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State Environment Impact Assessment Authority
West Bengal
Minutes of SEIAA Meeting
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Subject: **54th meeting of SEIAA (Reconstituted on 17.05.2023)**
Venue:- **Conference Room of West Bengal Pollution Control Board, Paribesh Bhawan, 10A, Block - LA, Sector-III, Bidhannagar, Kolkata-700106.**
From :- **19 November 2024**
To :- **19 November 2024**

CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE

(1) Proposed Dhulkomra Feldspar & Quartz Mine (O. C.) over an area of 1.9384 ha (4.79 Acres) at Plot No: - 564, 566 & 567, J.L. No. - 81, Mouza - Dhulkomra, P.S. - Kankartala, Khairasole, District - Birbhum, West Bengal by **Jayanta Bhattacharyya**.

Proposal No. :- SIA/WB/MIN/407375/2023, File No. : EN/T-II-1/298/2023, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/407375/2023** dated **15 March 2023** 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.

Earlier the Project proponent (PP) obtained Environmental Clearance vide No. 21/EC/Quartz & Feldsparic/Khairasole/Dhulkomra/16 dated 18.01.2017 from DEIAA, Birbhum.

SEAC, during its 46th meeting held on 14.08.2024, recommended the proposed project for Environmental Clearance with additional conditions.

The proposal was placed before SEIAA in the 50th meeting held on 06.09.2024 and after detailed discussion it was decided that the PP is required to upload the area statement of green belt / plantation area proposed to be done in safety zone and outside the safety zone clearly marked with measurement.

The PP uploaded their reply on 23.09.2024. SEIAA considered the submission by the PP and after detailed discussion it was decided that the PP is required to make presentation with NABET accredited consultant on land use as submitted in the Mine Plan, plantation area, over burden dump area, EMP including pollution control measures and detailed break up of need-based activities for local people.

Accordingly, the PP along with their NABET accredited consultant was requested to present their case before SEIAA on 19.11.2024.

PROJECT DETAILS

The project of **Jayanta Bhattacharyya** located in as follows :

S. No.	State	District
(1.)	West Bengal	Birbhum

The salient features of the project submitted by the project proponent is available at Report under online

proposal no. **SIA/WB/MIN/407375/2023.**

DELIBERATION IN SEIAA

Though the PP came to attend the hearing but the representative of their environment consultant organisation i.e. Centre for Envotech and Management Consultancy Private Limited failed to join online for representing the case. Therefore, SEIAA decided that the PP should make the presentation in subsequent SEIAA meeting.

Recommendation of SEIAA

The application for EC is deferred for further consideration.

CONCLUSION

Deferred for further consideration.

MISCELLANEOUS

1. Complaint received from Mr. Ankur Sharma, against filling of a water body / pond and flouting of environmental norms at “South Point School – New Campus” K.M.C. holding no. 2038, Mukundapur, Ward no. 109, P.S. – Purba Jadavpur, Kolkata – 700099.

SEIAA decided to forward the complaint to WBPCB (to check & take necessary action if construction is being done without EC as per the OM issued by MoEF&CC vide F No. 3-85-2016-IA-III[E 81594] dated 30.04.2024) & KMC (to check filling up of waterbody) for taking necessary action. SEIAA also decided to seek explanation from the PP.

2. Letter received from Scientist ‘E’, Ministry of Environment, Forest and Climate Change (MoEF&CC), Impact Assessment Division, Govt. of India vide F. No. IA-L-11011/102/2022-IA-I (M) – NCM regarding compliance to the Order dated 12.11.2024 passed by the Hon’ble Supreme Court in Civil Appeal Nos. 3799-3800/2019 in the matter of Union of India Vs. Rajiv Suri (with respect to the reappraisal of the ECs issued by DEIAA).

SEIAA decided to forward the above-mentioned Memo of MoEF&CC along with the order of the Hon’ble Supreme Court in Civil Appeal Nos. 3799-3800/2019 in the matter of Union of India Vs. Rajiv Suri (with respect to the reappraisal of the ECs issued by DEIAA) to all the District Magistrates and Dept. of Industry, Commerce & Enterprises for compliance. Except the District Magistrate, Murshidabad, none of the districts have transferred the proposals for which EC was issued by DEIAA on PARIVESH portal as per SOP issued by MoEF&CC. Due to this reason, SEIAA is not able to complete the reappraisal process. This is also in violation of the order of the Hon’ble Supreme Court and may lead to contempt proceedings. SEIAA decided to remind all the District Magistrates except Murshidabad district to transfer the EC files (EC issued by DEIAA) to SEIAA on PARIVESH Portal as per above SOP of MoEF&CC.

List of the projects which were placed before the SEIAA, WB in the fifty fourth meeting held on 19.11.2024 and the Summary Decisions thereof:

Sl. No.	Proposal	Summary Decision
CONSIDERATION/RECONSIDERATION OF ENVIRONMENTAL CLEARANCE		
1.	Proposed Dhulkomra Feldspar & Quartz Mine (O. C.) over an area of 1.9384 ha (4.79 Acres) at Plot No: - 564, 566 & 567, J.L. No. - 81, Mouza- Dhulkomra, P.S.- Kankartala, Khairasole, District - Birbhum, West Bengal by M/s. Jayanta Bhattacharyya . (Proposal No. SIA/WB/MIN/407375/2023)	Deferred for further consideration.
MISCELLANEOUS		
1.	Complaint received from Mr. Ankur Sharma, against filling of a water body / pond and flouting of environmental norms at "South Point School – New Campus" K.M.C. holding no. 2038, Mukundapur, Ward no. 109, P.S. – Purba Jadavpur, Kolkata – 700099.	Forward the complaint to WBPCB (to check & take necessary action if construction is being done without EC as per the OM issued by MoEF&CC vide F No. 3-85-2016-IA-III[E 81594] dated 30.04.2024) & KMC (to check filling up of waterbody) for taking necessary action. SEIAA also decided to seek explanation from the PP.
2.	Letter received from Scientist 'E', Ministry of Environment, Forest and Climate Change (MoEF&CC), Impact Assessment Division, Govt. of India vide F. No. IA-L-11011/102/2022-IA-I (M) – NCM regarding compliance to the Order dated 12.11.2024 passed by the Hon'ble Supreme Court in Civil Appeal Nos. 3799-3800/2019 in the matter of Union of India Vs. Rajiv Suri (with respect to the reappraisal of the ECs issued by DEIAA).	Forward the Memo of MoEF&CC along with the order of the Hon'ble Supreme Court in Civil Appeal Nos. 3799-3800/2019 in the matter of Union of India Vs. Rajiv Suri to all the District Magistrates and Dept. of Industry, Commerce & Enterprises for compliance.



Government of India
Ministry of Environment, Forest and Climate Change
 (Issued by the State Environment Impact Assessment
 Authority (SEIAA),
 WEST BENGAL)



Minutes of 54th meeting of SEIAA (Reconstituted on 17.05.2023) State Environment Impact Assessment Authority meeting held from 19/11/2024 to 19/11/2024 **Date: 20/11/2024**

MoM ID: EC/MOM/SEIAA/352072/11/2024

Agenda ID: EC/AGENDA/SEIAA/352072/11/2024

Meeting Venue: Conference Room of West Bengal Pollution Control Board, Paribesh Bhawan, 10A, Block - LA, Sector-III, Bidhannagar, Kolkata-700106.

Meeting Mode: Hybrid

Date & Time:

19/11/2024	02:00 PM	06:00 PM
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1. Opening remarks

SEIAA members greeted each other and started discussion point wise as per the agenda.

2. Confirmation of the minutes of previous meeting

Minutes of 53rd Meeting of SEIAA, WB is uploaded in the PARIVESH Portal.

3. Details of proposals considered by the committee

Day 1 -19/11/2024

3.1. Agenda Item No 1:

3.1.1. Details of the proposal

Development of an extended Port Gate System at Balagarh, Dist. Hooghly, West Bengal by Syama Prasad Mookerjee Port Kolkata located at HOOGHLY, WEST BENGAL			
Proposal For		Fresh EC	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/INFRA1/457197/2023	2N-02/2022(E)	07/02/2024	Ports, harbors, breakwaters, dredging (7(e))

3.1.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :21/02/2024

Deliberations of SEAC 1 :

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations:-

Land and land use:

1. Traffic management plan / traffic decongestion plan for cargo handling should be submitted.
2. Permission from PWD for the approach road, should be submitted.
3. Impact of emission from huge traffic movement due to cargo handling should be submitted.

Biodiversity

4. Impact on the aquatic life and riparian ecology due to the project. The impact of capital and maintenance dredging measures should also be included.
5. Impact of the project on Balagarh Island fauna.

Waste water and Storm water

6. Details of raw water treatment plant and raw water intake structures should be submitted. Raw water intake structure should be properly located on the plan.
7. Arsenic study report for ground water should be submitted.
8. Expected quality (for organics, inorganics including heavy metals) of the supernatant water of the sump pond in the coal stack yard to be furnished (may be, from similar facilities elsewhere) and the quality should be regularly monitored before discharging to the river.
9. Storm water treatment and surface runoff treatment facility should be submitted.
10. Details of tertiary treatment of STP.
11. Details of ballast and bilge water treatment and disposal plan.
12. Locations of all the water treatment plants should be marked on the master plan.

EMP:

13. Need-based activities to be more specific. Preference to be given on the improvement of infrastructure of nearby schools. Consents from the beneficiaries should be furnished. Budget should be shown year-wise.

Rain water harvesting:

14. Capacity and location of rainwater harvesting tank and plan for use of harvested rainwater.

Solar PV:

15. Plan for generation of solar power.

Miscellaneous

16. Oil spill management emergency preparedness plan.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

Date of SEAC 2 :19/06/2024

Deliberations of SEAC 2 :

- The SEAC scrutinized the documents submitted by the PP in the 41st meeting of SEAC, WB (2023-2026) held on 19.06.2024. After careful consideration and detailed deliberation, the SEAC observed that some of the ADS responses are inadequate and incomplete, and that the PP should submit the following :

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application the PP may be called for presentation to clarify their reply on the points off ADS.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

Date of SEAC 3 :07/08/2024

Deliberations of SEAC 3 :

- The SEAC scrutinized the documents submitted by the PP in the 45th meeting of SEAC, WB (2023-2026) held on 07.08.2024. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the additional conditions that **treated water from the STP should be entirely reused. No river discharge is permitted.**

Date of SEIAA 4 :29/08/2024

Deliberations of SEIAA 4 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/INFRA1/457197/2023** dated **07 February 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **7(e) Ports, harbors, breakwaters, dredging** projects under Category "**B1**" of EIA Notification 2006.

The PP obtained Terms of Reference issued by SEIAA vide No. 444/EN/T-II-I/169/2021 dated 15.03.2022 against Proposal No. SIA/WB/NCP/69947/2021.

SEAC, during its 45th meeting held on 07.08.2024, recommended the proposed project for Environmental Clearance with the additional condition that treated water from the STP should be entirely reused. No river discharge is permitted.

PROJECT DETAILS

The project of **Syama Prasad Mookerjee Port Kolkata** located is as follows :

S. No.	State	District
(1)	West Bengal	Hooghly

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/INFRA1/457197/2023** in **PARIVESH Portal**.

SEIAA considered the recommendation of SEAC and observed that the PP is required to address the following points:-

- 1) Measurement of all the components proposed to be constructed.**
- 2) Primary and secondary source of flora and fauna data mentioned in the EIA report with special reference to the Gangetic dolphin.**
- 3) Cost of mitigation measures for flora and fauna.**
- 4) As per paper published by ZSI in 2010 (Rec. zool. Surv. India: 110(Part-1): 61-69, 2010), dolphin sighting was reported in the stretch of Hooghly where the project is coming. However, in EIA report there is no mention of Gangetic dolphin or any other important fauna.**

PP is required to provide reply to the above as well as make a presentation before SEIAA. Only NABET accredited should be allowed to make the presentation.

PP is also required to upload the copy of the challan of the processing fee.

3.1.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/INFRA1/457197/2023** dated **07 February 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **7(e) Ports, harbors, breakwaters, dredging** projects under Category "**B1**" of EIA Notification 2006.

The project proponent (PP) obtained Terms of Reference issued by SEIAA vide No. 444/EN/T-II-I/169/2021 dated 15.03.2022 against Proposal No. SIA/WB/NCP/69947/2021.

SEAC, during its 45th meeting held on 07.08.2024, recommended the proposed project for Environmental Clearance with the additional condition that treated water from the STP should be entirely reused. No river discharge is permitted.

