

## Minutes of EAC Meeting

**Subject:-** 133 SEAC Agenda

**Venue:-** SEAC CONFERENCE HALL

**From :-** 24 Aug 2019

**To :-** 24 Aug 2019

Date :- **30 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/37405/2018** File No- **1194/2018**

Type- **EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/TN/MIN/37405/2018** dated **06 Jun 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 **Ajjanahalli Black Granite Quarry over an extent of 8.98.5 Ha** of M/s **M/S. TAMIL NADU MINERALS LIMITED** located in Village State **Tamil Nadu** was initially received in the Ministry on **09 Apr 2018** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **109th SEAC meeting** th/nd/rd meeting held between **26 Apr 2018** to **26 Apr 2018** 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 **09 Apr 2018**

### **PROJECT DETAILS**

The project of M/s **M/S. TAMIL NADU MINERALS LIMITED** located in as follows :

<b>State of the project</b>				
<b>S. No.</b>	<b>State</b>	<b>District</b>	<b>Tehsil</b>	<b>Village</b>
(1.)	Tamil Nadu	Dharmapuri	Pennagaram	Ajjanahalli

The production details / project configuration is as follows :

<b>Project configuration/product details</b>						
<b>S. No.</b>	<b>Project configuration/product details</b>	<b>Quantity</b>	<b>Unit</b>	<b>Other Unit</b>	<b>Mode of Transport/Transmission of Product</b>	<b>Other Mode of Transport</b>
(1.)	Black Granite	235373	9	M3	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.)	Diesel	0.2	4		Local	Road		8

### **DELIBERATION IN EAC**

After detailed deliberations, the committee observed:- **1. The Quarry lease was issued in the name of M/s TAMIN Limited by the Principle Secretary to Government, Industries Department, Chennai, vide Letter. No. G.O. (3D) No. 02 dated 04/01/2011 for a period of 30 years to quarry black granite over an extent of 8.98.5 Hectares in S.F.No 883 (Part) of Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District. 2.2. The unit was issued ToR under violation category vide Lr No .SEIAA-TN/F.No.1194/ToR-379/2018 dated 22/05/2018 4. Lease applied area is not covered under HACA region. 5. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area 6.1. The Proponent, M/s. Tamil Nadu Minerals Limited has applied for Environmental Clearance to SEIAA-TN for the existing Black Granite Quarry over an extent of 8.98.5 Ha at S.F. No. 883(Part), Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District, Tamil Nadu. 7. The project/activity is covered under Category 'B1' of Item 1(a) 'Mining Projects' of the Schedule to the EIA Notification, 2006. Based on the presentation made by the proponent and the documents furnished. The SEAC decided to call for following details from the project proponent: 8. The project proponent shall furnish photographs showing fencing provided around the project site for the safety of animals and men 9.The project proponent shall furnish photographs showing Green belt development in the project site**

### **RECOMMENDATIONS OF EAC**

The committee's recommendation: **1.The project proponent shall furnish revised water consumption details including for greenbelt development\ 2.The project proponent shall furnish the plan and proposal for waste dumping and handling in the project site 3.The project proponent shall furnish valid mining plan obtained from Assistant Director, Geology and Mining. 4.The project proponent shall furnish valid mining plan obtained from Assistant Director, Geology and Mining. The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 5)rom the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Based on the inspection report and the data furnished for S.No. 1 to 5 stated above, SEAC would further deliberate on this project and decide the further course of action.**

### **Conclusion**

#### **SiteVisit**

<b>Member Secretary Condition</b>	
<b>Specific Condition</b>	
<b>S.No</b>	<b>Condition</b>
(1)	1. The project proponent shall furnish photographs showing fencing provided around the project site for the safety of animals and men
(2)	2. The project proponent shall furnish photographs showing Green belt development in the project site

(3)	4. The project proponent shall furnish the plan and proposal for waste dumping and handling in the project site
(4)	5. The project proponent shall furnish valid mining plan obtained from Assistant Director, Geology and Mining.
(5)	5. The project proponent shall furnish valid mining plan obtained from Assistant Director, Geology and Mining. The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 5) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Based on the inspection report and the data furnished for S.No. 1 to 5 stated above, SEAC would further deliberate on this project and decide the further course of action.
(6)	3. The project proponent shall furnish revised water consumption details including for greenbelt development

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 :- **30 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/37418/2018** File No- **4396/2018**

Type- **EC**

## **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/TN/MIN/37418/2018** dated **07 Jun 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 **Arasiramani Color Granite Quarry Over and Extent of 16.12.0 Ha.** of M/s **M/S. TAMIL NADU MINERALS LIMITED** located in Village State **Tamil Nadu** was initially received in the Ministry on **09 Apr 2018** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **110th SEAC meeting** th/nd/rd meeting held between **04 May 2018 to 04 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 **09 Apr 2018**

## **PROJECT DETAILS**

The project of M/s **M/S. TAMIL NADU MINERALS LIMITED** located in as follows :

<b>State of the project</b>				
<b>S. No.</b>	<b>State</b>	<b>District</b>	<b>Tehsil</b>	<b>Village</b>
(1.)	Tamil Nadu	Salem	Sankari	Arasiramani

The production details / project configuration is as follows :

<b>Project configuration/product details</b>						
<b>S. No.</b>	<b>Project configuration/product details</b>	<b>Quantity</b>	<b>Unit</b>	<b>Other Unit</b>	<b>Mode of Transport/Transmission of Product</b>	<b>Other Mode of Transport</b>
(1.)	Color granite	181612	9	m3	Road	

Raw Material Requirement is as follows :

<b>Raw Material Requirement details</b>								
<b>S. No.</b>	<b>Item</b>	<b>Quantity per annum</b>	<b>Unit</b>	<b>Other Unit</b>	<b>Source</b>	<b>Mode of Transport/Transmission of Product</b>	<b>Other Mode of Transport</b>	<b>Distance of Source from Project Site(Kilometers)</b>
(1.)	Diesel	0.2	4		Source	Road		13

