



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



Minutes of 57th meeting of SEIAA (Reconstituted on 17.05.2023) State Environment Impact Assessment Authority meeting held from 20/12/2024 to 20/12/2024 **Date:** 24/12/2024

MoM ID:	EC/MOM/SEIAA/279922/12/2024	
Agenda ID:	EC/AGENDA/SEIAA/279922/12/2024	
Meeting Venue:	Conference Room of Environment Department, Prani Sampad Bhavan, 5th Floor, LB Block, Sector III, Salt Lake, Kolkata 700106.	
Meeting Mode:	Hybrid	
Date & Time:		
	20/12/2024	02:00 PM
		06:00 PM

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 56th Meeting of SEIAA, WB is uploaded in the PARIVESH Portal.

3. Details of proposals considered by the committee

Day 1 -N/A

3.1. Agenda Item No 1:

3.1.1. 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))

3.1.2. 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 :

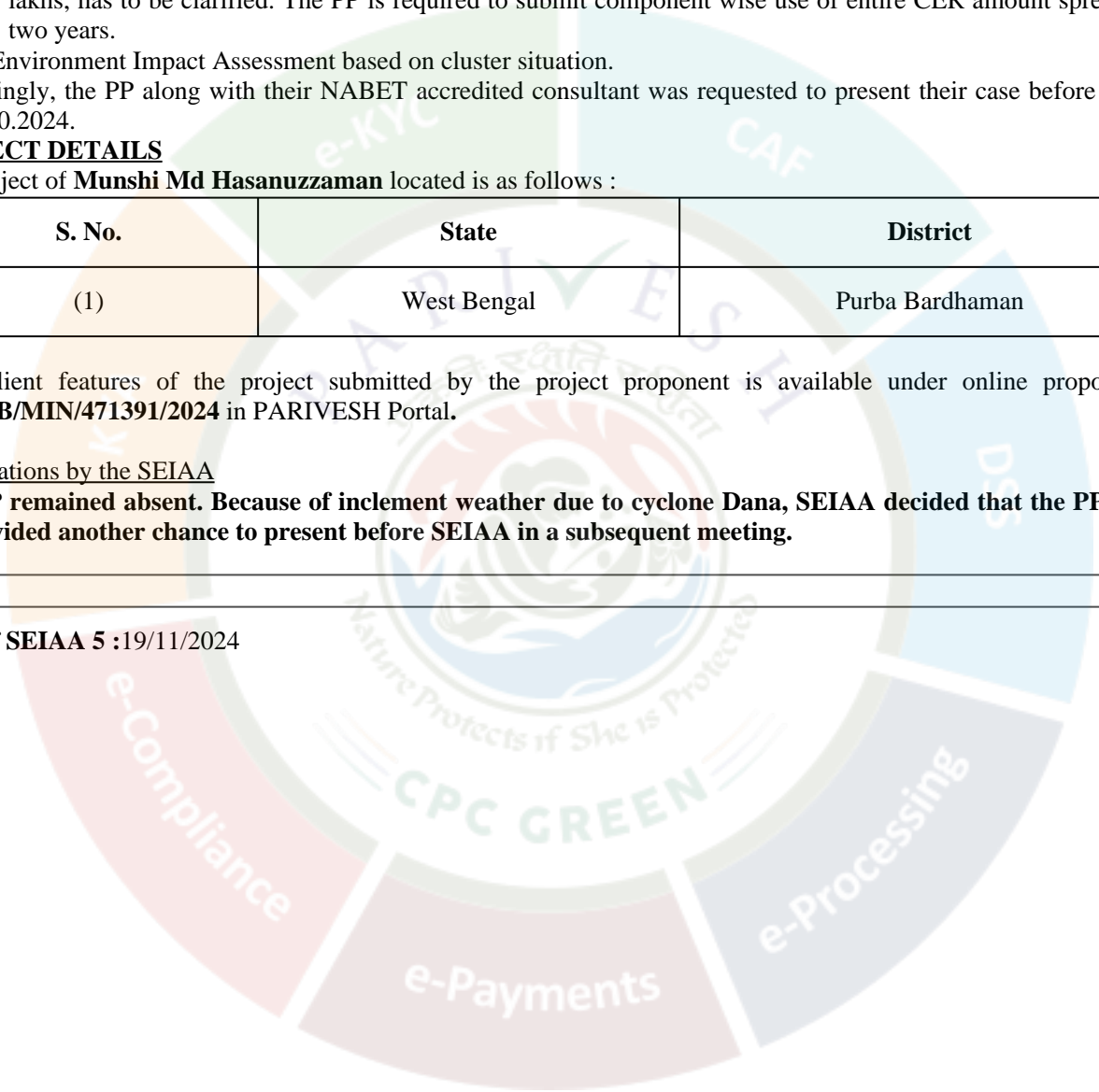
S. No.	State	District
(1)	West Bengal	Purba Bardhaman

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.

Date of SEIAA 5 :19/11/2024



Deliberations of SEIAA 5 :

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
(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

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.

Date of SEIAA 6 :10/12/2024

Deliberations of SEIAA 6 :

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. During the 54th meeting of SEIAA held on 19.11.2024, 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.

PP uploaded their reply on the PARIVESH portal on 05.12.2024.

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

SEIAA considered the recommendation of SEAC, submission by the PP and decided that the PP has not uploaded the presentation which they are required to make before SEIAA. PP also did not appear for the presentation in previous two opportunities provided to them. SEIAA decided to provide one more opportunity to the PP to make the presentation failing which the project will be rejected.

3.1.3. 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. 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.

PP uploaded their reply in the PARIVESH portal on 17.12.2024 and was called for a presentation on 20.12.2024.

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

SEIAA considered the recommendation of SEAC as well as presentation made before SEIAA and decided that the application for Keotsa Sand Mine over an area of 3.00 ha (7.41 acres) on the Ajay River at 444(P), 445(P) & 662(P), J.L No- 88, Mouza-Keotsa, P.S.- Mongalkote, Dist. – Purba Bardhaman, West Bengal by Munshi Md Hasanuzzaman falling within the DSR potential zone code BBD_MK_AJ_03, PBBD_KG1_AJ_05_06 is approved for EC with the following additional condition that 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.

3.1.4. Recommendation of SEIAA

Approved

3.1.5. Details of Environment Conditions

3.1.5.1. Specific

General Conditions:-

1. In case the mining area or a part thereof is private land not owned by the Project Proponent (PP), then a written permission should be obtained regarding consent of the land owner(s) concerned for carrying out the mining operation before commencement of any mining activity.
2. The PP shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing, if held.
3. Apart from possessing a valid lease the proponent shall obtain all other necessary permissions before commencement of any mining or allied activity at the lease hold area.
4. The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 must be followed strictly.