SEIAA considered the recommendation of SEAC and observed that the PP is required to address the following points:-

- 1) Measurement of all the components proposed to be constructed.**
- 2) Primary and secondary source of flora and fauna data mentioned in the EIA report with special reference to the Gangetic dolphin.**
- 3) Cost of mitigation measures for flora and fauna.**
- 4) As per paper published by ZSI in 2010 (Rec. zool. Surv. India: 110(Part-1): 61-69, 2010), dolphin sighting was reported in the stretch of Hooghly where the project is coming. However, in EIA report there is no mention of Gangetic dolphin or any other important fauna.**

PP is required to provide reply to the above as well as make a presentation before SEIAA. Only NABET accredited should be allowed to make the presentation.

PP was also required to upload the copy of the challan of the processing fee.

PP uploaded their reply on the PARIVESH portal on 07.11.2024 and was called for a presentation on 19.11.2024.

PROJECT DETAILS

The project of **Syama Prasad Mookerjee Port Kolkata** located is as follows :

S. No.	State	District
(1)	West Bengal	Hooghly

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/INFRA1/457197/2023** in **PARIVESH Portal**.

Deliberations by the SEIAA

PP along with environment consultant appeared before SEIAA and made a presentation. SEIAA decided that the PP should submit the following :

- i. Super imposed mouza map showing the project boundary and a list of dag nos. constituting the project including the connecting road.**
- ii. During the presentation the PP as well as their environmental consultant agreed that there are multiple references (secondary data) regarding occurrence of Dolphins in the project area and its vicinity but it was not mentioned in the EIA report. Therefore, a supplementary to the EIA report should be submitted by the PP on the impact of the project on Gangetic Dolphin based on secondary data and relevant mitigation measures for protecting their habitat.**
- iii. The present and projected traffic on the water way and its ecological impact.**

3.1.4. Recommendation of SEIAA

Deferred for ADS

3.2. Agenda Item No 2:

3.2.1. Details of the proposal

Keotsa Sand Mine by MUNSHI MD HASANUZZAMAN located at PURBA BARDHAMAN, WEST BENGAL			
Proposal For		Fresh EC	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/471391/2024	2N-24/2021(E)	08/05/2024	Mining of minerals (1(a))

3.2.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :18/05/2024

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the committee observed that the plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining cum Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- Based on the presentation and submission made by the PP, the SEAC recommended that the PP should submit the following :-
 - a) The revised reserves as per approved DSR should be incorporated in the approved Mine Plan.
 - b) Challan for requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
 - c) A Progressive Greenbelt Plan may be prepared. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha. The project area being entirely on the riverbed, afforestation/vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.
 - d) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/intended beneficiaries (schools/ institutions etc) may also be uploaded. Evidence of the activities already done should be provided by photographs with geo-coordinates. The activities should be completed within the first two years of the project life.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

Date of SEAC 2 :11/09/2024

Deliberations of SEAC 2 :

- The SEAC scrutinized the documents submitted by the PP in the 48th meeting SEAC, WB (2023-2026) held on 11.09.2024. After careful consideration and detailed, the committee **recommended the proposed project for Environmental Clearance** with the conditions that the following should be submitted along with the six monthly compliance report :-

1) Monthly monitoring of base flow level at four points of the project should be conducted by installing piezometer and to be reported in the six-monthly compliance report.

2) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

3) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

4) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

5) Transportation plan should be provided in six monthly compliance report.

6) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

7) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports. Credible document regarding plantation by the Forest department on behalf of the project proponent should be submitted.

8) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

9) Bank line monitoring report should be submitted along with the six-monthly progress reports.

Date of SEIAA 3 :30/09/2024

Deliberations of SEIAA 3 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/471391/2024** dated **08 May 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B1**" of EIA Notification 2006.

The PP obtained Terms of Reference issued by SEIAA vide No. 588/EN/T-II-1/108/2023 dated 21.03.2023 against Proposal No. SIA/WB/MIN/74557/2022.

SEAC, during its 48th meeting held on 11.09.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

The project of **Munshi Md Hasanuzzaman** located is as follows :

S. No.	State	District
(1)	West Bengal	Purba Bardhaman

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/471391/2024** in PARIVESH Portal.

SEIAA considered the recommendation of SEAC and decided that the PP should make a presentation on the following issues:-

- 1) As per submission the CER amount has been claimed to be Rs.7 lacks whereas in tabular form it is shown Rs.1.4 lakhs, has to be clarified. The PP is required to submit component wise use of entire CER amount spread over two years.**
- 2) Environment Impact Assessment based on cluster situation.**

Date of SEIAA 4 :25/10/2024

Deliberations of SEIAA 4 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/471391/2024** dated **08 May 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B1**" of EIA Notification 2006. The PP obtained Terms of Reference issued by SEIAA vide No. 588/EN/T-II-1/108/2023 dated 21.03.2023 against Proposal No. SIA/WB/MIN/74557/2022.

SEAC, during its 48th meeting held on 11.09.2024, recommended the proposed project for Environmental Clearance with additional conditions.

The proposal was placed before SEIAA in its 52nd meeting held on 30.09.2024. After detailed discussion, it was decided that the PP should make a presentation on the following issues:-

- 1) As per submission the CER amount has been claimed to be Rs.7 lacks whereas in tabular form it is shown Rs.1.4 lakhs, has to be clarified. The PP is required to submit component wise use of entire CER amount spread over two years.
- 2) Environment Impact Assessment based on cluster situation.

Accordingly, the PP along with their NABET accredited consultant was requested to present their case before SEIAA on 25.10.2024.

PROJECT DETAILS

The project of **Munshi Md Hasanuzzaman** located is as follows :

S. No.	State	District
(1)	West Bengal	Purba Bardhaman

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/471391/2024** in PARIVESH Portal.

Deliberations by the SEIAA

The PP remained absent. Because of inclement weather due to cyclone Dana, SEIAA decided that the PP would be provided another chance to present before SEIAA in a subsequent meeting.

3.2.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/471391/2024** dated **08 May 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B1**" of EIA Notification 2006.

The PP obtained Terms of Reference issued by SEIAA vide No. 588/EN/T-II-1/108/2023 dated 21.03.2023 against Proposal No. SIA/WB/MIN/74557/2022.

SEAC, during its 48th meeting held on 11.09.2024, recommended the proposed project for Environmental Clearance with additional conditions.

The proposal was placed before SEIAA in its 52nd meeting held on 30.09.2024. After detailed discussion, it was decided that the PP should make a presentation on the following issues:-

- 1) As per submission the CER amount has been claimed to be Rs.7 lacks whereas in tabular form it is shown Rs.1.4 lakhs, has to be clarified. The PP is required to submit component wise use of entire CER amount spread over two years.
- 2) Environment Impact Assessment based on cluster situation.

Accordingly, the PP along with their NABET accredited consultant was requested to present their case before SEIAA on 25.10.2024.

During the 53rd meeting of SEIAA held on 25.10.2024 the PP remained absent. Because of inclement weather due to cyclone Dana, SEIAA decided that the PP would be provided another chance to present before SEIAA in a subsequent meeting.

PP was called for a presentation on 19.11.2024.

PROJECT DETAILS

The project of **Munshi Md Hasanuzzaman** located is as follows :

S. No.	State	District
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(1)	West Bengal	Purba Bardhaman
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The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/471391/2024** in PARIVESH Portal.

Deliberations by the SEIAA

Neither the PP nor the environment consultant attended the hearing. SEIAA decided that the PP would be requested to upload the presentation (as sought by SEIAA in its previous meeting) in the PARIVESH portal subsequent to which the PP would be asked to make the presentation.

3.2.4. Recommendation of SEIAA

Deferred for ADS

3.3. Agenda Item No 3:

3.3.1. Details of the proposal

Keotsa Sand Mine by RAIKAMAL CHAKRABORTY located at PURBA BARDHAMAN, WEST BENGAL			
Proposal For		Fresh EC	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/471259/2024	2N-22/2021(E)	07/05/2024	Mining of minerals (1(a))

3.3.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :18/05/2024

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the committee observed that the plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining cum Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- Based on the presentation and submission made by the PP, the SEAC recommended that the PP should submit the following :-
 - 1) The revised reserves as per approved DSR should be incorporated in the approved Mine Plan.
 - 2) Challan for requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.
 - 3) A Progressive Greenbelt Plan may be prepared. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha. The project area being entirely on the riverbed, afforestation/vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.
 - 4) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/intended beneficiaries (schools/ institutions etc) may also be uploaded. Evidence of the activities already done should be provided by photographs with geo-coordinates. The activities should be completed within the first two years of the project life.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

Date of SEAC 2 :25/09/2024

Deliberations of SEAC 2 :

- The SEAC scrutinized the documents submitted by the PP in the 49th meeting SEAC, WB (2023-2026) held on 25.09.2024. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the conditions that the following should be submitted along with the six monthly compliance report :-

1) Monthly monitoring of base flow level at four points of the project should be conducted by installing piezometer and to be reported in the six-monthly compliance report.

2) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

3) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

4) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

5) Transportation plan should be provided in six monthly compliance report.

6) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

7) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports. Credible document regarding plantation by the Forest department on behalf of the project proponent should be submitted.

8) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

9) Bank line monitoring report should be submitted along with the six-monthly progress reports.

Date of SEIAA 3 :25/10/2024

Deliberations of SEIAA 3 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/471259/2024** dated **07 May 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B1**" of EIA Notification 2006. The PP obtained Terms of Reference issued by SEIAA vide No. 587/EN/T-II-1/100/2023 dated 21.03.2023 against proposal no. SIA/WB/MIN/74652/2022.

SEAC, during its 49th meeting held on 25.09.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

The project of **Raikamal Chakraborty** located is as follows :

S. No.	State	District
(1)	West Bengal	Purba Bardhaman

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/471259/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and decided that PP should make a presentation to clarify following points:-

- 1. Plantation area and plan (no. of trees, species, location, year wise schedule).**
- 2. Details of need based activities.**
- 3. Approach road (from the public road to mining site as well as stock area).**
- 4. Stock area demarcation.**

3.3.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/471259/2024** dated **07 May 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B1**" of EIA Notification 2006. The PP obtained Terms of Reference issued by SEIAA vide No. 587/EN/T-II-1/100/2023 dated 21.03.2023 against proposal no. SIA/WB/MIN/74652/2022.

SEAC, during its 49th meeting held on 25.09.2024, recommended the proposed project for Environmental Clearance with additional conditions.

SEIAA during its 53rd meeting held on 25.10.2024 decided that PP should make a presentation to clarify following points:-

1. Plantation area and plan (no. of trees, species, location, year wise schedule).
2. Details of need based activities.
3. Approach road (from the public road to mining site as well as stock area).
4. Stock area demarcation.

PP was called to appear for a presentation before SEIAA on 19.11.2024.

PROJECT DETAILS

The project of **Raikamal Chakraborty** located is as follows :

S. No.	State	District
(1)	West Bengal	Purba Bardhaman

The salient features of the project submitted by the project proponent is available under online proposal no.

SIA/WB/MIN/471259/2024 in PARIVESH Portal.

Deliberations by the SEIAA

Neither the PP nor the environment consultant attended the hearing. SEIAA decided that the PP would be requested to upload the presentation (as sought by SEIAA in its previous meeting) in the PARIVESH portal subsequent to which the PP would be asked to make the presentation.

3.3.4. Recommendation of SEIAA

Deferred for ADS

3.4. Agenda Item No 4:

3.4.1. Details of the proposal

Dadpur Sand Mine by SAYED NEAJUDDIN located at PURBA BARDHAMAN, WEST BENGAL			
Proposal For		Mining EC Under 5 Ha	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/474597/2024	2N-35/2023(E)	23/05/2024	Mining of minerals (1(a))

3.4.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :29/05/2024

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the SEAC observed that **the plot area** for the proposed project as per the geo-coordinates mentioned in the revised Mining Plan uploaded by the PP **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- Based on the presentation and submission made by the PP, the SEAC recommended that the PP should submit the following:-

1) Valid LoI from the competent authority.

2) The revised reserves as per approved DSR should be incorporated in the approved Mine Plan.

3) Photographs of the site mentioning the geo-coordinates.

4) Standard practice of management of the intermediate storage area should be submitted, keeping in mind the very small project area.

5) Means of access and egress between the embankment and the sand quarry may be clearly earmarked keeping in mind the very small project area. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.

6) A plan on the management and handling of sand during the period of intermediate stockpiling, keeping in mind the very small project area, should be submitted.

7) A Progressive Greenbelt Plan may be prepared. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha. Area for plantation should be shown. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

8) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. Evidence of the activities should be provided by photographs with geo-coordinates. The activities should be completed within the first two years of the project life.

