

394

MINUTES

644th MEETING

**STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY-TAMIL NADU**

Date: 07.08.2023

**MINUTES OF THE 644th MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY HELD ON 07.08.2023.**

Agenda No	Description	File No.	Minutes
a)	Confirmation of the minutes of the 643 rd meeting of the Authority held on 01.08.2023.		The minutes of the 643 rd meeting of the Authority held on 01.08.2023 was confirmed.
b)	The Action taken on the decisions of the 643 rd meeting of the Authority held on 01.08.2023.		The Member Secretary informed that 643 rd Minutes uploaded in Parivesh website and action taken report will be put up ensuing meeting.
1.	Proposed 60 KLPD Capacity Cane Juice and B-Heavy Molasses based Distillery and 1.5 MW Captive Power Plant at S. F. No. 102/1 (Part), 102/2 (Part), 102/3, 102/4, 102/5A (Part), 102/6 (Part), 110/1 (Part), 110/2, 110/3, 110/4, 110/5 (Part), 110/6 (Part), 110/7A, 110/7B, 110/7C, 110/8, 110/9, 110/10, 110/11A, 110/11B, 110/11C, 110/11D, 110/12, 110/13 (Part), 110/14, 110/15, 116/16A, 110/16B, 110/17, 110/18, 110/19, 110/20, 111A/1A (Part), 111A/2 (Part), 111A/3 (Part), 113A/1 (Part), 113A/2A, 113A/2B1, 113A/2B2, 113A/4A (Part), 113A/4B (Part), 113A/4C (Part), 113A/5 (Part), 113A/6 (Part), 114/1A, 114/1B (Part), 114/2 (Part), 114/3, 114/4 (Part), 114/6A, 114/6B (Part), 114/7 (Part), 114/8	9471	<p>The Authority noted that the subject was appraised in 394th SEAC meeting held on 21.07.2023. SEAC has furnished its recommendations for granting Environmental Clearance subject to the conditions stated therein.</p> <p>After detailed discussion, the Authority accepts the recommendation of SEAC and decided to grant Environmental Clearance subject to the conditions as recommended by SEAC in addition to the following conditions.</p> <ol style="list-style-type: none"> 1. The proponent shall maintain log book for the Water consumption, Effluent generation & treatment and shall furnish the same to the authorities during inspection of the unit. 2. The proponent shall maintain effective recycling of water through cooling tower. 3. Frequent dry cleaning of factory floors shall be done to prevent dust emission. 4. Colour coding of pipelines carrying fresh and waste water is mandatory. 5. An analytical facility cum lab should be established at the site to assess & analyse


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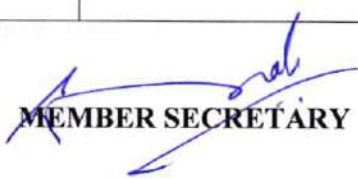
	<p>(Part), 114/9 (Part) in Sethiyathope Village, Bhuvanagiri Taluk, Cuddalore District, Tamil Nadu by M/s. M.R.Krishnamurthy CO-Operative Sugar Mills LTD. (MRKCSML) - For Environmental Clearance. (SIA/TN/IND2/426454/2023, dated 17.04.2023)</p>		<p>various streams of water and report shall be maintained.</p> <p>6. The proponent shall provide and maintain continuous online effluent & emission monitoring system.</p> <p>7. The inhouse analytical laboratory should frequently analyse the water quality in and around the factory premises and report the same in their Half yearly compliance report.</p> <p>8. There should be continuous health monitoring system to monitor the health of workers and the community.</p>
2.	<p>Proposed Expansion of Steel melting plant and inclusion of steel rolling mill S.F. No. 3/1B, 3/2A, 3/3A2, 3/3B, 3/2B, 2pt Pudupalayam Village & S.F. No. 431/4B, 431/3B, 431/4A2 Puchai Palathozhuvu Village, Perundurai Taluk, Erode District, Tamil Nadu by M/s. Jaya Sakthi Casting India Private Limited - for Terms of Reference. (SIA/TN/IND1/431501/2023 Dt:31.05.2023)</p>	10113	<p>The authority noted that this proposal was placed for appraisal in 394th SEAC meeting held on 21.07.2023. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing for preparation of detailed EIA report subject to the conditions as recommended by SEAC & normal conditions.</p> <ol style="list-style-type: none"> 1. The proponent shall submit life cycle assessment, & Ecological risk assessment. 2. The proponent shall submit impact on vegetation biodiversity, terrestrial/agricultural ecosystem, Water table, Material flow analysis cost benefit analysis & community health around the proposed industries. 3. Technologies for reduction in coal to control carbon emission. 4. The proponent shall submit the green technologies deployed in the production to

