

Minutes of SEAC Meeting

Subject:- SEAC EDS/Pending Files

Venue:- SSEAC CONFERENCE HALL

Date:- 10-Dec-2019

(1.) Proposal No. :- **SIA/TN/MIN/35599/2019** File No- **SW 104161**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/35599/2019** dated **01 Jul 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **C.Muni Reddy** located in Village State **Tamil Nadu** was initially received in the Ministry on **11 Jun 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [SEAC] during its **NA** th/nd/rd meeting held between **22 Apr 2019** to **02 May 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **11 Jun 2019**

PROJECT DETAILS

The project of 0 **C.Muni Reddy** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Krishnagiri	Hosur	Hosahalli

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Roughstone	455	6		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)

(1.)	HSD	0.15	4		nearest petrol punk	Road		12
------	-----	------	---	--	---------------------	------	--	----

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:- **The project proponent gave Presentation about the proposal. The SSEAC decided seek following details from the project proponent Details of village map, a register and FMB sketch shall be furnished, The proposal for green belt activities shall be furnished. A detailed study of the lithology of the mining lease area shall, be furnished. The copy of the land ownership documents for the proposed for Black Granite quarry from over an Extent of 1.14.5Ha in S.F. No. 592/2 of gudamalai village, Gangavalli Taluk, Salem District, Tamil Nadu shall be furnished. The copy of the Mining plan approval letter obtained from Deputy Director, Geology of mines shall be furnished. The Copy of the RDO, Hosur letter dated 14.09.2018 PWD & the District forest officer hosur letter dated 10.08.2018 the precise area communication letter issued by the District Collector. Krishnagiri shall be furnished. CER activities should be carried as per office Memorandum of MoEF & cc dated 01.05.2018 before obtaining CTO from TNPCB.**

RECOMMENDATIONS OF SEAC

The committee's recommendation: **The project proponent gave Presentation about the proposal. The SSEAC decided seek following details from the project proponent Details of village map, a register and FMB sketch shall be furnished, The proposal for green belt activities shall be furnished. A detailed study of the lithology of the mining lease area shall, be furnished. The copy of the land ownership documents for the proposed for Black Granite quarry from over an Extent of 1.14.5Ha in S.F. No. 592/2 of gudamalai village, Gangavalli Taluk, Salem District, Tamil Nadu shall be furnished. The copy of the Mining plan approval letter obtained from Deputy Director, Geology of mines shall be furnished. The Copy of the RDO, Hosur letter dated 14.09.2018 PWD & the District forest officer hosur letter dated 10.08.2018 the precise area communication letter issued by the District Collector. Krishnagiri shall be furnished. CER activities should be carried as per office Memorandum of MoEF & cc dated 01.05.2018 before obtaining CTO from TNPCB.**

Conclusion

Deferred

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	Details of village map, a register and FMB sketch shall be furnished, The proposal for green belt activities shall be furnished.
(2)	CER activities should be carried as per office Memorandum of MoEF & cc dated 01.05.2018 before obtaining CTO from TNPCB.
(3)	The copy of the Mining plan approval letter obtained from Deputy Director, Geology of mines shall be furnished. The Copy of the RDO, Hosur letter dated 14.09.2018 PWD & the District forest officer hosur letter dated 10.08.2018 the precise area communication letter issued by the District Collector. Krishnagiri shall be furnished.
(4)	A detailed study of the lithology of the mining lease area shall, be furnished. The copy of the land

ownership documents for the proposed for Black Granite quarry from over an Extent of 1.14.5Ha in S.F. No. 592/2 of gudamalai village, Gangavalli Taluk, Salem District, Tamil Nadu shall be furnished.

and also enclosed as **Annexture-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/41497/2019** File No- **0142**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/41497/2019** dated **21 Aug 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **K.Ganapathi, Rough stone and Gravel quarry project lease over an extent of 3.14.0ha in S.F.No. 109/2, 109/3 & 109/4 at Solur Village, Ambur Taluk, Vellore District.** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **21 Aug 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [SEAC] during its **0142** th/nd/rd meeting held between **21 Aug 2019** to **21 Aug 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **21 Aug 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Vellore	Vellore	Solur

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	3.140	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	86215	1		Quarrying	Road		1

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:-

- 1. The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that I. The project has been accorded Environmental Clearance. II. Copies of clearance letters are available with the Tamil Nadu Pollution Control Board. III. Environmental Clearance may also be seen on the website of the SEIAA. IV. The advertisement should be made within 7 days from the date of receipt of the clearance letter and a copy of the same shall be forwarded to the SEIAA.**
- 2. Mining activity should be reviewed by the District Collector after three years and decide for further extension.**
- 3. The applicant has to obtain land use classification as industrial use before issue/renewal of mining lease.**
- 4. NOC from the Standing committee of the NBWL shall be obtained, if protected areas are located within 10 Km from the proposed project site.**
- 5. The project proponent shall comply the conditions laid down in the Section V, Rule 36 of Tamil Nadu Minor Minerals Concession Rules 1959.**
- 6. A copy of the Environment Clearance letter shall be sent by the proponent to the concerned Panchayat, Town Panchayat / Panchayat union/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the proponent and also kept at the site, for the general public to see.**
- 7. Quarry lease area should be demarcated on the ground with wire fencing to show the boundary of the lease area on all sides with red flags on every pillar shall be erected before commencement of quarrying.**
- 8. The proponent shall ensure that First Aid Box is available at site.**
- 9. The excavation activity shall not alter the natural drainage pattern of the area.**
- 10. The excavated pit shall be restored by the project proponent for useful purposes.**
- 11. The proponent shall quarry and remove only in the permitted areas as per the approved Mining Plan details.**
- 12. The quarrying operation shall be restricted between 7AM and 5 PM.**
- 13. The proponent shall take necessary measures to ensure that there shall not be any adverse impacts due to quarrying operation on the nearby human habitations, by way of pollution to the environment.**
- 14. A minimum distance of 50 mts. From any civil structure shall be kept from the periphery of any excavation area.**
- 15. Depth of quarrying shall be 2m above the ground water table /approved depth of mining whichever is lesser to be considered as a safe guard against Environmental Contamination and over exploitation of resources.**
- 16. The mined out pits should be backfilled where warranted and area should be suitably landscaped to prevent environmental degradation. The mine closure plan as furnished in the proposal shall be strictly followed with back filling and tree plantation.**
- 17. Wet drilling method is to be adopted to control dust emissions. Delay detonators and shock tube initiation system for blasting shall be used so as to reduce vibration and dust.**
- 18. Drilling and blasting shall be done only either by licensed explosive agent or by the proponent after obtaining required approvals from Competent Authorities.**
- 19. The explosives shall be stored at site as per the conditions stipulated in the permits issued by the licensing Authority.**
- 20. Blasting shall be carried out after announcing to the public adequate through public address system to avoid any accident.**
- 21. A study has to be conducted to assess the optimum blast parameters and blast design to keep the vibration limits less than prescribed levels and only such design and parameters should be implemented while blasting is done. Periodical monitoring of the vibration at specified location to be conducted and records kept for inspection.**
- 22. The Proponent shall take appropriate measures to ensure that the GLC shall comply with the revised NAAQ norms notified by MoEF & CC, GoI on 16.11.2009.**
- 23. The following measures are to be implemented to reduce Air Pollution during transportation of mineral i. Roads shall be**

graded to mitigate the dust emission. ii. Water shall be sprinkled at regular interval on the main road and other service roads to suppress dust 24. The following measures are to be implemented to reduce Noise Pollution i. Proper and regular maintenance of vehicles and other equipment ii. Limiting time exposure of workers to excessive noise. iii. The workers employed shall be provided with protection equipment and earmuffs etc. iv. 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. 25. 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 MoEF & CC, GoI to control noise to the prescribed levels. 26. Suitabl

RECOMMENDATIONS OF SEAC

The committee's recommendation: 31. 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. 32. Rain water harvesting to collect and utilize the entire water falling in land area should be provided. 33. Rain water getting accumulated in the quarry floor shall not be discharged directly to the nearby stream or water body. If it is to be let into the nearby water body, it has to be discharged into a silt trap on the surface within the lease area and only the overflow after allowing settling of soil be let into the nearby waterways. The silt trap should be of sufficient dimensions to catch all the silt water being pumped out during one season. The silt trap should be cleaned of all the deposited silt at the end of the season and kept ready for taking care of the silt in the next season. 34. The lease holder shall undertake adequate safeguard measures during extraction of material and ensure that due to this activity, the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area during the mining operation. If at any stage, if it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out. District Collector/mining officer shall ensure this. 35. No tree-felling shall be done in the leased area, except only with the permission from competent Authority. 36. To take up environmental monitoring of the proposed quarry site before, during and after the mining activities including vibration study data, water, air & flora/fauna environment, slurry water generated/disposed and method of disposal, involving a reputed academic Institution. 37. It shall be ensured that the total extent of nearby quarries(existing, abandoned and proposed) located within 500 meter radius from the periphery of this quarry is not exceeding 5 hectares within the mining lease period of this application. 38. It shall be ensured that there is no habitation is located within 300 meter radius from the periphery of the quarry site and also ensure that no hindrance will be caused to the people of the habitation located within 500m radius from the periphery of the quarry site. 39. Free Silica test should be conducted and reported to TNPCB, Department of Geology and Mining and Regional Director, MoEF & CC, GOI. 40. Air sampling at intersection point should be conducted and reported to TNPCB, Department of Geology and Mining and Regional Director, MoEF & CC, GOI. 41. Bunds to be provided at the boundary of the project site. 42. The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the lease area at the rate of 400/Ha. Suitable tall tree saplings should be planted on the bunds and other suitable areas in and around the work place. 43. At least 10 Neem trees should be planted around the boundary of the quarry site. 44. Floor of excavated pit to be levelled and sides to be sloped with gentle slope (Except for granite quarries) in the mine closure phase. 45. The Project Proponent shall ensure a minimum of 2.5% of the annual turnover will be utilized for the CSR Activity 46. The Project Proponent shall provide solar lighting system to the nearby villages. 47. Rainwater shall be pumped out Via Settling Tank only 48. Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained. 49. Safety equipments to be provided to all the employees. 50. Safety distance of 50m has to be provided in case of railway, reservoir, canal/odai 51. The Assistant/Deputy Director, Department of Geology & mining shall ensure that the proponent has engaged the blaster with valid Blasting license/certificate obtained from the competent authority before execution of mining lease. 52. The proponent shall furnish the Baseline data covering the Air, Water, Noise and land environment quality for the proposed quarry site before execution of mining lease. 53. The proponent shall erect the pillars in accordance with the Rules for depicting GPS details in the earmarked

boundary of the quarry site to monitor electronically before execution of mining. 54. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease. 55. The proponent has to display the name board at the quarry site showing the details of Proponent, lease period, extent, etc., with respect to the existing activity before execution of mining. 56. Heavy earth machinery equipments if utilized, after getting approval from the competent authority. 57. The Proponent shall ensure that the project activity including blasting, mining transportation etc sho