5. It shall be the responsibility of the PP to abide by and to comply with all the provisions made and restrictions imposed, — particularly those regarding environment management practices, by and under the West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021 and the West Bengal Minor Minerals Concession Rules, 2016, failing which the EC shall be liable to be cancelled.

6. The EC is granted on the condition that the lease area falls under the potential sand mining area earmarked in the District Level Survey Report (DSR). Mining shall be done only in an area/ stretch which has been identified in the DSR as well as in the approved Mining Plan.

7. No river bed mining shall be allowed beneath 3 meters of the river bed.

8. The depth of mining in riverbed shall also not exceed one meter above groundwater (base flow) level.

9. No River sand mining shall be carried out in monsoon season, as declared by the concerned District Authority.

10. The PP shall submit Annual Replenishment Report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased accordingly.

11. If the lease hold area is located in hilly terrain, it is to be ensured by the PP that the mine working depth is limited to 1.0 metre below the riverbed level.

12. In case the lease area, or a part of it, falls in the river flood plain[1], a buffer of three metre to be left from the river bank for mining. (non river-bed sand mining)

13. In case the lease area, or a part of it, is an agricultural field, a buffer of three metre land shall be left between the mine boundary and the adjacent field. (non river-bed sand mining)

14. Mining shall be done in layers of not more than 1 metre depth to avoid ponding effect and only after the first layer is excavated, the process will be repeated for the second layer and so on.

15. The PP shall get the baseflow and groundwater level (water table) monitored on monthly basis. The water level should be referenced to both the 'mean sea level' and the 'local ground level'. During sand mining operations, a network of existing wells shall be established around the sand mining area and piezometers shall be installed at all sand quarry sites. A minimum of four piezometers shall be installed in the no-mining zone around the sand quarrying area. Monitoring of groundwater quality in the vicinity (one km radius from the sand quarrying site) shall be carried out once in every two months.

16. Any area falling within 7.5 metre or 12.5% of the river width, whichever is more, from the river bank (towards the channel) will be left intact as no mining zone.

Subject to above the PP shall identify the central 3/4 part of river on map where there is a deposition of sand and remaining 1/4 part shall be left intact as no mining zone for the protection of the bank.

17. No stream shall be diverted for the purpose of sand mining. No natural water course and/ or water resources shall be obstructed due to mining operations.

18. No blasting shall be resorted to in river bed sand/ gravel mining and no blasting operation shall be carried out without permission at any other place.
19. Irrespective of the location, thickness of sand deposition, agricultural land/ riverbed, the method of mining shall conform to the orders / directions passed by any Court of Law / Tribunal time to time and in compliance with the Sustainable Sand Mining Guidelines 2016 and the Enforcement & Monitoring Guidelines for Sand Mining, 2020.
20. Mining shall begin only after pucca pillars marking the boundary of lease area are erected at the cost of the lease holder at every corner of the lease-hold area. Only after certification in this regard with the geo coordinates of the corner pillars is issued by the district mining officials, mining can commence. The geo coordinates of the corner pillars shall be made available to the District Level Committee.
21. The top soil in case of surface land mining shall be stored temporarily in an earmarked site and shall be, as far as practicable, concurrently used for land reclamation. {non river bed sand mining }
22. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This shall be produced before officers of the Central Government and/ or the State Government for inspection.
23. Noise arising out of mining and processing unit(s) shall be abated and controlled at source to keep noise level within permissible limit.
24. No sand mining activity shall be carried out between dusk to dawn, or as permitted by the local authority.
25. Infrastructure and facilities erected for the mine shall conform to the provisions made for the purpose at the sand ghat designated and demarcated (with geo referencing) and laid out for the purpose by the District administration.
26. In particular the PP shall ensure that the approach road, – from the proposed sand ghat to the sand storage depot, is planned and maintained with prior consent of the local Administration.
27. There shall be a single point of entry and exit point for all vehicles. In case it is necessary to have more than one entry/exit, all such points shall have check points with all digital monitoring facilities as mentioned in the 'Enforcement and Monitoring Guidelines for Sand Mining' (January, 2020) issued by the Ministry of Environment, Forest and Climate Change. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to make it impossible for any vehicle to enter or exit without an entry into the computerized system.
28. All such points shall have 24×7 CCTV coverage; the footage of the CCTV coverage shall be submitted to the District Collector by the PP at mutually agreed frequencies.
29. The PP shall ensure that pollution due to transportation is effectively controlled. The PP shall also ensure regular sprinkling of water.
30. Only potable water may be collected from nearby locality with prior permission of the

authority concerned. Water for other purposes shall be taken from the river.

31. It shall be the duty and responsibility of the PP to ensure that air pollution due to dust, exhaust emission or fumes during mining and processing phase are controlled and kept within permissible limits specified under environmental laws.

32. The mineral transportation shall be carried out through covered trucks/ tractors only and the vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be installed and used.

33. The mining operations are to be done in a systematic manner so that the operations shall not create a major visual impact on the site.

34. Restoration of flora affected by mining must be done immediately. Five times the number of trees destroyed by mining shall be planted (preferably of indigenous species) and maintained over the entire lease period.

Irrespective of the above the proponent shall plant and maintain, for the entire lease period, at least five trees per hectare of lease area in areas near the mine.

35. The PP shall ensure that, there is no damage to any fauna and its habitats/ nestings located close to the sand mining site, if any. The PP should receive clearance from the local Biodiversity Management Committee (BMC)[2] of the district concerned in this regard.

36. No felling of trees in or within the precincts of the mine shall be allowed. If a mining lease area, or a part of it, falls within 10 km from the periphery of any National Park/ Sanctuary or an Eco-Sensitive Zone or a Protected Area, no mining or related activity shall be undertaken without first obtaining a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL), in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004.

37. The PP shall take all necessary protective measures to ensure that no spring sources are affected due to mining activities.

38. Removal, stacking and utilization of top soil in mining area shall be ensured. Where top soil cannot be used concurrently, it shall be stored properly for future use.

39. No overhangs shall be allowed to be formed due to mining and mining shall not be undertaken in areas where landslide is likely to occur due to unfavourable steep angle of slope.

40. No extraction of stone/ boulder/ sand shall be undertaken in landslide prone areas.

41. If clearance of riparian vegetation is to be undertaken it must be done under the supervision and control of an appropriate government authority. It shall be the responsibility of the project proponent to ensure absolute compliance with the relevant provisions of the West Bengal Trees (Protection and Conservation in Non Forest Areas) Act, 2006, and the Rules framed there under.