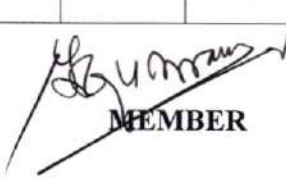

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		<p>reduce carbon footprint, Green House Gas (GHG), CO₂ and rise in temperature.</p> <ol style="list-style-type: none"> 5. Details regarding strategies adopted for occupational health safety and energy efficiency standards shall be submitted. 6. The proponent shall submit detailed report regarding temperature rise and climate change impacts due to the proposed project and control measures. 7. The PP shall study fugitive emissions and regular emission monitoring strategies to prevent their escape into the environment. 8. Details regarding the transparency and accountability system in place during the operation period of the project. 9. Details regarding the In-House environmental performance and evolution tools to evaluate the impacts of the project on the environment. 10. Detailed study is to be made on material flow analysis and Life Cycle Assessment (LCA) in the process of production and the report shall be submitted. 11. Through a chart Illustration, clarify the cradle-to-grave approach for anticipated emissions and environmental threats in every stage, and the mitigation strategy at every stage shall be submitted. 12. If the project activity includes disposal of waste/rejects into landfill, the proponent shall furnish details on the strategies adopted to manage the same. 13. The proponent shall study the ways of
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		<p>improving recycling efficiency.</p> <p>14. The proponent shall furnish the details about the radioactive contaminations related to the project.</p> <p>15. The proponent shall furnish details about the management of quenching water.</p> <p>16. Project Proponent shall submit the action plan to study the impacts on human health viz respiratory impacts, toxicity impacts and radiation impacts.</p> <p>17. The proponent shall submit a detailed study report regarding the chemical exposures and risks anticipated to environment and human health.</p> <p>18. The proponent shall strictly adhere to the mitigation measures as committed regarding the emission of Green House Gas (GHG) and other gas emissions.</p> <p>19. The proponent shall submit a detailed study report regarding the terrestrial and aquatic toxicity due to the proposed project.</p> <p>20. The green belt area should be not less than 15% of the total land area of the project.</p> <p>21. The proponent shall furnish details on the green practices adopted so as to support the circular economy.</p> <p>22. The proponent shall conduct a study and furnish details on the impact of the project on the communities in and around the project area.</p> <p>23. The proponent shall furnish details on the impact on employee health due to the project activities.</p>
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3.	Proposed Rough stone Quarry lease over an extent of 3.61.0Ha S.F.Nos.1196/1A, 1196/1B (Part) & 1197/12A (Part), Punnam Village, Pugalur Taluk, Karur District by M/s.V.S.T Blue Metals - For Terms of Reference. (SIA/TN/MIN/431189/2023, dt: 27/05/2023)	10149	The authority noted that this proposal was placed for appraisal in 394 th SEAC meeting held on 21.07.2023. During the presentation, proponent stated his intention to withdraw the proposal. Hence, SEIAA may accept the request of withdrawal as and when received from the PP. The authority noted that the PP has submitted Ir. Dt: 21.07.2023 regarding request for withdraw for the proposal seeking ToR for the reasons stated therein. In view of the above, the proponent has not submitted request for withdraw vide online as reported before SEAC and SEIAA after detailed discussion decided to call for additional particulars i) PP shall furnish justification for request for withdraw and action plan for non-compliance mentioned in the CCR dt:31.10.2022.
4.	Existing Rough Stone Quarry lease over an extent of 4.54.0Ha S.F.Nos.1093/A1 (Part) & 1093/A2(Part), Thennilai West Village, Aravakurichi Taluk, Karur District by M/s. Sri Ganesh Murugan Blue Metal - For Terms of Reference. (SIA/TN/MIN/433495/2023, dt:20/06/2023)	10155	The authority noted that this proposal was placed for appraisal in 394 th SEAC meeting held on 21.07.2023. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC & normal conditions stated therein. The authority noted that the PP has submitted Ir. Dt: 21.07.2023 regarding request for withdraw for the proposal seeking ToR for the reasons stated therein. In view of the above, the proponent has not submitted request for withdraw vide online and


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			SEIAA after detailed discussion decided to call for additional particulars a) PP shall furnish justification for request for withdraw and action plan for non-compliance mentioned in the CCR dt:12.01.2023.
5.	Proposed Colour Granite Quarry lease over an extent of 1.54.0Ha (Government Poromboke Land) at S.F.Nos.609A(Part) (Bit-5) Nagojanahalli Village, Pochampalli Taluk, Krishnagiri District, Tamil Nadu by Tvl. A.A. Enterprises - For Terms of Reference. (SIA/TN/MIN/434043/2023, dt:20/06/2023)	10161	The authority noted that this proposal was placed for appraisal in 394 th SEAC meeting held on 21.07.2023. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC & normal conditions and conditions in Annexure 'B' of this minutes in addition to the following conditions.
6.	File No: 10009 Proposed Expansion of Premium Residential Complex "Jain's ADVAIT" at S.F.Nos. 168/3pt & 4pt, 169/1pt, 2A, 2B & 2Cpt, 170/1, 2A & 2B, 172/20pt, 21pt, 29, 42pt, 43pt, 44pt, 48pt, 49pt, 50pt & 51pt, 171/2 & 171/3 of Pammal Village, Tambaram Taluk, Kancheepuram District, Tamil Nadu by M/s. Jain Housing & Constructions Ltd.- For Environmental Clearance (SIA/TN/INFRA2/426456/2023, dated:18/04/2023). The Authority noted that the subject was appraised in the 394 th Meeting of SEAC held on 21.07.2023. Based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the conditions stated therein. After detailed discussions, the Authority decided to request the Member Secretary, SEIAA-TN to obtain the following details and place before the Authority for further course of action. 1. The Proponent shall furnish the details regarding the completion status of the building, occupation status and mode of waste water disposal of the Existing building in the proposed site with documentary evidences.		


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2. The PP shall furnish the details of waste water disposal during this proposed construction phase.
3. The Proponent shall furnish detailed land area breakup for the additional survey numbers, 171/2 & 171/3 proposed for this expansion.
4. The Proponent shall furnish detailed land area breakup indicating OSR area in Sq.m and also in percentage of total land area (Plot area-35,284.97 Sq.m). The project proponent shall provide entry and exit points for the OSR area, as per the norms for the public usage and as committed.
5. The PP shall spell out the action envisaged on the technical opinion of PWD regarding inundation point of view.
6. The PP shall obtain necessary approvals from the authorities concerned to construct a proper drainage system to convey excess storm water from the proposed project site to the nearest waterbody.
7. The PP shall furnish NOC of Airport authority for Height Clearance.
8. The PP shall furnish the fire Noc.
9. The PP shall furnish detailed Traffic analysis report.
10. The PP shall withdraw the below remaining applications filed for obtaining EC with proper justification.

S.No	Online Application No
2.	SIA/TN/INFRA2/231590/2022 dated:25.03.2022
3.	SIA/TN/INFRA2/75337/2018 dated:08.06.2018
4.	SIA/TN/INFRA2/212674/2021 dated:02.06.2021

11. The PP shall study the impacts on the Quarry lake and Periya Eri Lake around the project site.
12. The PP shall study the impacts on Pulikkuradu reserve forest.
13. The PP shall furnish Disaster Management Plan and Evacuation plan.
14. The proponent shall furnish details on the NBC (National Building Code of India) norms adopted, with respect to the following to ensure environmental hygiene and safety standards:
 - a) Kitchen
 - b) Bathrooms
 - c) Basements
 - d) Garages


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- e) Stairways
- f) open ways
- g) fire safety & safety against fire escape routes
- h) electric lines
- i) roof top safety
- j) car parking
- k) visibility in exit areas

15. The proponent shall furnish details on the no. of fire alarms provided and the automatic fire detection standards followed.

16. The proponent shall furnish details on the actions taken to reduce anthropogenic GHGs such as CO₂, CH₄, nitrous oxide, etc., resulting from human activities.

17. The proponent shall furnish details on the strategies adopted to decarbonize the building.

18. The proponent shall furnish measures taken to mitigate the impact on critically endangered species, biodiversity, etc, due to the modification of the habitat.