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	The Assistant/Deputy Director, Department of Geology & mining shall ensure that the proponent has engaged the blaster with valid Blasting license/certificate obtained from the competent authority before execution of mining lease. The proponent shall furnish the Baseline data covering the Air, Water, Noise and land environment quality for the proposed quarry site before execution of mining lease. The proponent shall erect the pillars in accordance with the Rules for depicting GPS details in the earmarked boundary of the quarry site to monitor electronically before execution of mining.
(2)	The proponent shall provide Green Belt development at the rate of not less than 400 trees/Hectare. The tree saplings shall be not less than 3m height. Ground water quality monitoring should be conducted once in six month and the report should be submitted to TNPCB. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. The operation of the quarry shall no way impact the agriculture activity & water bodies near the project site.
(3)	As per MoEF & CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wildlife angle including clearance from obtaining committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10KM from National Park and Sanctuaries.
(4)	A copy of the Environment Clearance letter shall be sent by the proponent to the concerned Panchayat, Town Panchayat / Panchayat union/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the proponent and also kept at the site, for the general public to see.
(5)	Quarry lease area should be demarcated on the ground with wire fencing to show the boundary of the lease area on all sides with red flags on every pillar shall be erected before commencement of quarrying. The proponent shall ensure that First Aid Box is available at site.
(6)	The mined out pits should be backfilled where warranted and area should be suitably landscaped to prevent environmental degradation. The mine closure plan as furnished in the proposal shall be strictly followed with back filling and tree plantation. Wet drilling method is to be adopted to control dust emissions. Delay detonators and shock tube initiation system for blasting shall be used so as to reduce vibration and dust. Drilling and blasting shall be done only either by licensed explosive agent or by the proponent after obtaining required approvals from Competent Authorities.
(7)	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 MoEF & CC, GoI to control noise to the prescribed levels. Suitable conservation measures to augment groundwater resources in the area

	shall be planned and implemented in consultation with Regional Director, CGWB. Suitable measures should be taken for rainwater harvesting. Permission from the competent authority should be obtained for drawl of ground water, if any, required for this project.
(8)	The lease holder shall undertake adequate safeguard measures during extraction of material and ensure that due to this activity, the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area during the mining operation. If at any stage, if it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out. District Collector/mining officer shall ensure this.
(9)	The recommendation for the issue of environmental clearance is subject to the outcome of the HonarableNGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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).
(10)	The Project proponent has to strictly comply the outcome/direction of the HonarableNGT, Principle Bench, New Delhi in the O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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 EMP Cost shall be deposited in a nationalized bank by opening separate account and head wise expense statement shall be furnished to TNPCB with a copy to SEIAA annually.
(11)	The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that I The project has been accorded Environmental Clearance. II. Copies of clearance letters are available with the Tamil Nadu Pollution Control Board. III. Environmental Clearance may also be seen on the website of the SEIAA. IV. The advertisement should be made within 7 days from the date of receipt of the clearance letter and a copy of the same shall be forwarded to the SEIAA.
(12)	No tree-felling shall be done in the leased area, except only with the permission from competent Authority. To take up environmental monitoring of the proposed quarry site before, during and after the mining activities including vibration study data, water, air & flora/fauna environment, slurry water generated/disposed and method of disposal, involving a reputed academic Institution. It shall be ensured that the total extent of nearby quarries(existing, abandoned and proposed) located within 500 meter radius from the periphery of this quarry is not exceeding 5 hectares within the mining lease period of this application.
(13)	The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease. The proponent has to display the name board at the quarry site showing the details of Proponent, lease period, extent, etc., with respect to the existing activity before execution of mining. Heavy earth machinery equipments if utilized, after getting approval from the competent authority. 57. The Proponent shall ensure that the project activity including blasting, mining transportation etc should in no way have adverse impact to the other forests, such as reserve forests and social forests, tree plantation and bio diversity, surrounding water bodies etc.
(14)	The explosives shall be stored at site as per the conditions stipulated in the permits issued by the licensing Authority. Blasting shall be carried out after announcing to the public adequate through public address system to avoid any accident. 21. A study has to be conducted to assess the optimum blast parameters and blast design to keep the vibration limits less than prescribed levels and only such design and parameters should be implemented while blasting is done. Periodical monitoring of the vibration at specified location to be conducted and records kept for inspection.
(15)	The Project proponent has to strictly comply the outcome/direction of the HonarableNGT, Principle

	Bench, New Delhi in the O.A.No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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 EMP Cost shall be deposited in a nationalized bank by opening separate account and head wise expense statement shall be furnished to TNPCB with a copy to SEIAA annually.
(16)	Mining activity should be reviewed by the District Collector after three years and decide for further extension. The applicant has to obtain land use classification as industrial use before issue/renewal of mining lease.
(17)	A minimum distance of 50 mts. From any civil structure shall be kept from the periphery of any excavation area. Depth of quarrying shall be 2m above the ground water table /approved depth of mining whichever is lesser to be considered as a safe guard against Environmental Contamination and over exploitation of resources.
(18)	43. At least 10 Neem trees should be planted around the boundary of the quarry site. 44. Floor of excavated pit to be levelled and sides to be sloped with gentle slope (Except for granite quarries) in the mine closure phase. 45. The Project Proponent shall ensure a minimum of 2.5% of the annual turnover will be utilized for the CSR Activity 46. The Project Proponent shall provide solar lighting system to the nearby villages. 47. Rainwater shall be pumped out Via Settling Tank only 48. Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained. Safety equipments to be provided to all the employees.Safety distance of 50m has to be provided in case of railway, reservoir, canal/odai
(19)	To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported. 68. All the condition imposed by the District Collector, Vellore vide Rc.No. 120/2018(Mines) Dated: 10.08.2019 should be strictly followed. 69. The project proponent shall utilize the CER amount for Rs. 3.61 Lakhs (2% of project cost) to carry out for infrastructure facilities in Solur Village Govt School as per Office Memorandum of MoEF & CC dated 01.05.2018. The above activity shall be carried out before obtaining CTO from TNPCB.
(20)	The Proponent shall take appropriate measures to ensure that the GLC shall comply with the revised NAAQ norms notified by MoEF & CC, GoI on 16.11.2009. The following measures are to be implemented to reduce Air Pollution during transportation of mineral i. Roads shall be graded to mitigate the dust emission. ii. Water shall be sprinkled at regular interval on the main road and other service roads to suppress dust
(21)	The following measures are to be implemented to reduce Noise Pollution i. Proper and regular maintenance of vehicles and other equipment ii. Limiting time exposure of workers to excessive noise. iii. The workers employed shall be provided with protection equipment and earmuffs etc. iv. 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.
(22)	Topsoil, if any, shall be stacked properly with proper slope with adequate measures and should be used for plantation purpose. The following measures are to be adopted to control erosion of dumps:- i. Retention/ toe walls shall be provided at the foot of the dumps. ii. Worked out slopes are to be stabilized by planting appropriate shrub/ grass species on the slopes.
(23)	It shall be ensured that there is no habitation is located within 300 meter radius from the periphery of the quarry site and also ensure that no hindrance will be caused to the people of the habitation located within 500m radius from the periphery of the quarry site. Free Silica test should be conducted and reported to TNPCB, Department of Geology and Mining and Regional Director, MoEF & CC, GOI. Air sampling at intersection point should be conducted and reported to TNPCB, Department of Geology and Mining and Regional Director, MoEF & CC, GOI. Bunds to be provided at the boundary of the project site. The project proponent shall undertake plantation/afforestation work by planting the

	native species on all side of the lease area at the rate of 400/Ha. Suitable tall tree saplings should be planted on the bunds and other suitable areas in and around the work place.
(24)	The excavation activity shall not alter the natural drainage pattern of the area. The excavated pit shall be restored by the project proponent for useful purposes. The proponent shall quarry and remove only in the permitted areas as per the approved Mining Plan details. The quarrying operation shall be restricted between 7AM and 5 PM. The proponent shall take necessary measures to ensure that there shall not be any adverse impacts due to quarrying operation on the nearby human habitations, by way of pollution to the environment.
(25)	Waste oils, used oils generated from the EM machines, mining operations, if any, shall be disposed as per the Hazardous & other Wastes (Management, Handling, and trans boundary movement) Rules, 2016 and its amendments thereof to the recyclers authorized by TNPCB. 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.
(26)	Rain water harvesting to collect and utilize the entire water falling in land area should be provided. Rain water getting accumulated in the quarry floor shall not be discharged directly to the nearby stream or water body. If it is to be let into the nearby water body, it has to be discharged into a silt trap on the surface within the lease area and only the overflow after allowing settling of soil be let into the nearby waterways. The silt trap should be of sufficient dimensions to catch all the silt water being pumped out during one season. The silt trap should be cleaned of all the deposited silt at the end of the season and kept ready for taking care of the silt in the next season.
(27)	NOC from the Standing committee of the NBWL shall be obtained, if protected areas are located within 10 Km from the proposed project site. The project proponent shall comply the conditions laid down in the Section V, Rule 36 of Tamil Nadu Minor Minerals Concession Rules 1959.
(28)	Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 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.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/42239/2019** File No- **0153**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/42239/2019** dated **03 Sep 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **R.Malarvizhi , Rough stone quarry project lease over an extent of 1.00.0ha in S.F.No. 1027 (Part) (Block-2) at Kariyampatti Village, Oddanchatram Taluk, Dindigul District** of M/s **GEO EXPLORATION MINING**

located in Village State **Tamil Nadu** was initially received in the Ministry on **01 Sep 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [SEAC] during its **0153** th/nd/rd meeting held between **02 Sep 2019** to **02 Sep 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **01 Sep 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Dindigul	Oddanchatram	Kariyampatti

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	1.000	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	50100	9	Cubic meter	Quarrying	Road		1

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:- **1. The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that I. The project has been accorded Environmental Clearance. II. Copies of clearance letters are available with the Tamil Nadu Pollution Control Board. III. Environmental Clearance may also be seen on the website of the SEIAA. IV. The advertisement should be made within 7 days from the date of receipt of the clearance letter and a copy of the same shall be forwarded to the SEIAA. 2. Mining activity should be reviewed by the District Collector after three years and decide for further extension. 3. The applicant has to obtain land use classification as industrial use before issue/renewal of mining lease. 4. NOC from the Standing committee of the NBWL shall be obtained, if protected areas are located within 10 Km from the proposed project site. 5. The project proponent shall comply the conditions laid down in the Section V, Rule 36 of Tamil Nadu Minor Minerals Concession Rules 1959. 6. A copy of the Environment Clearance letter shall be sent by the proponent to the concerned Panchayat, Town Panchayat / Panchayat union/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put**

on the website of the proponent and also kept at the site, for the general public to see. 7. Quarry lease area should be demarcated on the ground with wire fencing to show the boundary of the lease area on all sides with red flags on every pillar shall be erected before commencement of quarrying. 8. The proponent shall ensure that First Aid Box is available at site. 9. The excavation activity shall not alter the natural drainage pattern of the area. 10. The excavated pit shall be restored by the project proponent for useful purposes. 11. The proponent shall quarry and remove only in the permitted areas as per the approved Mining Plan details. 12. The quarrying operation shall be restricted between 7AM and 5 PM. 13. The proponent shall take necessary measures to ensure that there shall not be any adverse impacts due to quarrying operation on the nearby human habitations, by way of pollution to the environment. 14. A minimum distance of 50 mts. From any civil structure shall be kept from the periphery of any excavation area. 15. Depth of quarrying shall be 2m above the ground water table /approved depth of mining whichever is lesser to be considered as a safe guard against Environmental Contamination and over exploitation of resources. 16. The mined out pits should be backfilled where warranted and area should be suitably landscaped to prevent environmental degradation. The mine closure plan as furnished in the proposal shall be strictly followed with back filling and tree plantation. 17. Wet drilling method is to be adopted to control dust emissions. Delay detonators and shock tube initiation system for blasting shall be used so as to reduce vibration and dust. 18. Drilling and blasting shall be done only either by licensed explosive agent or by the proponent after obtaining required approvals from Competent Authorities. 19. The explosives shall be stored at site as per the conditions stipulated in the permits issued by the licensing Authority. 20. Blasting shall be carried out after announcing to the public adequate through public address system to avoid any accident. 21. A study has to be conducted to assess the optimum blast parameters and blast design to keep the vibration limits less than prescribed levels and only such design and parameters should be implemented while blasting is done. Periodical monitoring of the vibration at specified location to be conducted and records kept for inspection. 22. The Proponent shall take appropriate measures to ensure that the GLC shall comply with the revised NAAQ norms notified by MoEF & CC, GoI on 16.11.2009. 23. The following measures are to be implemented to reduce Air Pollution during transportation of mineral i. Roads shall be graded to mitigate the dust emission. ii. Water shall be sprinkled at regular interval on the main road and other service roads to suppress dust 24. The following measures are to be implemented to reduce Noise Pollution i. Proper and regular maintenance of vehicles and other equipment ii. Limiting time exposure of workers to excessive noise. iii. The workers employed shall be provided with protection equipment and earmuffs etc. iv. 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. 25. 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 MoEF & CC, GoI to control noise to the prescribed levels. 26. Suitab