#### **DELIBERATION IN EAC**

After detailed deliberations, the committee observed:- **1. The Proponent, M/s.Tamil Nadu Minerals Limited has applied for Environmental Clearance to SEIAA-TN for the existing Black Granite Quarry over an extent of 16.12.0 Ha at S.F. No.516/1,518/4 & 534, Arasiramani Village, Sankari Taluk, Salem District. 2. The project/activity is covered under Category 'B1' of Item 1(a) 'Mining Projects' of the Schedule to the EIA Notification, 2006. 3. The Public hearing minutes both in English and Tamil was received from the TNPCB vide Lr.No.T2/TNPCB/F.5674/PH/KMP/2019 dated 13.04.2019.**

#### **RECOMMENDATIONS OF EAC**

The committee's recommendation: **1.1. The project proponent shall furnish photographs showing fencing provided around the project site for the safety of animals and men 2. The project proponent shall furnish photographs showing Green belt development in the project site 3. The project proponent shall furnish revised water consumption details including for greenbelt development 4. The project proponent shall furnish the plan and proposal for waste dumping and handling in the project site 5. The project proponent shall furnish valid mining plan obtained from Assistant Director, Geology and Mining 6.The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 5) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC. Based on the inspection report and the data furnished for S.No. 1 to 5 stated above, SEAC would further deliberate on this project and decide the further course of action.**

#### **Conclusion**

**SiteVisit**

**Member Secretary Condition**

**Specific Condition**

S.No	Condition
(1)	2. The project/activity is covered under Category "B1" of Item 1(a) "Mining Projects" of the Schedule to the EIA Notification, 2006.
(2)	3. The project proponent shall furnish photographs showing fencing provided around the project site for the safety of animals and men
(3)	1. The Proponent, M/s.Tamil Nadu Minerals Limited has applied for Environmental Clearance to SEIAA-TN for the existing Black Granite Quarry over an extent of 16.12.0 Ha at S.F. No.516/1,518/4 & 534, Arasiramani Village, Sankari Taluk, Salem District.
(4)	The project proponent shall furnish valid mining plan obtained from Assistant Director, Geology and Mining
(5)	The project proponent shall furnish revised water consumption details including for greenbelt development
(6)	1. The project proponent shall furnish photographs showing fencing provided around the project site for the safety of animals and men
(7)	4. The project proponent shall furnish the plan and proposal for waste dumping and handling in 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 :- **30 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIN/40956/2018** File No- **6730/2019**

Type- **EC**

## **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/TN/MIN/40956/2018** dated **09 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 **Pappankulam white Granite Quarry** of M/s **M/S. TAMIL NADU MINERALS LIMITED** located in Village State **Tamil Nadu** was initially received in the Ministry on **02 Jun 2018** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **128TH SEAC** th/nd/rd meeting held between **15 Apr 2019** to **16 Apr 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 Jun 2018**

## **PROJECT DETAILS**

The project of M/s **M/S. TAMIL NADU MINERALS LIMITED** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Tirunelveli	Ambasamudram	Pappankulam Village

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.)	White Granite	3100	9	Cubic meter	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.)	Diesel	120	1		Local	Road		12

### **DELIBERATION IN EAC**

After detailed deliberations, the committee observed:- **The Proponent, M/s. Tamil Nadu Minerals Limited has applied for Environmental Clearance in their letter dated 08.08.2019 received to SEIAA-TN on 19.08.2019 for the existing White Granite Quarry over an extent of 9.21 Ha in Pappankulam Village, Ambasamudram Taluk, Thirunelveli District, Tamilnadu. The Public hearing minutes both in English and Tamil was received from the TNPCB vide Lr.No.F-TNV1452 (PH)/2015 dated 03.09.2016. The proposal was placed in this 133rd SEAC Meeting held on 24.08.2019. The project proponent gave detailed presentation. The salient features of the project and the environmental impact assessment as presented by the proponent are as follows: 1. The Quarry lease was issued in the name of M/s. Tamil Nadu Minerals Limited by the Principle Secretary to Government, Industries Department, Chennai, vide Letter. No. G.O. Ms.No.95 dated 19/07/2005 for a period of 30 years to quarry black granite over an extent of 9.21.0 Ha at S.F. No.2, Pappankulam Village, Ambasamudram Taluk, Tirunelveli District 2. The unit was issued ToR under violation category vide Lr No .SEIAA-TN/F.No.6730/ToR-625/2018 dated 21/06/2019. 3. Quarrying Operation will be done by Opencast Semi Mechanised method. 4. Lease applied area is not covered under HACA region. 5. No Coastal Regulation Zone (CRZ) within the radius of 10km from the lease area. 6. No Interstate boundary & Western Ghats Boundary within the radius of 5km from the lease area. 7. Wild Life Sanctuary –Kalakad-Mundanthurai Tiger Sanctuary is located 2.78km (As per Amendment EIA Notification S.O 3933 (E), 18th Dec 2017, General condition is not applicable for B2 Category) 8. No critically polluted area as notified by the Central Pollution Control Board constituted under Water (Prevention and Control of Pollution) Act 1974 within the radius of 5km from the lease area.**

### **RECOMMENDATIONS OF EAC**

The committee's recommendation: **Based on the presentation made by the proponent and the documents furnished. The SEAC decided to call for following details from the project proponent: 1. The project proponent shall furnish photographs showing fencing provided around the project site for the safety of animals and men 2. The project proponent shall furnish photographs showing Green belt development in the project site 3. The project proponent shall furnish revised water consumption details including for greenbelt development. 4. The project proponent shall furnish the plan and proposal for waste dumping and handling in the project site. 5. The project proponent shall furnish valid mining plan obtained from Assistant Director, Geology and Mining.**

### Conclusion

**Deferred**

### **Member Secretary Condition**

### **Specific Condition**

<b>S.No</b>	<b>Condition</b>
(1)	The project proponent shall furnish revised water consumption details including for greenbelt development.
(2)	The project proponent shall furnish photographs showing fencing provided around the project site for the safety of animals and men
(3)	The project proponent shall furnish valid mining plan obtained from Assistant Director, Geology and Mining
(4)	The project proponent shall furnish the plan and proposal for waste dumping and handling in the project site
(5)	The project proponent is requested to submit the aforesaid details to SEIAA-TN. On receipt of above details (Sl.No. 1 to 5) from the project proponent, SEAC decided to make an on - the - spot inspection to assess the present status of the site by the sub-committee constituted by the SEAC
(6)	2. The project proponent shall furnish photographs showing Green belt development in the project site

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 ----- .