19. The proponent shall develop emergency response plan in addition to the disaster management plan.

20. The proponent shall furnish details on building-friendly pest control strategies developed using non chemical measures so as to control the pest population thereby not losing beneficial organisms.

21. The proponent shall furnish the measures taken to prevent the spread of invasive species.

22. The proponent furnish detailed plan adopted to reduce carbon footprints and also strategies for climate proofing and climate mitigation.

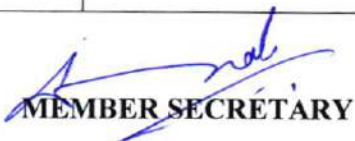
23. The proponent shall furnish details on strategies developed to ensure the buildings in blocks don't trap heat and become local urban heat islands.

24. The proponent shall furnish details on the sustainability criteria adopted to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.

25. The proponent shall furnish details on the strategies developed to prevent bird hits.

26. The proponent shall furnish details on the provisions made to ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.

27. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan during emergencies.


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	<p>28. The proponent shall furnish details on the strategies adopted to maintain the health of the inhabitants in high rise buildings.</p> <p>29. The proponent shall explain the methodology adopted to control thermal environment and other shocks in the building.</p> <p>30. The proponent shall provide details on the provisions for controlled ventilation and lighting systems.</p> <p>In view of the above, Authority decided to request the Member Secretary, SEIAA to communicate the minutes to the project proponent.</p>		
7.	<p>Proposed Increase in production capacity and addition of new products of leather chemicals division at S.F No. 32 of Sathangadu Village, Manali Taluk, Chennai District, Tamil Nadu by M/s. Balmer Lawrie & Co Ltd - For Environment Clearance (SIA/TN/IND2/23352/2017, dated: 03.04.2018).</p>	6561	<p>The Authority noted that the subject was appraised in the 394th Meeting of SEAC held on 21.07.2023. The Project proponent made a presentation along with the clarifications for the shortcomings observed by the Committee and the Committee carefully examined the replies given by the PP.</p> <p>Further, the Committee noted the following,</p> <ol style="list-style-type: none"> 1. The Hon'ble Supreme Court vide order dated 25.2.2022 in the matter of Chambers of Small-scale Industry Vs Central Pollution Control Board & Anr., has ordered that “..... the interim order of stay granted by this Court on 18.03.2020 shall continue to operate for next Eight Weeks”. As the interim stay now stands vacated after the expiry of eight weeks' time, the mechanism communicated vide, O.M vide F.No. 22-23/2018 -IA.II (Pt) MoEF&CC Dt. 30.12.2019 will come into force again”. 2. MoEF&CC has issued the O.M vide F.No. 22-23/2018 -IA.III MoEF&CC Dt. 30.12.2019 regarding disposal of the application received on or before


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		<p>31.10.2019 for ToR/EC and this application falls under Class – II. i.e</p> <p><i>“...In respect of the cases where partial deliberations or complete deliberations were made by SEAC or UTEAC, as the case may be (Class-II), the deliberation may be completed keeping in view of the additional conditions by the SEAC or UTEAC, as the case may be, and sent to the ministry for comments. If the comments were not received within 15 days from the communication, may be deemed as accepted and disposed based on the recommendations of the SEAC”.</i></p> <p>Hence SEAC decided to request the SEIAA to send the additional conditions imposed in the 394th meeting of SEAC held on 21.07.2023 to the MoEF&CC for obtaining Comments as per the sub para ii of para 2.0 contained in the OM F.No. 22-23/2018 –IA.III dated 30th December 2019 and shall intimate to SEAC upon the receipt of comments from the MoEF&CC within stipulated time as mentioned in the above O.M.</p> <p>Based on the presentation and documents furnished by the PP, the SEAC carefully considered the proposal as the proposed expansion is in the CEPI area and decided to impose the specific conditions stated therein in addition to standard environmental clearance conditions prescribed by MoEF&CC, GoI and EMP. As a result of these measures, the net increase in CEPI values will be in the negative.</p>
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			<p>In view of the above, after detailed discussions, the authority decided to request the Member Secretary, SEIAA to send the additional conditions imposed in the 394th meeting of SEAC held on 21.07.2023 to the MoEF&CC for obtaining Comments as per the sub para ii of para 2.0 contained in the OM F.No. 22-23/2018 –IA.III dated 30th December 2019 and shall intimate to SEAC upon the receipt of comments from the MoEF&CC within stipulated time as mentioned in the above O.M.</p>
8.	<p>Proposed Rough stone & Gravel lease over an extent of 1.68.5 Ha at S.F.Nos. 27/2B (Part) Kodangipalayam Village, Palladam Taluk, Tiruppur District, Tamil Nadu by Thiru. P.Gopal- For Terms of Reference. (SIA/TN/MIN/432831/2023 dated 09.06.2023)</p>	10121	<p>The Authority noted that the subject was placed in the 394th meeting of SEAC held on 21.07.2023 and the SEAC has furnished its recommendation for the grant of Terms of Reference (ToR) with Public Hearing for the EIA study subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority decided to seek the following document from the Project proponent:</p> <ul style="list-style-type: none"> Valid Certified compliant report for the existing quarry from the competent Authority. <p>On receipt of the same the Authority will further deliberate and decide on future course of action.</p>
9.	<p>Proposed Rough stone & Gravel lease over an extent of 4.40.0 Ha at S.F.Nos. 775/1E (P), 776/3, 777/1, 778/1A (P), 807/2B & 807/2C2 Anjur Village, Pugalur Taluk, Karur District, Tamil Nadu by Thiru.P. Ravi – For Terms of Reference.</p>	10139	<p>The Authority noted that the subject was placed in the 394th meeting of SEAC held on 21.07.2023 and the NABET consultant has informed the SEAC that the Proponent intends to withdraw the proposal and the Committee has deferred the proposal to allow SEIAA to accept the withdrawal request of the Project Proponent.</p>