RECOMMENDATIONS OF SEAC

The committee's recommendation: 1. The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that I. The project has been accorded Environmental Clearance. II. Copies of clearance letters are available with the Tamil Nadu Pollution Control Board. III. Environmental Clearance may also be seen on the website of the SEIAA. IV. The advertisement should be made within 7 days from the date of receipt of the clearance letter and a copy of the same shall be forwarded to the SEIAA. 2. Mining activity should be reviewed by the District Collector after three years and decide for further extension. 3. The applicant has to obtain land use classification as industrial use before issue/renewal of mining lease. 4. NOC from the Standing committee of the NBWL shall be obtained, if protected areas are located within 10 Km from the proposed project site. 5. The project proponent shall comply the conditions laid down in the Section V, Rule 36 of Tamil Nadu Minor Minerals Concession Rules 1959. 6. A copy of the Environment Clearance letter shall be sent by the proponent to the concerned Panchayat, Town Panchayat / Panchayat union/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the proponent and also kept at the site, for the general public to see. 7. Quarry lease area should be

demarcated on the ground with wire fencing to show the boundary of the lease area on all sides with red flags on every pillar shall be erected before commencement of quarrying. 8. The proponent shall ensure that First Aid Box is available at site. 9. The excavation activity shall not alter the natural drainage pattern of the area. 10. The excavated pit shall be restored by the project proponent for useful purposes. 11. The proponent shall quarry and remove only in the permitted areas as per the approved Mining Plan details. 12. The quarrying operation shall be restricted between 7AM and 5 PM. 13. The proponent shall take necessary measures to ensure that there shall not be any adverse impacts due to quarrying operation on the nearby human habitations, by way of pollution to the environment. 14. A minimum distance of 50 mts. From any civil structure shall be kept from the periphery of any excavation area. 15. Depth of quarrying shall be 2m above the ground water table /approved depth of mining whichever is lesser to be considered as a safe guard against Environmental Contamination and over exploitation of resources. 16. The mined out pits should be backfilled where warranted and area should be suitably landscaped to prevent environmental degradation. The mine closure plan as furnished in the proposal shall be strictly followed with back filling and tree plantation. 17. Wet drilling method is to be adopted to control dust emissions. Delay detonators and shock tube initiation system for blasting shall be used so as to reduce vibration and dust. 18. Drilling and blasting shall be done only either by licensed explosive agent or by the proponent after obtaining required approvals from Competent Authorities. 19. The explosives shall be stored at site as per the conditions stipulated in the permits issued by the licensing Authority. 20. Blasting shall be carried out after announcing to the public adequate through public address system to avoid any accident. 21. A study has to be conducted to assess the optimum blast parameters and blast design to keep the vibration limits less than prescribed levels and only such design and parameters should be implemented while blasting is done. Periodical monitoring of the vibration at specified location to be conducted and records kept for inspection. 22. The Proponent shall take appropriate measures to ensure that the GLC shall comply with the revised NAAQ norms notified by MoEF & CC, GoI on 16.11.2009. 23. The following measures are to be implemented to reduce Air Pollution during transportation of mineral i. Roads shall be graded to mitigate the dust emission. ii. Water shall be sprinkled at regular interval on the main road and other service roads to suppress dust 24. The following measures are to be implemented to reduce Noise Pollution i. Proper and regular maintenance of vehicles and other equipment ii. Limiting time exposure of workers to excessive noise. iii. The workers employed shall be provided with protection equipment and earmuffs etc. iv. 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. 25. 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 MoEF & CC, GoI to control noise to the prescribed levels. 26. Suitab

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	The quarrying operation shall be restricted between 7AM and 5 PM. The proponent shall take necessary measures to ensure that there shall not be any adverse impacts due to quarrying operation on the nearby human habitations, by way of pollution to the environment. A minimum distance of 50 mts. From any civil structure shall be kept from the periphery of any excavation area. Depth of quarrying shall be 2m above the ground water table /approved depth of mining whichever is lesser to be considered as a safe guard against Environmental Contamination and over exploitation of resources. The mined out pits should be backfilled where warranted and area should be suitably landscaped to prevent environmental degradation. The mine closure plan as furnished in the proposal shall be strictly followed with back filling and tree plantation.

(2)	A copy of the Environment Clearance letter shall be sent by the proponent to the concerned Panchayat, Town Panchayat / Panchayat union/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the proponent and also kept at the site, for the general public to see. Quarry lease area should be demarcated on the ground with wire fencing to show the boundary of the lease area on all sides with red flags on every pillar shall be erected before commencement of quarrying. The proponent shall ensure that First Aid Box is available at site. The excavation activity shall not alter the natural drainage pattern of the area. The excavated pit shall be restored by the project proponent for useful purposes. The proponent shall quarry and remove only in the permitted areas as per the approved Mining Plan details.
(3)	A study has to be conducted to assess the optimum blast parameters and blast design to keep the vibration limits less than prescribed levels and only such design and parameters should be implemented while blasting is done. Periodical monitoring of the vibration at specified location to be conducted and records kept for inspection. The Proponent shall take appropriate measures to ensure that the GLC shall comply with the revised NAAQ norms notified by MoEF & CC, GoI on 16.11.2009. The following measures are to be implemented to reduce Air Pollution during transportation of mineral i. Roads shall be graded to mitigate the dust emission. ii. Water shall be sprinkled at regular interval on the main road and other service roads to suppress dust
(4)	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 MoEF & CC, GoI to control noise to the prescribed levels. Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with Regional Director, CGWB. Suitable measures should be taken for rainwater harvesting. Permission from the competent authority should be obtained for drawl of ground water, if any, required for this project. Topsoil, if any, shall be stacked properly with proper slope with adequate measures and should be used for plantation purpose. 29. The following measures are to be adopted to control erosion of dumps:- i. Retention/ toe walls shall be provided at the foot of the dumps. ii. Worked out slopes are to be stabilized by planting appropriate shrub/ grass species on the slopes.
(5)	Waste oils, used oils generated from the EM machines, mining operations, if any, shall be disposed as per the Hazardous & other Wastes (Management, Handling, and transboundary movement) Rules, 2016 and its amendments thereof to the recyclers authorized by TNPCB. 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. Rain water harvesting to collect and utilize the entire water falling in land area should be provided.
(6)	Rain water getting accumulated in the quarry floor shall not be discharged directly to the nearby stream or water body. If it is to be let into the nearby water body, it has to be discharged into a silt trap on the surface within the lease area and only the overflow after allowing settling of soil be let into the nearby waterways. The silt trap should be of sufficient dimensions to catch all the silt water being pumped out during one season. The silt trap should be cleaned of all the deposited silt at the end of the season and kept ready for taking care of the silt in the next season. The lease holder shall undertake adequate safeguard measures during extraction of material and ensure that due to this activity, the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area during the mining operation. If at any stage, if it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out. District Collector/mining officer shall ensure this.
(7)	Safety distance of 50m has to be provided in case of railway, reservoir, canal/odai The Assistant/Deputy Director, Department of Geology & mining shall ensure that the proponent has engaged the blaster with valid Blasting license/certificate obtained from the competent authority before execution of mining lease. The proponent shall furnish the Baseline data covering the Air, Water, Noise and land environment quality for the proposed quarry site before execution of mining lease. The proponent shall erect the pillars in accordance with the Rules for depicting GPS details in

	the earmarked boundary of the quarry site to monitor electronically before execution of mining. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease.
(8)	Wet drilling method is to be adopted to control dust emissions. Delay detonators and shock tube initiation system for blasting shall be used so as to reduce vibration and dust. Drilling and blasting shall be done only either by licensed explosive agent or by the proponent after obtaining required approvals from Competent Authorities. The explosives shall be stored at site as per the conditions stipulated in the permits issued by the licensing Authority. Blasting shall be carried out after announcing to the public adequate through public address system to avoid any accident.
(9)	Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 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.
(10)	The following measures are to be implemented to reduce Noise Pollution i. Proper and regular maintenance of vehicles and other equipment ii. Limiting time exposure of workers to excessive noise. iii. The workers employed shall be provided with protection equipment and earmuffs etc. iv. 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.
(11)	It shall be ensured that there is no habitation is located within 300 meter radius from the periphery of the quarry site and also ensure that no hindrance will be caused to the people of the habitation located within 500m radius from the periphery of the quarry site. 39. Free Silica test should be conducted and reported to TNPCB, Department of Geology and Mining and Regional Director, MoEF & CC, GOI. Air sampling at intersection point should be conducted and reported to TNPCB, Department of Geology and Mining and Regional Director, MoEF & CC, GOI. Bunds to be provided at the boundary of the project site.
(12)	Free Silica test should be conducted and reported to TNPCB, Department of Geology and Mining and Regional Director, MoEF & CC, GOI. Air sampling at intersection point should be conducted and reported to TNPCB, Department of Geology and Mining and Regional Director, MoEF & CC, GOI. Bunds to be provided at the boundary of the project site.
(13)	The Project Proponent shall ensure a minimum of 2.5% of the annual turnover will be utilized for the CSR Activity The Project Proponent shall provide solar lighting system to the nearby villages. Rainwater shall be pumped out Via Settling Tank only Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained. Safety equipments to be provided to all the employees.
(14)	The project proponent shall utilize the CER amount for Rs. 1.18 Lakhs (2% of project cost) to carry out for infrastructure facilities in Kariyampatti Village Govt School as per Office Memorandum of MoEF & CC dated 01.05.2018. The above activity shall be carried out before obtaining CTO from TNPCB. 70. The Project proponent has to strictly comply the outcome/direction of the Honorable NGT, Principle Bench, New Delhi in the O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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).
(15)	The EMP Cost shall be deposited in a nationalized bank by opening separate account and head wise expense statement shall be furnished to TNPCB with a copy to SEIAA annually. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throw away plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986. 73. The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any