9) A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

Date of SEAC 2 :07/08/2024

Deliberations of SEAC 2 :

- The SEAC scrutinized the documents submitted by the PP in the 45th meeting of SEAC, WB (2023-2026) held on 07.08.2024. After careful consideration and detailed, the committee recommended that the project proponent should submit the following clarification in the PARIVESH portal :-

1. Budgetary allocation of each of the components mentioned in the need-based EMP.
2. Photographs of the site mentioning the geocoordinates.
3. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

Date of SEAC 3 :25/09/2024

Deliberations of SEAC 3 :

- The SEAC scrutinized the documents submitted by the PP in the 49th meeting SEAC, WB (2023-2026) held on 25.09.2024. After careful consideration and detailed, the committee **recommended the proposed project for Environmental Clearance** with the conditions that the following should be submitted along with the six monthly compliance report :-

1) Monthly monitoring of base flow level at four points of the project should be conducted by installing piezometer and to be reported in the six-monthly compliance report.

2) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

3) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

4) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.

5) Transportation plan should be provided in six monthly compliance report.

6) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

7) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports. Credible document regarding plantation by the Forest department on behalf of the project proponent should be submitted.

8) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

9) Bank line monitoring report should be submitted along with the six-monthly progress reports.

Date of SEIAA 4 :25/10/2024

Deliberations of SEIAA 4 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/474597/2024** dated **23 May 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006. SEAC, during its 49th meeting held on 25.09.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

The project of **M/s. Sayed Neajuddin** located is as follows :

S. No.	State	District
(1)	West Bengal	Purba Bardhaman

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/474597/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and decided that PP should make a presentation to clarify following points:-

- 1. Plantation area and plan (no. of trees, species, location, year wise schedule).**
- 2. Details of need based activities.**
- 3. Approach road (from the public road to mining site as well as stock area).**
- 4. Stock area demarcation.**

3.4.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/474597/2024** dated **23 May 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006. SEAC, during its 49th meeting held on 25.09.2024, recommended the proposed project for Environmental Clearance with additional conditions.

SEIAA during its 53rd meeting held on 25.10.2024 decided that PP should make a presentation to clarify following points:-

1. Plantation area and plan (no. of trees, species, location, year wise schedule).
2. Details of need based activities.
3. Approach road (from the public road to mining site as well as stock area).
4. Stock area demarcation.

PP was called to appear for a presentation before SEIAA on 19.11.2024.

PROJECT DETAILS

The project of **M/s. Sayed Neajuddin** located is as follows :

S. No.	State	District
(1)	West Bengal	Purba Bardhaman

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/474597/2024** in PARIVESH Portal.

Deliberations by the SEIAA

Neither the PP nor the environment consultant attended the hearing. SEIAA decided that the PP would be

requested to upload the presentation (as sought by SEIAA in its previous meeting) in the PARIVESH portal subsequent to which the PP would be asked to make the presentation.

3.4.4. Recommendation of SEIAA

Deferred for ADS

3.5. Agenda Item No 5:

3.5.1. Details of the proposal

Purbatore Sand Mine (MIN_BNK_62) by WEST BENGAL MINERAL DEVELOPMENT AND TRADING CORPORATION LIMITED located at BANKURA, WEST BENGAL

Proposal For		Fresh EC	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/457264/2023	2N-397/2023(E)	04/01/2024	Mining of minerals (1(a))

3.5.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :07/02/2024

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the committee observed that the plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining cum Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district.
- The SEAC scrutinized the documents submitted by the PP in the 28th SEAC meeting held on 07.02.2024 and after careful consideration and detailed deliberation the committee observed that the PP has not submitted any specific reply to the additional points mentioned in the ToR especially the points f, g & h. Also, the coordinates mentioned in the Cluster Certificate, Mine Plan and Provisional Grant Order do not match. No details of plantation has been mentioned. Detailed study of aquatic life, including plankton has not been submitted.

Therefore, the SEAC recommended that the above documents should be rectified and submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

Date of SEAC 2 :20/03/2024

Deliberations of SEAC 2 :

- The SEAC scrutinized the documents submitted by the PP in the 33rd meeting of SEAC, WB (2023-2026) held on 20.03.2024. After careful consideration and detailed deliberation, the committee observed that the PP has not submitted complete reply to the point raised - the coordinates mentioned in the Cluster Certificate, Mine Plan and Provisional Grant Order do not match. Hence, the PP is once again requested to submit the specific reply to the above.
- The PP is also requested to submit the project cost which may include the auction bid value, estimated royalty to be paid, cost of any infrastructure built like office space, stockyard, etc. The calculation/documents to estimate the project cost should be submitted. The planned expenditure for components like need-based activities may be derived based on the project cost.
- Base flow documents and photographs should be provided as per guidelines.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

Date of SEAC 3 :08/06/2024

Deliberations of SEAC 3 :

- The SEAC scrutinized the documents submitted by the PP in the 40th meeting of SEAC, WB (2023-2026) held on 08.06.2024. Based on the submission made by the PP, the SEAC observed that the PP has still not submitted the requisite documents as mentioned in the meeting. Hence the PP is once again requested to submit the reply to the point raised - the coordinates mentioned in the Cluster Certificate, Mine Plan and Provisional Grant Order do not match.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case only on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

Date of SEAC 4 :10/07/2024

Deliberations of SEAC 4 :

- The SEAC scrutinized the documents submitted by the PP in the 42nd meeting of SEAC, WB (2023-2026) held on 26.06.2024. After careful consideration and detailed, the committee **recommended the proposed project for Environmental Clearance** with the conditions that the following should be submitted along with the six monthly compliance report :-

1) Monthly monitoring of base flow level at four points of the project should be conducted by installing piezometer and to be reported in the six-monthly compliance report.

2) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.

3) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.

4) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period.

5) Transportation plan should be provided in six monthly compliance report.

6) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.

7) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports. Credible document regarding plantation by the Forest department on behalf of the project proponent should be submitted.

8) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.

9) Bank line monitoring report should be submitted along with the six-monthly progress reports.

Date of SEIAA 5 :02/08/2024

Deliberations of SEIAA 5 :

The proponent made online application vide proposal no. **SIA/WB/MIN/457264/2023** dated **04 January 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals projects** under Category "**B1**" of EIA Notification 2006.

The PP obtained ToR vide No. 1421/EN/T-II-1/382/2023 dated 26.07.2023, issued by SEIAA, WB against Proposal No. SIA/WB/MIN/426819/2023.

SEAC, during its 43rd meeting held on 10.07.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

The project of **M/s. Bengal Mineral Development & Trading Corporation Limited** located is as follows :

S. No.	State	District
(1)	West Bengal	Bankura

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/457264/2023** in PARIVESH Portal.

SEIAA considered the recommendation of SEAC and observed that PP has not uploaded six-monthly compliance report on PARIVESH portal for any of the 99 (ninety-nine) projects that were granted EC earlier. SEIAA vide its letter No. ENV-20014(11)/143/2024-SECTION(ENV)-Dept. of ENV dated 11.07.2024 requested PP to provide details of spending 2% of the project cost towards mandatory need based activities for local people and status of mandatory 33% plantation. The reply is still awaited from PP.

The PP in their submission has proposed plantation of 3735 no. of plants (proposed plantation plan) whereas in the budgetary allocation for EMP in the EIA report considers only 500 no. of trees. PP is requested to submit clarification along with revised no. of trees for plantation and corresponding budget allocation.

PP has not provided detailed component wise break up of need based activities for local people. PP should submit details of need based activities for local people specifying the location of proposed activities to be undertaken and tentative target beneficiaries to be covered. PP should submit the same.

PP should upload the six-monthly compliance report for each of the projects within due time and provide reply to the letter No. ENV-20014(11)/143/2024-SECTION(ENV)-Dept. of ENV dated 11.07.2024 at the earliest.

3.5.3. Deliberations by the SEIAA in current meetings**INTRODUCTION**

The proponent made online application vide proposal no. **SIA/WB/MIN/457264/2023** dated **04 January 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals projects** under Category "**B1**" of EIA Notification 2006.

The PP obtained ToR vide No. 1421/EN/T-II-1/382/2023 dated 26.07.2023, issued by SEIAA, WB against Proposal No. SIA/WB/MIN/426819/2023.

SEAC, during its 43rd meeting held on 10.07.2024, recommended the proposed project for Environmental Clearance with additional conditions.

SEIAA during its 47th meeting held on 02.08.2024 observed that PP has not uploaded six-monthly compliance report on PARIVESH portal for any of the 99 (ninety-nine) projects that were granted EC earlier. SEIAA vide its letter No. ENV-20014(11)/143/2024-SECTION(ENV)-Dept. of ENV dated 11.07.2024 requested PP to provide details of spending 2% of the project cost towards mandatory need based activities for local people and status of mandatory 33% plantation.

The PP in their submission has proposed plantation of 3735 no. of plants (proposed plantation plan) whereas in the budgetary allocation for EMP in the EIA report considers only 500 no. of trees. PP is requested to submit clarification along with revised no. of trees for plantation and corresponding budget allocation.

PP has not provided detailed component wise break up of need based activities for local people. PP should submit details of need based activities for local people specifying the location of proposed activities to be undertaken and

tentative target beneficiaries to be covered. PP should submit the same.

PP should upload the six-monthly compliance report for each of the projects within due time and provide reply to the letter No. ENV-20014(11)/143/2024-SECTION(ENV)-Dept. of ENV dated 11.07.2024 at the earliest.

PP uploaded their reply on the PARIVESH portal on 12.11.2024.

PROJECT DETAILS

The project of **M/s. Bengal Mineral Development & Trading Corporation Limited** located is as follows :

S. No.	State	District
(1)	West Bengal	Bankura

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/457264/2023** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the submission by the PP and observed that the reply to query no. 1 & 3 is irrelevant. Details provided in these replies do not answer the query. PP is again requested to submit proper and point wise specific reply.

3.5.4. Recommendation of SEIAA

Deferred for ADS

3.6. Agenda Item No 6:

3.6.1. Details of the proposal

Shikarpur Sand Mine (MIN_EBUR_28) by WEST BENGAL MINERAL DEVELOPMENT AND TRADING CORPORATION LIMITED located at PURBA BARDHAMAN, WEST BENGAL

Proposal For		Fresh EC	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/470883/2024	2N-444/2023(E)	29/04/2024	Mining of minerals (1(a))

3.6.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :18/05/2024

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the SEAC observed that **the plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- The SEAC scrutinized the documents submitted by the PP in the 38th meeting of SEAC, WB held on 18.05.2024 and after careful consideration and detailed deliberation the committee **recommended the proposed project for Environmental Clearance** with the conditions that the following should be submitted along with the six monthly compliance report :-
 - 1) Monthly monitoring of base flow level at four points of the project should be conducted by installing piezometer and to be reported in the six monthly compliance report.
 - 2) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.
 - 3) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - 4) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period.
 - 5) Transportation plan should be provided in six monthly compliance report.
 - 6) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - 7) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports. Credible document regarding plantation by the Forest department on behalf of the project proponent should be submitted.
 - 8) The project cost may include the auction bid value, estimated royalty to be paid, cost of any infrastructure built like office space, stockyard, etc. The calculation/documents to estimate the project cost should be submitted. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.
 - 9) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.
 - 10) Bank line monitoring report should be submitted along with the six-monthly progress reports.

Date of SEIAA 2 :02/08/2024

Deliberations of SEIAA 2 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/470883/2024** dated **29 April 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B1**" of EIA Notification 2006.

The PP obtained ToR vide No. 1646/EN/T-II-1/443/2023 dated 09.08.2023, issued by SEIAA, WB against Proposal No. SIA/WB/MIN/433577/2023.

SEAC, during its 38th meeting held on 18.05.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

The project of **M/s. West Bengal Mineral Development & Trading Corporation Limited** located is as follows :

S. No.	State	District
(1)	West Bengal	Purba Bardhaman

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/470883/2024** in PARIVESH Portal.

SEIAA considered the recommendation of SEAC and observed that PP has not uploaded six-monthly compliance report on PARIVESH portal for any of the 99 (ninety-nine) projects that were granted EC earlier. SEIAA vide its letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 requested PP to provide details of spending 2% of the project cost towards mandatory need based activities for local people and status of mandatory 33% plantation. The reply is still awaited from PP.

The PP in their submission has proposed plantation of 3812 no. of plants (proposed plantation plan) whereas in the budgetary allocation for EMP in the EIA report considers only 1900 no. of trees. PP is requested to submit clarification along with revised no. of trees for plantation and corresponding budget allocation.

PP has not provided detailed component wise break up of need based activities for local people. PP should submit details of need based activities for local people specifying the location of proposed activities to be undertaken and tentative target beneficiaries to be covered. PP should submit the same.

PP should upload the six-monthly compliance report for each of the projects within due time and provide reply to the letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 at the earliest.

3.6.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/470883/2024** dated **29 April 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B1**" of EIA Notification 2006.