42. To reduce visual impact of mining the PP shall ensure tidiness.

43. Dumping of waste, if any, shall be done only in earmarked places as approved in the mining plan.

44. No rubbish shall be disposed in the river bed.

45. The PP shall take all possible precautions for the protection of environment and control of pollution.
46. Effluent discharge should be kept to the minimum and it should meet the standards prescribed.
47. No mining shall be undertaken in a mining lease located within 1 km from bridges, highways and railway lines on both upstream and downstream sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 metres on the upstream and 500 metres on the downstream side.
48. Mining activities shall not be done for mine lease where mining can cause danger to site of flood protection works, places of cultural, religious, historical, and archaeological importance.
49. Only such vehicles as are having valid fitness and PUC Certificates, shall be used for transportation of sand.
50. The PP shall develop proper junction at takeoff points of approach road with main road, with proper width and geometry required for safe movement of traffic, at his own cost.
51. The PP shall ensure that the road may not be damaged due to transportation of the mineral; and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.
52. No stacking shall be allowed on road side along State/ National Highways.
53. Suitable sand depots will be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 04–06 ha (10-15 acres) with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government poramboke land[3].
54. The PP shall undertake phased restoration, reclamation and rehabilitation of land affected by mining and shall complete this work before abandonment of mine.
55. Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster.
56. The site specific plan for eco-restoration submitted by the proponent along with the EC application shall be properly implemented.
57. Transport of mineral shall not be done through villages/ habitations.
58. The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking.
59. The PP shall make arrangement for drinking water, first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers.

60. The PP shall implement the Disaster Management Plan if the mine lease area is located in Seismic Zone-IV. The Project Proponent shall appoint a Committee to have a check over any disaster to warn workers well before for the safety of the workers. Emergency helpline number will be displayed at all levels.

61. The PP shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project. Personal Health data like BP ECG, chest X-ray, PFT, smoking habits, blood and urine test etc. shall be undertaken once in six months to take necessary remedial/preventive measures. In this regard recommendations of National Institute of Occupational Health (NIOH) / Central Labour Institute (CLI) / All India Institute of Hygiene and Public Health (AIHH&PH) shall be adopted for ensuring good work-environment for mine workers.

62. The PP shall report monitoring data on replenishment, traffic management, levels of production, river-bank erosion, maintenance of roads etc.

63. A year-wise excavation schedule showing the breakup of pay-mineral (sand) and waste (if any) 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 shown in the surface plan.

64. The PP 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.

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

66. The PP 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.

67. In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the PP 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.

68. For the purpose of carrying out mining operation in the area, the PP shall furnish financial assurance. The amount of financial assurance^[4] 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.

69. The PP shall prepare a dust and noise minimization plan with adequate details and shall implement the same.

70. Needs of the locality shall be assessed and the social part of the EMP shall be undertaken as stipulated by MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Beneficiary of the social component of EMP should be identified and to be displayed at site.

71. The PP shall ensure that the provisions every relevant Acts, Rules Guidelines etc. shall be complied in both letter and spirit.

72. In particular, the PP shall ensure compliance with the provisions laid down in the following Acts/ Rules/ Guidelines.

a. The West Bengal Minor Minerals Concession Rules, 2016;

b. Sustainable Sand Mining Management Guidelines, 2016, issued by the Ministry of Environment, Forest and Climate change, Government of India;

c. Sand Mining Framework, 2018, issued by the Ministry of Mines, Government of India;

d. Enforcement & Monitoring Guidelines for Sand Mining, 2020, issued by the Ministry of Environment, Forest and Climate change, Government of India;

e. The West Bengal Sand Mining Policy, 2021; and,

f. The West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021.

73. Non-compliance of any of the terms and conditions mentioned hereinabove may lead to cancellation of the environmental clearance granted.

74. The Environmental Clearance is being issued without prejudice to any action initiated under the Environment (Protection) Act, 1986 or any court case pending in any court of law, and it does not mean that the project proponent has not violated any environmental law in the past, and all future decisions made or directives/ orders/ notifications/ circulars issued under the Environment (Protection) Act, 1986 shall be binding on the Project Proponent. Similarly, all verdicts/ orders of the Hon'ble Court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case(s) filed against her/ him, if any, or any action initiated against her/ him under the Environment (Protection) Act, 1986.

75. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under the Environment (Protection) Act, 1986.

76. 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.

77. The EC is granted for the project as proposed. In case any deviation or alteration in the project is contemplated the proponent will apply afresh for Environmental Clearance for the proposed modifications and/ or expansion of the project.

78. The stipulations made under other relevant Acts, - in particular the Wild Life (Protection) Act, 1972, the Water (Prevention and Control of Pollution) Act, 1974, the Forest (Conservation) Act, 1980, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991, and the rules and regulations made there under, shall be strictly complied with.

79. The State Government may, in its own discretion, impose such further conditions as it may deem fit, necessary or expedient. All such conditions will have to be complied with.

80. Non-compliance to any of the stipulated terms and conditions may lead to cancellation of the EC.

81. If you are aggrieved by the grant of this Environmental Clearance or by any of the terms and conditions imposed herein, you may, in your own discretion, within a period of thirty days from today, prefer an appeal before the National Green Tribunal (Eastern Zonal Bench, Kolkata), HFXC+VR5, Kadampukur Village, Newtown, New Town, West Bengal 700156, under Section 16 of the National Green Tribunal Act, 2010.

82. Additional conditions imposed by SEAC –

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.

[1] A floodplain is a generally flat area of land next to a river or stream and it stretches from

the banks of the river to the outer edges of the valley

[2] For all local bodies Biodiversity Management Committees (BMCs) of the WB State Biodiversity Board are constituted under Sec. 41(1) of the Biological Diversity Act, 2002

[3] *the land that doesn't fall under the list of revenue records.*

[4] Rupees 15 thousand per hectare of the mining lease area put to use for mining and allied activities or rupees fifty (50)thousand, whichever is higher

3.2. Agenda Item No 2:

3.2.1. 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))

3.2.2. 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 :