	other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
(16)	Mining activity should be reviewed by the District Collector after three years and decide for further extension. The applicant has to obtain land use classification as industrial use before issue/renewal of mining lease. NOC from the Standing committee of the NBWL shall be obtained, if protected areas are located within 10 Km from the proposed project site. The project proponent shall comply the conditions laid down in the Section V, Rule 36 of Tamil Nadu Minor Minerals Concession Rules 1959.
(17)	The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that I. The project has been accorded Environmental Clearance. II. Copies of clearance letters are available with the Tamil Nadu Pollution Control Board. III. Environmental Clearance may also be seen on the website of the SEIAA. IV. The advertisement should be made within 7 days from the date of receipt of the clearance letter and a copy of the same shall be forwarded to the SEIAA.
(18)	Waste oils, used oils generated from the EM machines, mining operations, if any, shall be disposed as per the Hazardous & other Wastes (Management, Handling, and transboundary movement) Rules, 2016 and its amendments thereof to the recyclers authorized by TNPCB. 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. Rain water harvesting to collect and utilize the entire water falling in land area should be provided.
(19)	No tree-felling shall be done in the leased area, except only with the permission from competent Authority. To take up environmental monitoring of the proposed quarry site before, during and after the mining activities including vibration study data, water, air & flora/fauna environment, slurry water generated/disposed and method of disposal, involving a reputed academic Institution. It shall be ensured that the total extent of nearby quarries(existing, abandoned and proposed) located within 500 meter radius from the periphery of this quarry is not exceeding 5 hectares within the mining lease period of this application.
(20)	The Proponent shall ensure that the project activity including blasting, mining transportation etc should in no way have adverse impact to the other forests, such as reserve forests and social forests, tree plantation and bio diversity, surrounding water bodies etc. The proponent shall provide Green Belt development at the rate of not less than 400 trees/Hectare. The tree saplings shall be not less than 3m height. Ground water quality monitoring should be conducted once in six month and the report should be submitted to TNPCB. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. The operation of the quarry shall no way impact the agriculture activity & water bodies near the project site.
(21)	The proponent has to display the name board at the quarry site showing the details of Proponent, lease period, extent, etc., with respect to the existing activity before execution of mining. Heavy earth machinery equipments if utilized, after getting approval from the competent authority.
(22)	To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported. All the condition imposed by the District Collector, Dindigul vide Rc.No. 706/2017(Kanimam) Dated: 20.04.2018 should be strictly followed.
(23)	Rain water getting accumulated in the quarry floor shall not be discharged directly to the nearby stream or water body. If it is to be let into the nearby water body, it has to be discharged into a silt trap on the surface within the lease area and only the overflow after allowing settling of soil be let into the nearby waterways. The silt trap should be of sufficient dimensions to catch all the silt water being pumped out during one season. The silt trap should be cleaned of all the deposited silt at the end of the season and kept ready for taking care of the silt in the next season. The lease holder shall undertake

	adequate safeguard measures during extraction of material and ensure that due to this activity, the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area during the mining operation. If at any stage, if it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out. District Collector/mining officer shall ensure this.
(24)	The recommendation for the issue of environmental clearance is subject to the outcome of the HonarableNGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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).
(25)	As per MoEF & CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wildlife angle including clearance from obtaining committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10KM from National Park and Sanctuaries.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Commiittee in its ----- th meeting held during ----- to ----- . After detailed deliberation the commiittee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the appliation based on the recommendations of the Expert Appraisal Commiittee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/43037/2019** File No- **0166**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/43037/2019** dated **17 Sep 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **Tvl. M.S.M. Mining, Rough Stone and Gravel Quarry Project over an Extent of 3.55.0ha Palaveri Village, Uthiramerur Taluk, Kanchipuram District**, of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **17 Sep 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [SEAC] during its **0165** th/nd/rd meeting held between **17 Sep 2019** to **17 Sep 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **17 Sep 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Kanchipuram	Uthiramerur	Palaveri

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	3.550	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Rough Stone	66888	9	Cubic meter	Quarrying	Road		1

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:- **1. The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that I. The project has been accorded Environmental Clearance. II. Copies of clearance letters are available with the Tamil Nadu Pollution Control Board. III. Environmental Clearance may also be seen on the website of the SEIAA. IV. The advertisement should be made within 7 days from the date of receipt of the clearance letter and a copy of the same shall be forwarded to the SEIAA. 2. Mining activity should be reviewed by the District Collector after three years and decide for further extension. 3. The applicant has to obtain land use classification as industrial use before issue/renewal of mining lease. 4. NOC from the Standing committee of the NBWL shall be obtained, if protected areas are located within 10 Km from the proposed project site. 5. The project proponent shall comply the conditions laid down in the Section V, Rule 36 of Tamil Nadu Minor Minerals Concession Rules 1959. 6. A copy of the Environment Clearance letter shall be sent by the proponent to the concerned Panchayat, Town Panchayat / Panchayat union/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the proponent and also kept at the site, for the general public to see. 7. Quarry lease area should be demarcated on the ground with wire fencing to show the boundary of the lease area on all sides with red flags on every pillar shall be erected before commencement of quarrying. 8. The proponent shall ensure that First Aid Box is available at site. 9. The excavation activity shall not alter the natural drainage pattern of the area. 10. The excavated pit shall be restored by the project proponent for useful purposes. 11. The proponent shall quarry and remove only in the permitted areas as per the approved Mining Plan details. 12. The quarrying operation shall be restricted between 7AM and 5 PM. 13. The proponent shall take necessary measures to ensure that there shall not be any adverse impacts due to quarrying operation on the nearby human habitations, by way of pollution to the environment. 14. A minimum distance of 50 mts. From any civil structure shall be kept from the periphery of any excavation area. 15. Depth of quarrying shall be 2m above the ground water table /approved depth of mining whichever is lesser to be considered as a safe guard against Environmental Contamination and over exploitation of resources. 16. The mined out pits should be backfilled where warranted and area should be suitably landscaped to prevent environmental degradation. The mine closure plan as furnished in the proposal shall be strictly**

followed with back filling and tree plantation. 17. Wet drilling method is to be adopted to control dust emissions. Delay detonators and shock tube initiation system for blasting shall be used so as to reduce vibration and dust. 18. Drilling and blasting shall be done only either by licensed explosive agent or by the proponent after obtaining required approvals from Competent Authorities. 19. The explosives shall be stored at site as per the conditions stipulated in the permits issued by the licensing Authority. 20. Blasting shall be carried out after announcing to the public adequate through public address system to avoid any accident. 21. A study has to be conducted to assess the optimum blast parameters and blast design to keep the vibration limits less than prescribed levels and only such design and parameters should be implemented while blasting is done. Periodical monitoring of the vibration at specified location to be conducted and records kept for inspection. 22. The Proponent shall take appropriate measures to ensure that the GLC shall comply with the revised NAAQ norms notified by MoEF & CC, GoI on 16.11.2009. 23. The following measures are to be implemented to reduce Air Pollution during transportation of mineral i. Roads shall be graded to mitigate the dust emission. ii. Water shall be sprinkled at regular interval on the main road and other service roads to suppress dust 24. The following measures are to be implemented to reduce Noise Pollution i. Proper and regular maintenance of vehicles and other equipment ii. Limiting time exposure of workers to excessive noise. iii. The workers employed shall be provided with protection equipment and earmuffs etc. iv. 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. 25. 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 MoEF & CC, GoI to control noise to the prescribed levels. 26. Suita

RECOMMENDATIONS OF SEAC

The committee's recommendation: 45. The Project Proponent shall ensure a minimum of 2.5% of the annual turnover will be utilized for the CSR Activity 46. The Project Proponent shall provide solar lighting system to the nearby villages. 47. Rainwater shall be pumped out Via Settling Tank only 48. Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained. 49. Safety equipments to be provided to all the employees. 50. Safety distance of 50m has to be provided in case of railway, reservoir, canal/odai 51. The Assistant/Deputy Director, Department of Geology & mining shall ensure that the proponent has engaged the blaster with valid Blasting license/certificate obtained from the competent authority before execution of mining lease. 52. The proponent shall furnish the Baseline data covering the Air, Water, Noise and land environment quality for the proposed quarry site before execution of mining lease. 53. The proponent shall erect the pillars in accordance with the Rules for depicting GPS details in the earmarked boundary of the quarry site to monitor electronically before execution of mining. 54. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease. 55. The proponent has to display the name board at the quarry site showing the details of Proponent, lease period, extent, etc., with respect to the existing activity before execution of mining. 56. Heavy earth machinery equipments if utilized, after getting approval from the competent authority. 57. The Proponent shall ensure that the project activity including blasting, mining transportation etc should in no way have adverse impact to the other forests, such as reserve forests and social forests, tree plantation and bio diversity, surrounding water bodies etc. 58. The proponent shall provide Green Belt development at the rate of not less than 400 trees/Hectare. The tree saplings shall be not less than 3m height. 59. Ground water quality monitoring should be conducted once in six month and the report should be submitted to TNPCB. 60. The project proponent shall comply with the conditions stipulated vide letter No Rc.No.569/Q3/2018 dated 02.02.2019 obtained from the District Collector, Kanchipuram District. 61. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 62. The operation of the quarry shall no way impact the agriculture activity & water bodies near the project site. 63. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 64. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 65. 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. 66. The recommendation for the issue of environmental clearance is subject to the outcome of the HonarableNGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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). 67. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 68. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported. 69. The project proponent shall utilize the CER amount for Rs. 2.12Lakhs (2% of project cost) to carry out for infrastructure facilities in Govt School, nearby village as per Office Memorandum of MoEF & CC dated 01.05.2018. The above activity shall be carried out before obtaining CTO from TNPCB. 70. The Project proponent has to strictly comply the outcome/direction of the HonarableNGT, Principle Bench, New Delhi in the O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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). 71. The EMP Cost shall be deposited in a nationalized bank by opening separate account and head wise expense statement shall be furnished to TNPCB with a copy to SEIAA annually. 72. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the lease area at the rate of 400/Ha. Suitable tall tree saplings should be planted on the bunds and other suitable areas in and around the work place. At least 10 Neem trees should be planted around the boundary of the quarry site. Floor of excavated pit to be levelled and sides to be sloped with gentle slope (Except for granite quarries) in the mine closure phase. The Project Proponent shall ensure a minimum of 2.5% of the annual turnover will be utilized for the CSR Activity
(2)	The Project Proponent shall provide solar lighting system to the nearby villages. Rainwater shall be pumped out Via Settling Tank only Earthen bunds and barbed wire fencing around the pits with green belt all along the boundary shall be developed and maintained. Safety equipments to be provided to all the employees.. Safety distance of 50m has to be provided in case of railway, reservoir, canal/odai
(3)	The Assistant/Deputy Director, Department of Geology & mining shall ensure that the proponent has engaged the blaster with valid Blasting license/certificate obtained from the competent authority before execution of mining lease. The proponent shall furnish the Baseline data covering the Air, Water, Noise and land environment quality for the proposed quarry site before execution of mining lease.
(4)	The Proponent shall ensure that the project activity including blasting, mining transportation etc should in no way have adverse impact to the other forests, such as reserve forests and social forests, tree plantation and bio diversity, surrounding water bodies etc. The proponent shall provide Green Belt development at the rate of not less than 400 trees/Hectare. The tree saplings shall be not less than 3m height. Ground water quality monitoring should be conducted once in six month and the report should be submitted to TNPCB.

