

Agenda No. 129-TA-06 :
(File No. 6677/2019)

Proposed Gravel quarry over an extent of 5.99.5 in S. F. No. 180/2, 180/3, 180/5, 181/1 in T. Pudukottai Village, Manamadurai Taluk and Sivagangai District in the state of Tamil Nadu by Thiru P. Muthukumar, – For Terms of Reference.

(SIA/TN/MIN/78817/2018 dated: 19.09.2018)

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:

1. Government order/Lease details :

The District Collector, Sivagangai vide Letter No. RC No: M2/723/2017 dated 18.04.2018 directed the proponent (P.Muthukumar) to get approved Mining Plan and Environment Clearance for Gravel Quarry over an extent of 5.99.5 Ha in S.F.No.:180/2, 180/3, 180/5 and 181/1 in T.Puthukkottai Village, Manamadurai Taluk, Sivagangai District, Tamil Nadu.

2. Mining Plan/Scheme of Mining approval details:

The Mining Plan was approved by Assistant Director, Dept. of Geology & Mining, Sivagangai vide Letter vide No. RC No: M2/723/2017 dated 19.07.2018 for a period of One year.

The following are the production and developmental works to be carried out for 12 Months (1 year) is as given in the table below,

Year	Over Burden (m ³)	ROM (m ³)	Saleable ore / mineral (m ³)	Sub grade ore / mineral	Mineral Rejects	Ore to overburden ratio
12 Months	Nil	82456	82456	0.00	0.00	1: 0

Total production for 12 Months 82456m³ to a depth of 2.0m

3. As per the Approved Mining Plan Production shall be 82456m³ (1 year) and 275m³ or 46 loads (Each of 6m³) per day for the 300 working days in a year.
4. The product itself a part of overburden and therefore no overburden or top soil shall be removed from this area.
5. Gravel quarry operation involves in machinery method for loading and transport by JCB excavator and tipper /Tractor combination.
6. Haulage of minerals will be done by trucks \ tractor tippers directly carry from mining area to consumer area.

The SEAC noted the following:

1. The Proponent, Thiru P. Muthukumar has applied for Environment clearances to SEIAA-TN on 19.09.2019 for the proposed Gravel quarry over an extent of 5.99.5 in S. F. No. 180/2, 180/3, 180/5, 181/1 in T. Pudukottai Village, Manamadurai Taluk and Sivagangai District, Tamilnadu.
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.

The SEAC has noted that the project proponent has applied through online vide (SIA/TN/MIN/78817/2018) dated: 19.09.2018 for seeking Environment clearance in an extent of 5.99.5 Ha at S. F. No. 180/2, 180/3, 180/5, 181/1 in T. Pudukottai Village, Manamadurai Taluk and Sivagangai District. As per the order dated 13.09.2018 of Hon'ble NGT, Principle Bench, New Delhi in 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), the


 CHAIRMAN
 SEAC-TN


proponent should apply for Terms of Reference in the online portal. Hence, the proponent is requested to apply through online for Terms of Reference and submit the acknowledgement copy. After submission of the same, the SEAC will decide the further course of action.

The project proponent has applied for Terms of Reference through online and submitted the acknowledgment slip to SEIAA. After perusal of the project proposal, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the normal conditions as part of ToR:

1. The proponent may conduct vibration studies for the mine through a recognized institute like Anna University, IIT, etc and submit the report.
2. A detailed report on the green belt plan shall be furnished.
3. The Socio economic studies should be carried out within 10km buffer zone from the mines.
4. Detailed mining closure plan for the proposed project shall be submitted.
5. The spot level and countour level of the proposed quarry site shall be studied and the same shall be submitted along with EIA report.
6. The hydro geological study shall be conducted and the report shall be furnished.
7. A detailed report on the safety and health aspects of the workers and for the surrounding habitants during operation of mining for drilling and blasting shall be submitted.
8. CER activities should be carried out taking in to consideration the requirement of the local habitants available within the buffer zone as per Office Memorandum of MoEF & CC dated 01.05.2018. Considering the above, the proponent has to furnish the CER proposal for the same.