The PP obtained ToR vide No. 1646/EN/T-II-1/443/2023 dated 09.08.2023, issued by SEIAA, WB against Proposal No. SIA/WB/MIN/433577/2023.

SEAC, during its 38th meeting held on 18.05.2024, recommended the proposed project for Environmental Clearance with additional conditions.

SEIAA during its 47th meeting held on 02.08.2024 observed that PP has not uploaded six-monthly compliance report on PARIVESH portal for any of the 99 (ninety-nine) projects that were granted EC earlier. SEIAA vide its letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 requested PP to provide details of spending 2% of the project cost towards mandatory need based activities for local people and status of mandatory 33% plantation. The reply is still awaited from PP.

The PP in their submission has proposed plantation of 3812 no. of plants (proposed plantation plan) whereas in the budgetary allocation for EMP in the EIA report considers only 1900 no. of trees. PP is requested to submit clarification along with revised no. of trees for plantation and corresponding budget allocation.

PP has not provided detailed component wise break up of need based activities for local people. PP should submit details of need based activities for local people specifying the location of proposed activities to be undertaken and

tentative target beneficiaries to be covered. PP should submit the same.
 PP should upload the six-monthly compliance report for each of the projects within due time and provide reply to the letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 at the earliest.

PP uploaded their reply on the PARIVESH portal on 12.11.2024.

PROJECT DETAILS

The project of **M/s. West Bengal Mineral Development & Trading Corporation Limited** located is as follows :

S. No.	State	District
(1)	West Bengal	Purba Bardhaman

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/470883/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the submission by the PP and observed that the reply to query no. 1 & 3 is irrelevant. Details provided in these replies do not answer the query. PP is again requested to submit proper and point wise specific reply.

3.6.4. Recommendation of SEIAA

Deferred for ADS

3.7. Agenda Item No 7:

3.7.1. Details of the proposal

Manbazar - I Sand Mine (MIN_PUR_35) by WEST BENGAL MINERAL DEVELOPMENT AND TRADING CORPORATION LIMITED located at PURULIA, WEST BENGAL

Proposal For		Mining EC Under 5 Ha	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/472379/2024	2N-78/2024(E)	10/05/2024	Mining of minerals (1(a))

3.7.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :18/05/2024

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purulia district.
- The SEAC scrutinized the documents submitted by the PP in the 38th meeting SEAC, WB held on 18.05.2023 and after careful consideration and detailed deliberation the committee **recommended the proposed project for Environmental Clearance** with the conditions that the following should be submitted along with the six monthly compliance report:
 - 1) Monthly monitoring of base flow level at four points of the project should be conducted by installing piezometer and to be reported in the six monthly compliance report.
 - 2) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.
 - 3) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - 4) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.
 - 5) Transportation plan should be provided in six monthly compliance report.
 - 6) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - 7) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports. Credible document regarding plantation by the Forest department on behalf of the project proponent should be submitted.
 - 8) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.
 - 9) Bank line monitoring report should be submitted along with the six-monthly progress reports.

Date of SEIAA 2 :02/08/2024

Deliberations of SEIAA 2 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/472379/2024** dated **10 May 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006.

SEAC, during its 38th meeting held on 18.05.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

The project of **West Bengal Mineral Development & Trading Corporation Limited** located is as follows :

S. No.	State	District
(1)	West Bengal	Purulia

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/472379/2024** in PARIVESH Portal.

SEIAA considered the recommendation of SEAC and observed that PP has not uploaded six-monthly compliance report on PARIVESH portal for any of the 99 (ninety-nine) projects that were granted EC earlier. SEIAA vide its letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 requested PP to provide details of spending 2% of the project cost towards mandatory need based activities for local people and status of mandatory 33% plantation. The reply is still awaited from PP.

PP has not provided detailed component wise break up of need based activities for local people. PP should submit details of need based activities for local people specifying the location of proposed activities to be undertaken and tentative target beneficiaries to be covered. PP should submit the same.

PP should upload the six-monthly compliance report for each of the projects within due time and provide reply to the letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 at the earliest.

3.7.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/472379/2024** dated **10 May 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006.

SEAC, during its 38th meeting held on 18.05.2024, recommended the proposed project for Environmental Clearance with additional conditions.

SEIAA during its 47th meeting held on 02.08.2024 observed that PP has not uploaded six-monthly compliance report on PARIVESH portal for any of the 99 (ninety-nine) projects that were granted EC earlier. SEIAA vide its letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 requested PP to provide details of spending 2% of the project cost towards mandatory need based activities for local people and status of mandatory 33% plantation. The reply is still awaited from PP.

PP has not provided detailed component wise break up of need based activities for local people. PP should submit details of need based activities for local people specifying the location of proposed activities to be undertaken and tentative target beneficiaries to be covered. PP should submit the same.

PP should upload the six-monthly compliance report for each of the projects within due time and provide reply to the letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 at the earliest.

PP uploaded their reply on the PARIVESH portal on 12.11.2024.

PROJECT DETAILS

The project of **West Bengal Mineral Development & Trading Corporation Limited** located is as follows :

S. No.	State	District
(1)	West Bengal	Purulia

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/472379/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the submission by the PP and observed that the reply to queries are irrelevant. Details provided in these replies do not answer the query. PP is again requested to submit proper and point wise specific reply.

3.7.4. Recommendation of SEIAA

Deferred for ADS

3.8. Agenda Item No 8:

3.8.1. Details of the proposal

Manbazar - I Sand Mine (MIN_PUR_38) by WEST BENGAL MINERAL DEVELOPMENT AND TRADING CORPORATION LIMITED located at PURULIA, WEST BENGAL

Proposal For		Mining EC Under 5 Ha	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/472325/2024	2N-79/2024(E)	09/05/2024	Mining of minerals (1(a))

3.8.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :18/05/2024

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purulia district.
- The SEAC scrutinized the documents submitted by the PP in the 38th meeting SEAC, WB held on 18.05.2023 and after careful consideration and detailed deliberation the committee **recommended the proposed project for Environmental Clearance** with the conditions that the following should be submitted along with the six monthly compliance report:
 - 1) Monthly monitoring of base flow level at four points of the project should be conducted by installing piezometer and to be reported in the six monthly compliance report.
 - 2) Stipulated plantation should preferably be done adjacent to the project. If not possible due to unavailability of suitable land, plantation may be done at other location in the same block. The particular plantation area should be dedicated and marked for the particular project and to be certified by the respective BDO.
 - 3) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - 4) Status of the need-based activities to be reported during six monthly progress report. The entire need-based EMP should be completed within first two years of the project period. The planned expenditure for components like need-based activities may be derived based on the project cost. Proper documents should be submitted along with the six-monthly compliance report.
 - 5) Transportation plan should be provided in six monthly compliance report.
 - 6) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - 7) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Geotagged photographs of actual plantation done to be submitted along with six monthly compliance reports. Credible document regarding plantation by the Forest department on behalf of the project proponent should be submitted.
 - 8) Studies on the biotic components of the river and the impact of sand mining on these components should be submitted.
 - 9) Bank line monitoring report should be submitted along with the six-monthly progress reports.

Date of SEIAA 2 :02/08/2024

Deliberations of SEIAA 2 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/472325/2024** dated **09 May 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006. SEAC, during its 38th meeting held on 18.05.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

The project of **West Bengal Mineral Development & Trading Corporation Limited** located is as follows:

S. No.	State	District
(1)	West Bengal	Purulia

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/472325/2024** in PARIVESH Portal.

SEIAA considered the recommendation of SEAC and observed that PP has not uploaded six-monthly compliance report on PARIVESH portal for any of the 99 (ninety-nine) projects that were granted EC earlier. SEIAA vide its letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 requested PP to provide details of spending 2% of the project cost towards mandatory need based activities for local people and status of mandatory 33% plantation. The reply is still awaited from PP.

PP has not provided detailed component wise break up of need based activities for local people. PP should submit details of need based activities for local people specifying the location of proposed activities to be undertaken and tentative target beneficiaries to be covered. PP should submit the same.

PP should upload the six-monthly compliance report for each of the projects within due time and provide reply to the letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 at the earliest.

3.8.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/472325/2024** dated **09 May 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006. SEAC, during its 38th meeting held on 18.05.2024, recommended the proposed project for Environmental Clearance with additional conditions.

SEIAA during its 47th meeting held on 02.08.2024 considered the recommendation of SEAC and observed that PP has not uploaded six-monthly compliance report on PARIVESH portal for any of the 99 (ninety-nine) projects that were granted EC earlier. SEIAA vide its letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 requested PP to provide details of spending 2% of the project cost towards mandatory need based activities for local people and status of mandatory 33% plantation. The reply is still awaited from PP.

PP has not provided detailed component wise break up of need based activities for local people. PP should submit details of need based activities for local people specifying the location of proposed activities to be undertaken and tentative target beneficiaries to be covered. PP should submit the same.

PP should upload the six-monthly compliance report for each of the projects within due time and provide reply to the letter No. ENV-20014(11)/143/2024-SECTION (ENV)-Dept. of ENV dated 11.07.2024 at the earliest.

PP uploaded their reply on the PARIVESH portal on 12.11.2024.

PROJECT DETAILS

The project of **West Bengal Mineral Development & Trading Corporation Limited** located is as follows:

S. No.	State	District
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(1)	West Bengal	Purulia
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The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/472325/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the submission by the PP and observed that the reply to queries are irrelevant. Details provided in these replies do not answer the query. PP is again requested to submit proper and point wise specific reply.

3.8.4. Recommendation of SEIAA

Deferred for ADS

3.9. Agenda Item No 9:

3.9.1. Details of the proposal

Ramchandrapur Blackstone Mine by MITHILESH SINGH located at BANKURA, WEST BENGAL			
Proposal For		Mining EC Under 5 Ha	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/462640/2024	2N-63/2024(E)	12/03/2024	Mining of minerals (1(a))

3.9.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :20/03/2024

Deliberations of SEAC 1 :

Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following observations:-

1. If any stone crusher is planned for installation, the proposal for stone crusher should be included in the EC application. Revised proposal should be submitted including mitigation of air-pollution.
2. Mitigation plan for air pollution including occupational health and safety should be submitted.
3. The Mine Plan submitted by the PP is not endorsed by the competent authority. Approved Mine Plan for the project should be submitted.
4. Salient features of the project in a tabular format should be submitted.
5. The period of lease mentioned in the LoI is for 10 years. However, the period of lease mentioned in the PFR uploaded by the PP is for of 5 years. Reasons should be submitted.
6. Over burden disposal and management plan.
7. Complete transportation plan for the project. The plan should include the capacity of dumpers, trucks, excavators etc., and the number of trips undertaken per day. This should match with the production schedule as submitted in the approved Mine Plan.
8. Revised break up of project cost. The land cost as per the current valuation should be included in the project cost.
9. Revised need-based EMP for the project as discussed in the meeting including the beneficiaries and the cost outlay each year. The entire need-based EMP should be completed within first two years of the project period.
10. Safety and protection plan for the workers including regular health check-up for respiratory problem should be undertaken. Basic amenities like drinking water and toilets should be provided.
11. A Progressive Greenbelt Plan may be prepared for 33% of the lease hold area. Afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success / survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted. Credible document regarding plantation by the Forest department on behalf of the project proponent should be submitted.
12. Progressive and detailed mine closure plan should be submitted. If the abandoned mine should be used as a water body, details of its management should be provided. Fencing will be required for safety and embankment should be protected as per guidelines.

The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

Date of SEAC 2 :29/05/2024

Deliberations of SEAC 2 :

- The SEAC scrutinized the documents submitted by the PP in the 39th meeting of SEAC, WB (2023-2026) held on 29.05.2024.
- Based on the submission made by the PP, the SEAC observed that in the approval letter for the mining plan the plot no. is mentioned as 2686, while in other documents the plot no. is given as 2687. Necessary clarification should be provided.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case only on submission of satisfactory reply on the above-mentioned queries only through “PARIVESH” portal.

Date of SEAC 3 :10/07/2024

Deliberations of SEAC 3 :

- The SEAC scrutinized the documents submitted by the PP in the 43rd meeting of SEAC, WB (2023-2026) held on 10.07.2024. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance** with the following additional conditions:

1) The Proponent shall prepare a dust and noise minimization plan with adequate details. Care should be taken for prevention of occupational health issues of the workers. Amenities like personal protective equipments (PPEs) should be provided for them.

2) A post closure long-term vegetative stabilisation program should be submitted along with the six-monthly compliance report.

3) Afforestation/ vegetation should be attempted alongside the village roads or other public land @2500 trees/ha. If any tree (defined as per tree rules 2007) has to be felled, 5 times of the felled trees should be planted as compensatory plantation; the land for such plantation should be marked.

This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life.

4) Monitoring of PM₁₀, PM_{2.5} and its SiO₂ (free silica) content should be done along with noise levels.