(5)	The recommendation for the issue of environmental clearance is subject to the outcome of the HonarableNGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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). To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. The mine closure plan submitted by the project proponent shall be strictly followed after the lapse of the mine as reported.
(6)	Mining activity should be reviewed by the District Collector after three years and decide for further extension. The applicant has to obtain land use classification as industrial use before issue/renewal of mining lease. NOC from the Standing committee of the NBWL shall be obtained, if protected areas are located within 10 Km from the proposed project site.
(7)	The lease holder shall undertake adequate safeguard measures during extraction of material and ensure that due to this activity, the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area during the mining operation. If at any stage, if it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out. District Collector/mining officer shall ensure this. No tree-felling shall be done in the leased area, except only with the permission from competent Authority.
(8)	The following measures are to be implemented to reduce Noise Pollution i. Proper and regular maintenance of vehicles and other equipment ii. Limiting time exposure of workers to excessive noise. iii. The workers employed shall be provided with protection equipment and earmuffs etc. iv. 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.
(9)	The project proponent shall comply with the conditions stipulated vide letter No Rc.No.569/Q3/2018 dated 02.02.2019 obtained from the District Collector, Kanchipuram District. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. The operation of the quarry shall no way impact the agriculture activity & water bodies near the project site.
(10)	Quarry lease area should be demarcated on the ground with wire fencing to show the boundary of the lease area on all sides with red flags on every pillar shall be erected before commencement of quarrying. The proponent shall ensure that First Aid Box is available at site. 9. The excavation activity shall not alter the natural drainage pattern of the area. The excavated pit shall be restored by the project proponent for useful purposes. The proponent shall quarry and remove only in the permitted areas as per the approved Mining Plan details.
(11)	Depth of quarrying shall be 2m above the ground water table /approved depth of mining whichever is lesser to be considered as a safe guard against Environmental Contamination and over exploitation of resources. The mined out pits should be backfilled where warranted and area should be suitably landscaped to prevent environmental degradation. The mine closure plan as furnished in the proposal shall be strictly followed with back filling and tree plantation.
(12)	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 MoEF & CC, GoI to control noise to the prescribed levels. Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with Regional Director, CGWB. Suitable measures should be taken for rainwater harvesting.
(13)	Permission from the competent authority should be obtained for drawl of ground water, if any, required for this project. 28. Topsoil, if any, shall be stacked properly with proper slope with adequate

	measures and should be used for plantation purpose. 29. The following measures are to be adopted to control erosion of dumps:- i. Retention/ toe walls shall be provided at the foot of the dumps. ii. Worked out slopes are to be stabilized by planting appropriate shrub/ grass species on the slopes.
(14)	Waste oils, used oils generated from the EM machines, mining operations, if any, shall be disposed as per the Hazardous & other Wastes (Management, Handling, and trans boundary movement) Rules, 2016 and its amendments thereof to the recycles authorized by TNPCB.
(15)	A study has to be conducted to assess the optimum blast parameters and blast design to keep the vibration limits less than prescribed levels and only such design and parameters should be implemented while blasting is done. Periodical monitoring of the vibration at specified location to be conducted and records kept for inspection. The Proponent shall take appropriate measures to ensure that the GLC shall comply with the revised NAAQ norms notified by MoEF & CC, GoI on 16.11.2009.
(16)	Rain water getting accumulated in the quarry floor shall not be discharged directly to the nearby stream or water body. If it is to be let into the nearby water body, it has to be discharged into a silt trap on the surface within the lease area and only the overflow after allowing settling of soil be let into the nearby waterways. The silt trap should be of sufficient dimensions to catch all the silt water being pumped out during one season. The silt trap should be cleaned of all the deposited silt at the end of the season and kept ready for taking care of the silt in the next season.
(17)	Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 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.
(18)	The Project proponent has to strictly comply the outcome/direction of the HonarableNGT, Principle Bench, New Delhi in the O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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).
(19)	The following measures are to be implemented to reduce Air Pollution during transportation of mineral i. Roads shall be graded to mitigate the dust emission. ii. Water shall be sprinkled at regular interval on the main road and other service roads to suppress dust
(20)	The proponent shall erect the pillars in accordance with the Rules for depicting GPS details in the earmarked boundary of the quarry site to monitor electronically before execution of mining. The proponent has to provide insurance protection to the workers in the case of existing mining or provide the affidavit in case of fresh lease before execution of mining lease. The proponent has to display the name board at the quarry site showing the details of Proponent, lease period, extent, etc., with respect to the existing activity before execution of mining. Heavy earth machinery equipments if utilized, after getting approval from the competent authority.
(21)	The project proponent shall utilize the CER amount for Rs. 2.12Lakhs (2% of project cost) to carry out for infrastructure facilities in Govt School, nearby village as per Office Memorandum of MoEF & CC dated 01.05.2018. The above activity shall be carried out before obtaining CTO from TNPCB.
(22)	As per MoEF & CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wildlife angle including clearance from obtaining committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10KM from National Park and Sanctuaries.
(23)	The project proponent shall comply the conditions laid down in the Section V, Rule 36 of Tamil Nadu Minor Minerals Concession Rules 1959. A copy of the Environment Clearance letter shall be sent by the proponent to the concerned Panchayat, Town Panchayat / Panchayat union/ Municipal

	Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the proponent and also kept at the site, for the general public to see.
(24)	To take up environmental monitoring of the proposed quarry site before, during and after the mining activities including vibration study data, water, air & flora/fauna environment, slurry water generated/disposed and method of disposal, involving a reputed academic Institution. It shall be ensured that the total extent of nearby quarries(existing, abandoned and proposed) located within 500 meter radius from the periphery of this quarry is not exceeding 5 hectares within the mining lease period of this application.
(25)	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. Rain water harvesting to collect and utilize the entire water falling in land area should be provided.
(26)	Wet drilling method is to be adopted to control dust emissions. Delay detonators and shock tube initiation system for blasting shall be used so as to reduce vibration and dust. Drilling and blasting shall be done only either by licensed explosive agent or by the proponent after obtaining required approvals from Competent Authorities. The explosives shall be stored at site as per the conditions stipulated in the permits issued by the licensing Authority. Blasting shall be carried out after announcing to the public adequate through public address system to avoid any accident.
(27)	The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that I. The project has been accorded Environmental Clearance. II. Copies of clearance letters are available with the Tamil Nadu Pollution Control Board. III. Environmental Clearance may also be seen on the website of the SEIAA. IV. The advertisement should be made within 7 days from the date of receipt of the clearance letter and a copy of the same shall be forwarded to the SEIAA.
(28)	Quarry lease area should be demarcated on the ground with wire fencing to show the boundary of the lease area on all sides with red flags on every pillar shall be erected before commencement of quarrying. The proponent shall ensure that First Aid Box is available at site. 9. The excavation activity shall not alter the natural drainage pattern of the area. The excavated pit shall be restored by the project proponent for useful purposes. The proponent shall quarry and remove only in the permitted areas as per the approved Mining Plan details.
(29)	The EMP Cost shall be deposited in a nationalized bank by opening separate account and head wise expense statement shall be furnished to TNPCB with a copy to SEIAA annually. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throw away plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986. The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
(30)	It shall be ensured that there is no habitation is located within 300 meter radius from the periphery of the quarry site and also ensure that no hindrance will be caused to the people of the habitation located within 500m radius from the periphery of the quarry site. Free Silica test should be conducted and reported to TNPCB, Department of Geology and Mining and Regional Director, MoEF & CC, GOI. Air sampling at intersection point should be conducted and reported to TNPCB, Department of Geology and Mining and Regional Director, MoEF & CC, GOI. Bunds to be provided at the boundary of the project site.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **24 Feb 2020**

(1.) Proposal No. :- **SIA/TN/MIN/43928/2019** File No- **0175**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/43928/2019** dated **03 Oct 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **M/s. T.T.K. Constructions, New EarthQuarry Project over an Extent of 4.98.0Hain S.F.No.751 etc (Siguodai Govt. Poramboke land, PWD Tank) at Unjampatty Village of Theni Taluk and District.** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **30 Sep 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [SEAC] during its **0175** th/nd/rd meeting held between **30 Sep 2019** to **30 Sep 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **30 Sep 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Theni	Theni	Unjampatty

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	4.980	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per	Unit	Other Unit	Source	Mode of Transport/Transmission	Other Mode of	Distance of Source from

		annum				of Product	Transport	Project Site(Kilometers)
(1.)	Earth	44820	9	Cubic meter	Quarrying	Road		1

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:- Based on the documents furnished, the SSEAC decided to recommend the proposal for grant of Environmental clearance to SEIAA subject to the following conditions in addition to normal conditions: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. The fugitive emissions should be monitored during the mining activity and should be reported to TNPCB once in a month and the operation of the quarry should no way impact the agriculture activity & water bodies near the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. 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. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT. Principal 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.1821/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2015, M.A.No.920/2016' M'A.No'1122/2016' M'A.No.121/2017 & M'A' No' e\$/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M'A'No' 981 /2016' M.A.No.9821/2016 & M.A.No.3 B4/2017). 8. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation' 9. All the commitment made by the project proponent in the proposal shall be strictly followed. 10. The mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder. flora. fauna etc. 11. The proponent shall submit the proposal for the CER as per office memorandum of MoEF&CC dated 01.05.2018 before placing the subject to SEIAA' 12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble Madurai Bench of Madras High Court order in WP(MD) No 20903 of 2016.

RECOMMENDATIONS OF SEAC

The committee's recommendation: Based on the documents furnished, the SSEAC decided to recommend the proposal for grant of Environmental clearance to SEIAA subject to the following conditions in addition to normal conditions: 1. Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 3. The fugitive emissions should be monitored during the mining activity and should be reported to TNPCB once in a month and the operation of the quarry should no way impact the agriculture activity & water bodies near the project site. 4. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 5. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 6. 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. 7. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT. Principal 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.5B012016 (M.A.No.118212016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2015,M.A.No.92012016'M'A.No'1122/2016' M'A.No.1212017 & M'A' No' e\$/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M'A'No' 981 /2016' M.A.No.98212016 & M.A.No.3 B4/2017). 8. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining oPeration' 9. All the commitment made by the pro,iect proponent in the proposal shall be strictly followed. lo. The mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder. flora. fauna etc. 11. The proponent shall submit the proposal for the CER as per office memorandum of MoEF&CC dated 01.05.2018 before placing the subject to SEIAA' 12. The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble Madurai Bench of Madras High Court order in WP(MD) No 20903 of 2016.