Date :- **30 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIS/107040/2019** File No- **7079**

Type- **EC**

### INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIS/107040/2019** dated **07 Jun 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.

#### **PROJECT DETAILS**

The project of M/s **STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Tiruchirappalli	Manapparai	Kannudaiyampatti

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.)	435.866	2	3		Road,Rail,Conveyor Belt,Pipe Conveyor,Arial Ropeway	

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.)	Not Applicable	0	1		Nil	Road,Rail,Conveyor Belt,Pipe Conveyor		10

#### **DELIBERATION IN EAC**

After detailed deliberations, the committee observed:- **Based on the presentation made by the proponent, the SEAC Members interacted with the proponent about the project. The SEAC Members insisted that certain essential utilities like solid waste management, industrial effluent treatment and Storm water drainage should be the responsibility of the SIPCOT. Similarly, the SIPCOT should ensure that apart from the common green belt created by SIPCOT, the industries should create additional green belt so that the total green belt area adds up to 33 %. The SEAC was also informed that source of water for the project will be Cauvery Water supply system. Since the material contained in the reply furnished has not been incorporated in the prefeasibility report already submitted and the SEAC Members have made a few suggestions for consideration of SIPCOT, the SEAC directed the SIPCOT to revise the prefeasibility report and submit the same to SEAC on 28.06.2018. Accordingly, the SIPCOT submitted the revised prefeasibility report which was perused by the SEAC. Based on the deliberation stated above, the SEAC decided to recommend the proposal**



to create Manaparai SIPCOT Park by M/s. State Industries Promotion Corporation of Tamil Nadu Limited at S.F. No. (Annexure "I) of Kannudaiyanpatty, K. Peryapatty (N) and Chattirapatty Villages , Manaparai Taluk, Trichy District. The ToR recommended will be the standard ToR applicable to projects governed under category 8(b), Township & Area Development Projects. The MoEF & CC has already issued guidelines (February 2010 Annexures I & II) for preparing the EIA report for Township & Area Development Projects and the proponent should be directed to strictly follow the guidelines and modify as necessary to suit the Industrial park in the place of Township & Area Development Projects. This recommendation is also subject to the fulfilment of the following conditions:

### **RECOMMENDATIONS OF EAC**

The committee's recommendation: 1. The Proponent, M/s .State Industries Promotion Corporation of Tamil Nadu has applied for Environmental Clearance to SEIAA-TN for the Construction of Manaparai SIPCOT Park in S.F No. (Annexure "I) of Kannudaiyanpatty, K. Peryapatty (N) and Chattirapatty Villages, Manaparai Taluk, Trichy District, Tamil Nadu. 2. The project/activity is covered under Category "B" of Item 8(b) "Township and area development Projects" of the Schedule to the EIA Notification, 2006. 3. ToR issued vide letter No SEIAA-TN/F.No.6496/2018/8(b)/ToR-507/2018 Dated: 16.07.2018 Based on the presentation made by the proponent and the documents furnished. The SEAC decided to call for following additional details from the project proponent: The project proponent has not furnished proper reply or documents for the Terms of Reference already issued to the project proponent for the said proposal vide letter No SEIAA-TN/F.No.6496/2018/8(b)/ToR-507/2018 Dated: 16.07.2018. The details are given as below: a) The SIPCOT must submit land ownership document for the proposed project (436.05 Ha) along with the EIA report. The proponent has enclosed the copy of the G.O.No (Ms) No.94 dated 14.05.2013. The Above G.O does not specify the Survey No (Annexure "I) proposed by the project proponent while issuing Terms of Reference. Hence, the relevant document for the ownership of the above land to SIPCOT shall be furnished. b) The SIPCOT must submit permissible land use classification certificate obtained from competent authority for the proposed project (436.05 Ha) along with the EIA report. For this also the proponent has enclosed the copy of the G.O.No (Ms) No.94 dated 14.05.2013. As requested in the Terms of Reference, the proponent is requested to submit the permissible land use classification certificate from the DTCP for the Survey No (Annexure "I) for the proposed SIPCOT park. c) The proponent should furnish the layout plan showing the green belt area with dimensions & DGPS (Differential Global Positioning System) co-ordinates of areas allocated for green belt (33%) and shall be provided along with the EIA report. The proponent has furnished the green belt break up in the tabular form given below: Sl.No. Description Area (Hectares) 1. By SIPCOT outside the plot area 43.64 2. By SIPCOT along the Road sides and Central meridian 5.69 3. By Member Industries (30 % of the total plot area allotted to Member Industries) i.e 30% of 331.55 Ha 99.47 Total 148.80 Percentage of Green Belt among Total Area of Industrial Park i.e 436.05 hectares 34.12% Along with layout plan of the SIPCOT park in their EIA report annexure -8. It was noted from the layout plan that the Green Belt area allotted has following: i) Outside plot area (OSR) - 43.64 Ha ii) By SIPCOT along the Road sides and Central meridian " 5.69 Ha But not shown Member Industries (30 % of the total plot area allotted to Member Industries) i.e 30% - 331.55 Ha in the layout plan . The proponent was requested to revise the land break up details for the Green belt development for 33% of total project area (excluding the member industrial unit) and revised layout for the Green belt shall be furnished with dimensions and GPS co-ordinates. d) Storm water management study shall be carried out engaging the services of reputed institutions. The proponent has informed that college of Engineering, Anna University will be involved to study the storm water management and the finding will be incorporated in designing of Storm water management system. The aforesaid reply was not acceptable. Since, Terms of Reference was issued requesting that "Storm water management study shall be carried out engaging the services of reputed institutions along with the EIA report. But, the proponent has not furnished. Hence, request to submit the said report. e) Detailed biodiversity study has to be carried out by the proponent engaging the services of reputed institutions. The proponent has furnished that "There is no specific biodiversity in the impact area of the proposed IP. However, SIPCT will initiate such study before any project activity." As per the Terms of Reference, the proponent has to study the biodiversity by engaging the services of reputed institutions and furnish the report along with the EIA. In addition to that the project