5) Dust suppression by sprinkling water should be adopted specially after dusty operations like drilling, blasting etc.

6) Year-wise excavation schedule showing breakup of pay-mineral (black stone) and waste rock may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and show in the surface plan.

7) As far as practicable the waste rock to be produced from the mine may be dumped in the existing pit-void adjacent to/ within the lease hold boundary. Any outside the pit dumping should be temporary in nature. All waste rock dumped outside the pit may be rehandled and backfilled in the mined-out area.

8) The proponent shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.

9) One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan to the officer authorised by the State Government in this behalf, for approval under the West Bengal Minor Mineral Concession Rules, 2016.

10) The project proponent shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.

11) In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the proponent shall submit to the officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.

12) For the purpose of carrying out mining operation in the area, the proponent shall furnish financial assurance. The amount of financial assurance shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.

13) Effects of blasting to the nearby localities should be examined and remedial plan should be in line with approved mine plan and as per rules of Mine Safety Authority.

14) Needs of the locality may be assessed and a social part of the EMP should be undertaken as stipulated by MoEF&CC.

15) The unit should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007. If any tree is cut, five times compensatory plantation should be provided.

Date of SEIAA 4 :02/08/2024

Deliberations of SEIAA 4 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/462640/2024** dated **12 March 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006. SEAC, during its 43rd meeting held on 10.07.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

The project of **Mithilesh Singh** located is as follows :

S. No.	State	District
(1)	West Bengal	Bankura

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/462640/2024** in PARIVESH Portal.

SEIAA considered the recommendation of SEAC and decided that the PP should submit plantation details (33% of the mining area) in the safety zone and outside safety zone also. It is not clear how much plantation is being in safety zone and how much is being done outside the safety zone? Detailed breakup of the same may be provided along with the demarcation on the map.

PP is requested to make a presentation on above points along with the mine closure plan especially on the safety aspect considering the depth of mine after closure of mining operations.

Date of SEIAA 5 :N/A

Deliberations of SEIAA 5 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/462640/2024** dated **12 March 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006. SEAC, during its 43rd meeting held on 10.07.2024, recommended the proposed project for Environmental Clearance with additional conditions.

SEIAA, during its 47th meeting held on 02.08.2024, considered the recommendation of SEAC and decided that the PP should submit plantation details (33% of the mining area) in the safety zone and outside safety zone also. It is not clear how much plantation is being in safety zone and how much is being done outside the safety zone? Detailed breakup of the same may be provided along with the demarcation on the map.

PP is requested to make a presentation on above points along with the mine closure plan especially on the safety aspect considering the depth of mine after closure of mining operations.

PROJECT DETAILS

The project of **Mithilesh Singh** located is as follows :

S. No.	State	District
(1)	West Bengal	Bankura

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/462640/2024** in PARIVESH Portal.

PP is required to do the presentation by NABET accredited consultant.

Date of SEIAA 6 :06/09/2024

Deliberations of SEIAA 6 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/462640/2024** dated **12 March 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006. SEAC, during its 43rd meeting held on 10.07.2024, recommended the proposed project for Environmental Clearance with additional conditions.

SEIAA, during its 47th meeting held on 02.08.2024, considered the recommendation of SEAC and decided that the PP should submit plantation details (33% of the mining area) in the safety zone and outside safety zone also. It is not clear how much plantation is being in safety zone and how much is being done outside the safety zone? Detailed breakup of the same may be provided along with the demarcation on the map.

PP was requested to make a presentation on above points along with the mine closure plan especially on the safety aspect considering the depth of mine after closure of mining operations.

PP along with his consultant attended the hearing on 09.08.2024. However, the consultant could not produce NABET accreditation certificate and authorization of the representative on their behalf. Therefore, SEIAA decided that the PP is required to make presentation again with NABET accredited consultant. Accordingly the PP is called for presentation in the 50th meeting of SEIAA on 06.09.2024.

PROJECT DETAILS

The project of **Mithilesh Singh** located is as follows :

S. No.	State	District
(1)	West Bengal	Bankura

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/462640/2024** in PARIVESH Portal.

Though the consultant came for presentation on 06.09.2024 but the project proponent was absent. Therefore, SEIAA decided that the PP is required to make presentation with NABET accredited consultant and upload the same in the portal.

Date of SEIAA 7 :25/10/2024

Deliberations of SEIAA 7 :

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/462640/2024** dated **12 March 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006. SEAC, during its 43rd meeting held on 10.07.2024, recommended the proposed project for Environmental Clearance with additional conditions.

SEIAA, during its 47th meeting held on 02.08.2024, considered the recommendation of SEAC and decided that the PP should submit plantation details (33% of the mining area) in the safety zone and outside safety zone also. It is not clear how much plantation is being in safety zone and how much is being done outside the safety zone? Detailed breakup of the same may be provided along with the demarcation on the map.

PP was requested to make a presentation on above points along with the mine closure plan especially on the safety aspect considering the depth of mine after closure of mining operations.

PP along with his consultant attended the hearing on 09.08.2024. However, the consultant could not produce NABET accreditation certificate and authorization of the representative on their behalf. Therefore, SEIAA decided that the PP is required to make presentation again with NABET accredited consultant. The proposal was placed before SEIAA during its 50th meeting held on 06.09.2024. Though NABET accredited consultant was present during the meeting but PP was absent. Therefore, SEIAA decided that the PP is required to make presentation with NABET accredited consultant and upload the same in the portal.

PP uploaded their reply on 26.09.2024. Accordingly, the PP along with their NABET accredited consultant was requested to present their case before SEIAA on 25.10.2024.

PROJECT DETAILS

The project of **Mithilesh Singh** located is as follows :

S. No.	State	District
(1)	West Bengal	Bankura

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/462640/2024** in PARIVESH Portal.

Deliberations by the SEIAA

PP along with environment consultant appeared before SEIAA and made a presentation. In the presentation it was mentioned that as per the approved mining plan there will be no over burden generated in the project and the plantation area within mining lease area is 0.68 ha. and plantation area outside lease area is 1.82 Ha. (Plot no. 2687). However, it was observed by SEIAA that the land area for plantation outside lease area does not belong to PP. Therefore, PP is requested to submit necessary legal documents regarding agreement between land owner and PP for plantation.

3.9.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/462640/2024** dated **12 March 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006. SEAC, during its 43rd meeting held on 10.07.2024, recommended the proposed project for Environmental Clearance with additional conditions.

SEIAA, during its 47th meeting held on 02.08.2024, considered the recommendation of SEAC and decided that the PP should submit plantation details (33% of the mining area) in the safety zone and outside safety zone also. It is not clear how much plantation is being in safety zone and how much is being done outside the safety zone? Detailed breakup of the same may be provided along with the demarcation on the map.

PP was requested to make a presentation on above points along with the mine closure plan especially on the safety aspect considering the depth of mine after closure of mining operations.

PP along with his consultant attended the hearing on 09.08.2024. However, the consultant could not produce NABET accreditation certificate and authorization of the representative on their behalf. Therefore, SEIAA decided that the PP is required to make presentation again with NABET accredited consultant. The proposal was placed before SEIAA during its 50th meeting held on 06.09.2024. Though NABET accredited consultant was present during the meeting but PP was

absent. Therefore, SEIAA decided that the PP is required to make presentation with NABET accredited consultant and upload the same in the portal.

PP uploaded their reply on 26.09.2024.

PP along with environment consultant appeared before SEIAA during its 53rd meeting held on 25.10.2024 and made a presentation. In the presentation it was mentioned that as per the approved mining plan there will be no over burden generated in the project and the plantation area within mining lease area is 0.68 ha. and plantation area outside lease area is 1.82 Ha. (Plot no. 2687). However, it was observed by SEIAA that the land area for plantation outside lease area does not belong to PP. Therefore, PP is requested to submit necessary legal documents regarding agreement between land owner and PP for plantation.

PP uploaded their reply on the PARIVESH portal on 31.10.2024.

PROJECT DETAILS

The project of **Mithilesh Singh** located is as follows :

S. No.	State	District
(1)	West Bengal	Bankura

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/462640/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC, submission by the PP and decided that the application for Ramchandrapur Blackstone Mine over an area of 3.540 ha at Mouza – Ramchandrapur, Block & P.S. - Mejia, JL No. 65, Plot No.2687, District - Bankura, West Bengal by Mithilesh Singh falling within the DSR potential zone code **BNK_BS_ZONE_01** is approved for EC with the following additional conditions:-

- i. The PP is required to undertake dust suppression by water sprinkling immediately after the drilling and blasting operations and workers would be allowed to work only after subsidence of dust in the area.
- ii. A Progressive Greenbelt Plan should be prepared. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha. PP will complete the plantation in safety zone with 4-5 ft. tall seedlings before starting the mining activity.
- iii. In six-monthly compliance report, at least one ambient air quality monitoring report in the nearest residential area should be submitted.
- iv. Regular medical check up of the workers should be done. Chest X-ray (PA View) and pulmonary function test of all workers should be done at least once in six months. The report along with comments of the medical officer should be submitted in the six monthly compliance report.
- v. Workers exposure to dust (average of at least five consecutive days) should be monitored along with silica content of the dust once in six months and should be submitted along with six monthly compliance report.
- vi. Workers should use Personal Protective Equipment (PPE) equipment during the work.
- vii. The PP shall submit geo-tagged photographs regarding the implementation of CER with actual expenses incurred. The CER and plantation will have to be implemented within first two years of starting of mining operation.
- viii. The validity of EC will be for 5 years. However, the PP may apply for extension of EC with revised mining plan before expiry of 5 years.

3.9.4. Recommendation of SEIAA

Approved

3.9.5. Details of Environment Conditions

3.9.5.1. Specific

Standard Conditions:-

- | | |
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| 1. | I. Statutory compliance |
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- i. This Environmental Clearance (EC) is subject to orders / judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
- ii. The Project proponent complies with all the statutory requirements and judgement of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors. before commencing the mining operations.
- iii. The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgement of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
- iv. This Environmental Clearance shall become operational only after receiving formal NBWL Clearance from Ministry of Environment, Forest & Climate Change, (MoEF&CC) subsequent to the recommendations of the Standing Committee of National Board for Wildlife, if applicable to the Project.
- v. This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, if applicable to the Project.
- vi. Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish / Consent to Operate from the concerned State Pollution Control Board/Committee.
- vii. The PP shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. PP shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian.
- viii. The Project Proponent shall obtain consents from all the concerned land owners, before start of mining operations, as per the provisions of MMDR Act, 1957 and rules made there under in respect of lands which are not owned by it.
- ix. The Project Proponent shall follow the mitigation measures provided in MoEF&CC's Office Memorandum No. Z-11013 / 57 / 2014-IAJI (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
- x. The Project Proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and from CGWA/SWID for withdrawal of ground water for the project.
- xi. A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
- xii. State Pollution Control Board / Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office / Tehsildar's Office for 30 days.
- xiii. The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board / Committee and web site of the Ministry of Environment, Forest and Climate Change (www.environmentclearance.nic.in). A copy of the advertisement may be forwarded to the concerned MoEF&CC Regional Office for compliance and record.
- xiv. The Project Proponent shall inform the MoEF&CC / State Environment Impact Assessment Authority (SEIAA) for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.

II. Air quality monitoring and preservation

- i. The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO₂; CO and SO₂ etc. as per the methodology mentioned in NAAQS Notification No. B-29016 / 20 / 90 / PCUI, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.
- ii. Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metaled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments / machineries and preventive maintenance: Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEF&CC / Central Pollution Control Board.

III. Water quality monitoring and preservation

- i. In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA/SWID. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA/SWID and MoEF&CC/SEIAA is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
- ii. Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
- iii. Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority / State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
- iv. The Project Proponent shall undertake regular monitoring of natural water course / water resources / springs and perennial nallahs existing / flowing in and around the mine lease and maintain its records. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby / adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and / or alteration be made to water bodies during mining operations without justification and prior approval of MoEF&CC / SEIAA. The monitoring of water courses / bodies existing

in lease area shall be carried out four times in a year viz. pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director/ SWID, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.

v. Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012 / 1 / 2006-IAJI (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.

vi. Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area consultation with Central Ground Water Board / State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEF&CC/SEIAA annually.

vii. Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.

viii. The water balance / water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC/SEIAA and State Pollution Control Board / Committee.

IV. Noise and vibration monitoring and prevention

i. The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.

ii. The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights / masks away from the villagers and keeping the noise levels well within the prescribed limits for day / night hours.

iii. The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The Project Proponent shall be held responsible in case it has been found that workers / personals / laborers are working without personal protective equipment.

V. Mining plan

i. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, overburden, interburden and top soil etc.. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.

ii. The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines / Department of Mining & Geology as required under the Provision of the MMDR Act, 1957 and Rules / Guidelines made there under. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned Regional Office of the Ministry of Environment, Forest and Climate Change / SEIAA for record and verification.

iii. The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEF&CC and its concerned Regional Office and SEIAA.