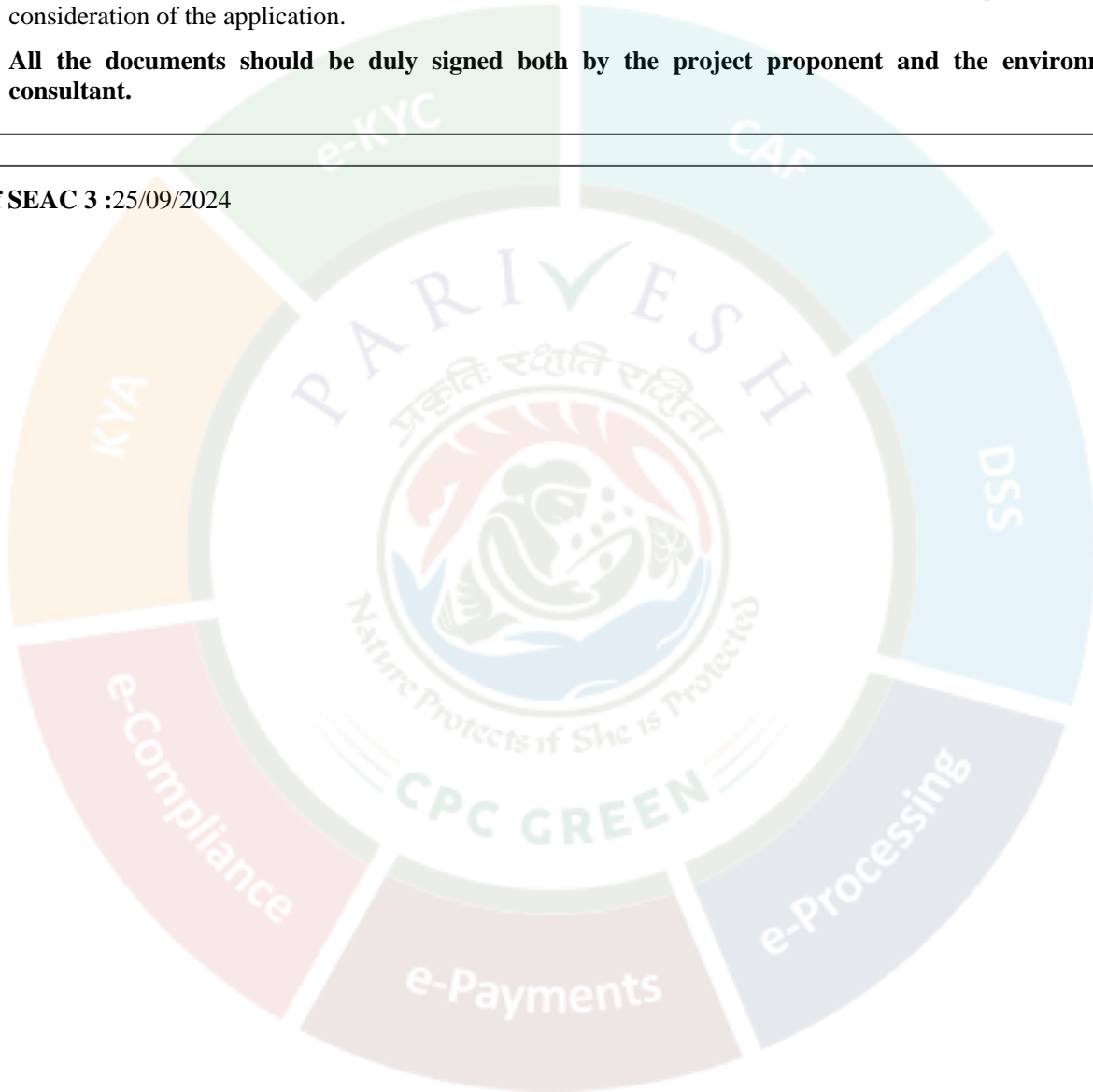
- The SEAC scrutinized the documents submitted by the PP in the 45th meeting of SEAC, WB (2023-2026) held on 07.08.2024. After careful consideration and detailed, the committee recommended that the project proponent should submit the following clarification in the PARIVESH portal :-

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

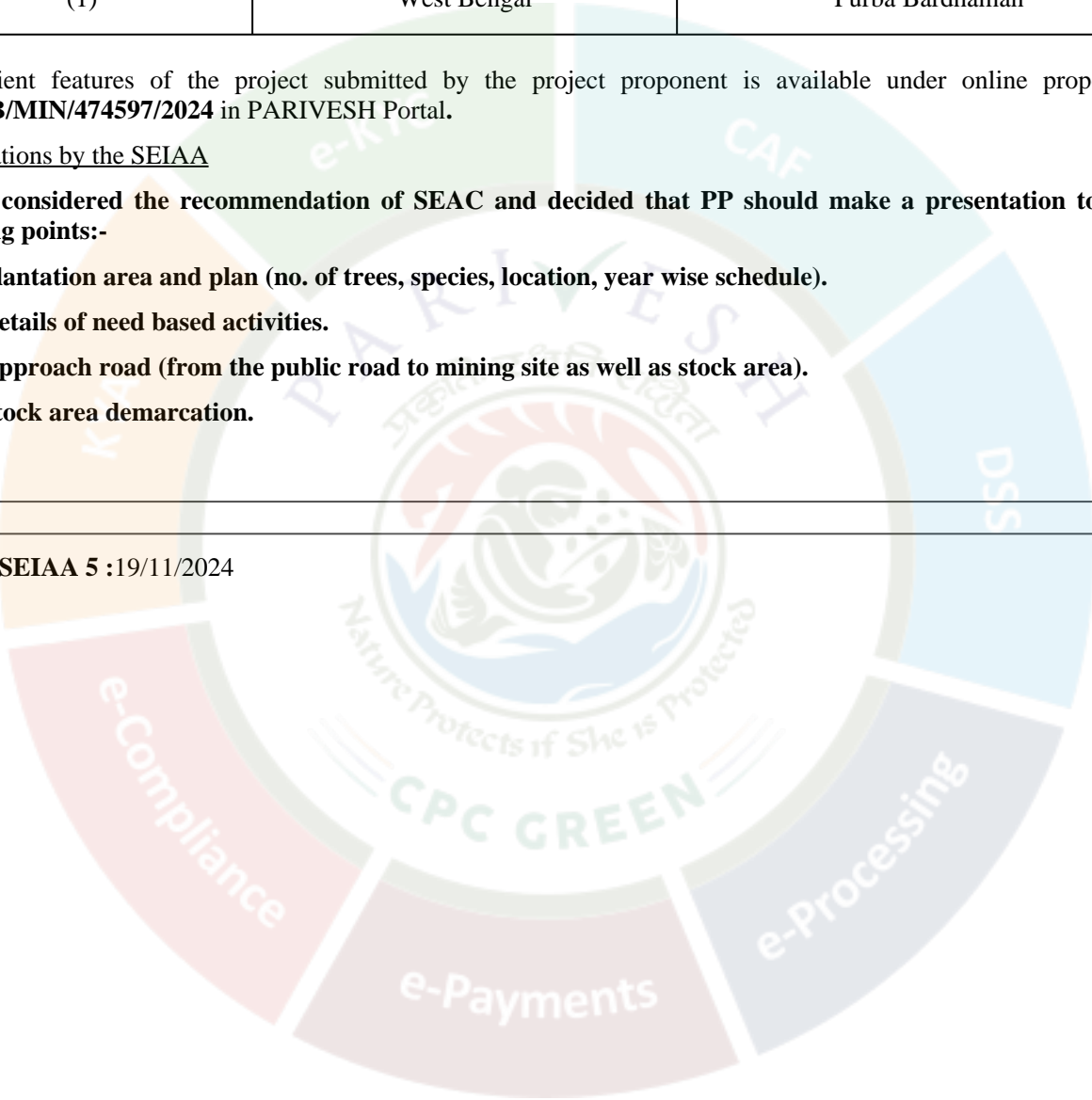
The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/474597/2024** in PARIVESH Portal.