proponent is requested to furnish the following details: f) The unit shall furnish water balance and furnish proposal for installation of STP with design adequacy along with scheme for recycling the treated sewage. g) The project proponent shall demark the Inlet canals to the nearby water body and shall furnish the plan and layout for the Storm Water Management. h) The project proponent shall furnish the AAQ survey stating the period of survey with photographs. i) Provisional approval for the source of water supply from competent authority shall be furnished. j) The project proponen

## Conclusion

### **Recommended**

and also enclosed as **Annexture-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 ----- .

Date :- **30 Sep 2019**

(1.) Proposal No. :- **SIA/TN/MIS/37652/2018** File No- **6497/2018**

Type- **EC**

## INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIS/37652/2018** dated **12 Jun 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 **Tindivanam Industrial Park** of M/s **STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU** located in Village State **Tamil Nadu** was initially received in the Ministry on **01 Feb 2018** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Infrastructure and Miscellaneous Projects Â + Â CRZ) [EAC] during its **323** th/nd/rd meeting held between **16 Jul 2018** to **16 Jul 2018** 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 Feb 2018**

## PROJECT DETAILS

The project of M/s **STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Viluppuram	Tindivanam	Venmaniyathur

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.)	291.60	1	3		Road,Rail,Conveyor Belt	

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.)	Based on Member Industries	0	9	NA	Nil	Road,Rail,Conveyor Belt		10

### **DELIBERATION IN EAC**

After detailed deliberations, the committee observed:- **The SEAC noted the following: 1. The Proponent, M/s. State Industries Promotion Corporation of Tamil Nadu has applied for Environmental Clearance to SEIAA-TN for the Construction of Thindivanam SIPCOT Park in S.F No. 45, 46, etc of Pelakuppam, Kollar, Venmaniyathur Villages, Thindivanam Taluk, Villupuram District, Tamil Nadu. 2. The project/activity is covered under Category "B" of Item 8(b) "Township and area development Projects" of the Schedule to the EIA Notification, 2006. 3. ToR was issued vide SEIAA-TN/E.No.6497/2018/8(b)/ToR-506/2018 Dated: 16.07.2018**

### **RECOMMENDATIONS OF EAC**

The committee's recommendation: **1. The Proponent, M/s. State Industries Promotion Corporation of Tamil Nadu has applied for Environmental Clearance to SEIAA-TN for the Construction of Thindivanam SIPCOT Park in S.F No. 45, 46, etc of Pelakuppam, Kollar, Venmaniyathur Villages, Thindivanam Taluk, Villupuram District, Tamil Nadu. 2. The project/activity is covered under Category "B" of Item 8(b) "Township and area development Projects" of the Schedule to the EIA Notification, 2006. 3. ToR was issued vide SEIAA-TN/E.No.6497/2018/8(b)/ToR-506/2018 Dated: 16.07.2018 Based on the presentation made by the proponent and the documents furnished. The SEAC decided to call for following additional details from the project proponent: The project proponent has not furnished proper reply or documents for the Terms of Reference already issued to the project proponent for the said proposal vide letter No SEIAA-TN/E.No.6497/2018/8(b)/ToR-506/2018 Dated: 16.07.2018. The details are given as below: a) The SIPCOT must submit land ownership document for the proposed project (291.60.5 Ha) along with the EIA report. The proponent has enclosed the copy of the G.O.No (Ms) No.176 dated 16.12.2010. The Above G.O does not specify the Survey No: 1, 2, 3, 4, 5, 6, 10pt, 13pt, 14, 15, 16, 17, 18, 19, 20, 21pt, 22/1, 2, 32, 33, 34, 35, 36, 37, 38pt, 39, 40, 41,42,43/1pt, 2, 45, 46, 47, 48/1, 49, 50, 51, 52, 53, 54, 55, 56, 57, 60, 61/1, 2,3pt, 62, 63, 64, 118, 120, 121, 123, 125, 126, 129 of Pelakuppam Village, 46pt, 47pt, 48pt, 50pt, 51, 52pt, 53pt of Venmaniyathoor Village, 181pt, 182, 183, 184, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 212, 213pt, 214, 237, 244, 245 & 246pt of Kollar Village, Thindivanam Taluk, Villupuram District for the proposed by the project proponent while issuing Terms of Reference. Hence, the relevant**

document for the ownership of the above land to SIPCOT shall be furnished. b) The SIPCOT must submit permissible land use classification certificate obtained from competent authority for the proposed project (291.60.5 Ha) along with the EIA report. For this also the proponent has enclosed the copy of the G.O.No (Ms) No.176 dated 16.12.2010. As requested in the Terms of Reference, the proponent is requested to submit the permissible land use classification certificate from the DTCP for the Survey No: 1, 2, 3, 4, 5, 6, 10pt, 13pt, 14, 15, 16, 17, 18, 19, 20, 21pt, 22/1, 2, 32, 33, 34, 35, 36, 37, 38pt, 39, 40, 41,42,43/1pt, 2, 45, 46, 47, 48/1, 49, 50, 51, 52, 53, 54, 55, 56, 57, 60, 61/1, 2,3pt, 62, 63, 64, 118, 120, 121, 123, 125, 126, 129 of Pelakuppam Village, 46pt, 47pt, 48pt, 50pt, 51, 52pt, 53pt of Venmaniyathoor Village, 181pt, 182, 183, 184, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 212, 213pt, 214, 237, 244, 245 & 246pt of Kollar Village, Thindivanam Taluk, Villupuram District for the proposed SIPCOT park. c) The proponent should furnish the layout plan showing the green belt area with dimensions & DGPS (Differential Global Positioning System) co-ordinates of areas allocated for green belt (33%) and shall be provided along with the EIA report. The proponent has furnished the green belt break up in the tabular form given below:

