

Agenda No. 128-09 :

(File No. 6751/2019)

Proposed Fresh lease Rough stone & gravel quarry over an extent of 4.63.5ha at S.F.No. 263/1, 263/2, 263/3, 263/5, 263/6 & 263/7 at Chettikurichi Village of Kayathar Taluk, Thoothukudi District in the state of Tamil Nadu by M/s.Selvi Chambers-For Environmental Clearance.

(SIA/TN/MIN/ 33274/2019) Dated: 18.03.2019

The proposal was placed in the 128th SEAC Meeting held on 15.04.2019. 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:

The Essential features of the projects are as follows:

1. Government order/ Lease details:

The Quarry lease was applied in the M/s. Shree Selvi Chambers, Precise Area Communication letter was issued by the District Collect, Thoothukudi vide Rc. No. 237/G&M/2018 Dated 25.09.2018 for a period of five years. It is a Fresh lease Rough stone and Gravel quarry from over an Extent of 4.63.5ha in S.F.No. 263/1, 263/2, 263/3, 263/5, 263/6 & 263/7 at Chettikurichi Village of Kayathar Taluk, Thoothukudi District.

2. Mining Plan/Scheme of Mining approval details:

Mining plan was prepared for the period of Five years. The Mining Plan was got approval by the Assistant Director, Department of Geology and Mining, Thoothukudi vide Rc.No.237/G&M/2018, Dated: 05.10.2018 for the period of five years.

3. As per the Department of Geology and Mining, Thoothukudi District, Mining plan approved for the 5 years, the production schedule for 5 years states that the total quantity of Rough stone should not exceed 6,20,945m³.

For First year - 1,27,340m³

For Second year - 1,20,990m³

For Third year - 1,26,345m³

For Fourth year - 1,29,205m³

For Fifth year - 1,17,065m³

4. The Gravel that will be resulting in the quarrying operation for the 5 years 62,848 m³. The excavated gravel preserve all along the boundary barrier to facilitate the greenbelt development and rough stone will be loaded into the tipper to the destination for Building projects and road projects works for filling and levelling of low lying areas.
5. Quarrying operation will be by Opencast Semi Mechanized Method with (Jackhammer) drilling and blasting.
6. Rough stone is to be transported by tippers of 10 T capacity.

The SEAC noted the following:

1. The Proponent, M/s. Selvi Chambers has applied for EC to SEIAA-TN on 18.03.2019 for the proposed Gravel quarry over an extent of 4.63.5ha at S.F.No. 263/1, 263/2, 263/3, 263/5, 263/6 & 263/7 at Chettikurichi Village of Kayathar Taluk, Thoothukudi 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.

Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the following conditions along with the normal additional conditions.

1. The proponent proposes to adopt blasting in the mining operation. In view of close proximity of the agricultural lands, within 500m radius from the mining lease area and habitation within 1Km radius from the mining lease area. Accordingly, the proponent shall carry out controlled blasting operation in the mine.
2. Occupational Health & Safety: The proponent should take all measures to protect the safety and health of the people likely to work in the mining project.
3. The waste generated should be dumped in the area allocated (within Lease area) for dumping purpose ensuring its stability of slope.
4. The proponent shall appoint the statutory personnel in the mines as per the provisions of Mines Act, 1952 and MMR, 1961.

5. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone an amount of Rs.1.97Lakhs (2% of the project Cost) as committed by the proponent as per Office Memorandum of MoEF & CC dated 01.05.2018. The proposal for the CER activities shall be submitted before placing the subject to SEIAA.
6. Detail mining closure plan for the proposed project shall be prepared keeping in view of restoring to original environment at the maximum extent possible submitted before placing the subject to SEIAA.
7. The proponent has reported that maximum quarrying operation will be 37m and ground water depth will be 40-45m. There will be no intersection of ground water due to the quarrying operation. However, the recharge & other ground water geological settings will be completely altered including the possibilities of subsidence in the nearby area. Hence, the committee decided that the proponent should carry out the hydro geological study report and the corresponding EMP may be submitted before placing the subject to SEIAA.
8. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.
9. The Project Proponent shall comply the mining and other relevant rules and regulations where ever applicable.
10. The quarrying activity shall be stopped if the entire quantity indicated in the Mining plan is quarried even before the expiry of the quarry lease period and the same shall be monitored by the District Authorities.
11. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT, Principle Bench, New Delhi O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/ 2016 (M.A.No.1182 /2016) and O.A.No.102/2017 and O.A.No.404/ 2016 (M.A.No. 758/2016, M.A. No. 920 /2016, M.A.No.1122/2016, M.A.No. 12/2017 & M.A.No.843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No.981/2016, M.A.No.982/2016 & M.A.No.384/2017),
12. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.