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	(SIA/TN/MIN/432831/2023 dated 02.06.2023)		<p>After detailed discussions, the Authority decided to seek the following document from the Project proponent:</p> <ul style="list-style-type: none"> Valid Certified compliant report for the existing quarry from the competent Authority. <p>On receipt of the same the Authority will further deliberate and decide on future course of action.</p>
10.	<p>Proposed Common Bio - Medical Waste Treatment Facility (CBWTF) at Plot No. C-6 SIPCOT Industrial Park, Seikalathur Village. Manamadurai Taluk, Sivagangai District, Tamil Nadu by M/s. Medicare Environmental Management Private Limited – For Terms of Reference. (SIA/TN/INFRA2/429635/2023 dated 29.03.2023)</p>	10145	<p>The Authority noted that the subject was placed in the 394th meeting of SEAC held on 21.07.2023 and the SEAC has furnished its recommendation for the grant of Terms of Reference (ToR) with Public Hearing for the EIA study subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority taking into account the recommendations of SEAC and also the safety aspects and to ensure sustainable, scientific and systematic mining, decided to grant Terms of Reference along with public hearing subject to the standard ToR prescribed by MoEF & CC for Common Bio Medical Waste Treatment Facilities(CBMWTF) along with the following additional ToR:</p> <ol style="list-style-type: none"> The pp shall furnish impact of biomedical waste on contamination of water, surface water, storage details, safety of rodents, stray animals, rack pickers etc. The pp shall furnish impact of biomedical waste storage, packaging & labelling. The pp shall furnish impact of biomedical waste pollution from radioactive particles, needle shots, plastic waste, chemical waste,


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			<p>volatile, solvent, Aesthetic waste, pathological waste & hazardous Waste.</p> <p>4. The pp shall furnish impact of biomedical waste treatment facility on the nearby Local communities nearby and staffs.</p> <p>5. The pp shall furnish precautionary measures for the nearby local community in regard to deep burial, auto calving, recycling, & Inceniration.</p> <p>6. New technologies available for reuse and recycling/ disposal of Biomedical wastes.</p>
11.	<p>Proposed 60 KLPD Capacity Cane Juice and B-Heavy Molasses based Distillery and 1.5 MW Captive Power Plant at S. F. No. 59/1 (Part), 59/3, 60/2 (Part), 60/3(Part), 60/4 (Part), 60/5 (Part), 60/6 (Part), 60/7, 76/2 (Part), 77/1 (Part), 77/2 (Part), 78/4 (Part), 78/8, 78/9, 78/10A (Part), 78/10B, 93/1 (Part), 93/2A, 93/2B, 93/3 (Part), 93/4 (Part), 93/5 (Part), 93/6 in Moongilthurapattu Village, Sankarapuram Taluk, Kallakurichi District by M/s. Kallakurichi-1 Cooperative Sugar Mills Ltd. (KCSM) - For Environment Clearance. (SIA/TN/IND2/82097/2022, dated 09.08.2022)</p>	9444	<p>The Authority noted that the subject was appraised in 394th meeting of SEAC held on 21.07.2023. SEAC has furnished its recommendations for grant of Environmental Clearance for the project subject to the conditions stated therein.</p> <p>After detailed discussion, the Authority accepted the recommendation of SEAC and decided to grant Environmental Clearance for the project subject to the conditions as recommended by SEAC in addition to the following conditions:</p> <ol style="list-style-type: none"> 1. The proponent shall maintain log book for the Water consumption, Effluent generation & treatment and shall furnish the same to the authorities during inspection of the unit. 2. The proponent shall maintain effective recycling of water through cooling tower. 3. Frequent dry cleaning of factory floors shall be done to prevent dust emission. 4. Colour coding of pipelines carrying fresh and waste water has been mandatory.


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			<p>5. An analytical facility cum lab should be established at the site to assess & analyse various streams of water and report shall be maintained.</p> <p>6. The proponent shall provide and maintain continuous online effluent & emission monitoring system.</p> <p>7. The inhouse analytical laboratory should frequently analyse the water quality in and around the factory premises and report the same in their Half yearly compliance report.</p> <p>8. There should be continuous health monitoring system to monitor the health of workers and the community.</p>
12.	Proposed Construction of Super Speciality Block in Government Medical College Hospital at Plot No: 739, 740/2A1, 744, 745/1, City Thoothukudi, District, Tamil Nadu by the Executive Engineer, Public Works Department, Thoothukudi - For Environmental Clearance. (SIA/TN/INFRA/432831/2023 dated 09.06.2023)	10169	<p>The Authority noted that the subject was placed in the 394th meeting of SEAC held on 21.07.2023 and the SEAC has furnished its recommendation for the grant of Environmental Clearance for the EIA study subject to the conditions stated therein.</p> <p>After detailed discussions, the Authority accepted the recommendations of SEAC and decided to grant Environmental Clearance for the project as recommended by the SEAC subject to the conditions stated therein & the normal conditions stated in Annexure 'C' in addition to the following conditions:</p> <ol style="list-style-type: none"> 1. To utilise treated sewage for toilet flushing after adequate disinfection using dual plumbing mechanism. 2. No effluent shall be discharge into waterbodies, canal, odai etc.

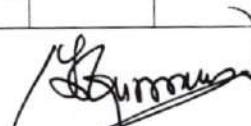

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			<p>3. The proposed activity shall not impact surface and ground water bodies.</p> <p>4. The cafeteria should be provided with siting plan and garbage disposal bins.</p> <p>5. Maintaining animal house, should be environmentally secure and safe.</p> <p>6. The PP shall conduct and adhere to the recommendation of emergency evacuation plan, disaster management plan, & risk assessment plan.</p> <p>7. The PP shall strictly adhere to the EMP as committed.</p>
13.	Proposed Multi Colour Granite quarry lease area over an extent of Extent 1.62.0 Ha at S.F.No. 480/1 (Part) of Nadanthai Village, Paramathi Velur Taluk, Namakkal District, Tamil Nadu by M/s. Sivasakthi Rock Exports - For Terms of Reference. (SIA/TN/MIN/432724/2023, Dated: 09.06.2023)	10140	<p>The authority noted that the subject was appraised in 394th SEAC meeting held on 21.07.2023.</p> <p>Based on the presentation and documents furnished by the project proponent, SEAC after detailed deliberations, decided to recommend the proposal for the grant of Terms of Reference (ToR).</p> <p>After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC & normal conditions in addition to the following conditions and the conditions mentioned in 'Annexure B' of this minute:</p>
14.	Proposed Rough Stone & Gravel quarry lease area over an extent of Extent 4.63.0 Ha at S.F. No. 289/2	10146	<p>The authority noted that the subject was appraised in 394th SEAC meeting held on 21.07.2023.</p>