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.**

Date of SEIAA 5 :19/11/2024



Deliberations of SEIAA 5 :

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.

3.2.3. 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. 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.

PP uploaded their reply in the PARIVESH portal on 09.12.2024 and was called for a presentation on 20.12.2024.

PROJECT DETAILS

The project of **M/s. Sayed Neajuddin** 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/474597/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC as well as presentation made before SEIAA and decided that the application for Dadpur Sand Mine over an area of 0.66 ha (1.63 Acres) on the river Damodar at Plot no: 422(P), J.L. No.-9, Mouza: Dadpur, Block & P.S.: Jamalpur, District: Purba Bardhaman, West Bengal by Sayed Neajuddin falling within the DSR potential zone code PBBD_JL_DA_18 is approved for EC with the conditions recommended by SEAC with the additional condition that 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.

3.2.4. Recommendation of SEIAA

Approved

3.2.5. Details of Environment Conditions

3.2.5.1. Specific

General Conditions:	
1.	<ol style="list-style-type: none"> 1. In case the mining area or a part thereof is private land not owned by the Project Proponent (PP), then a written permission should be obtained regarding consent of the land owner(s) concerned for carrying out the mining operation before commencement of any mining activity. 2. The PP shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing, if held. 3. Apart from possessing a valid lease the proponent shall obtain all other necessary permissions before commencement of any mining or allied activity at the lease hold area. 4. The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 must be followed strictly. 5. It shall be the responsibility of the PP to abide by and to comply with all the provisions made and restrictions imposed, — particularly those regarding environment management practices, by and under the West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021 and the West Bengal Minor Minerals Concession Rules, 2016, failing which the EC shall be liable to be cancelled. 6. The EC is granted on the condition that the lease area falls under the potential sand mining area earmarked in the District Level Survey Report (DSR). Mining shall be done only in an area/ stretch which has been identified in the DSR as well as in the approved Mining Plan. 7. No river bed mining shall be allowed beneath 3 meters of the river bed.

8. The depth of mining in riverbed shall also not exceed one meter above groundwater (base flow) level.
9. No River sand mining shall be carried out in monsoon season, as declared by the concerned District Authority.
10. The PP shall submit Annual Replenishment Report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased accordingly.
11. If the lease hold area is located in hilly terrain, it is to be ensured by the PP that the mine working depth is limited to 1.0 metre below the riverbed level.
12. In case the lease area, or a part of it, falls in the river flood plain[1], a buffer of three metre to be left from the river bank for mining. (non river-bed sand mining)
13. In case the lease area, or a part of it, is an agricultural field, a buffer of three metre land shall be left between the mine boundary and the adjacent field. (non river-bed sand mining)
14. Mining shall be done in layers of not more than 1 metre depth to avoid ponding effect and only after the first layer is excavated, the process will be repeated for the second layer and so on.
15. The PP shall get the baseflow and groundwater level (water table) monitored on monthly basis. The water level should be referenced to both the 'mean sea level' and the 'local ground level'. During sand mining operations, a network of existing wells shall be established around the sand mining area and piezometers shall be installed at all sand quarry sites. A minimum of four piezometers shall be installed in the no-mining zone around the sand quarrying area. Monitoring of groundwater quality in the vicinity (one km radius from the sand quarrying site) shall be carried out once in every two months.
16. Any area falling within 7.5 metre or 12.5% of the river width, whichever is more, from the river bank (towards the channel) will be left intact as no mining zone.
Subject to above the PP shall identify the central 3/4 part of river on map where there is a deposition of sand and remaining 1/4 part shall be left intact as no mining zone for the protection of the bank.
17. No stream shall be diverted for the purpose of sand mining. No natural water course and/ or water resources shall be obstructed due to mining operations.
18. No blasting shall be resorted to in river bed sand/ gravel mining and no blasting operation shall be carried out without permission at any other place.
19. Irrespective of the location, thickness of sand deposition, agricultural land/ riverbed, the method of mining shall conform to the orders / directions passed by any Court of Law / Tribunal time to time and in compliance with the Sustainable Sand Mining Guidelines 2016 and the Enforcement & Monitoring Guidelines for Sand Mining, 2020.
20. Mining shall begin only after pucca pillars marking the boundary of lease area are erected at the cost of the lease holder at every corner of the lease-hold area. Only after certification in this regard with the geo coordinates of the corner pillars is issued by the district mining officials, mining can commence. The geo coordinates of the corner pillars shall be made available to the District

Level Committee.

21. The top soil in case of surface land mining shall be stored temporarily in an earmarked site and shall be, as far as practicable, concurrently used for land reclamation. {non river bed sand mining}
22. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This shall be produced before officers of the Central Government and/ or the State Government for inspection.
23. Noise arising out of mining and processing unit(s) shall be abated and controlled at source to keep noise level within permissible limit.
24. No sand mining activity shall be carried out between dusk to dawn, or as permitted by the local authority.
25. Infrastructure and facilities erected for the mine shall conform to the provisions made for the purpose at the sand ghat designated and demarcated (with geo referencing) and laid out for the purpose by the District administration.
26. In particular the PP shall ensure that the approach road, – from the proposed sand ghat to the sand storage depot, is planned and maintained with prior consent of the local Administration.
27. There shall be a single point of entry and exit point for all vehicles. In case it is necessary to have more than one entry/exit, all such points shall have check points with all digital monitoring facilities as mentioned in the 'Enforcement and Monitoring Guidelines for Sand Mining' (January, 2020) issued by the Ministry of Environment, Forest and Climate Change. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to make it impossible for any vehicle to enter or exit without an entry into the computerized system.
28. All such points shall have 24x7 CCTV coverage; the footage of the CCTV coverage shall be submitted to the District Collector by the PP at mutually agreed frequencies.
29. The PP shall ensure that pollution due to transportation is effectively controlled. The PP shall also ensure regular sprinkling of water.
30. Only potable water may be collected from nearby locality with prior permission of the authority concerned. Water for other purposes shall be taken from the river.
31. It shall be the duty and responsibility of the PP to ensure that air pollution due to dust, exhaust emission or fumes during mining and processing phase are controlled and kept within permissible limits specified under environmental laws.
32. The mineral transportation shall be carried out through covered trucks/ tractors only and the vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be installed and used.
33. The mining operations are to be done in a systematic manner so that the operations shall not create a major visual impact on the site.
34. Restoration of flora affected by mining must be done immediately. Five times the number of

trees destroyed by mining shall be planted (preferably of indigenous species) and maintained over the entire lease period.

