

Minutes of the

276th MEETING

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Date: 05.03.2018

**MINUTES OF THE 276th MEETING OF THE STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY HELD ON 05.03.2018**

Agenda No.	Description	File No.	Minutes
a)	Confirmation of the minutes of the 275 th meeting of the Authority held on 28.02.2018		The minutes of the 275 th Meeting of the Authority held on 28.02.2018 was confirmed.
b)	The Action taken on the decisions of the 275 th meeting of the Authority held on 28.02.2018		The Member Secretary tabled the action taken report on the decisions of the 275 th meeting and discussed.
1.	To consider the proposal for the grant of ToR for the proposed Expansion of LPG Import & Storage Terminal from capacity of 0.35 MMTPA to 1.2 MMTPA at Tuticorin by M/s. SHV Energy Private Limited at Plot No. 5C, V.O.C Port Trust, Mullakadu Village, Tuticorin Taluk, Tuticorin District, Tamilnadu.	6486	<p>Discussed in detail, the Authority decided to issue ToR for the preparation of EIA report subject to the following additional ToR:</p> <ol style="list-style-type: none"> 1. The detailed study on bio diversity of the proposed site and the existing site shall be furnished. 2. Thorough inventory shall include coastal, terrestrial and marine fauna & flora and the impact of the project on these ecosystems. 3. Why such a huge quantum leap in the land area proposed. Justification in this regard shall be furnished. 4. Detail analysis of soil physical, chemical and biological properties shall be furnished. 5. Details of mangrove forest present nearby site and possibility of increasing mangroves in the site.


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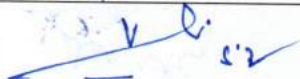
		<p>6. EMP for green belt with maintenance cost shall be furnished.</p> <p>7. Why the proponent could not plant trees since 1995. Justify and also explore possibility of planting salt tolerant trees as wind belts in the project site in consultation with Forest Department and Wetland Authority. There are many salt tolerant species that can be raised as shelter belts / wind breaks against salt sprays. Research institutes like Institute of forest genetics and Tree breeding, Coimbatore may be consulted to identify salt tolerant species.</p> <p>8. Explore possibilities of soil and moisture conservation.</p> <p>9. Details of the present land use of the proposed 12 acres of land shall be furnished.</p> <p>10. Regarding water balance, the following details shall be incorporated and revised water balance shall be furnished.</p> <p>a) TWAD board potable water shall not be used for water requirement for industrial cooling instead of either sea</p>
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		<p>water or treated sewage from quarters / port / Tuticorin Municipal sewage shall be proposed.</p> <p>b) Water requirement is 620 KLD whereas water balance is not matching. Hence clarify and furnish revised water balance.</p> <p>c) For gardening, fresh water shall not be utilized instead recycled water / RO reject shall be used.</p> <p>d) It is proposed to utilize 1.5 KL for fire water makeup. Justify the quantity considering the guidelines.</p> <p>e) RO reject shall not be sent to STP instead shall be utilized for fire demand.</p> <p>11. Necessary clearances from wetland authority, Tamil Nadu & Forest Department, Tamil Nadu shall be obtained as the project is located close to Mannar Bio Sphere Reserve (Van Tive island) & Kasuwari island.</p>
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			<p>12. History of earlier accidents, nature of accidents, the details of loss of life if any, shall be furnished.</p> <p>13. Regarding rain water harvesting, proponent has to estimate the rain water likely to be received from paved area considering the earlier rain fall data and shall propose suitable collection sump of adequate capacity for reuse as an alternative to fresh water.</p> <p>14. Certified compliance report of earlier EC and CRZ clearance for the proposed land area shall be as part of the EIA report.</p>
2.	<p>To consider the proposal for the grant of ToR for the proposed project of Forming Chennai Peripheral road connecting Poonjeri junction in Mahabalipuram to Ennore Port (via) Singaperumalkoil – Sriperumbudur – Thiruvallur – Tamaraiykkam – Periyapalayam – Pudukkottai and Kattupalli by M/s. Highways Department, Government of Tamil Nadu.</p>	6474	<p>Discussed in detail, the Authority decided to issue ToR for the preparation of EIA report along with Public Hearing subject to the following additional ToR:</p> <ol style="list-style-type: none"> 1. Examine of this road be avoided at all, or are there ecologically and socially acceptable better alternative alignment. 2. Need of the proposed peripheral road with enough justification 3. Regarding forest land the following details shall be furnished