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	<p>& 290/1A of Karudayampalayam Village, Pugalur Taluk, Karur District, Tamil Nadu by M/s. Ram Blue Metals - For Terms of Reference. (SIA/TN/MIN/431192/2023, Dated: 28.05.2023)</p>		<p>During the presentation, proponent requested to withdraw the proposal. Hence, SEAC decided to recommend to SEIAA to accept the proponent's request to withdraw the proposal.</p> <p>The authority noted that the PP has submitted Ir. Dt: 21.07.2023 regarding request for withdraw for the proposal seeking ToR for the reasons stated therein.</p> <p>In view of the above, the proponent has not submitted request for withdraw vide online as reported before SEAC and SEIAA after detailed discussion decided to call for additional particulars</p> <ol style="list-style-type: none"> 1) PP shall furnish justification for request for withdraw. 2) The proponent shall furnish a letter from AD/DD of Mines Dept. regarding the details of last permit obtained. 3) The project proponent shall submit a certified compliance report obtained from IRO, MoEF & CC for the earlier EC obtained from DEIAA.
15.	<p>Proposed Grey Granite quarry lease area over an extent of Extent 3.50.0 Ha at S.F. No. 380/1 (Part) of Chendarapalli Village, Bargur Taluk, Krishnagiri District, Tamil Nadu by M/s. Zak Exports - For Terms of Reference. (SIA/TN/MIN/430120/2023, Dated: 21.05.2023)</p>	10152	<p>The authority noted that the subject was appraised in 394th SEAC meeting held on 21.07.2023.</p> <p>Based on the presentation and documents furnished by the project proponent, SEAC after detailed deliberations, decided to recommend the proposal for the grant of Terms of Reference (ToR).</p> <p>After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment</p>


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			Management Plan subject to the conditions as recommended by SEAC & normal conditions in addition to the following conditions and the conditions mentioned in 'Annexure B' of this minute:
16.	Proposed Rough Stone & Gravel quarry lease area over an extent of Extent 4.11.5 Ha at S.F. No. 683/2 (Part) & 686/1 (Part) of Kuppam Village, Pugalur Taluk, Karur District, Tamil Nadu by Thiru. T.Manoj Prabakar - For Terms of Reference. (SIA/TN/MIN/433804/2023, Dated: 19.06.2023)	10158	The authority noted that the subject was appraised in 394 th SEAC meeting held on 21.07.2023. Based on the presentation and documents furnished by the project proponent, SEAC after detailed deliberations, decided to recommend the proposal for the grant of Terms of Reference (ToR) . After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC & normal conditions in addition to the following conditions and the conditions mentioned in 'Annexure B' of this minute:
17.	Proposed Rough Stone quarry lease area over an extent of Extent 2.55.5 Ha at S.F. No. 329/1A, 331/1A, 331/1B, 331/1C, 331/2, 332/1, 332/2 & 332/3 of Kalappanahalli Village, Karimangalam Taluk, Dharmapuri District, Tamil Nadu by Thiru. M. G. Sekar - For Terms of Reference.	10164	The authority noted that the subject was appraised in 394 th SEAC meeting held on 21.07.2023. Based on the presentation and document furnished by the proponent, SEAC noted that <ol style="list-style-type: none"> 1. Many Structures and habitations are existing within the 300m radius from the proposed mine lease area. 2. A Shed is located within 200m radius from the proposed mine lease area. Hence, this proposal attracts the following legal


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<p>(SIA/TN/MIN/434247/2023, Dated: 22.06.2023)</p>	<p>implications:</p> <p>(i) Under the provisions of Tamil Nadu Minor Mineral Concession Rules, 1959, Rule 36 (1-A) (a) says</p> <p><i>“.... No lease shall be granted for quarrying stone within 300 meters (three hundred meters) from any inhabited site: Provided that the exiting quarries which are subsisting under current leases shall be entitled for continuance till the expiry of the lease period. The lessees whose quarries lie within a radius of 300 metres from the inhabited site shall undertake blasting operations only after getting permission of the Director of Mines Safety, Chennai”.</i></p> <p>Similarly, Rule 36 (1-A) (c) also indicates</p> <p><i>“.... No new layout, building plans falling within 300 metres from any quarry should be given approval by any agency unless prior clearance of the Director of Geology and Mining is obtained. On receipt of proposals for according clearance, the Director of Geology and Mining (DGM) shall decide upon the continuance or closure, as the case may be of any quarry which is situated within 300 metres from the now layout, building sought for such, clearance....”.</i></p>
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			<p>In view of the above reasons, the SEAC decided that grant of Environmental Clearance for this proposal will be detrimental to environment and living conditions in this area and consequently decided not to issue ToR to this proposal.</p> <p>In the view of the above, SEIAA accepts the decision of SEAC and decided to request Member Secretary to grant rejection letter to proponent as per the 394th SEAC minutes.</p>
18.	Proposed construction of IT/ITES Development at Survey Nos. 36/1A1A2, 38/2A1A2, 38/2A1B, 38/2A1C, 38/2A1D, 38/2A1E, 38/2A1F, 47/1C1, 47/1C2 & 47/1C3 of Seevaram Village, Shollinganallur Taluk, Chennai District, Tamil Nadu by M/s. Jananya Realtors Pvt. Ltd. – For Terms of Reference. (SIA/TN/INFRA2/417558/2023, dated:01.06.2023)	10141	<p>The authority noted that the subject was appraised in the 394th SEAC meeting held on 20.07.2023. The proponent vide mail dated.20.07.2023 has informed that they have decided to revise the master plan and resubmit the application and hence requested to reschedule the proposal after the submission of the revised application. In view of this, the Committee decided to defer the proposal.</p> <p>The Authority, after detailed deliberations, accepts the decision of SEAC and decided to request Member Secretary, SEIAA to communicate the minutes of 394th SEAC meeting to the project proponent.</p>
19.	Proposed Rough Stone and Gravel Quarry lease over an extent of 4.98.0 Ha (Patta Land) in S.F.No. 273/A3, 273/A4, 273/A5, 273/A2, 273/A6, 274/1 and 274/5 at Karudayampalayam Village, Pugalur Taluk (Erstwhile Aravakurichi Taluk), Karur District, Tamil Nadu by Tvl. Sri Ganeshmurugan Blue Metals – For	10147	<p>The authority noted that the subject was appraised in the 394th SEAC meeting held on 20.07.2023. During the presentation, proponent stated that he would like to withdraw the proposal. Hence, SEAC decided to recommend to SEIAA to accept the proponent's request to withdraw the proposal.</p> <p>The authority, after detailed deliberations, decided to consider the withdrawal request after obtaining the following details from the project proponent:</p>