Sl.No.	Description	Area (Hectares)
1.	By SIPCOT outside the plot area	29.16
2.	By SIPCOT along the Road sides and Central meridian	4.95
3.	By Member Industries (30 % of the total plot area allotted to Member Industries) i.e. 30% of 218.70 Ha	65.61
<b>Total</b>	<b>Percentage of Green Belt among Total Area of Industrial Park i.e. 291.60 hectares</b>	<b>34.20%</b>

Along with layout plan of the SIPCOT park in their EIA report annexure -8. It was noted from the layout plan that the Green Belt area allotted has following: i) Outside plot area (OSR) - 43.64 Ha ii) By SIPCOT along the Road sides and Central meridian 5.69 Ha But not shown Member Industries (30 % of the total plot area allotted to Member Industries) i.e 30% - 65.61 Ha in the layout plan . The proponent is requested to revise the land break up details for the Green belt development for 33% of total project area (excluding the member industrial unit) and revised layout for the Green belt shall be furnished with dimensions and GPS co-ordinates. d) Storm water management study shall be carried out engaging the services of reputed institutions. The proponent has informed that college of Engineering, Anna University will be involved to study the storm water management and the finding will be incorporated in designing of Storm water management system. The aforesaid reply was not acceptable. Since, Terms of Reference was issued requesting that “Storm water management study shall be carried out engaging the services of reputed institutions along with the EIA report. But, the proponent has not furnished. Hence, request to submit the said report. e) Detailed biodiversity study has to be carried out by the proponent

## **Conclusion**

**Deferred**

<b>Member Secretary Condition</b>	
<b>Specific Condition</b>	
<b>S.No</b>	<b>Condition</b>
(1)	Provisional approval for the source of water supply from competent authority shall be furnished
(2)	Detailed biodiversity study has to be carried out by the proponent engaging the services of reputed institutions. The proponent has furnished that “There is no specific biodiversity in the impact area of the proposed IP. However, SIPCOT will initiate such study before any project activity.” As per the Terms of Reference, the proponent has to study the biodiversity by engaging the services of reputed institutions and furnish the report along with the EIA.
(3)	In addition to that the project proponent is requested to furnish the following details: f) The unit shall furnish water balance and furnish proposal for installation of STP with design adequacy along with scheme for recycling the treated sewage.
(4)	The project proponent shall demark the Inlet canals to the nearby water body and shall furnish the plan and layout for the Storm Water Management

(5)	The project proponent shall furnish the details on power requirements and DG Sets to be installed
(6)	Along with layout plan of the SIPCOT park in their EIA report annexure -8. It was noted from the layout plan that the Green Belt area allotted has following: i) Outside plot area (OSR) - 43.64 Ha ii) By SIPCOT along the Road sides and Central meridian 5.69 Ha But not shown Member Industries (30 % of the total plot area allotted to Member Industries) i.e 30% - 65.61 Ha in the layout plan . The proponent is requested to revise the land break up details for the Green belt development for 33% of total project area (excluding the member industrial unit) and revised layout for the Green belt shall be furnished with dimensions and GPS co-ordinates.
(7)	The project proponent shall furnish the AAQ survey stating the period of survey with photographs
(8)	The SIPCOT must submit permissible land use classification certificate obtained from competent authority for the proposed project (291.60.5 Ha) along with the EIA report. For this also the proponent has enclosed the copy of the G.O.No (Ms) No.176 dated 16.12.2010. As requested in the Terms of Reference, the proponent is requested to submit the permissible land use classification certificate from the DTCP for the Survey No: 1, 2, 3, 4, 5, 6, 10pt, 13pt, 14, 15, 16, 17, 18, 19, 20, 21pt, 22/1, 2, 32, 33, 34, 35, 36, 37, 38pt, 39, 40, 41,42,43/1pt, 2, 45, 46, 47, 48/1, 49, 50, 51, 52, 53, 54, 55, 56, 57, 60, 61/1, 2,3pt, 62, 63, 64, 118, 120, 121, 123, 125, 126, 129 of Pelakuppam Village, 46pt, 47pt, 48pt, 50pt, 51, 52pt, 53pt of Venmaniyathoor Village, 181pt, 182, 183, 184, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 212, 213pt, 214, 237, 244, 245 & 246pt of Kollar Village, Thindivanam Taluk, Villupuram District for the proposed SIPCOT park.
(9)	The project proponent shall furnish the plan and layout for the Rainwater Harvesting
(10)	The SIPCOT must submit land ownership document for the proposed project (291.60.5 Ha) along with the EIA report. The proponent has enclosed the copy of the G.O.No (Ms) No.176 dated 16.12.2010. The Above G.O does not specify the Survey No: 1, 2, 3, 4, 5, 6, 10pt, 13pt, 14, 15, 16, 17, 18, 19, 20, 21pt, 22/1, 2, 32, 33, 34, 35, 36, 37, 38pt, 39, 40, 41,42,43/1pt, 2, 45, 46, 47, 48/1, 49, 50, 51, 52, 53, 54, 55, 56, 57, 60, 61/1, 2,3pt, 62, 63, 64, 118, 120, 121, 123, 125, 126, 129 of Pelakuppam Village, 46pt, 47pt, 48pt, 50pt, 51, 52pt, 53pt of Venmaniyathoor Village, 181pt, 182, 183, 184, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 212, 213pt, 214, 237, 244, 245 & 246pt of Kollar Village, Thindivanam Taluk, Villupuram District for the proposed by the project proponent while issuing Terms of Reference. Hence, the relevant document for the ownership of the above land to SIPCOT shall be furnished.
(11)	On receipt of the above details, SEAC will decide the further course of action on the proposal.
(12)	Storm water management study shall be carried out engaging the services of reputed institutions. The proponent has informed that college of Engineering, Anna University will be involved to study the storm water management and the finding will be incorporated in designing of Storm water management system. The aforesaid reply was not acceptable. Since, Terms of Reference was issued requesting that Storm water management study shall be carried out engaging the services of reputed institutions along with the EIA report. But, the proponent has not furnished. Hence, request to submit the said report
(13)	Based on the presentation made by the proponent and the documents furnished. The SEAC decided to call for following additional details from the project proponent:
(14)	The project proponent shall demark the Inlet canals to the nearby water body and shall furnish the plan and layout for the Storm Water Management
(15)	The proponent should furnish the layout plan showing the green belt area with dimensions & DGPS (Differential Global Positioning System) co-ordinates of areas allocated for green belt (33%) and shall be provided along with the EIA report. The proponent has furnished the green belt break up in the tabular form given below: Sl.No. Description Area (Hectares) 1. By SIPCOT outside the plot area 29.16 2. By SIPCOT along the Road sides and Central meridian 4.95 3. By Member Industries (30 % of the