VI. Land reclamation

i. The Overburden (O.B.) generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines / circulars issued by D.G.M.S w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of top soil / OB dumps. The topsoil shall be used for land reclamation and plantation.

ii. The reject / waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines / circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.

iii. The reclamation of waste dump sites shall be done in scientific manner as per the Approved Mining Plan cum Progressive Mine Closure Plan.

iv. The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer / compactors thereby ensuring proper filling / leveling of dump mass. In critical areas, use of geo textiles / geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.

v. The Project Proponent shall carry out slope stability study in case the dump height is more than 30 meters. The slope stability report shall be submitted to concerned regional office of MoEF&CC/SEIAA.

vi. Catch drains, settling tanks and ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil / OB / Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah / River / Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains / sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.

vii. Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments / silt material. The sedimentation pits / sumps shall be constructed at the corners of the garland drains,

viii. The top soil, if any, shall temporarily be stored at earmarked site(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved Mining Plan and as per the guidelines framed by

DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of dumps. The topsoil shall be used for land reclamation and plantation purpose.

VII. Transportation

i. No Transportation of the minerals shall be allowed in case of roads passing through villages / habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village / rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.

ii. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

VIII. Green Belt

i. The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.

ii. The Project Proponent shall carryout plantation / afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department / Agriculture Department / Rural development department / Tribal Welfare Department / Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.

iii. The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded / protected against felling and plantation of such trees should be promoted.

iv. The Project Proponent shall undertake all precautionary measures for conservation and protection of endangered flora and fauna and Schedule-I species during mining operation. A Wildlife Conservation Plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The Plan shall be approved by Chief Wild Life Warden of the State Govt.

v. And implemented in consultation with the State Forest and Wildlife Department. A copy of Wildlife Conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the

Ministry.

IX. Public hearing and human health issues

- i. The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintained properly. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like BP, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial / preventive measures be taken. A status report on the same may be sent to MoEF&CC Regional Office and DGMS on half-yearly basis.
- ii. The Project Proponent must demonstrate commitment to work towards 'Zero Harm' from their mining activities and carry out Health Risk Assessment (HRA) for identification workplace hazards and assess their potential risks to health and determine appropriate control measures to protect the health and wellbeing of workers and nearby community. The proponent shall maintain accurate and systematic records of the HRA. The HRA for neighborhood has to focus on Public Health Problems like Malaria, Tuberculosis, HIV, Anaemia, Diarrhoea in children under five, respiratory infections due to bio mass cooking. The proponent shall also create awareness and educate the nearby community and workers for Sanitation, Personal Hygiene, Hand washing, not to defecate in open, Women Health and Hygiene (Providing Sanitary Napkins), hazard of tobacco and alcohol use. The Proponent shall carryout base line HRA for all the category of workers and thereafter every five years.
- iii. The Proponent shall carry out Occupational health surveillance which be a part of HRA and include Biological Monitoring where practical and feasible, and the tests and investigations relevant to the exposure (e.g. for Dust a X-Ray chest; For Noise Audiometric; for Lead Exposure Blood Lead, For Welders Full Ophthalmologic Assessment; for Manganese Miners a complete Neurological Assessment by a Certified Neurologist, and Manganese (Mn) Estimation in Blood; For Inorganic Chromium-Fortnightly skin inspection of hands and forearms by a responsible person. Except routine tests all tests would be carried out in a Lab accredited by NABH. Records of Health Surveillance must be kept for 30 years, including the results of and the records of Physical examination and tests. The record of exposure due to materials like Asbestos, Hard Rock Mining, Silica, Gold, Kaolin, Aluminium, Iron, Manganese, Chromium, Lead, Uranium need to be handed over to the Mining Department of the State in case the life of the mine is less than 30 years. It would be obligatory for the State Mines Departments to make arrangements for the safe and secure storage of the records including X-Ray. Only conventional X-Ray will be accepted for record purposes and not the digital one). X-Ray must meet ILO criteria (17 x14 inches and of good quality).
- iv. The Proponent shall maintained a record of performance indicators for workers which includes (a) there should not be a significant decline in their Body Mass Index and it should stay between 18.5 -24.9, (b) the Final Chest X-Ray compared with the base line X-Ray should not show any capacities,(c) At the end of their leaving job there should be no Diminution in their Lung Functions Forced Expiratory Volume in one second (FEV1),Forced Vital Capacity (FVC), and the ratio) unless they are smokers which has to be adjusted, and the effect of age, (d) their hearing should not be affected. As a proof an Audiogram (first and last need to be presented), (e) they should not have developed any Persistent Back Pain, Neck Pain, and the movement of their Hip, Knee and other joints should have normal range of movement, (f) they should not have suffered loss of any body part. The record of the same should be submitted to the Regional Office, MoEF&CC/SEIAA annually along with details of the relief and compensation paid to workers having above indications.
- v. The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- vi. Project Proponent shall make provision for the housing for workers / labors or shall construct labor camps within / outside (company owned land) with necessary basic infrastructure / facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The

housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.

vii. The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry /SEIAA along with District Administration.

X. Environment Management Plan (EMP)

i. The project proponent should submit the proposed EMP on a six monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 should be strictly followed. The activities proposed for EMP shall be implemented in a time bound manner and annual report of implementation of the same along with documentary proof viz. photographs, purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF&CC / SEIAA annually along with audited statement.

ii. Project Proponent shall keep the funds earmarked for environmental protection measures in a separate account and refrain from diverting the same for other purposes. The Year wise expenditure of such funds should be reported to the MoEF&CC and its concerned Regional Office and SEIAA.

XI. Miscellaneous

i. The validity of this Environmental Clearance will be as provided in the Notification of MoEF&CC vide No. S.O.1807(E) dated 12.04.2022.

ii. The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC and SEIAA.

iii. The Project Authorities should inform to the Regional Office and SEIAA regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

iv. The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office/SEIAA, Central Pollution Control Board and State Pollution Control Board.

v. A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC and SEIAA.

vi. The concerned Regional Office of the MoEF&CC, SEIAA, SEAC and WBPCB shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC, SEIAA, SEAC and WBPCB officer(s) by furnishing the requisite data / information / monitoring reports.

XII. Additional Conditions imposed by SEAC :

1) The Proponent shall prepare a dust and noise minimization plan with adequate details. Care should be taken for prevention of occupational health issues of the workers. Amenities like personal protective equipments (PPEs) should be provided for them.

2) A post closure long-term vegetative stabilisation program should be submitted along with the six-monthly compliance report.

3) Afforestation/ vegetation should be attempted alongside the village roads or other public land @2500 trees/ha. If any tree (defined as per tree rules 2007) has to be felled, 5 times of the felled trees should be planted as compensatory plantation; the land for such plantation should be marked.

This may be done with prior approval of the local self governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life.

- 4) Monitoring of PM₁₀, PM_{2.5} and its SiO₂ (free silica) content should be done along with noise levels.
- 5) Dust suppression by sprinkling water should be adopted specially after dusty operations like drilling, blasting etc.
- 6) Year-wise excavation schedule showing breakup of pay-mineral (black stone) and waste rock may be clearly drawn up and areas may be demarcated for waste dumping. Site for intermediate stockpiling of the mineral may also be clearly demarcated and show in the surface plan.
- 7) As far as practicable the waste rock to be produced from the mine may be dumped in the existing pit-void adjacent to/ within the lease hold boundary. Any outside the pit dumping should be temporary in nature. All waste rock dumped outside the pit may be rehandled and backfilled in the mined-out area.
- 8) The proponent shall review the Progressive Mine Closure Plan every two years from the date of opening of the mine and shall submit the same to the officer authorised by the State Government in this behalf, for its approval under the West Bengal Minor Mineral Concession Rules, 2016. In the event of the progressive mine closure being not approved, or not deemed to be approved, the mining activities shall be discontinued.
- 9) One year prior to the proposed closure of the mine the proponent shall submit a Final Mine Closure Plan to the officer authorised by the State Government in this behalf, for approval under the West Bengal Minor Mineral Concession Rules, 2016.
- 10) The project proponent shall ensure that the protective measures contained in the Mine Closure Plan referred to hereinabove including the reclamation and rehabilitation work are carried out in accordance with the approved Mine Closure Plan or with such modifications as are approved by the officer authorised by the State Government in this behalf under the West Bengal Minor Mineral Concession Rules, 2016.
- 11) In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the proponent shall submit to the officer authorised by the State Government in this behalf, a yearly report before 1st of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved Mine Closure Plan, and if there is any deviation, reasons thereof.
- 12) For the purpose of carrying out mining operation in the area, the proponent shall furnish financial assurance. The amount of financial assurance shall be as laid down in the West Bengal Minor Mineral Concession Rules, 2016. The financial assurance may be in any of the forms referred to in the said Rules.
- 13) Effects of blasting to the nearby localities should be examined and remedial plan should be in line with approved mine plan and as per rules of Mine Safety Authority.
- 14) Needs of the locality may be assessed and a social part of the EMP should be undertaken as stipulated by MoEF&CC.
- 15) The unit should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Rules, 2007. If any tree is cut, five times compensatory plantation should be provided.

3.9.5.2. Standard

1(a)	Mining of minerals
Statutory compliance	

1.	The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project
1.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
1.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. TThe implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).
1.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
1.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority
1.	Solid/hazardous waste generated in the mines needs to addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.
1.	Permission of power supply to be taken from the concerned authority for meeting power demand of the project site.
1.	The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.
1.	Validity of EC is as per life of the mine mentioned in EC letter or 30 years as per EIA Notification, 2006 and its amendments therein
Air quality monitoring and mitigation measure	
1.	Adequate ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for monitoring of pollutants, namely particulates, SO ₂ and NO _x . Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive receptors in consultation with the State Pollution Control Board. Online ambient air quality monitoring station/stations may also be installed in addition to the regular air monitoring stations as per the requirement and/or in consultation with the SPCB
1.	The Ambient Air Quality monitoring in the core zone shall be carried out to ensure the Coal Industry Standards notified vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board. Data on ambient air quality and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly reported to the Ministry/Regional Office and to the CPCB/SPCB.
1.	Transportation of coal, to the extent if permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water sprinkling/rain gun/ Fog cannon /mist sprinkling etc., shall be carried out in critical areas prone to air pollution with higher level of particulate matter all through the coal transport roads, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.
1.	Major approach roads shall be black topped and properly maintained.
1.	PP to install solar lights along the road used for transportation of coal to avoid the accidents at night and also seek its maintenance.

1.	The transportation of coal shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the coal through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.
1.	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.
1.	Coal stock pile/crusher/feeder and breaker material transfer points shall invariably be provided with dust suppression system. Belt-conveyors shall be fully covered to avoid air borne dust. Side cladding all along the conveyor gantry should be made to avoid air borne dust. Drills shall be wet operated or fitted with dust extractors.
1.	Coal handling plant shall be operated with effective control measures w.r.t. various environmental parameters. Environmental friendly sustainable technology should be implemented for mitigating such parameters.
1.	Adequate number of Fog canon (mist sprayer) shall be installed to reduce the impact of air pollution at dust generating sources with time bound action plan.
1.	PP should Install Wind breaker/shield arrangement along the railway siding for reducing the dust propagation in upwind direction.
1.	Post environmental closure third party monitoring by reputed instituted in air quality, water, land & soil etc shall be carried out and analysed with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&CC for compliance. The data used for analysis shall be obtained from continuous AQMS, site specific water regime. Also third party shall analyses the implementation of river diversion, meeting to the requirement of project report.
Water quality monitoring and mitigation measures	
1.	The effluent discharge (mine waste water, workshop effluent) shall be monitored in terms of the parameters notified under the Water Act, 1974 Coal Industry Standards vide GSR 742 (E) dated 25th September, 2000 and as amended from time to time by the Central Pollution Control Board.
1.	The monitoring data shall be uploaded on the company's website and displayed at the project site at a suitable location. The circular No.J-20012/1/2006-1A.11 (M) dated 27th May, 2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.
1.	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease area by establishing a network of existing wells and constructing new piezometers during the mining operations. The monitoring of ground water levels shall be carried out four times a year i.e. pre-monsoon, monsoon, post-monsoon and winter. The ground water quality shall be monitored once a year, and the data thus collected shall be sent regularly to MOEFCC/RO.
1.	Monitoring of water quality upstream and downstream of river including ponds, lakes, tanks shall be carried out once in six months and record of monitoring data shall be maintained and submitted to the Ministry of Environment, Forest and Climate Change/Regional Office.
1.	Ground water, excluding mine water, shall not be used for mining operations. Rainwater harvesting shall be implemented for conservation and augmentation of ground water resources.
1.	The project proponent shall not alter major water channels around the site. Appropriate embankment shall be provided along the side of the river/nallah flowing near or adjacent to the mine. The embankment constructed along the river/nallah boundary shall be of suitable dimensions and critical patches shall be strengthened by stone pitching on the river front side, stabilized with plantation so as to withstand the peak water pressure preventing any chance of mine inundation.
1.	Garland drains (of suitable size, gradient and length) around the critical areas i.e. mine shaft and low lying areas, shall be designed keeping at least 50% safety margin over and above the peak sudden rainfall and maximum