Irrespective of the above the proponent shall plant and maintain, for the entire lease period, at least five trees per hectare of lease area in areas near the mine.

35. The PP shall ensure that, there is no damage to any fauna and its habitats/ nestings located close to the sand mining site, if any. The PP should receive clearance from the local Biodiversity Management Committee (BMC)[2] of the district concerned in this regard.

36. No felling of trees in or within the precincts of the mine shall be allowed. If a mining lease area, or a part of it, falls within 10 km from the periphery of any National Park/ Sanctuary or an Eco-Sensitive Zone or a Protected Area, no mining or related activity shall be undertaken without first obtaining a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL), in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004.

37. The PP shall take all necessary protective measures to ensure that no spring sources are affected due to mining activities.

38. Removal, stacking and utilization of top soil in mining area shall be ensured. Where top soil cannot be used concurrently, it shall be stored properly for future use.

39. No overhangs shall be allowed to be formed due to mining and mining shall not be undertaken in areas where landslide is likely to occur due to unfavourable steep angle of slope.

40. No extraction of stone/ boulder/ sand shall be undertaken in landslide prone areas.

41. If clearance of riparian vegetation is to be undertaken it must be done under the supervision and control of an appropriate government authority. It shall be the responsibility of the project proponent to ensure absolute compliance with the relevant provisions of the West Bengal Trees (Protection and Conservation in Non Forest Areas) Act, 2006, and the Rules framed there under.

42. To reduce visual impact of mining the PP shall ensure tidiness.

43. Dumping of waste, if any, shall be done only in earmarked places as approved in the mining plan.

44. No rubbish shall be disposed in the river bed.

45. The PP shall take all possible precautions for the protection of environment and control of pollution.

46. Effluent discharge should be kept to the minimum and it should meet the standards prescribed.

47. No mining shall be undertaken in a mining lease located within 1 km from bridges, highways and railway lines on both upstream and downstream sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 metres on the upstream and 500 metres on the downstream side.

48. Mining activities shall not be done for mine lease where mining can cause danger to site of flood protection works, places of cultural, religious, historical, and archaeological importance.

49. Only such vehicles as are having valid fitness and PUC Certificates, shall be used for transportation of sand.
50. The PP shall develop proper junction at takeoff points of approach road with main road, with proper width and geometry required for safe movement of traffic, at his own cost.
51. The PP shall ensure that the road may not be damaged due to transportation of the mineral; and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.
52. No stacking shall be allowed on road side along State/ National Highways.
53. Suitable sand depots will be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 04–06 ha (10-15 acres) with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government poramboke land[3].
54. The PP shall undertake phased restoration, reclamation and rehabilitation of land affected by mining and shall complete this work before abandonment of mine.
55. Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster.
56. The site specific plan for eco-restoration submitted by the proponent along with the EC application shall be properly implemented.
57. Transport of mineral shall not be done through villages/ habitations.
58. The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking.
59. The PP shall make arrangement for drinking water, first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers.
60. The PP shall implement the Disaster Management Plan if the mine lease area is located in Seismic Zone-IV. The Project Proponent shall appoint a Committee to have a check over any disaster to warn workers well before for the safety of the workers. Emergency helpline number will be displayed at all levels.
61. The PP shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project. Personal Health data like BP ECG, chest X-ray, PFT, smoking habits, blood and urine test etc. shall be undertaken once in six months to take necessary remedial/preventive measures. In this regard recommendations of National Institute of Occupational Health (NIOH) / Central Labour Institute (CLI) / All India Institute of Hygiene and Public Health (AIHH&PH) shall be adopted for ensuring good work-environment for mine workers.
62. The PP shall report monitoring data on replenishment, traffic management, levels of production, river-bank erosion, maintenance of roads etc.
63. A year-wise excavation schedule showing the breakup of pay-mineral (sand) and waste (if any)

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 shown in the surface plan.

64. The PP 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.

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

66. The PP 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.

67. In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the PP 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.

68. For the purpose of carrying out mining operation in the area, the PP shall furnish financial assurance. The amount of financial assurance^[4] 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.

69. The PP shall prepare a dust and noise minimization plan with adequate details and shall implement the same.

70. Needs of the locality shall be assessed and the social part of the EMP shall be undertaken as stipulated by MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Beneficiary of the social component of EMP should be identified and to be displayed at site.

71. The PP shall ensure that the provisions every relevant Acts, Rules Guidelines etc. shall be complied in both letter and spirit.

72. In particular, the PP shall ensure compliance with the provisions laid down in the following Acts/ Rules/ Guidelines.

- a. The West Bengal Minor Minerals Concession Rules, 2016;
- b. Sustainable Sand Mining Management Guidelines, 2016, issued by the Ministry of Environment, Forest and Climate change, Government of India;
- c. Sand Mining Framework, 2018, issued by the Ministry of Mines, Government of India;
- d. Enforcement & Monitoring Guidelines for Sand Mining, 2020, issued by the Ministry of

Environment, Forest and Climate change, Government of India;

e. The West Bengal Sand Mining Policy, 2021; and,

f. The West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021.

73. Non-compliance of any of the terms and conditions mentioned hereinabove may lead to cancellation of the environmental clearance granted.

74. The Environmental Clearance is being issued without prejudice to any action initiated under the Environment (Protection) Act, 1986 or any court case pending in any court of law, and it does not mean that the project proponent has not violated any environmental law in the past, and all future decisions made or directives/ orders/ notifications/ circulars issued under the Environment (Protection) Act, 1986 shall be binding on the Project Proponent. Similarly, all verdicts/ orders of the Hon'ble Court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case(s) filed against her/ him, if any, or any action initiated against her/ him under the Environment (Protection) Act, 1986.

75. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under the Environment (Protection) Act, 1986.

76. 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.

77. The EC is granted for the project as proposed. In case any deviation or alteration in the project is contemplated the proponent will apply afresh for Environmental Clearance for the proposed modifications and/ or expansion of the project.

78. The stipulations made under other relevant Acts, - in particular the Wild Life (Protection) Act, 1972, the Water (Prevention and Control of Pollution) Act, 1974, the Forest (Conservation) Act, 1980, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991, and the rules and regulations made there under, shall be strictly complied with.