Conclusion

Recommended

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	Ground water quality monitoring should be conducted every month and the report should be submitted to TNPCB. 2. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration.
(2)	The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 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.
(3)	The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble NGT. Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200,u2016 and O.A.No.5B012016 (M.A.No.118212016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2015,M.A.No.92012016'M'A.No'1122/2016' M'A.No.1212017 & M'A' No' e\$/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M'A'No' 981 /2016' M.A.No.98212016 & M.A.No.3 B4/2017). 8. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation' All the commitment made by the pro,iect proponent in the proposal shall be strictly followed.
(4)	The mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder. Flora. Fauna etc. 11. The proponent shall submit the proposal for the CER as per office memorandum of MoEF&CC dated 01.05.2018 before placing the subject to SEIAA'
(5)	The recommendation for the issue of environmental clearance is subject to the outcome of the Hon'ble Madurai Bench of Madras High Court order in WP(MD) No 20903 of 2016.
(6)	The fugitive emissions should be monitored during the mining activity and should be reported to TNPCB once in a month and the operation of the quarry should no way impact the agriculture

activity & water bodies near the project site. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **24 Feb 2020**

(1.) Proposal No. :- **SIA/TN/MIN/44105/2019** File No- **0178**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/44105/2019** dated **10 Dec 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **Tvl. Patel Infrastructure Ltd., Earth quarry project over an Extent of 4.50.0ha in S.F.No. 202 (P) at Karaikurichi Village of Udayarpalayam Taluk, Ariyalur District.** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **02 Oct 2019** for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [SEAC] during its **0178** th/nd/rd meeting held between **02 Oct 2019** to **02 Oct 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **02 Oct 2019**

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Ariyalur	Udayarpalayam	Karaikurichi

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Lease area	4.500	3		Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Earth	45000	9	Cubic meter	Quarrying	Road		1

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:-

- 1. The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that i. The project has been accorded Environmental Clearance. ii. Copies of clearance letters are available with the Tamil Nadu Pollution Control Board. iii. Environmental Clearance may also be seen on the website of the SEIAA. iv. The advertisement should be made within 7 days from the date of receipt of the clearance letter and a copy of the same shall be forwarded to the SEIAA.**
- 2. The applicant has to obtain land use classification as industrial use before issue/renewal of mining lease.**
- 3. NOC from the Standing committee of the NBWL shall be obtained, if protected areas are located within 10 Km from the proposed project site.**
- 4. The project proponent shall comply the conditions laid down in the Section V, Rule 36 of Tamil Nadu Minor Minerals Concession Rules 1959.**
- 5. A copy of the Environment Clearance letter shall be sent by the proponent to the concerned Panchayat, Town Panchayat / Panchayat union/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the proponent and also kept at the site, for the general public to see.**
- 6. The proponent shall ensure that First Aid Box is available at site.**
- 7. The excavation activity shall not alter the natural drainage pattern of the area.**
- 8. The excavated pit shall be restored by the project proponent for useful purposes.**
- 9. The proponent shall quarry and remove only in the permitted and approved areas.**
- 10. The proponent shall do the quarrying as per the approved mining plan.**
- 11. It shall be ensured that the quarrying operation shall be carried out between 7AM and 5 PM.**
- 12. The proponent shall take necessary measures to ensure that there shall not be any adverse impacts due to quarrying operation on the nearby human habitations, by way of pollution to the environment.**
- 13. The mined out pits should be backfilled wherever warranted and area should be suitably landscaped to prevent environmental degradation. The mine closure plan as furnished in the proposal shall be strictly followed.**
- 14. No drilling and blasting operation shall be carried out under any circumstances.**
- 15. Free silica test should be conducted and reported.**
- 16. Air Sampling at intersection point should be conducted and reported.**
- 17. Bunds to be provided at the boundary of the project site.**
- 18. Rainwater shall be pumped out via settling tank only**
- 19. The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the lease area**
- 20. Earthen bunds and barbed wire fencing around the pits all along the boundary shall be maintained.**
- 21. The CSR funds should be channelized for planting programme, nature conservation support, tribal development and activities that support forest and environment.**
- 22. As per MoEF & CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wildlife angle including clearance from obtaining committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10KM from National Park and Sanctuaries.**
- 23. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional Office of the Ministry of Environment and Forests, Chennai.**
- 24. It shall be ensured that the total extent of Mining area including existing, abandoned and proposed shall not exceed 5 Ha within 500 meter radius from the boundary of this quarry within the mining lease period of this**

application. If the area exceeds, the applicant has to obtain fresh Environmental Clearance submitting EIA Study Report under Category 'B1' (As per the order of HonarableNGT, PB, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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). 25. It shall be ensured that there is no habitation is located within 300 meter radius from the periphery of the quarry site. 26. Whenever/wherever, 'Savudu' / 'Red Earth' / 'Brick Earth' are removed from tanks, the project proponents should see that the free flow of water from and into the tanks are ensured through maintenance of inlet and outlet channels. Removal Earth should be in smooth, sloppy way towards deeper portion of the tank. 27. The Assistant/Deputy Director of Geology & Mining shall ensure that the total extent of mining area within 500m radius of this quarry not exceeds 5

RECOMMENDATIONS OF SEAC

The committee's recommendation: 31. The Project Proponent is also directed to strictly adhere to the Sustainable Sand Mining Management Guidelines, 2016, wherever applicable. 32. Ground water quality monitoring should be conducted once in Six months and the report should be submitted to TNPCB. 33. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 34. The fugitive emissions should be monitored during the mining activity should be reported to TNPCB one in a month and the operation of the quarry should be impact the agriculture activity and water bodies near the project site. 35. Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. 36. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 37. 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. 38. The recommendation for the issue of environmental clearance is subject to the outcome of the HonarableNGT, Principal Bench, New Delhi in O O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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). 39. To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation. 40. The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported. 41. The proponent shall comply with the conditions stipulated in the letter No RC No. 27/G&M/2019 dated 18/06/2019 obtained from Department of Geology and mining. 42. Quarrying permission is granted only for Earth. 43. Quarrying should be done not below 1m or not below the sill level of the sluice of the tank. 44. All the condition imposed by the District Collector, Ariyalur vide Rc. No.: 27/G&M/2019 Dated 27.05.2019 should be strictly followed. 45. The project proponent shall utilize the CER activities should be carry out for infrastructure facilities to Government School, Karaikurichi Village for an amount of Rs. 0.41Lakhs (2% of the project cost) as committed by the proponent as per Office Memorandum of MoEF & CC dated 01.05.2018. The above activity shall be carried out before obtaining CTO from TNPCB. 46. The Project proponent has to strictly comply the outcome/direction of the HonarableNGT, Principle Bench, New Delhi in the O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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). 47. The EMP Cost shall be deposited in a nationalized bank by opening separate account and head wise expense statement shall be furnished to TNPCB with a copy to SEIAA annually. 48. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throw away plastics

irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986. 49. The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc

Conclusion

Recommended

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing the public that i. The project has been accorded Environmental Clearance. ii. Copies of clearance letters are available with the Tamil Nadu Pollution Control Board. iii. Environmental Clearance may also be seen on the website of the SEIAA. iv. The advertisement should be made within 7 days from the date of receipt of the clearance letter and a copy of the same shall be forwarded to the SEIAA.
(2)	Bunds to be provided at the boundary of the project site. Rainwater shall be pumped out via settling tank only The project proponent shall undertake plantation/afforestation work by planting the native species on all side of the lease area Earthen bunds and barbed wire fencing around the pits all along the boundary shall be maintained. The CSR funds should be channelized for planting programme, nature conservation support, tribal development and activities that support forest and environment.
(3)	Transportation of the quarried materials shall not cause any hindrance to the Village people/Existing Village road. The Project Proponent shall comply with the mining and other relevant rules and regulations where ever applicable. 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.
(4)	All the condition imposed by the District Collector, Ariyalur vide Rc. No.: 27/G&M/2019 Dated 27.05.2019 should be strictly followed. The project proponent shall utilize the CER activities should be carry out for infrastructure facilities to Government School, Karaikurichi Village for an amount of Rs. 0.41Lakhs (2% of the project cost) as committed by the proponent as per Office Memorandum of MoEF & CC dated 01.05.2018. The above activity shall be carried out before obtaining CTO from TNPCB.
(5)	Whenever/wherever,Savudu/Red Earth/Brick Earth are removed from tanks, the project proponents should see that the free flow of water from and into the tanks are ensured through maintenance of inlet and outlet channels. Removal Earth should be in smooth, sloppy way towards deeper portion of the tank.
(6)	The recommendation for the issue of environmental clearance is subject to the outcome of the HonarableNGT, Principal Bench, New Delhi in O O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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). To ensure safety measures along the boundary of the quarry site, security guards are to be engaged during the entire period of mining operation.
(7)	The Assistant Director of Geology & Mining shall monitor the quantity of minerals excavated and ensure that resources other than the approved minerals shall not be excavated from the approved Mining area. The Department of Geology & Mining is responsible for the enforcement of Tamil

	Nadu Minor Mineral Concession Rules, 1959 and any violation shall be punished according to the said Act. The Project Proponent shall obtain & furnish the letter /certificate from the Assistant Director of Geology and Mining stating that there is no other Minerals/resources like sand in the quarrying area below the approved depth of Mining before execution of Mining lease.
(8)	The Proponent shall ensure that the project activity including mining transportation etc should in no way have adverse impact to the other forests, such as reserve forests and social forests, tree plantation and bio diversity, surrounding water bodies' etc. The Project Proponent is also directed to strictly adhere to the Sustainable Sand Mining Management Guidelines, 2016, wherever applicable. Ground water quality monitoring should be conducted once in Six months and the report should be submitted to TNPCB. Proper barrier for reducing the Noise level shall be established like providing Green Belt along the boundary of the quarrying site, etc. and to prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. The fugitive emissions should be monitored during the mining activity should be reported to TNPCB one in a month and the operation of the quarry should be impact the agriculture activity and water bodies near the project site.
(9)	The mine closure plan submitted by the project proponent shall be strictly followed after the laps of the mine as reported. The proponent shall comply with the conditions stipulated in the letter No RC No. 27/G&M/2019 dated 18/06/2019 obtained from Department of Geology and mining. Quarrying permission is granted only for Earth. Quarrying should be done not below 1m or not below the sill level of the sluice of the tank.
(10)	The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throw away plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986. The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc
(11)	11. It shall be ensured that the quarrying operation shall be carried out between 7AM and 5 PM. The proponent shall take necessary measures to ensure that there shall not be any adverse impacts due to quarrying operation on the nearby human habitations, by way of pollution to the environment. The mined out pits should be backfilled wherever warranted and area should be suitably landscaped to prevent environmental degradation. The mine closure plan as furnished in the proposal shall be strictly followed. No drilling and blasting operation shall be carried out under any circumstances. Free silica test should be conducted and reported. Air Sampling at intersection point should be conducted and reported.
(12)	The Project proponent has to strictly comply the outcome/direction of the HonorableNGT, Principle Bench, New Delhi in the O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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 EMP Cost shall be deposited in a nationalized bank by opening separate account and head wise expense statement shall be furnished to TNPCB with a copy to SEIAA annually.
(13)	As per MoEF & CC, GoI, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wildlife angle including clearance from obtaining committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10KM from National Park and Sanctuaries. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. A copy of action plan shall be submitted to the Regional Office of the Ministry of Environment and Forests, Chennai.
(14)	It shall be ensured that the total extent of Mining area including existing, abandoned and proposed

	shall not exceed 5 Ha within 500 meter radius from the boundary of this quarry within the mining lease period of this application. If the area exceeds, the applicant has to obtain fresh Environmental Clearance submitting EIA Study Report under Category "B1" • (As per the order of HonarableNGT, PB, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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). It shall be ensured that there is no habitation is located within 300 meter radius from the periphery of the quarry site.
(15)	The Assistant/Deputy Director of Geology & Mining shall ensure that the total extent of mining area within 500m radius of this quarry not exceeds 5ha before execution of the quarry lease proceedings. (As per the order of HonarableNGT, PB, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016), O.A. No.200/2016, O.A.No.580/2016 (M.A.No.1182/2016), O.A.No.102/2017, 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), 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).
(16)	The applicant has to obtain land use classification as industrial use before issue/renewal of mining lease. NOC from the Standing committee of the NBWL shall be obtained, if protected areas are located within 10 Km from the proposed project site. The project proponent shall comply the conditions laid down in the Section V, Rule 36 of Tamil Nadu Minor Minerals Concession Rules 1959. A copy of the Environment Clearance letter shall be sent by the proponent to the concerned Panchayat, Town Panchayat / Panchayat union/ Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the proponent and also kept at the site, for the general public to see.
(17)	The proponent shall ensure that First Aid Box is available at site. The excavation activity shall not alter the natural drainage pattern of the area. The excavated pit shall be restored by the project proponent for useful purposes. The proponent shall quarry and remove only in the permitted and approved areas. The proponent shall do the quarrying as per the approved mining plan.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/64955/2017** File No- **6405/2017**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/64955/2017** dated **25 May 2017** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. , under Category " " of EIA Notification 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **M Srinivasan** located in as follows :