	discharge in the area adjoining the mine sites. The sump capacity shall also provide adequate retention period to allow proper settling of silt material of the surface runoff
1.	The water pumped out from the mine, after siltation, shall be utilized for industrial purpose viz. watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly
1.	Industrial waste water from coal handling plant and mine water shall be properly collected and treated so as to conform to the standards prescribed under the Environment (Protection) Act, 1986 and the Rules made thereunder, and as amended from time to time. Oil and grease trap shall be installed before discharge of workshop effluent. Sewage treatment plant of adequate capacity shall be installed for treatment of domestic waste water.
1.	Adequate groundwater recharge measures shall be taken up for augmentation of ground water. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
1.	The surface drainage plan including surface water conservation plan for the area of influence affected by the said mining operations shall be prepared, considering the presence of any river/rivulet/pond/lake etc., with impact of mining activities on it, and implemented by the project proponent. The surface drainage plan and/or any diversion of natural water courses shall be as per the provisions of the approved Mining Plan/ EIA-EMP submitted to this Ministry and the same should be done with due approval of the concerned State/GoI Authority. The construction of embankment to prevent any danger against inrush of surface water into the mine should be as per the approved mining plan and as per the permission of DGMS.
1.	The project proponent shall take all precautionary measures to ensure reverian/ riparian ecosystem in and around the coal mine upto a distance of 5 km. A revarian /riparian ecosystem conservation and management plan should be prepared and implemented in consultation with the irrigation / water resource department in the state government.
1.	Domestic water shall be providing to the residents/villages which are coming under the zone of influence of the project due to ground water extraction by installing a RO plant with proper supply line and Taps within 2 years
1.	No obsolete technologies for sewage treatment shall be implemented. Construction of Sewage Treatment Plant with latest technology should be completed within 2 years and treated water shall be reused for plantation. CTE and CTO of STP shall be obtained as per the norms.
Noise and Vibration monitoring and prevention	
1.	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
1.	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.
Mining Plan	
1.	5- Star Rating is mandatory to obtaine certification as per guidelines of Mininstry of Coal
1.	Mining shall be carried out under strict adherence to provisions of the Mines Act 1952 and subordinate legislations made there-under as applicable.
1.	No change in mining method i.e. UG to OC, calendar programme and scope of work shall be made without obtaining prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC).

1.	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) abiding by mining laws related to coal mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).
1.	Underground work place environmental conditions shall be rendered ergonomic and air breathable with adequate illumination in conformance with DGMS standards.
1.	No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.
1.	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.
1.	Transportation by Railway Siding shall be developed to avoid transportation by Road

Land Reclamation

1.	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change(MOEFCC) from time to time shall be submitted to MOEFCC/Regional Office (RO).
1.	Post-mining land be rendered usable for agricultural/forestry purposes and shall be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan, issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.
1.	Regular monitoring of subsidence movement on the surface over and around the working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil/suitable material.
1.	Fly ash shall be used for external dump of overburden, backfilling or stowing of mine as per provisions contained in clause (i) and (ii) of subparagraph (8) of fly ash notification issued vide SO 2804 (E) dated 3rd November, 2009 as amended from time to time. Efforts shall be made to utilize gypsum generated from Flue Gas Desulfurization (FGD), if any, along with fly ash for external dump of overburden, backfilling of mines. Compliance report shall be submitted to Regional Office of MoEF&CC, CPCB and SPCB.
1.	A separate team for subsidence monitoring and surface mitigation measures shall be constituted and continuous monitoring & implementation of mitigation measures be carried out.
1.	Thorough inspection of the mine lease area for any cracks developed at the surface due to mining activities below ground shall be carried out to prevent inrush of water in the mine.
1.	Native tree species shall be selected and planted over areas affected by subsidence.
1.	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.

Public hearing and Human health issues

1.	Adequate illumination shall be ensured in all mine locations (as per DGMS standards) and monitored.
1.	The project proponent shall undertake occupational health survey for initial and periodical medical examination of the personnel engaged in the project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS circulars. Besides regular periodic health check-up, 20% of the personnel identified from

	workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, as amended time to time.
1.	Personnel (including outsourced employees) working in core zone shall wear protective respiratory devices and shall also be provided with adequate training and information on safety and health aspects.
1.	Skill training as per safety norms specified by DGMS shall be provided to all workmen including the outsourcing employees to ensure high safety standards in mines.
1.	Effective arrangement shall be made to provide and maintain at suitable points conveniently situated, a sufficient supply of drinking water for all the persons employed.
1.	Implementation of the time bound action plan on the issues raised during the public hearing shall be ensured. The project proponent shall undertake all the tasks/measures as per the time bound action plan submitted with budgetary provisions during the public hearing. Land oustees shall be compensated as per the norms laid down in the R&R policy of the company/State Government/Central Government, as applicable.
1.	The project proponent shall follow the mitigation measures provided in this Ministry's OM No.Z-11013/5712014-IA.II (M) dated 29th October, 2014, titled 'Impact of mining activities on habitations-issues related to the mining projects wherein habitations and villages are the part of mine lease areas or habitations and villages are surrounded by the mine lease area'.
1.	PP to conduct need based assessment survey of the area to for in order to decide the activities to be carried under the CSR and to provide detail of the activity carried out with adequate budgetary provision and time bound action plan.
1.	PP should conduct epidemiology study to (analysis of the distribution, patterns and determinants of health and disease conditions in defined populations).
1.	Permanent Health care facilities of Hospital should be established within 5 km of project boundary for the local people.
1.	PP must ensure an emergency action plan during pandemic in order to provide assistance to the nearby villages located within the 10 km radius buffer zone (If required)
1.	PP is asked to also identify the rural areas for installation of solar light with its maintenance within the study area of 10 km radius buffer zone with time bound action plan
1.	PP to take measure for installation of Renewable Energy sources in nearby area falling within 10 km radius
Corporate Environment Responsibility	
1.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders.
1.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
1.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

1.	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
1.	PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground. A dedicated team to oversee environment management shall be setup which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis. Any non- compliance or infringement should be reported to the concerned authority
Miscellaneous	
1.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
1.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
1.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
1.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
1.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
1.	The project authorities shall inform to the Regional Office of the MOEFCC regarding commencement of mining operations.
1.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
1.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
1.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
1.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
1.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
1.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
1.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

1.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
1.	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during presentation to the EAC. All the commitments made on the issues raised during public hearing shall also be implemented in letter and spirit.
1.	Compensation of the land acquired for the project shall be settled as per the R&R Policy. Adequate facility of drinking water, plantation and other social amenities should be provided to established R&R villages.
1.	Persons of nearby villages shall be given training on livelihood and skill development to make them employable with its proper records.
1.	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day light/night hours

3.10. Agenda Item No 10:

3.10.1. Details of the proposal

Bhatpara Sand Mine by SUBHRANGSU GHOSH located at MEDINIPUR WEST, WEST BENGAL			
Proposal For		Amendment in EC	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/499271/2024	2N-54/2020(E)	02/10/2024	Mining of minerals (1(a))

3.10.2. Deliberations by the committee in previous meetings

<p>Date of SEAC 1 :05/10/2024</p> <p>Deliberations of SEAC 1 :</p> <ul style="list-style-type: none"> Based on the submission made by the PP, the SEAC recommended the proposal of amendment of Environmental Clearance for plot no. 172(P) and 175(P) in place of 172(P) and 194(P). All the conditions mentioned in the Environmental Clearance shall remain unaltered.

3.10.3. Deliberations by the SEIAA in current meetings

<p><u>INTRODUCTION</u></p> <p>The proponent made online application vide proposal no. SIA/WB/MIN/499271/2024 dated 02 October 2024 seeking amendment in Environmental Clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. 1(a) Mining of minerals projects under Category "B2" of EIA Notification 2006.</p> <p>Earlier, the PP obtained Environmental Clearance issued by SEIAA vide EC Identification No. EC24B001WB110314 dated 24.05.2024 against proposal no. SIA/WB/MIN/261603/2022 for Bhatpara Sand Mine over an area of 2.30 ha</p>

(5.68 Acres) on the Kangshabati River at Plot No: - 172(P) & 194(P), J.L. No. - 84, Mouza: - Bhatpara, P.S. - Medinipur, District: - Paschim Medinipur, West Bengal.

Now, the PP applied for amendment in EC for plot no. 172(P) and 175(P) in place of 172(P) and 194(P).

SEAC, during its 50th meeting held on 05.10.2024, recommended the proposal of amendment of Environmental Clearance for plot no. 172(P) and 175(P) in place of 172(P) and 194(P). All the conditions mentioned in the Environmental Clearance shall remain unaltered.

PROJECT DETAILS

The project of **Subhrangsu Ghosh** located is as follows :

S. No.	State	District
(1)	West Bengal	Paschim Medinipur

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/499271/2024 in PARIVESH Portal.**

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC, the submission made by the PP and decided that the PP should submit the revised LoI document showing the corrected plot nos. as shown in the revised mine plan.

3.10.4. Recommendation of SEIAA

Deferred for ADS

3.11. Agenda Item No 11:

3.11.1. Details of the proposal

PURBA PREMGANJ SAND MINE (MIN_JPG_26) by WEST BENGAL MINERAL DEVELOPMENT AND TRADING CORPORATION LIMITED located at JALPAIGURI, WEST BENGAL

Proposal For		Fresh ToR	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/496092/2024	2N-141/2024(E)	21/09/2024	Mining of minerals (1(a))

3.11.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :05/10/2024

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Jalpaiguri district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-

1. Drone videography of the entire project area explicitly showing the entire project site along with the existing tree plantation/green belt. Minimum 2 minute video to be submitted.

2. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.

3. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.

4. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

5. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.

6. Being a mine in operation, the plantation created so far may be submitted with geotagged photographs.

7. EIA should also include detailed study of the baseline condition and impact on aquatic flora and fauna.

8. The project cost may include the auction bid value, estimated royalty to be paid, cost of any infrastructure built like office space, stockyard, etc. The calculation/documents to estimate the project cost should be submitted. The planned expenditure for components like need-based activities may be derived based on the project cost.

9. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. Evidence of the activities should be provided by photographs with geo-coordinates. The activities should be completed within the first two years of the project life.

10. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.

11. Management plan including the final closure plan of haul road to be submitted.

12. Study and protection plan of the aquatic life available both during the mining and non-mining seasons should be provided.

The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.

All the documents should be duly signed both by the project proponent and the environmental consultant.

3.11.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/496092/2024** dated **21 September 2024** seeking Terms of Reference under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B1**" of EIA Notification 2006. SEAC, during its 50th meeting held on 05.10.2024, recommended issuance of Standard Terms of Reference for EIA preparation for the project with additional conditions.

PROJECT DETAILS

The project of **M/s. West Bengal Mineral Development and Trading Corporation Limited.** located is as follows :

S. No.	State	District
(1)	West Bengal	Jalpaiguri

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/496092/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and approved ToR with the additional condition that potential impact study in the EIA should be done considering the cumulative effect of all the mines in the cluster situation, if any.

3.11.4. Recommendation of SEIAA

Approved

3.11.5. Details of Terms of Reference

3.11.5.1. Specific

Annexure - A

Annexure - A

Executive Summary

1. The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points:
 - 1) Project name and location (Village, District, State, Industrial Estate (if applicable)).
 - 2) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.
 - 3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative).
 - 4) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.
 - 5) Measures for mitigating the impact on the environment and mode of discharge or disposal.
 - 6) Capital cost of the project, estimated time of completion.

- 7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10km. other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary).
- 8) Baseline environmental data - air quality, surface and ground water quality, soil characteristics, flora and fauna, socio-economic condition of the nearby population.
- 9) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
- 10) Likely impact of the project on air, water, land, flora-fauna and nearby population.
- 11) Emergency preparedness plan in case of natural or in plant emergencies.
- 12) Issues raised during public hearing (if applicable) and response given.
- 13) Environment Management Plan (EMP) as per Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 with proposed expenditure.
- 14) Occupational Health Measures.
- 15) Post project monitoring plan.

A. STANDARD TERMS OF REFERENCE

1. Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. 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.
2. A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
3. 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.
4. 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).
5. 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.
6. 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.
7. 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 EIA Report.
8. 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.
9. 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.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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.