79. The State Government may, in its own discretion, impose such further conditions as it may deem fit, necessary or expedient. All such conditions will have to be complied with.

80. Non-compliance to any of the stipulated terms and conditions may lead to cancellation of the EC.

81. If you are aggrieved by the grant of this Environmental Clearance or by any of the terms and conditions imposed herein, you may, in your own discretion, within a period of thirty days from today, prefer an appeal before the National Green Tribunal (Eastern Zonal Bench, Kolkata), HFXC+VR5, Kadampukur Village, Newtown, New Town, West Bengal 700156, under Section 16 of the National Green Tribunal Act, 2010.

82. Additional conditions imposed by SEAC –

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.

[1] A floodplain is a generally flat area of land next to a river or stream and it stretches from the banks of the river to the outer edges of the valley

[2] For all local bodies Biodiversity Management Committees (BMCs) of the WB State Biodiversity Board are constituted under Sec. 41(1) of the Biological Diversity Act, 2002

[3] *the land that doesn't fall under the list of revenue records.*

[4] Rupees 15 thousand per hectare of the mining lease area put to use for mining and allied activities or rupees fifty (50)thousand, whichever is higher

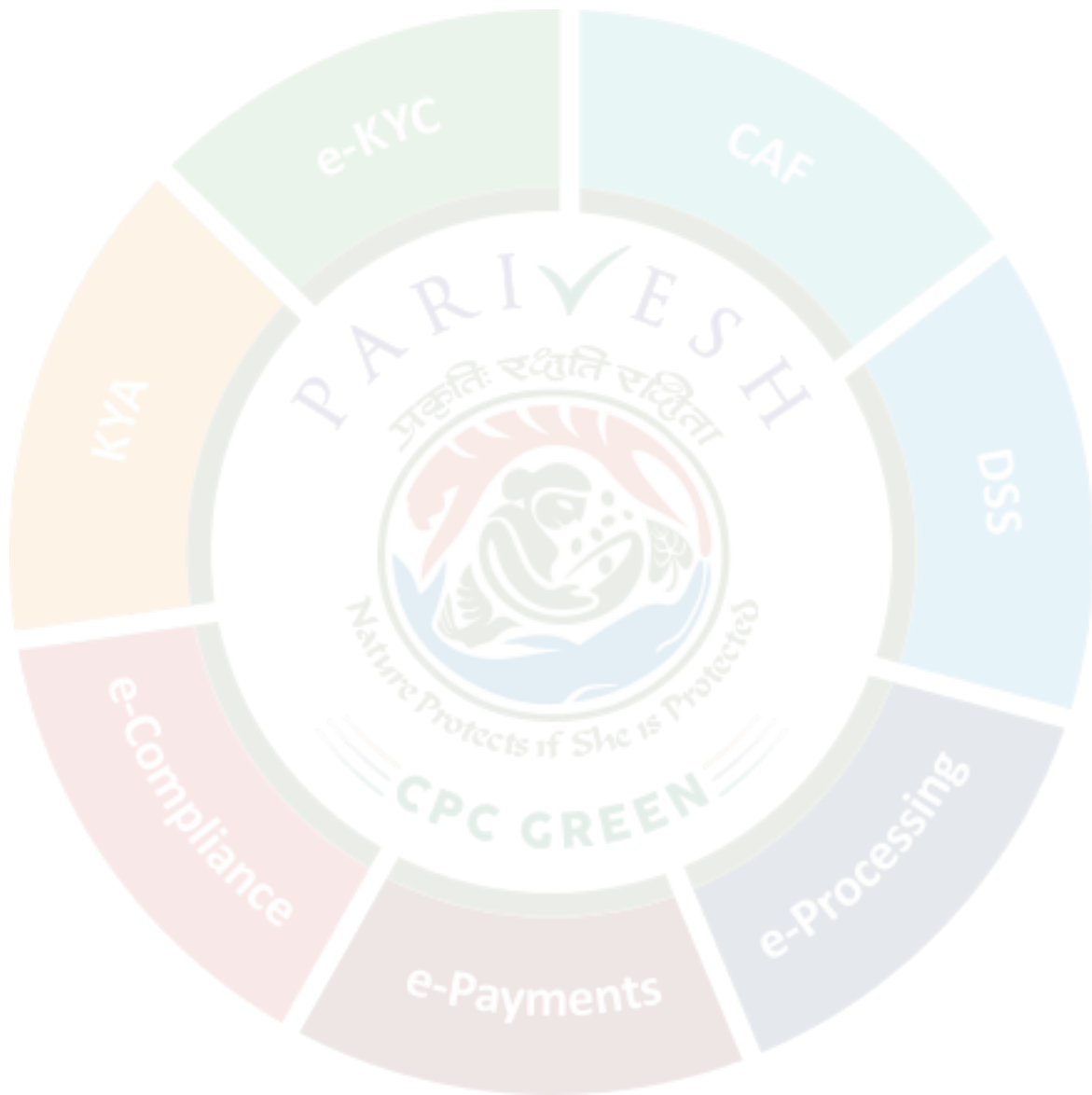
3.3. Agenda Item No 3:

3.3.1. Details of the proposal

MODIFICATION OD RESIDENTIAL COMPLEX by EVERLINK BUILDERS PRIVATE LIMITED located at 24 PARAGANAS SOUTH, WEST BENGAL			
Proposal For		Fresh EC	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/INFRA2/488064/2024	2N-72/2015(E)	16/07/2024	Building / Construction (8(a))

3.3.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :24/07/2024



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:

Mandatory documents

1. Certified Compliance Report (CCR) as per the provisions laid down in MoEF&CC O.M. F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.
2. The Dag Nos. mentioned in the clearance from AAI and sanction plan do not match.
3. The service area proposed as per the sanction plan is 303.59 (1.37%) which was earlier 992.07 sqm (4.48% of land area) mentioned in the EC granted. Reasons for such decrease in the service area should be provided.
4. The total built up area has decreased from 67,096.79 sqm to 58,408.92 sqm. However, the ground coverage is increased from 6966.03 sqm (31.43% of land area) to 8308.93 sqm (37.49%). Reasons for the above should be provided.