State of the project									
S. No.	State				District	Tehsil	Village		
(1.)	Tamil Nadu				Perambalur	Kunnam			
14. Project configuration/product details									
S. No.	Project configuration/product details		Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product		Other Mode of Transport	
NIL									
Raw Material Requirement details									
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product		Other Mode of Transport	Distance of Source from Project Site(Kilometers)
NIL									

Details of previous ToR is as follows :

Details of previous ToR as follows :

Details of previous ToR					
S. No.	Moefcc file no.	Date of Apply of EC	Date of Issue of EC	Previous EC Letter	
NIL					
1.2. Expansion Details :					
S. No.	Product/Activity (Capacity / Area)	Quantity		Unit	Other Unit
		From	To		
NIL					

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:- **The proposal was placed in the 129th SSEAC Meeting held on 17 -05-2019 to 18.05.2019. The project proponent Save detailed presentation. The salient features of the project and the environmental impact assessment as pretented by the proponent are as follows: The SSEAC noted the following: 1. The Proponent, M/S. SPR Construction Pvt. Ltd. hat applied for Terms of Reference to SEIAA-TN for the Expantion of Mixed Use Development Contruction Project at RS No | 218,/5, 2, 219/1, 2' 3' 4, 5, 6' 220/2, Block 11. and RS No : 221/2,222/1,2. Block 12, Perambur Village, Purasawalkam-Perambur Taluk, Chennai District, Tamil Nadu. 2. The project/activity it covered under CateSory "B" of Item 8(b) "Township and area development proiectt- of the Schedule to the EIA Notification, 2006' The project proponent has obtained Environment Compliance rePort from the**

Regional office, MoEF&CC , Chennai vide F.No. EP./12.1/2016-17/SEIAA/311N /0460 dated 20.03.2019 for the Environment Clearance already issued by the State Environmental Impact Assessment Authority vide its EC dated 24.10.2016 for M/s. SPR Construction Pvt. Ltd., which comprise, of Whole Sale Market (Shopping Centre) (Block A1 - 6 + 4 Floors. Block A2 - 6 + 4 Floors, Block A3 - G + 4 Floors' Block A4 - G + 4 Floors' Block B - G + 4 Floors.), School (Block C-G+3Floors), Convention Centre, Shopping Mall. Hotel (Block D - G + 8 Floor 5 + 9th Floor (Part)), Office Building (Block E - G + 1 Floor), Residential Blocks (Block F1 - S + 27 Floors, Block F2 - S + 27 Floors, Block F3 - S + 27 Floors, Block F4 - 5 + 27 Floors, Block G - S + 55 Floors and Combined Stilt floor (F1, F2, F3, F4 & G Blocks)) Block H - 5 + 27 Floors) and Club House (Block I (B + G + 1 Floor), Combined Basement Floor for Residential Buildings (Lower Basement+Upper Basement) and Combined Basement Floors for Commercial Buildings (Lower Basement -Upper Basement) and Multi level car parking (MLCP-S+9 Floors) with a total built-up area of 4,71,513 sq.m in a plot area of 2,00,244 sq.m. It was inferred from the Environment Clearance compliance report from the Regional office' MoEF&cc, Chennai vide F.No.EP/12.1/2016-17/SEIAA/311N/0460 dated 20.03.2019 that The Environment Clearance was issued for Residential Block: Block Details mentioned in the EC issued on 24.10.2016. Present Status Block F1-5+27Floors 36 floors completed Block F2-5+27Floors 30 floors completed Block F3-S+27Floors 18 floors completed Block F4-5+27Floors Work not started Block G-S+55Floors Work not started Block H-5+27Floors Work not started

RECOMMENDATIONS OF SEAC

The committee's recommendation: From the above, floors against the floors construction F2-S+27Floors. it was observed that the project proponent has constructed 36 Environment clearance issued for Block F1 - S + 27 Floors and 30 completed against the Environment clearances issued for Block The project proponent stated that a total built-up area of the constructed building is within the built-up area mentioned in earlier Environmental clearance issued by SEIAA. SSEAC is of the opinion that the project proponent must have obtained prior approval from the SSEAC for Block F1 & Block F2 before constructing beyond the approved floors accorded by the SEIAA in the earlier Environment clearances. Hence, SSEAC decided that SEIAA may obtain the necessary clarification from the legal expert regarding the above, and point to take further course of action on this Proposal. The SSEAC minutes was placed in the 349th SEIAA meeting held on 12.07.2019. After the perusal of the above detail SEIAA decided that the above clarification requested by the SSEAC shall be sent to the MoEF&CC. After the receipt of the clarification from MoEF&CC further course of action shall be taken on the proposal. Further, it is noted that the compliance report of the Regional office' MoEF&CC' Chennai vide F.No.EP/12.1/2016-17/SEIAA/311N/0460 dated 20.03.2019 just noted the above observation and does not indicate any further remarks regarding the above said observation. In the view of the above, it was submitted that necessary clarifications/Remark/Recommendation from MoEF&CC on the above subject letter dated 16.09.2019. In the meantime the proponent has submitted his/her request letter to Process the application as per the MoEF&CC's Office Memorandum (F.No'22-10/2019-IA/III) dated 09.09.2019 and the letter submitted by the proponent is given below. "we wish to state that we have obtained Environmental Clearance (EC) vide reference cited above from State Environmental Impact Assessment Authority (SEIAA) during October 2016. It may be noted that, our application seeking EC expansion was submitted to MoEF&CC on 23.09.2017 (Proposal No IA/11N/NCP/66773/2017 dated 23.09.2017). Further, based on the direction of MoEF&CC in respect of their OM dated 03rd April 2018, wherein the powers are completely vested with the SEIAA/SSEAC in the case of 8(a) & 8(b) category projects in the matter of appraisal and accordance of EC. Hence we submitted an application to SEIAA subsequently for EC expansion. It may be noted that our original application and its subsequent scrutiny communications by MoEF&CC were all made during the window period specified in the above said OM cited in reference no. (7) above. In view of this, we request the SEIAA/SSEAC to consider our proposal for appraisal under violation category based on the provisions of clauses 7, 1 & 9 of the OM cited in reference (5) above and do the needful towards issuing Environmental Clearance as per the provisions of MoEF&CC Notification (S.O. 804 (E)) dated 14.03.2017." The proposal was placed along with the request letter submitted by the proponent in the 359th SEIAA meeting on 06.11.2019, after the detailed discussion SEIAA decided to take up the subject in SEIAA-TN the same may be apprised under violation category as per the MoEF & cc's

office Memorandum (F.No.22-to/2019-IA.Ilt) dated 09.09.2019 since the application seeking Environmental clearance expansion was submitted by the proponent to MOEF&cc on 23.09.2017 (i.e within the violation window period) (Vide online Proposal No. IAITN/NCP/69723/2012 dated 23.09.2017). Hence the subject was referred to SSEAC-TN to apprise the proposal under the violation category as per the MoEF & CC's Office Memorandum (F.No.22-1012019-IA.ill) dated 09.09.2019. The subject was placed in the 138th SSEAC meeting held on 09.11.2019. The SSEAC decided to make an on - the - spot inspection to assess the present status of the site by the subcommittee constituted by the SSEAC since this project is comes under violation. Based on the inspection report, SSEAC would further deliberate on this project and decide the further course of action.

Conclusion

Site Visit

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	The subject was placed in the 138th SSEAC meeting held on 09.11.2019. The SSEAC decided to make an on - the - spot inspection to assess the present status of the site by the subcommittee constituted by the SSEAC since this project is comes under violation. Based on the inspection report, SSEAC would further deliberate on this project and decide the further course of action

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

Date :- **24 Feb 2020**

(1.) Proposal No. :- **SIA/TN/MIS/45983/2019** File No- **7051**

Type- **EC**

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIS/45983/2019** dated **07 Nov 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. **,8(b) Townships and Area Development projects.** , under Category "**B1** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **RADIAL IT PARK PRIVATE LIMITED** of M/s **RADIAL IT PARK PRIVATE LIMITED** located in Village State **Tamil Nadu** was initially received in the Ministry on **20 Aug 2019** for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The Project was appraised by the Expert Appraisal Committee (Infrastructure and Miscellaneous Projects & + & CRZ) [SEAC] during its **137** th/nd/rd meeting held between **17 Oct 2019** to **18 Oct 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the

project on **20 Aug 2019**

PROJECT DETAILS

The project of M/s **RADIAL IT PARK PRIVATE LIMITED** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Kanchipuram	Kancheepuram	JAMIN PALLAVARAM

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	PROPOSED IT PARK	296766	9	sqm	Others	Nil

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	Diesel	21600	9	Liters/Day	Barrels	Road		3

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:- **The EMP cost of Rs. 1426 lakhs shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986. The proponent shall furnish the permission/ NOC of water supply from the CMWSSB before obtaining CTO from TNPCB. The Project Proponent has to provide rain water harvesting 14 pits and the rainwater collection sump of capacity 226 KLD in order to recover and reuse the rain water during normal rains as reported. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The Project proponent has to spent the CER fund of Rs.964 Lakhs (1% of the project cost) should be carried out for development of infrastructure facilities to Government School for the amount of Rs. 482 Lakhs in addition to that the CER amount of Rs. 482 Lakhs shall be paid in the form of DD favoring Environmental Management Authority of Tamil Nadu" (EMAT) and the said amount shall be utilized for the de-silting and beautification of water bodies in and around the project site before applying for CTO from TNPCB.**

RECOMMENDATIONS OF SEAC

The committee's recommendation: **The EMP cost of Rs. 1426 lakhs shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1 986. The proponent shall furnish the permission/ NOC of water supply from the CMWSSB before obtaining CTO from TNPCB. The Project Proponent has to provide rain water harvesting 14 pits and the rainwater collection sump of capacity 226 KLD in order to recover and reuse the rain water during normal rains as reported. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The Project proponent has to spent the CER fund of Rs.964 Lakhs (1% of the project cost) should be carried out for development of infrastructure facilities to Government School for the amount of Rs. 482 Lakhs in addition to that the CER amount of Rs. 482 Lakhs shall be paid in the form of DD favoring Environmental Management Authority of Tamil Nadu" (EMAT) and the said amount shall be utilized for the de-silting and beautification of water bodies in and around the project site before applying for CTO from TNPCB.**