15. The vegetation in the RF / PF areas in the study area, with necessary details, should be given.

16. 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.

17. 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.

18. 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 along with 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.

19. 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 Department should be secured and furnished to the effect that the proposed mining activities could be considered.

20. 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).

21. 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 sectorial 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.

22. 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.

23. 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 modeling 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.

24. 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.

25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.

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. 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.

28. 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.

29. 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 brought out.

30. 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.

31. 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.

32. 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.

33. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.

34. 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.

35. 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.

36. 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.

37. 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.

38. 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.

39. 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.

40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.

41. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

42. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.

43. 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.

44. Besides the above, the below mentioned general points are also to be followed:-

a. Executive Summary of the EIA/EMP Report (enclosed as **Annexure – A**).

b. All documents to be properly referenced with index and continuous page numbering.

c. Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.

d. Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.

e. Where the documents provided are in a language other than English, an English translation should be provided.

f. The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.

g. While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.

h. Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.

i. As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.

j. The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

B. Additional Terms of Reference imposed by SEAC –

1.

1) Drone videography of the entire project area explicitly showing the entire project site along with the existing tree plantation/green belt. Minimum 2 minute video to be submitted.

2) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.

3) A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.

4) The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

5) Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.

6) Being a mine in operation, the plantation created so far may be submitted with geotagged photographs.

7) EIA should also include detailed study of the baseline condition and impact on aquatic flora and fauna.

8) The project cost may include the auction bid value, estimated royalty to be paid, cost of any infrastructure built like office space, stockyard, etc. The calculation/documents to estimate the project cost should be submitted. The planned expenditure for components like need-based activities may be derived based on the project cost.

9) A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the

identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. Evidence of the activities should be provided by photographs with geo-coordinates. The activities should be completed within the first two years of the project life.

10) A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.

11) Management plan including the final closure plan of haul road to be submitted.

12) Study and protection plan of the aquatic life available both during the mining and non-mining seasons should be provided.

The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought hereinabove.

The West Bengal Pollution Control Board shall arrange public hearing as per EIA Notification, 2006 on submission of draft EIA/EMP prepared by the Project Proponent as per the above-mentioned ToRs. All the issues mentioned in the 'Public Hearing Report' and public consultation must also be addressed and incorporated in the final EIA / EMP report. The project proponent is requested to pursue the matter with the WBPCB for organizing the public hearing/consultation on submission of the draft EIA/EMP report as per the provision of EIA notification 2006 & its amendments. The project proponent is requested to submit the final EIA/EMP prepared as per the above-mentioned ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.

The ToR is valid for a period of 4 (four) years from the date of issue.

3.12. Agenda Item No 12:

3.12.1. Details of the proposal

Ghoradanga Sand Mine by JHM IMPORT EXPORT PRIVATE LIMITED located at BANKURA, WEST BENGAL			
Proposal For		Fresh ToR	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/499014/2024	2N-142/2024(E)	01/10/2024	Mining of minerals (1(a))

3.12.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :05/10/2024

Deliberations of SEAC 1 :

- Based on the submission and presentation made by the PP, the SEAC observed that **the plot area** for the proposed project as per the geo-coordinates mentioned in the revised Mining Plan uploaded by the PP **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-

1. Mine plan and mine closure plan should be properly uploaded in the portal.
2. The EIA report should be submitted considering the entire cluster situation.
3. Drone videography of the entire project area explicitly showing the entire project site along with the existing tree plantation/green belt. Minimum 2 minute video to be submitted.
4. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
5. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
6. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.
7. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
8. Being a mine in operation, the plantation created so far may be submitted with geotagged photographs.
9. EIA should also include detailed study of the baseline condition and impact on aquatic flora and fauna.
10. The project cost may include the auction bid value, estimated royalty to be paid, cost of any infrastructure built like office space, stockyard, etc. The calculation/documents to estimate the project cost should be submitted. The planned expenditure for components like need-based activities may be derived based on the project cost.
11. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. Evidence of the activities should be provided by photographs with geo-coordinates. The activities should be completed within the first two years of the project life.
12. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
13. Management plan including the final closure plan of haul road to be submitted.

14. Study and protection plan of the aquatic life available both during the mining and non-mining seasons should be provided.

The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.

All the documents should be duly signed both by the project proponent and the environmental consultant.

It is observed that there is another live ToR proposal (Proposal No. SIA/WB/MIN/421901/2023) pending in the portal which was taken up in the 38th SEAC meeting held on 18.05.2024. The PP is requested to withdraw the proposal and submit the status of withdrawal for further consideration of the instant proposal.

3.12.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/499014/2024** dated **01 October 2024** seeking Terms of Reference under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **1(a) Mining of minerals** projects under Category "**B1**" of EIA Notification 2006. SEAC, during its 50th meeting held on 05.10.2024, recommended issuance of Standard Terms of Reference for EIA preparation for the project with additional conditions.

PROJECT DETAILS

The project of **M/s. JHM Import Export Private Limited** located is as follows :

S. No.	State	District
(1)	West Bengal	Bankura

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/499014/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and approved ToR with the additional condition that potential impact study in the EIA should be done considering the cumulative effect of all the mines in the cluster situation, if any.

3.12.4. Recommendation of SEIAA

Approved

3.12.5. Details of Terms of Reference

3.12.5.1. Specific

Annexure - A

1.	Annexure - A Executive Summary
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The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points:

- 1) Project name and location (Village, District, State, Industrial Estate (if applicable)).
- 2) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.
- 3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative).
- 4) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.
- 5) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- 6) Capital cost of the project, estimated time of completion.
- 7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of its acquisition, nearby (in 2-3 km.) water body, population, within 10km. other industries, forest, eco-sensitive zones, accessibility, (note - in case of industrial estate this information may not be necessary).
- 8) Baseline environmental data - air quality, surface and ground water quality, soil characteristic, flora and fauna, socio-economic condition of the nearby population.
- 9) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
- 10) Likely impact of the project on air, water, land, flora-fauna and nearby population.
- 11) Emergency preparedness plan in case of natural or in plant emergencies.
- 12) Issues raised during public hearing (if applicable) and response given.
- 13) Environment Management Plan (EMP) as per Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 with proposed expenditure.
- 14) Occupational Health Measures.
- 15) Post project monitoring plan.

A. STANDARD TERMS OF REFERENCE

1. Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. 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.
2. A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
3. 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.
4. 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).
5. 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.
6. 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.

7. 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 EIA Report.

8. 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.

9. 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.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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.

15. The vegetation in the RF / PF areas in the study area, with necessary details, should be given.

16. 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.

17. 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.

18. 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 along with 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.

19. 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 Department should be secured and furnished to the effect that the proposed mining activities could be considered.

20. 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).

21. 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 sectorial 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.

22. 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.

23. 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 modeling 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.

24. 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.

25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.

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. 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.

28. 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.

29. 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 brought out.

30. 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.

31. 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.

32. 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.

33. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.

34. 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.

35. 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.

36. 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.

37. 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.

38. 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.

39. 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.

40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.

41. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.

42. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.

43. 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.

44. Besides the above, the below mentioned general points are also to be followed:-

- a. Executive Summary of the EIA/EMP Report (enclosed as **Annexure – A**).
- b. All documents to be properly referenced with index and continuous page numbering.
- c. Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
- d. Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
- e. Where the documents provided are in a language other than English, an English translation should be provided.
- f. The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g. While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h. Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i. As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j. The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

B. Additional Terms of Reference imposed by SEAC –

1. Mine plan and mine closure plan should be properly uploaded in the portal.
2. The EIA report should be submitted considering the entire cluster situation.
3. Drone videography of the entire project area explicitly showing the entire project site along with the existing tree plantation/green belt. Minimum 2 minute video to be submitted.
4. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
5. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
6. The PP has to do tree plantation in an area equivalent to 33% of the lease area @2500 trees / ha within first two years from the starting of the mining operation. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted

during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region. Spatial year wise progressive plantation programme to be submitted.

7. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.

8. Being a mine in operation, the plantation created so far may be submitted with geotagged photographs.

9. EIA should also include detailed study of the baseline condition and impact on aquatic flora and fauna.

10. The project cost may include the auction bid value, estimated royalty to be paid, cost of any infrastructure built like office space, stockyard, etc. The calculation/documents to estimate the project cost should be submitted. The planned expenditure for components like need-based activities may be derived based on the project cost.

11. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded. The activities should be completed within the first two years of the project life.

12. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.

13. Management plan including the final closure plan of haul road to be submitted.

14. Study and protection plan of the aquatic life available both during the mining and non-mining seasons should be provided.

While applying for environmental clearance, the PP shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought hereinabove.

The West Bengal Pollution Control Board shall arrange public hearing as per EIA Notification, 2006 on submission of draft EIA/EMP prepared by the Project Proponent as per the above-mentioned ToRs. All the issues mentioned in the 'Public Hearing Report' and public consultation must also be addressed and incorporated in the final EIA / EMP report. The project proponent is requested to pursue the matter with the WBPCB for organizing the public hearing/consultation on submission of the draft EIA/EMP report as per the provision of EIA notification 2006 & its amendments. The project proponent is requested to submit the final EIA/EMP prepared as per the above-mentioned ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.

The ToR is valid for a period of 4 (four) years from the date of issue.

3.13. Agenda Item No 13:

3.13.1. Details of the proposal

Greenfield Project for manufacturing of 300000 TPA Cold Rolling / Galvanized Plane / Galvanized corrugated Sheet & Coil / Color Coated Sheets by M/S CAPTAIN BUILDING PRODUCTS PRIVATE LIMITED at Garbeta- III, Garbeta Industrial Park, Dist. Paschim Midnapur, State West Bengal by RAMESH KUMAR JHUNJHUNWALA located at MEDINIPUR WEST, WEST BENGAL

Proposal For		Amendment in ToR	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/IND1/498477/2024		26/09/2024	Metallurgical Industries (ferrous and non ferrous) (3(a))

3.13.2. Deliberations by the committee in previous meetings

<p>Date of SEAC 1 :05/10/2024</p> <p>Deliberations of SEAC 1 :</p> <ul style="list-style-type: none"> Based on the submission made by the PP, the SEAC observed that as per the provision of EIA Notification 2006 and its subsequent amendments, there is no provision for exemption for Public Hearing for the project. The project proponent is requested to submit the final EIA/EMP prepared as per the ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.

3.13.3. Deliberations by the SEIAA in current meetings

<p>INTRODUCTION</p> <p>The proponent made online application vide proposal no. SIA/WB/IND1/498477/2024 dated 26 September 2024 seeking amendment in Terms of Reference under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. 3(a) Metallurgical Industries (ferrous and non ferrous) projects under Category "B1" of EIA Notification 2006.</p> <p>Earlier, the PP obtained Terms of Reference (ToR) issued by SEIAA vide ToR Identification No. TO24B1012WB5264126N, File No. EN/T-II-I/089/2024 dated 19/07/2024 against proposal number SIA/WB/IND1/472508/2024.</p> <p>SEAC, during its 50th meeting held on 05.10.2024, observed that as per the provision of EIA Notification 2006 and its subsequent amendments, there is no provision for exemption for Public Hearing for the project. The project proponent is requested to submit the final EIA/EMP prepared as per the ToRs and incorporating all the issues raised during Public Hearing / Public Consultation to the SEAC for further consideration of the proposal for environmental clearance.</p> <p>PROJECT DETAILS</p> <p>The project of M/s. Captain Building Products Private Limited (Ramesh Kumar Jhunjunwala) located is as follows :</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>State</th> <th>District</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>West Bengal</td> <td>Paschim Medinipur</td> </tr> </tbody> </table> <p>The salient features of the project submitted by the project proponent is available under online proposal no. SIA/WB/IND1/498477/2024 in PARIVESH Portal.</p> <p><u>Deliberations by the SEIAA</u></p> <p>SEIAA considered the recommendation of SEAC and rejected the amendment in ToR.</p>	S. No.	State	District	(1)	West Bengal	Paschim Medinipur
S. No.	State	District				
(1)	West Bengal	Paschim Medinipur				

3.13.4. Recommendation of SEIAA

Reject

4. Any Other Item(s)

N/A

5. List of Attendees

Sr. No.	Name	Designation	Email ID	Remarks
1	Shri Dharmdeo Rai IFS	Member Secretary, SEIAA	env*****@gmail.com	
2	Dr Ashit Kumar Mukherjee	Chairman, SEIAA	ash*****@yahoo.com	
3	Dr Nilangshu Bhusan Basu	SEIAA Member	nb.*****@gmail.com	



Signature Not Verified

Digitally Signed by: Shri Dharmdeo Rai
IFS
Member Secretary, SEIAA

Date: 20/11/2024

