approved vide letter number TN/SLM/LST/ROMP-1449.MDS dated 16.11.2017. The total cost of the project is 12.95 Lakhs.
4. The lease area of GO-1086 is 4.86.5Ha(less than less than 5 ha) hence this project falls under Category B. Towards obtaining EC, ToR for preparation of combined EIA/EMP report with common public hearing for all 3 leases was sought.
5. Entire 4.86.5 Ha is Non forest land which is under ICL's possession. There are no habitations in this area. The lease area does not include any forest land. No ecologically sensitive features like national parks, biospheres, sanctuaries, elephant corridors, Tiger reserves, flight paths of migrating fauna, etc occur in core & buffer areas of the project. The area does not come under CRZ category.

6. There are no streams or water bodies within the lease area. In the 10km of buffer zone major water bodies like Sarabhanga river – 6.1km – NW and Mettur East bank canal – 9.0 km – NW are found from the lease area. The Suryamalai RF – 0.25 km NE from the lease area.
7. This GO.1086 is being worked as an opencast fully mechanised mine. The bench height and bench width is 10m, and the bench slope is 60°. The mineable reserve is 0.2 million tonnes as per UNFC norms. About 0.39 Million Tonnes of waste is to be generated from this lease area. The total anticipated life of the mine will be 19 years. The maximum depth of the mine working is taken up to 75m at the end of mine life. The groundwater table lies more than 100m. Hence, no groundwater intersection is envisaged.
8. In the post mining stage, entire mined out area of 1.25.0 Ha will be left as water body which will be used for the benefit of local public by means of domestic and cultivation purpose in drought prone area, green belt development will be carried over 0.42.0 Ha. The other non-mining area of 2.17.5 Ha will be safety distance and garland drain at the end of life of the mine.
9. There are two proposed dumps located within the lease area. The waste generated (0.39 Million Tonnes) will be dumped in the proposed waste dumps. Terrace dumping of waste is proposed. It is also proposed to stabilize the waste dump by carrying out plantation along the dump slopes and providing garland drain around the dump.
10. The company has already planted 100 trees in 0.09 Ha. It is proposed to plant 450 plants in an area of 0.42Ha. The total man power on direct basis works out to be 22. Indirectly about 30 people derive benefit due to allied service sectors like trading, logistics, casual labor needs, green belt creation etc.
11. The peak water requirements for the three Mothaiyanur lime stone mine leases will be about 50 KLD comprising 2 KLD for domestic purpose, 25 KLD for water sprinkling/ dust suppression, 5.0 KLD for Wet Drilling, 18 KLD for green belt development/plantation. Total water required for the mine is and will be met from Rain water collected in the nearby pit.

The SEAC noted the following:

1. The Proponent, M/s. The India Cements Ltd has applied for Terms of Reference to SEIAA-TN on 20.04.2018 for the existing limestone mine over an extent of 4.86.5 Ha at Survey no's 17, 23/1, 24/1, 25/1, 33/1B(p),33/2,3,4,51/2A,(p),52/2(p),153/2(p) of Chinnagoundanur Village of Sankari Taluk, Salem district, Tamil Nadu.
2. The project/activity is covered under Category "B" of Item 1(a) "Mining of Mineral Projects" of the Schedule to the EIA Notification, 2006.
3. The project proponent has submitted the transport permit details from the Deputy Director, Dept. Of Geology and mining, salem vide RoC.No.47/2018-Mines B dated 28.02.2018 informing that " on perusal of this office records it is found that transport permit has been issued to the lessee on 08.04.2013 vide bulk permit No.1506 on payment of royalty of Rs.31,500 to transport 500 M.T of limestone from the above said quarry. Further, No transport permit was issued to the lessee from 24.04.2013 to till date. "

Based on the presentation made by the proponent and the documents furnished, the committee decided to recommend for the grant of ToR with public hearing subject to the standard ToR in addition to the following Additional TOR Impact of noise on the wild life needs to be analysed and necessary mitigation measures to be proposed for reduce the same.

1. The proponent should furnish the point wise compliance report/ action taken report for the points raised during public hearing conducted on 30.08.2016.
2. The impact of mining operation on the sauryamalai Reserved forest, which is located at a distance of 200 m from the quarry site shall be studied and the details should be furnished. In addition to that the Remarks/ recommendation of the DFO, salem shall be obtained based on the above points.
3. The report for green belt developed with necessary photographs.
4. The proponent shall furnish the proposal for CER.

5. Contour map for the 1 km radius surrounding the site, village map, FMB & A Register may be furnished.
6. The comprehensive study shall be carried out to evaluate the impact of mining operations on the environment through expertise in the field of hydrogeology, ecology, mining and environment.
7. The approved mining plan submitted by the project proponent was expired for the period 2018. Hence, the project proponent has to submit the approved mining plan for the proposed year.
8. Conduct Hydro geological study and furnish the report along with EIA.
9. A detailed mining closure plan shall be submitted with the approval of Dept. of mining and Geology .

Agenda No. 129-10 :

(File No. 6733/2019)

Existing limestone mine over an extent of 50.84 Ha at Survey no's 15/1, 16//2, 18, 25/2, 37/1, etc of Chinnagoundanur Village of Sankari Taluk, Salem district, Tamil Nadu, By M/s. The India Cements Limited – For Terms of Reference under Violation.

(SIA/TN/MIN/30390/2018), 19.12.2018

The proposal was placed in the 129th SEAC Meeting held on 17.05.2019 & 18.05.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows:

1. M/s. The India Cements Ltd is having 3 mining leases namely G.O.No.211 with an extent of 50.84 Ha, G.O.76 with an extent of 8.005 Ha and G.O.1086 with an extent of 4.865 Ha, collectively called Mothaiyanur limestone mines of ICL. The entire mined out limestone from these mines are captively used in Sankari cement plant.
2. The lease area of GO 211 falls between latitude 11°28'50.66"N to 11°29'43.62"N and longitude 77°47'31.60"E to 77°48'13.21"E and falls in Survey of India Topo sheet No. 58E/15.
3. The mining operation in GO 211 lease area is carried out from 1964. Production from this lease was stopped from March 2014. Originally the lease