	total plot area allotted to Member Industries) i.e. 30% of 218.70 Ha 65.61 Total 99.72 Percentage of Green Belt among Total Area of Industrial Park i.e. 291.60 hectares 34.20%
(16)	) Provisional approval for the source of water supply from competent authority 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 ----- .

Date :- **30 Sep 2019**

(1.) Proposal No. :- **SIA/TN/NCP/98039/2019** File No- **6737/2019**

Type- **EC**

### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/TN/NCP/98039/2019** dated **08 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. ,**7(c) Industrial estates/ parks/ complexes/ areas, export processing Zones** , under Category "**B1** " of EIA Notification 2006 and the proposal is appraised at Central level.

### **PROJECT DETAILS**

The project of M/s **TAMIL NADU SLUM CLEARANCE BOARD DIVISION IV** located in as follows :

<b>State of the project</b>				
<b>S. No.</b>	<b>State</b>	<b>District</b>	<b>Tehsil</b>	<b>Village</b>
(1.)	Tamil Nadu	Tiruvallur	Ambattur	Athipattu
(2.)	Tamil Nadu	Tiruvallur	Ambattur	

The production details / project configuration is as follows :

<b>Project configuration/product details</b>						
<b>S. No.</b>	<b>Project configuration/product details</b>	<b>Quantity</b>	<b>Unit</b>	<b>Other Unit</b>	<b>Mode of Transport/Transmission of Product</b>	<b>Other Mode of Transport</b>
(1.)	Proposed Construction of 540 Tenements	20520	9	sqm	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.)	N/A	0	9	N/A	N/A	Road		0

**DELIBERATION IN EAC**

After detailed deliberations, the committee observed:- **The proposal was placed in the 133rd SEAC Meeting held on 25.08.2019. Based on the presentation made by the proponent and the documents furnished and after perusal of the above details, the SEAC decided to recommend the proposal for grant of Environment Clearance to SEIAA subject to following condition in addition to normal condition:**

**RECOMMENDATIONS OF EAC**

The committee's recommendation: **1. Solid waste generated from the project should be managed as per the solid waste management Rules, 2016. 2. The purpose of Green belt around residential buildings is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wild range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. If possible Miyawaki method of planting i.e planting different types of trees at very close escapement may be tried which will give a good green cover. A total of 15% of the plot area should be designated for green belt which should be raised along the boundaries of the plot and in between blocks in an organized manner. 3. The height of the stack of DG sets shall be provided as per the CPCB norms. 4. 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. 5. The project proponent has to get necessary permission from the competent Authority for the disposal of the excess treated sewage to the CMWSSB sewer line and for the water supply. 6. The details of the CER proposal as per Office Memorandum of MoEF & CC dated 01.05.2018 shall be furnished with time frame before placing the subject to SEIAA.**

**Conclusion**

**Recommended**

**Member Secretary Condition****Specific Condition**

S.No	Condition
(1)	The purpose of Green belt around residential buildings is to capture the fugitive emissions and to attenuate the noise generated, in addition to the improvement in the aesthetics. A wild range of indigenous plants species should be planted in and around the premise in consultation with the DFO, District / State Agriculture University. The plants species should have thick canopy cover, perennial green nature, native origin and large leaf areas. Medium size trees and small trees alternating with shrubs shall be planted. If possible Miyawaki method of planting i.e planting

	different types of trees at very close escapement may be tried which will give a good green cover. A total of 15% of the plot area should be designated for green belt which should be raised along the boundaries of the plot and in between blocks in an organized manner.
(2)	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.
(3)	The details of the CER proposal as per Office Memorandum of MoEF & CC dated 01.05.2018 shall be furnished with time frame before placing the subject to SEIAA
(4)	Solid waste generated from the project should be managed as per the solid waste management Rules, 2016
(5)	The height of the stack of DG sets shall be provided as per the CPCB norms
(6)	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.