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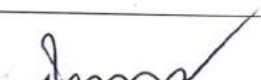

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		<p>a) Explore the possibility of alternative site instead of passing through 10.23 Ha of forest land.</p> <p>b) The permission from the Forest Department has been obtained, for use of forest land under Forest Conservation Act, 1980 and other relevant forest and wildlife acts.</p> <p>4. Whether the tree cutting and transplantation can be avoided. If not the transplantation cost provision with budgetary allocation shall be spelled out in the EIA report, with expertise of agency to undertake tree transplantation. Necessary clearance of Tamil Nadu Forest Department is mandated to consider this proposal of cutting or transplantation.</p> <p>5. The survey numbers, area, quantity, location of the borrow pits should be covered in EIA study. If not, separate EC shall be applied for borrow pits.</p> <p>6. Thorough bio-diversity study through accredited agencies which also includes water bodies, terrestrial bio-diversity etc to be furnished.</p>
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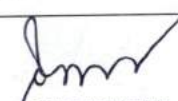

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		<ol style="list-style-type: none">7. How many bye passes are involved in the project8. As far as possible passing through wet lands and forest shall be avoided.9. In the places of crossing water bodies, formation of roads through filling shall be prevented.10. Sociological impacts shall be studied in detail.11. Details of impact on agriculture, economy, etc shall be elaborated.12. Hydrological studies shall be conducted and detailed report to be furnished.13. The details of employment potential and dynamics of social change shall be furnished.14. Loss of rivers, water bodies, etc may be furnished.15. Details of pollution aspects which include possible increase in carbon-di-oxide and climate change possibilities if any shall be discussed in detail.16. Whether there shall be any crushing unit to be proposed. If so that shall be included in the EIA study. Guidelines for crushing unit should be strictly observed.
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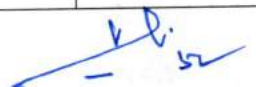
		<p>17. Vibrations, noise studies shall be studied in detail.</p> <p>18. The bluemetal shall be procured from the approved quarry only.</p> <p>19. Cross section of the road at various points mentioning each layer shall be furnished.</p> <p>20. The impacts on EIA study shall be elaborated with research studies / simulations as follows:</p> <p>a) Social</p> <ul style="list-style-type: none">• Agricultural• Traffic flow• Rural lifestyle changes• Public Health• Impact on local health <p>b) Ecological</p> <ul style="list-style-type: none">• Soil• Water bodies (Hydrology)• Bio-diversity• Forests• Birds• Micro flora/fauna• Lakes• Pollution <p>c) Economical</p> <ul style="list-style-type: none">• Market changes• Business disruption• Employment benefits
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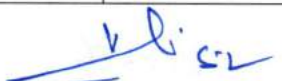
			<p>d) Anthropological</p> <ul style="list-style-type: none"> • Family • Community <p>21. The anticipated time for completion of the project with EMP and clearances from Authorities like MoEF & CC, TNFD, and Wetland Authority may be furnished.</p> <p>22. The EIA study report shall be strictly as per the guideline manual prepared by the MoEF & CC.</p>
3.	To consider the proposal for Amendment in Environmental Clearance for the Proposed Expansion of South of South Limestone Mine over an extent of 44.805 Ha; Existing Production 0.105 MTPA & Proposed Production 1.00 MTPA ROM In Parts of 83, 84, 91-94, 110-112 & 115 - 118, of Manakudayan Village, Sendurai Taluk, Ariyalur District By M/s. Ramco Cements Limited.	2160	Discussed in detail, the Authority decided to amend the Survey numbers.
4.	To consider the proposal for the grant of ToR for the proposed Limestone Mine over an extent of 1.01.50 ha by M/s. Govindharajapattinam Human Power and Social Development Society for Limestone production of 316512 Tonnes for a period of 5 years at S.F.No. 15/1A part & 17/4 in Vayalapadi Village, Kunnam Taluk, Perambalur District.	6262	Discussed in detail, the Authority decided to issue ToR subject to inclusion of the following points in the EIA Report. <ol style="list-style-type: none"> 1. EIA study shall match proposed mining plan. 2. Details of EMP compliance for the existing activities shall be furnished. 3. Copy of the consent for establishment, consent to operate and latest renewal obtained from the TNPCB.