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	<p>Terms of Reference. (SIA/TN/MIN/431829/2023, dated:02.06.2023)</p>		<p>i) The proponent shall furnish a letter from AD/DD of Mines Dept. regarding the details of last permit obtained.</p> <p>ii) The project proponent shall submit a certified compliance report as per MoEF&CC O.M dated.08.06.2022 for the earlier EC obtained from DEIAA.</p>
<p>20.</p>	<p>File No: 10159</p> <p>Existing Black Granite Quarry lease over an extent of 3.89.5 Ha in S.F.No. 715/3(P), 719/4(P), 721/1, 721/2A(P), 721/2B(P) & 722/1(P) at Irudhukottai Village, Denkanikottai Taluk, Krishnagiri District, Tamil Nadu by Thiru.D.Karunanithi – For Terms of Reference. (SIA/TN/MIN/433811/2023, dated:19.06.2023)</p> <p>The authority noted that the subject was appraised in the 394th SEAC meeting held on 20.07.2023. During the presentation, proponent stated that he would like to withdraw the proposal. Hence, SEAC decided to accept the proponent’s request to withdraw the proposal and SEIAA may accordingly take necessary action in accordance with the procedures laid by the MoEF & CC.</p> <p>The Authority, during deliberations, noted that:</p> <p>i) The proponent/consultant vide mail dated.01.08.2023 has stated the reason for withdrawal as follows:</p> <p><i>“... While submission, the cluster area has been calculated including ‘applied quarries’, so we had processed the file under B1 category. As per cluster notification no need to include Applied quarries for cluster calculation. So proponent wants to withdraw the file....”</i></p> <p>ii) From the documents uploaded by the proponent in the PARIVESH Portal, it is ascertained that the Deputy Director of Dept. of G&M has furnished a letter dated.23.05.2023, stating the details of quarries located within 500m radius from the propose project site. The details of the letter are as follows:</p>		


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I. Details of Existing quarries.

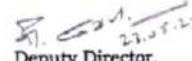
Sl No	Name of the lessee	GO.No. & Dated	Village & Taluk	S.F No.	Extent in Het	Lease period.	Last Permit Obtained
1.	Thiru. D.karunanidhi, S/o. M.Dharman, Valasagoundanoor Village, Puliampatti Post, Pochampalli Taluk, Krishnagiri District.	G.O.(3D) No.29, Industries (MME.2) department dated: 01.12.2017.	Irudhukottai Village, Denkanikottai Taluk	715/3(P), 719/4(P), 721/1, 721/2A(P), 721/2B(P) & 722/1(P)	3.89.5	25.01.2018 to 24.01.2038	7.11.2022

II. Details of abandoned/Old quarries.

Sl. No.	Name of the lessee	GO.No. & Dated	Village & Taluk	S.F No.	Extent in Het	Lease period.
1.	Nil					

III. Details of applied quarries

Sl. No.	Name of the lessee	GO.No. & Dated	Village & Taluk	S.F No.	Extent in Het	Lease period.
1.	Sree Lakshmi Granites, Near Sri Vsari metals, Bairamangalam Village, Denkanikottai Taluk, Krishnagiri District.	Roc.No. 1119/2019 /Mines	Irudhukottai Village, Denkanikottai Taluk	714/2(P), 714/3(P)	1.01.5	Applied Area
2.	Thiru. D.karunanidhi, S/o. M.Dharman, Valasagoundanoor Village, Puliampatti Post, Pochampalli Taluk, Krishnagiri District.	Roc.No. 226/2020/ Mines	Irudhukottai Village, Denkanikottai Taluk	720/3B, 725/1(P), 725/2A, 725/B1(P) & 726/B2A	1.36.45	Applied Area


Deputy Director,
Dept of Geology and Mining,
Krishnagiri.

In this regard, the authority after deliberations, decided to consider the withdrawal request after obtaining the following details from the project proponent:

- The proponent shall furnish details from AD/DD of Dept. of G&M regarding the current status of the quarry of Sree Lakshmi Granites located at S.F.Nos.714/2(P) & 714/3(P) of Irudhukottai Village, Denkanikottai Taluk.

21. Proposed Rough Stone Quarry lease over an extent of 2.62.0 Ha (Govt. Poramboke Land) in S.F.No. 327/1 (Part) of Gopanapalli Village, Hosur Taluk, Krishnagiri District, Tamil Nadu by M/s. Vijay Blue Metals, – For Terms of Reference.
(SIA/TN/MIN/434597/2023, dated:27.06.2023)

10171

The authority noted that the subject was appraised in the 394th SEAC meeting held on 20.07.2023. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant **Terms of Reference (ToR) along with Public Hearing** under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC & normal conditions in addition to the following conditions and the


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			conditions mentioned in 'Annexure B' of this minutes.
22.	Proposed Rough stone & Gravel Quarry over an extent of 3.00.36 Ha at SF.No. 1118/1 of Bilichi Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu by M/s. Sri Rajalakshmi Samappa Building Materials Company - For Terms of Reference. (SIA/TN/MIN/433574/2023, Dt. 16.06.2023)	10130	The authority noted that this proposal was placed for appraisal in 394 th meeting of SEAC held on 21.07.2023, the committee has furnished its recommendations for granting ToR with Public hearing subject to the conditions stated therein. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC, in addition to the following conditions & normal conditions in ' Annexure B ' of this minute. 1. Considering the environmental impacts due to the mining, safety of the working personnel and following the principle of the sustainable mining the depth of mining is restricted from 50m to 45m and consequently the revised quantity shall be spelt out in the 'modified Production and Development Plan' to be submitted during the EIA appraisal.
23.	Proposed Rough stone Quarry over an extent of 1.00.0Ha at SF.No. 59/1A1A (Part) of Thondamanur Village, Thandrapet Taluk, Tiruvannamalai District, Tamil Nadu by Thiru. M. Balamurugan-	10148	The authority noted that this proposal was placed for appraisal in 394 th meeting of SEAC held on 21.07.2023. The SEAC noted that the project proponent has not attended the meeting. Hence the subject was not taken up for discussion and the