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/41507/2019** File No- **6604**

Type- **TOR**

### **INTRODUCTION**

This has reference to your online application vide proposal no. **SIA/TN/MIN/41507/2019** dated **21 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 **SAIRAM MINING AND GEOLOGY CONSULTANCY** located in as follows :

<b>State of the project</b>			
<b>S. No.</b>	<b>State</b>	<b>District</b>	<b>Tehsil</b>
(1.)	Tamil Nadu	Tiruchirappalli	Srirangam



Town/Village : **Melur**

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/41507/2019**

### **DELIBERATION IN EAC**

After detailed deliberations, the committee observed:- **Based on the presentation made by the proponent and the documents furnished, the SEAC decided to recommend the proposal for the grant of Terms of Reference (ToR) to SEIAA with Public Hearing, subject to the following specific conditions in addition to the normal conditions as part of ToR:** 1. The details of the location to cover land use and ecologically sensitive areas. a. Details of wells in the vicinity, ground water tables and other surface water bodies in the vicinity. b. Thickness of Sand and its variation covering the entire area; similarly the width of the sand bed. c. Agricultural land if any, surrounding the quarry site. d. The composition of sand and other minerals present in the river bed. e. Details of the river bed. f. History of mining in the area shall be furnished. 2. Reclamation of the sand area after mining needs to be submitted. 3. Justification for usage of more poclains in individual sand mining areas to be given. 4. Adequate safety measures in the quarrying area with respect to poclains to be deployed. 5. Adequate plan for traffic management for the loaded vehicles passing through nearby habitation. 2. The impact of dust pollution and noise on the habitations nearby. 3. The PWD has to give scientific evidence for concluding that river sand depth is 1m. 4. The PWD has to furnish the details regarding agricultural activities that are taking place around the project area. 5. The details of the open/bore wells in the vicinity of the project site should be furnished. 6. Study the quality and quantity of ground water in 5km radius in the downstream of the project site. 7. Study the Impact of sand mining on the structures located in the nearby vicinity. 8. The route map for the Lorries for accessing the project area and for transporting mined sand should be specified

### **RECOMMENDATIONS OF EAC**

The committee's recommendation 9. The details regarding traffic volume in the vicinity of project area should be furnished. 1 To prevent dust pollution, suitable working methodology needs to be adopted taking wind direction into consideration. 2. A detail study shall be conducted on the impact of sand mining with the habitation and cultivation in the nearby area along the river bed and its mitigation measures. 3. The mining area must be demarcated leaving at least 50m from the river embankment on either side. 4. Contouring of the river bed has to be taken to ascertain the relative levels of sand in the river and also to suggest the depth of sand mining. 5. The EIA report should be as per the Guidelines for Sustainable Sand Mining issued in 2016 by the MoEF & CC, GOI, New Delhi. 6. Wherever irrigation channels take off from the river within the boundary of the mining project, the mining operation should not affect the flow of water in the irrigation channels. In such a way a plan of action should be submitted. 7. EMP should contain break up details such as tools, labor and environmental monitoring cost, cost for the ground water monitoring in the surrounding area shall be part of the EMP cost, variation of depth of ground water and quality shall be monitored during the project period by conducting survey once in 3 months. This cost shall also be included in EMP. 8. In addition to following details to be furnished. i. Quantity estimated to be mined through machineries with extent. ii. Quantity estimated to be mined through manual mining with extent. iii. Letter

from the AD/DD Mines about the details (Name of the Owner, S F No, Extent & distance from the boundary of this quarry) of other quarries (proposed/Existing/Abandoned quarries) within a radius of 1km from the boundary of the proposed quarry site. iv. Certificate from the Mining department stating that no other quarry will be proposed within 1km radius from the periphery of the site exceeding 25 ha within the lease period of this application including existing and abandoned quarries v. Certificate from the VAO stating the details of habitation located within 300 m radius from the boundary of the proposed site along with FMB sketch. vi. The project proponent has to furnish the affidavit stating that there are no bridges, culverts, cross masonaries, water head works or any other civil structures within 500 mts., of the proposed quarry site. vii. The RL Upstream, RL Downstream, RL Starting, RL Ending, Chainage Starting KM, Ending KM details shall be furnished. viii. Geological sections Map should be furnished. ix. 500m, 1KM & 5KM radius of clear Google Map showing all the features like agricultural activities, habitations, etc x. The self purification capacity of the river shall be furnished

#### **Conclusion**

#### **Recommended**

<b>General Condition</b>	
<b>S.No</b>	<b>Condition</b>
<b>Standard EC Conditions for Coke Oven Plants</b>	
<b>(1)</b>	<b>Water quality monitoring and preservation</b>
1	A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
2	Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modelling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
3	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. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

4	Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
5	Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
6	Details of litigation pending against the project, if any, with direction /order passed byany Court of Law against the Project should be given.
7	Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
8	Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
9	R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
10	The Action Plan on the compliance of the recommendations of the CAG as per Ministry's Circular No. J-11013/71/2016-IA.I (M), dated 25.10.2017 needs to be submitted at the time of appraisal of the project and included in the EIA/EMP Report.
11	The activities and budget earmarked for Corporate Environmental Responsibility (CER) shall be as per Ministry's O.M No 22-65/2017-IA. II (M) dated 01.05.2018 and the action plan on the activities proposed under CER shall be submitted at the time of appraisal of the project included in the EIA/EMP Report.
12	The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
13	Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
14	Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
15	Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
16	Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.

17	A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
18	A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
19	A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
20	A Disaster Management Plan shall be prepared and included in the EIA/EMP Report.
21	A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
22	All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
23	All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
24	Compliance of the Ministry's Office Memorandum No. F: 3-50/2017-IA.III (Pt.), dated 30.05.2018 on the judgment of Hon'ble Supreme Court, dated the 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India needs to be submitted and included in the EIA/EMP Report.
25	Department of Mining & Geology, State Government shall ensure that mining operation shall not commence till the entire compensation levied, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.
26	Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
27	Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land

	diversion for mining should have approval from State land use board or the concerned authority.
28	Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be.
29	Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
30	Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
31	Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
32	Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and BGL. A schematic diagram may also be provided for the same.
33	Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
34	Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
35	It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the proposed safeguard measures in each case should also be provided.
36	Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
37	Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly

	authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
38	Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
39	Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
40	One season (non-monsoon) [i.e. March -May (Summer Season); October -December (post monsoon season); December -February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
41	Proximity to Areas declared as "Critically Polluted" or the Project areas likely to come under the "Aravali Range", (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Dept. Should be secured and furnished to the effect that the proposed mining activities could be considered.
42	Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
43	Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
44	The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
45	The TOR will not be operational till such time the Project Proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.
46	The vegetation in the RF / PF areas in the study area, with necessary details, should be given.