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			<ol style="list-style-type: none"> 4. Details of study on social impact. 5. EIA report should strictly follow the EIA mining manual. 6. Detail plan on rehabilitation and reclamation carried out for the establishment of the existing and proposed may be detailed. 7. Details on Bio diversity plan. 8. The EIA study report shall include the surrounding mining activity. 9. 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.	<p>To consider the proposal for the grant of ToR for the proposed Limestone Mine over an extent of 4.92.5 ha by M/s. Parveen Mines and Minerals for Limestone production of 46974 Tonnes for a period of 5 years (2013-2018) at S.F.No. 112/2B(P), 112/4(P), 113/4F, 113/4G, 113/4I, 115/3, 115/4(P), 115/5, 116/2, 116/1(P) in Perali Village, Kunnam Taluk, Perambalur District.</p>	6334	<p>Discussed in detail, the Authority decided to issue ToR subject to inclusion of the following points in the EIA Report.</p> <ol style="list-style-type: none"> 1. EIA study shall match proposed mining plan. 2. Details of EMP compliance for the existing activities shall be furnished. 3. Copy of the consent for establishment, consent to operate and latest renewal obtained from the TNPCB. 4. Details of study on social impact. 5. EIA report should strictly follow the EIA mining manual. 6. Detail plan on rehabilitation and reclamation carried out for the establishment of the existing and


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			<p>proposed may be detailed.</p> <p>7. Details on Bio diversity plan.</p> <p>8. The EIA study report shall include the surrounding mining activity.</p> <p>9. Modelling study for Air, Water and noise shall be carried out and incremental increase in the above study shall be substantiated with mitigation measures.</p>
6.	<p>To consider the proposal for the grant of EC for the proposed Construction of 1824 Slum Tenements by the Executive Engineer, Tamil Nadu Slum Clearance Board, Tiruppur Division, Coimbatore at S.F.No. 2/2, Nallagoundampalayam Village, Erode Taluk, Erode District, Tamilnadu</p>	6484	<p>Discussed in detail, the Authority decided to issue EC subject to the following additional conditions:</p> <ol style="list-style-type: none"> 1. The project proponent shall adopt dual plumbing system for the proposed project. 2. The project activities shall not disturb the bio diversity of the area as reported in anyway. 3. The project proponent shall identify additional 15 Ha of land for the disposal of excess treated sewage, in addition to the already procured 32Ha of agricultural land exclusively for rotation of land and shall have MOU with the land owners for a period of 5 years. 4. The Project Proponent has to provide rain water harvesting collection tank to the capacity


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		<p>of 200 cu.m in order to recover and reuse the rain water during normal rains.</p> <ol style="list-style-type: none">5. There should be Fire fighting plan and all required safety plan.6. The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.7. The Proponent shall carry out afforestation / restoration programme contemplated to maintain the environmental and ecological health, the open spaces shall preferably be planted with native species along with the financial forecast for planting and maintenance for 5 years.8. The EMP cost shall be deposited in a Nationalised bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.9. A disaster management plan should be in place in case of emergency
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