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	For Terms of Reference. (SIA/TN/MIN/433690/2023, Dt. 22.06.2023)		project proponent shall furnish the reason for his absence. In view of the above, the authority decided to request the Member Secretary, SEIAA to communicate the SEAC minutes to the project proponent held on 21.07.2023.
24.	Proposed Rough stone Quarry over an extent of 3.19.0Ha at SF.No. 378/2B2, 378/2C, 380/4A, 380/4B2 (Part) & 381/2A (Part) of Serugudi Village, Musiri Taluk, Tiruchirappalli District, Tamil Nadu by Thiru. R. Rabeendran - For Terms of Reference. (SIA/TN/MIN/434467/2023, Dt. 28.06.2023)	10166	The authority noted that this proposal was placed for appraisal in 394 th meeting of SEAC held on 21.07.2023, the committee has furnished its recommendations for granting ToR with Public hearing subject to the conditions stated therein. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment Management Plan subject to the conditions as recommended by SEAC, in addition to the following conditions & normal conditions in ' Annexure B ' of this minute.
25.	Proposed Multi-Coloured Granite Quarry over an extent of 4.89.0Ha at S.F.No. 74/3A1A, 74/3A1B, 74/3A2, 74/3B, 75/1A, 75/2A1, 75/2A2, 75/2B, 75/3B, 75/3D & 74/2 of Veeriyapalayam Village, Krishnarayapuram Taluk, Karur District, Tamil Nadu by Thiru. E. Dhanapal- For Terms of Reference. (SIA/TN/MIN/434720/2023, Dt. 27.06.2023)	10172	The authority noted that this proposal was placed for appraisal in 394 th meeting of SEAC held on 21.07.2023, the committee has furnished its recommendations for granting ToR with Public hearing subject to the conditions stated therein. After detailed discussions, the Authority accepts the recommendation of SEAC and decided to grant Terms of Reference (ToR) along with Public Hearing under cluster for undertaking the combined Environment Impact Assessment Study and preparation of separate Environment


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			Management Plan subject to the conditions as recommended by SEAC, in addition to the following conditions & normal conditions in 'Annexure B' of this minute.
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Annexure 'B'

Cluster Management Committee

1. Cluster Management Committee shall be framed which must include all the proponents in the cluster as members including the existing as well as proposed quarry.
2. The members must coordinate among themselves for the effective implementation of EMP as committed including Green Belt Development, Water sprinkling, tree plantation, blasting etc.,
3. The List of members of the committee formed shall be submitted to AD/Mines before the execution of mining lease and the same shall be updated every year to the AD/Mines.
4. Detailed Operational Plan must be submitted which must include the blasting frequency with respect to the nearby quarry situated in the cluster, the usage of haul roads by the individual quarry in the form of route map and network.
5. The committee shall deliberate on risk management plan pertaining to the cluster in a holistic manner especially during natural calamities like intense rain and the mitigation measures considering the inundation of the cluster and evacuation plan.
6. The Cluster Management Committee shall form Environmental Policy to practice sustainable mining in a scientific and systematic manner in accordance with the law. The role played by the committee in implementing the environmental policy devised shall be given in detail.
7. The committee shall furnish action plan regarding the restoration strategy with respect to the individual quarry falling under the cluster in a holistic manner.
8. The committee shall furnish the Emergency Management plan within the cluster.
9. The committee shall deliberate on the health of the workers/staff involved in the mining as well as the health of the public.
10. The committee shall furnish an action plan to achieve sustainable development goals with reference to water, sanitation & safety.
11. The committee shall furnish the fire safety and evacuation plan in the case of fire accidents.

Impact study of mining


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12. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area covering the entire mine lease period as per precise area communication order issued from reputed research institutions on the following
- Soil health & soil biological, physical land chemical features .
 - Climate change leading to Droughts, Floods etc.
 - Pollution leading to release of Greenhouse gases (GHG), rise in Temperature, & Livelihood of the local people.
 - Possibilities of water contamination and impact on aquatic ecosystem health.
 - Agriculture, Forestry & Traditional practices.
 - Hydrothermal/Geothermal effect due to destruction in the Environment.
 - Bio-geochemical processes and its foot prints including environmental stress.
 - Sediment geochemistry in the surface streams.

Agriculture & Agro-Biodiversity


13. Impact on surrounding agricultural fields around the proposed mining Area.
14. Impact on soil flora & vegetation around the project site.
15. Details of type of vegetations including no. of trees & shrubs within the proposed mining area and. If so, transplantation of such vegetations all along the boundary of the proposed mining area shall committed mentioned in EMP.
16. The Environmental Impact Assessment should study the biodiversity, the natural ecosystem, the soil micro flora, fauna and soil seed banks and suggest measures to maintain the natural Ecosystem.
17. Action should specifically suggest for sustainable management of the area and restoration of ecosystem for flow of goods and services.
18. The project proponent shall study and furnish the impact of project on plantations in adjoining patta lands, Horticulture, Agriculture and livestock.

Forests

19. The project proponent shall detailed study on impact of mining on Reserve forests free ranging wildlife.
20. The Environmental Impact Assessment should study impact on forest, vegetation, endemic, vulnerable and endangered indigenous flora and fauna.
21. The Environmental Impact Assessment should study impact on standing trees and the existing trees should be numbered and action suggested for protection.


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22. The Environmental Impact Assessment should study impact on protected areas, Reserve Forests, National Parks, Corridors and Wildlife pathways, near project site.

Water Environment

23. Hydro-geological study considering the contour map of the water table detailing the number of ground water pumping & open wells, and surface water bodies such as rivers, tanks, canals, ponds etc. within 1 km (radius) so as to assess the impacts on the nearby waterbodies due to mining activity. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided, covering the entire mine lease period.
24. Erosion Control measures.
25. Detailed study shall be carried out in regard to impact of mining around the proposed mine lease area on the nearby Villages, Water-bodies/ Rivers, & any ecological fragile areas.
26. The project proponent shall study impact on fish habitats and the food WEB/ food chain in the water body and Reservoir.
27. The project proponent shall study and furnish the details on potential fragmentation impact on natural environment, by the activities.
28. The project proponent shall study and furnish the impact on aquatic plants and animals in water bodies and possible scars on the landscape, damages to nearby caves, heritage site, and archaeological sites possible land form changes visual and aesthetic impacts.
29. The Terms of Reference should specifically study impact on soil health, soil erosion, the soil physical, chemical components and microbial components.
30. The Environmental Impact Assessment should study on wetlands, water bodies, rivers streams, lakes and farmer sites.

Energy

31. The measures taken to control Noise, Air, Water, Dust Control and steps adopted to efficiently utilise the Energy shall be furnished.