47	The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
48	Year-wise production details since 1993-94 should be given, clearly stating the highest production achieved in any one year prior to 1993-94. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994. The production details need to submit since inception of mine duly authenticated by Department of Mines & Geology, State Government.

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/MIN/27659/2018** File No- **6477/2017**

Type Of Project  
: **Amendment**

#### **INTRODUCTION**

The proponent made online application vide proposal no. **SIA/TN/MIN/27659/2018** dated **04 Jun 2018** 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 **PROJECT PROPONENT** located in

State of the project			
S. No.	State	District	Tehsil

(1.)	Tamil Nadu	Vellore	Gudiyatham
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The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/TN/MIN/27659/2018**

### **DELIBERATION IN EAC**

After detailed deliberations, the committee observed:- **1.The SEIAA-TN asked for certain particulars from the proponent for which the proponent responded partially. 2.The proposal was placed in the 111st SEAC Meeting held on 16.05.2018. The Salient features of the project proposal are as follows: 1. The SIPCOT proposes to develop Thindivanm industrial Park exclusively for industries that are not covered under the EIA Notification, 2006 at the Pelakuppam, Kollar, Venmaniyathur Villages in an area of 291.60.50 ha. The Thindivanam industrial park is likely to accommodate General Engineering industries and all other such industries which are not under the purview of EIA Notification, 2006, which do not require Environmental Clearance. 3.2. Required water of 4 MLD will be sourced from treated domestic waste water from Thindivanam for the project. 4.3. Summary of land use pattern has been furnished which contain critical errors. The SEAC interacted with the proponent about the project proposal. The following are the summary of the discussion: 4.The proponent has furnished the type of industries likely to come up in the project. However, the number of industries (atleast approximately) likely to come up in the park has not been specified. The data regarding this aspect is very vital for assessing the possible environmental impacts and finalising the necessary environmental management measures required for the industries. Only with this data, it will be possible to foresee the type of environmental issues that will be coming up like air pollution, water pollution, solid waste, hazardous waste etc. Therefore, the proponent was directed to furnish the complete concept about the composition of the industrial project along with appropriate management plan. b) In the summary of land use pattern, the percentage land use for member industries, roads and storm water drains, common amenities and green belt add upto 124.35 % which cannot be more than 100%. This needs to be verified and revised. 5.Similarly the green belt area totally is said to be 34.35 % whereas the addition of the break up amounts to 41.7 %. This needs to be verified and revised 6.A layout plan showing the various features like the industrial plots, roads, drainage, and green belt should be furnished. 7..The SEAC decided to direct the proponent to revise the proposal to include the data and information as directed above and submit the revised proposal to the SEAC for further course of action. The above minutes was communicated to the project proponent vide SEIAA-TN letter dated: 21.05.2018. The proponent has furnished the reply vide their letter dated: 04.06.2018, received by the office on 05.06.2018. 7The original proposal along with the reply was placed in the 115th SEAC Meeting held on 27.06.2018. The features of the proposed industrial park as noted in the letter are as follows: 5. The industrial park is envisaged to accommodate the following industries which do not fall under A &B category as per EIA notification 2006 and amendments thereof: S.No. Type of Industries Approximate no. of units Area (in Hectares) 1 Engineering units such as fabrication, machining, forging, castings, etc 34 87.48 2 Auto components 21 54.68 3 Food Processing 17 43.74 4 Packaging Units 4 10.94 5 Other non polluting industries 9 21.87 Total 85 218.70 8.6. The land use pattern of the park is given here under: Sl.No. Description Area (in hectare) % of area 1 Plot area 218.70 75.0 2 Road and storm water**



drainage 19.83 6.8 3 Common amenities 4.37 1.5 4 Commercial activities 14.58 5 5 Green belt outside plot area 29.16 10.0 6 Green belt along roadside 4.95 1.7 Total 291.60 100

### **RECOMMENDATIONS OF EAC**

The committee's recommendation **1.The project proponent shall adopt manual mining operation only and transportation by bullock carts as committed. The validity of the said Environmental Clearance was stated as "The Environmental Clearance is granted to Mining of Sand quarry for the production quantity of 150000 cum of sand in Palar River for the period of One year from the date of execution of the mining lease period. 2.The project proponent shall adopt manual mining operation only and transportation by bullock carts as committed to "the project proponent shall adopt manual mining operation only and transportation of sand by Tractors/Lorry." All the other conditions imposed in the Environment Clearance vide Lr No SEIAA-TN/F.No.6477/EC/1(a)/3985/2018 dated 15.05.2018 are unaltered for Sand mining quarry in River Palar located at S.F.No. 958/2 (Part), Pasumathur Village, Gudiyatham Taluk, Vellore District.**

**Conclusion : Recommended**

Member Secretary Condition	
Specific Condition	
S.No	Condition
(1)	The project proponent shall adopt manual mining operation only and transportation by bullock carts as committed to "the project proponent shall adopt manual mining operation only and transportation of sand by Tractors/Lorry."
(2)	All the other conditions imposed in the Environment Clearance vide Lr No SEIAA-TN/F.No.6477/EC/1(a)/3985/2018 dated 15.05.2018 are unaltered for Sand mining quarry in River Palar located at S.F.No. 958/2 (Part), Pasumathur Village, Gudiyatham Taluk, Vellore District.

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 ----- .