Conclusion

Recommended

Member Secretary Condition

Specific Condition

S.No	Condition
(1)	The EMP cost of Rs. 1426 lakhs shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1 986. The proponent shall furnish the permission/ NOC of water supply from the CMWSSB before obtaining CTO from TNPCB. The Project Proponent has to provide rain water harvesting 14 pits and the rainwater collection sump of capacity 226 KLD in order to recover and reuse the rain water during normal rains as reported. The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval. The Project proponent has to spent the CER fund of Rs.964 Lakhs (1% of the project cost) should be carried out for development of infrastructure facilities to Government School for the amount of Rs. 482 Lakhs in addition to that the CER amount of Rs. 482 Lakhs shall be paid in the form of DD favoring Environmental Management Authority of Tamil Nadu" (EMAT) and the said amount shall be utilized for the de-silting and beautification of water bodies in and around the project site before applying for CTO from TNPCB.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/41055/2019** File No- **7131**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/MIN/41055/2019** dated **10 Dec 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No **,1(a) Mining of minerals** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Tiruvannamalai	Tiruvannamalai

Town/Village : **Kundiyanthandalam Village, Vembakkam Taluk, Tiruvannamalai District**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/41055/2019**

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:- **Based on the presentation made by the proponent and the documents furnished, the SSEAC 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 study shall be conducted on the combined impact of the quarries in the cluster 2. A detailed study of the lithology of the mining lease area shall be furnished. 3. Details of village map, $\hat{\infty}$ register and FMB sketch shall be furnished. 4. The proposal for green belt activities shall be furnished. 5. The Socio economic studies should be carried out within 10km buffer zone from the mines. 6. Detailed study report combined impact of the crushers, impact of the water body, open well detail within 1 km radius impact on this the project proponent shall furnish in the EIA report. 7. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be shall be submitted along with EIA report. 8. The spot levels and contour levels of the proposed quarry site shall be studied and the same shall be furnished to along with EIA. 9. 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. 10. The proponent may conducts Hydrology study report towards the impact of this mining on the surface water & ground hydrology and furnished the report along with EIA report. 11. The proposal for CER shall be furnished with time frame as per Office Memorandum of MoEF & CC dated 01.05.2018.

RECOMMENDATIONS OF SEAC

The commiittee's recommendation 12. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. 13. Ground water quality monitoring should be conducted as per norms and the report shall furnish in the EIA report. 14. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. 15. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. 16. The EIA study report shall include the surrounding mining activity, if any. 17. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. 18. A study on the geological resources available shall be carried out and reported. 19. A specific study on agriculture & livelihood shall be carried out and reported. 20. Impact on ponds, rivers and other water bodies to be elaborated. 21. Impact of soil erosion, soil physical chemical and biological property changes may be assumed. 22. The recommendation for the issue of Terms of Reference is subject to the final outcome of the HonarableNGT, Principal 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).

Conclusion

Recommended

Specific Condition	
S.No	Condition
(1)	The Socio economic studies should be carried out within 10km buffer zone from the mines. Detailed study report combined impact of the crushers, impact of the water body, open well detail within 1 km radius impact on this the project proponent shall furnish in the EIA report. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be shall be submitted along with EIA report. The spot levels and contour levels of the proposed quarry site shall be studied and the same shall be furnished to along with EIA.
(2)	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. The proponent may conducts Hydrology study report towards the impact of this mining on the surface water & ground hydrology and furnished the report along with EIA report. The proposal for CER shall be furnished with

	time frame as per Office Memorandum of MoEF & CC dated 01.05.2018.
(3)	Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in the EIA report. Ground water quality monitoring should be conducted as per norms and the report shall furnish in the EIA report. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010.
(4)	Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas. The EIA study report shall include the surrounding mining activity, if any. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.
(5)	A study on the geological resources available shall be carried out and reported. A specific study on agriculture & livelihood shall be carried out and reported. Impact on ponds, rivers and other water bodies to be elaborated. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.
(6)	The recommendation for the issue of Terms of Reference is subject to the final outcome of the HonarableNGT, Principal 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).
(7)	The study shall be conducted on the combined impact of the quarries in the cluster A detailed study of the lithology of the mining lease area shall be furnished. Details of village map, " register and FMB sketch shall be furnished. The proposal for green belt activities shall be furnished.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its ----- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- **SIA/TN/MIN/41250/2019** File No- **7034**

Type- **TOR**

INTRODUCTION

This has reference to your online application vide proposal no.

SIA/TN/MIN/41250/2019 dated **14 Aug 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No **,1(a) Mining of minerals** under Category **B** of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **M PALANIYANDI** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Karur	Krishnarayapuram

Town/Village : **Sivayam (North)**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/41250/2019**

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:- **The project proposal was placed in the 138th SSEAC meeting held on 09.11.2019. Based on the presentation made by the proponent and the documents furnished, the SSEAC 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 study shall be conducted on the combined impact of the quarries in the cluster**
- 2. A detailed study of the lithology of the mining lease area shall be furnished.**
- 3. Details of village map, " register and FMB sketch shall be furnished.**
- 4. The proposal for green belt activities shall be furnished.**
- 5. The Socio economic studies should be carried out within 10km buffer zone from the mines.**
- 6. Detailed study report combined impact of the crushers, impact of the water body, open well detail within 1 km radius impact on this the project proponent shall furnish in the EIA report.**
- 7. Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report.**
- 8. The spot levels and contour levels of the proposed quarry site shall be studied and the same shall be furnished to along with EIA.**
- 9. 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.**
- 10. The proponent may conducts Hydrology study report towards the impact of this mining on the surface water & ground hydrology and furnished the report along with EIA report.**
- 11. The proposal for CER shall be furnished with time frame as per Office Memorandum of MoEF & CC dated 01.05.2018.**
- 12. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the**

approved depth of mining and below depth of mining and the same shall be furnished in the EIA report.

RECOMMENDATIONS OF SEAC

The committee's recommendation **13. Ground water quality monitoring should be conducted as per norms and the report shall furnish in the EIA report.** **14. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010.** **15. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas.** **16. The EIA study report shall include the surrounding mining activity, if any.** **17. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.** **18. A study on the geological resources available shall be carried out and reported.** **19. A specific study on agriculture & livelihood shall be carried out and reported.** **20. Impact on ponds, rivers and other water bodies to be elaborated.** **21. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.** **22. The recommendation for the issue of Terms of Reference is subject to the final outcome of the HonarableNGT, Principal 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).**

Conclusion

Recommended

Specific Condition	
S.No	Condition
(1)	The study shall be conducted on the combined impact of the quarries in the cluster A detailed study of the lithology of the mining lease area shall be furnished. Details of village map, • register and FMB sketch shall be furnished. The proposal for green belt activities shall be furnished.
(2)	The Socio economic studies should be carried out within 10km buffer zone from the mines. Detailed study report combined impact of the crushers, impact of the water body, open well detail within 1 km radius impact on this the project proponent shall furnish in the EIA report.
(3)	9. 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. 10. The proponent may conducts Hydrology study report towards the impact of this mining on the surface water & ground hydrology and furnished the report along with EIA report.
(4)	The proposal for CER shall be furnished with time frame as per Office Memorandum of MoEF & CC dated 01.05.2018. Obtain a letter /certificate from the Assistant Director of Geology and Mining standing that there is no other Minerals/resources like sand in the quarrying area within the approved depth of mining and below depth of mining and the same shall be furnished in

	the EIA report
(5)	The EIA study report shall include the surrounding mining activity, if any. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures. A study on the geological resources available shall be carried out and reported. A specific study on agriculture & livelihood shall be carried out and reported.
(6)	Impact on ponds, rivers and other water bodies to be elaborated. Impact of soil erosion, soil physical chemical and biological property changes may be assumed.
(7)	22. The recommendation for the issue of Terms of Reference is subject to the final outcome of the Honorable NGT, Principal 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).
(8)	Detailed mining closure plan for the proposed project approved by the Geology of Mining department shall be submitted along with EIA report. The spot levels and contour levels of the proposed quarry site shall be studied and the same shall be furnished to along with EIA.
(9)	Ground water quality monitoring should be conducted as per norms and the report shall furnish in the EIA report. EIA report should strictly follow the Environmental Impact Assessment Guidance Manual for Mining of Minerals published February 2010. Detail plan on rehabilitation and reclamation carried out for the stabilization and restoration of the mined areas.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

(1.) Proposal No. :- SIA/TN/NCP/33853/2019 File No- 6761	Type- TOR
--	------------------

INTRODUCTION

This has reference to your online application vide proposal no. **SIA/TN/NCP/33853/2019** dated **28 Mar 2019** along with the copies of EIA/EMP seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S.No

,1(a) Mining of minerals under Category B of EIA Notification, 2006 and the proposal is appraised at Central level.

PROJECT DETAILS

The project of M/s **SPR CONSTRUCTION PVT LTD** located in as follows :

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Chennai	Perambur Purasaivakkam

Town/Village : **Perambur Village, Purasawalkam Perambur Taluk, Chennai District**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/NCP/33853/2019**

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:- **On receipt of the above details, the further course of action may be taken by the SSEAC.**

RECOMMENDATIONS OF SEAC

The committee recommendation **On receipt of the above details, the further course of action may be taken by the SSEAC.**

Conclusion

Deferred

General Condition	
S.No	Condition
	Standard EC Conditions Distillery sector (applicable to item S.N. 5(g)- Distilleries & 5(j) - Sugar industry)
(1)	Corporate Environment Responsibility
1	All documents should be properly indexed, page numbered.
2	Period/date of data collection should be clearly indicated.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Committee in its -----
th meeting held during ----- to ----- . After detailed deliberation the

committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

**CONSIDERATION/RECONSIDERATION OF EC PROPOSAL
(Extension/Amendment/Corrigendum)**

(1) Proposal No. :- **SIA/TN/NCP/32444/2013** File No-
F-540

Type Of Project :
Amendment

INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/NCP/32444/2013** dated **06 Mar 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ----- -- , under Category " **B** " of EIA Notification 2006 and the proposal is appraised at Central level.

-----th/nd/rd meeting held on ----- and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on

PROJECT DETAILS

The project of M/s **M/S. APOLLO HOSPITALS ENTERPRISE LIMITED** located in

State of the project			
S. No.	State	District	Tehsil
(1.)	Tamil Nadu	Kanchipuram	Kancheepuram

The salient feature of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/NCP/32444/2013**

DELIBERATION IN SEAC

After detailed deliberations, the committee observed:- **Authority discussed in detail and decided to record and closed the proposal submitted by the proponent vide application No. 136212013.**

RECOMMENDATIONS OF SEAC

The committee's recommendations Authority **discussed in detail and decided to record and closed the proposal submitted by the proponent vide application No. 136212013.**

Conclusion : Deferred

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	Authority discussed in detail and decided to record and closed the proposal submitted by the proponent vide application No. 136212013.

and also enclosed as **Annexture-I**

The proposal was considered by Expert Appraisal Committee in its -----
- th meeting held during ----- to ----- . After detailed deliberation the committee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed -----
(Project Name), located at ----- .