Climate Change

32. The Environmental Impact Assessment shall study in detail the carbon emission and also suggest the measures to mitigate carbon emission including development of carbon sinks and temperature reduction including control of other emission and climate mitigation activities.
33. The Environmental Impact Assessment should study impact on climate change, temperature rise, pollution and above soil & below soil carbon stock.

Mine Closure Plan


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34. Detailed Mine Closure Plan covering the entire mine lease period as per precise area communication order issued.

EMP

35. Detailed Environment Management Plan along with adaptation, mitigation & remedial strategies covering the entire mine lease period as per precise area communication order issued.

36. The Environmental Impact Assessment should hold detailed study on EMP with budget for Green belt development and mine closure plan including disaster management plan.

Risk Assessment

37. To furnish risk assessment and management plan including anticipated vulnerabilities during operational and post operational phases of Mining.

Disaster Management Plan

38. To furnish disaster management plan and disaster mitigation measures in regard to all aspects to avoid/reduce vulnerability to hazards & to cope with disaster/untoward accidents in & around the proposed mine lease area due to the proposed method of mining activity & its related activities covering the entire mine lease period as per precise area communication order issued.

Others

39. The project proponent shall furnish VAO certificate with reference to 300m radius regard to approved habitations, schools, Archaeological sites, Structures, railway lines, roads, water bodies such as streams, odai, vaari, canal, channel, river, lake pond, tank etc.

40. As per the MoEF& CC office memorandum F.No.22-65/2017-IA.III dated: 30.09.2020 and 20.10.2020 the proponent shall address the concerns raised during the public consultation and all the activities proposed shall be part of the Environment Management Plan.

41. The project proponent shall study and furnish the possible pollution due to plastic and microplastic on the environment. The ecological risks and impacts of plastic & microplastics on aquatic environment and fresh water systems due to activities, contemplated during mining may be investigated and reported.

Annexure 'C'

Climate Change

1. The proponent shall adopt strategies to decarbonize the building.
2. The proponent shall adopt strategies to reduce emissions during operation (operational phase and building materials).


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3. The proponent shall adopt strategies to reduce temperature including the Building Façade.
4. The proponent shall adopt methodology to control thermal environment and other shocks in the building.
5. The proponent shall adopt detailed plan to reduce carbon footprints and also develop strategies for climate proofing and climate mitigation.
6. The proponent shall adopt strategies to ensure the buildings in blocks are not trapping heat to become local urban heat islands.
7. The proponent shall ensure that the building does not create artificial wind tunnels creating cold water and uncomfortable living conditions resulting in health issues.
8. The activities should in no way cause emission and build-up Green House Gases. All actions to be eco-friendly and support sustainable management of the natural resources within and outside the campus premises.
9. The proponent shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.

Health

10. The proponent shall adopt strategies to maintain the health of the inhabitants.

Energy

11. The proponent shall adopt strategies to reduce electricity demand and consumption.
12. The proponent shall provide provisions for automated energy efficiency.
13. The proponent shall provide provisions for controlled ventilation and lighting systems.
14. The proponent shall provide solar panels and contribute to the grid from the solar panel as proposed.
15. All the construction of Buildings shall be energy efficient and conform to the green building norms. The PP shall ensure that carbon neutral building.
16. The proponent shall provide adequate capacity of DG set (standby) for the proposed STP so as to ensure continuous and efficient operation.

Regulatory Frameworks

17. The proponent shall adopt methodologies to effectively implement the Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.


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18. The project proponent shall ensure to provide adequate elevated closed area earmarked for collection, segregation, storage & disposal of wastes generated within the premises as per provisions of Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.
19. The proponent shall provide elevator as per rules CMDA/DTCP.

Database maintenance & audits

20. The database record of environmental conditions of all the events from pre-construction, construction and post-construction should be maintained in digitized format.
21. The proponent should maintain environmental audits to measure and mitigate environmental concerns.

Biodiversity

22. There should not be any impact due to the modification of the habitat on critically endangered species, biodiversity, etc.,.
23. The proponent shall ensure that the proposed activities in no way result in the spread of invasive species.
24. The proponent shall adopt sustainability criteria to protect the micro environment from wind turbulences and change in aerodynamics since high rise buildings may stagnate air movements.
25. The proponent shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.
26. The proponent shall develop building-friendly pest control strategies by using non chemical measures so as to control the pest population thereby not losing beneficial organisms.
27. The proponent shall adopt strategies to prevent bird hits.

Safety measures

28. The proponent should develop an emergency response plan in addition to the disaster management plan.
29. The proponent shall develop detailed evacuation plan for disabled people and safety evacuation plan in emergencies.
30. All bio-safety standards, hygienic standards and safety norms of working staff and patients to be strictly followed as stipulated in EIA/EMP.


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31. The disaster management and disaster mitigation standards to be seriously adhered to avoid any calamities.
32. The proponent shall provide the emergency exit in the buildings.
33. The proponent shall adhere to the provision and norms regard to fire safety prescribed by competent authority.

Water/Sewage

34. The proponent shall ensure that no treated or untreated sewage shall be let outside the project site & shall find access to nearby water-bodies under any circumstances other than the permitted mode of disposal.
35. The proponent shall provide STP of adequate capacity as committed and shall continuously & efficiently operate STP so as to satisfy the treated sewage discharge standards prescribed by the TNPCB time to time.
36. The proponent shall periodically test the treated sewage the through TNPCB lab /NABL accredited laboratory and submit report to the TNPCB.
37. The proponent shall periodically test the water sample for the general water quality core parameters including fecal coliform within the proposed project site through TNPCB lab /NABL accredited laboratory and submit report to the concerned authorities.
38. The proponent shall ensure that provision should be given for proper utilization of recycled water.
39. The project proponent shall adhere to storm water management plan as committed.

Parking

40. The project proponent shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.

Solid waste Management

41. The proponent shall ensure that no form of municipal solid waste shall be disposed outside the proposed project site at any time.
42. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.

EMP

43. The proponent shall ensure that the EIA/EMP and disaster management plan should be adhered strictly.


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44. The proponent shall ensure that all activities of EMP shall be completed before obtaining CTO from TNPCB.
45. The proponent shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.

Others

46. As per the 'Polluter Pay Principle', the proponent will be held responsible for any environmental damage caused due to the proposed activity including withdrawal of EC and stoppage of work.
47. The project proponent shall adhere to height of the buildings as committed.



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