Water and waste water

5. Fresh water requirement is 211 KLD and domestic water requirement is 319 KLD. Break up for both components should be provided. Water required for backwash and for swimming pool make-up should be mentioned in the water balance.
6. The treated waste water recycling is decreasing from 166 KLD to 143 KLD. Therefore, the amount of water discharged outside is increasing. Reasons for the above should be provided.
7. Groundwater level monitoring in and around the project site along with groundwater quality and a piezometer should be installed at the same depth of pumping well which should be regularly monitored for water level and water quality. A permanent piezometer should be installed and water level monitoring data should be displayed on the digital display board and also to be provided in the periodical compliance report.
8. Pumping schedule of the borewells should be revised with time gap.
9. Water and wastewater distribution/ collection to and from the bungalows should be indicated by a distribution diagram.
10. Storm water management plan utilizing the increased run off due to considerable paved areas and reduced infiltration may be furnished.
11. Arsenic, iron, manganese, chloride, sulphate and nitrate test reports of the bore wells along with total depth of each well may be furnished. If required, Arsenic treatment facility may be installed.
12. Installation of a dedicated conduit for collection of AC water and necessary Grease Trap for collection of surface run off from the open parking area is felt necessary and should be mentioned in the presentation.

Rainwater Harvesting

13. The rainwater harvesting tank is only 18 cum instead of 1-day fresh water requirement capacity. Reasons to be specified.
14. The natural waterbody present in the project area should be restored and maintained as per guidelines

Energy and material

15. Although both built up area and population have decreased, power requirement has increased from 1513 kW to 2159 kW. Assessment and justification to be provided.
16. 10% of the parking spaces should be provided with EV-charging facility. All bungalows to be provided with EV charging facilities.

17. Plants like Conocarpus erectus should be removed from the list of proposed plants and should not be planted.

18. Location and capacity of OWC may be mentioned.

Need-based activities

19. Compliance of earlier need-based activities given in the EC issued dated 05.08.2019. Evidence should be provided by photograph and/or certificate from the beneficiaries.

20. The requirements indicated by the potential beneficiaries should be matching with the list of activities with budget estimates. Activities like 'tree plantation' should be avoided unless the plantation is in a school. Infra-structure development and assistance to mid-day meals in primary schools are encouraged rather than providing waste bins or solar lights.

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 :28/08/2024

Deliberations of SEAC 2 :

- The SEAC scrutinized the documents submitted by the PP in the 47th meeting of SEAC, WB (2023-2026) held on 28.08.2024. After careful consideration and detailed deliberation, the committee observed that the Certified Compliance Report for the project as per the provisions laid down in MoEF&CC O.M. F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022 has not been submitted by the PP. Also, the PP should submit the revised salient features of the project (including the project cost) considering the changes made.

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

Date of SEAC 3 :30/11/2024

Deliberations of SEAC 3 :

- The SEAC scrutinized the documents submitted by the PP in the 54th meeting of SEAC, WB (2023-2026) held on 30.11.2024. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance.**

3.3.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/INFRA2/488064/2024** dated **16 July 2024** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **8(a) Building / Construction** projects under Category "**B2**" of EIA Notification 2006.

The PP obtained Environmental Clearance by SEIAA, West Bengal vide Memo no.- 1538/EN/T-II-1/076/2015 dated 05/08/2019 for a proposal comprising 1 no. G+12 storied, 4 nos. B+G+13 storied and 3 nos. G+13 storied towers along with club & community facilities. As per the said Environmental Clearance, built-up area was 67096.79 sqm consisting of 596 nos. flats. After the modification, total built-up area will be 58408.92 sqm

comprising of 452 flats and 38 nos. bungalows dwelling units.

This is a proposal for Modification of Residential Complex comprising of the following :

Block Details	Existing Proposal - EC obtained	Modification Proposal	Remarks
Block – 1	G+12	G + 18	Vertically expanded
Block – 2A	B + G + 13	B + G + 13	Same as previous
Block – 2B	B + G + 13	B + G + 13	Same as previous
Block – 2C	G + 13	G + 13	Same as previous
Block – 2D	B + G + 13	B + G + 13	Same as previous
Block – 2E	B + G + 13	B + G + 13	Same as previous
Block – 3A	G + 13	--	Removed
Block – 3B	G + 13	--	Removed
Block – 3 to 10	--	G + 2	Accommodated in place of Block-3A & 3B

SEAC, during its 54th meeting held on 30.11.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

The project of **Everlink Builders Private Limited** located is as follows :

S. No.	State	District
(1)	West Bengal	South 24 Parganas

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/INFRA2/488064/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and the submission made by the PP and decided to visit the site.

3.3.4. Recommendation of SEIAA

Deferred for Site Inspection

3.4. Agenda Item No 4:

3.4.1. 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))

3.4.2. 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.**

Date of SEIAA 4 :19/11/2024



Deliberations of SEIAA 4 :

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.

3.4.3. 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. 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.

PP uploaded their reply in the PARIVESH portal on 13.12.2024 and was called for a presentation on 20.12.2024.

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

SEIAA considered the recommendation of SEAC as well as presentation made before SEIAA and decided that the application for Keotsa Sand Mine over an area of 3.52 ha (8.71 acres) on the Ajay River at Plot No. 444(P), 647(P), 648(P), 649(P), 650(P), 651(P), 652(P), 653(P), 654(P), 656(P), 657(P), 659(P), 662(P), J.L. No.-88, Mouza-Keotsa, P.S.- Mongalkote, Dist. – Purba Bardhaman, West Bengal by Raikamal Chakraborty falling within the DSR potential zone code PBBD_MK_AJ_03 is approved for EC with the conditions recommended by SEAC with the additional condition that 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.

3.4.4. Recommendation of SEIAA

Approved

3.4.5. Details of Environment Conditions

3.4.5.1. Specific

General Conditions:

1. In case the mining area or a part thereof is private land not owned by the Project Proponent (PP), then a written permission should be obtained regarding consent of the land owner(s) concerned for carrying out the mining operation before commencement of any mining activity.
2. The PP shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing, if held.
3. Apart from possessing a valid lease the proponent shall obtain all other necessary permissions before commencement of any mining or allied activity at the lease hold area.
4. The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 must be followed strictly.
5. It shall be the responsibility of the PP to abide by and to comply with all the provisions made and restrictions imposed, — particularly those regarding environment management practices, by and under the West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021 and the West Bengal Minor Minerals Concession Rules, 2016, failing which the EC shall be liable to be cancelled.
6. The EC is granted on the condition that the lease area falls under the potential sand mining area earmarked in the District Level Survey Report (DSR). Mining shall be done only in an area/ stretch which has been identified in the DSR as well as in the approved Mining Plan.
7. No river bed mining shall be allowed beneath 3 meters of the river bed.

8. The depth of mining in riverbed shall also not exceed one meter above groundwater (base flow) level.
9. No River sand mining shall be carried out in monsoon season, as declared by the concerned District Authority.
10. The PP shall submit Annual Replenishment Report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased accordingly.
11. If the lease hold area is located in hilly terrain, it is to be ensured by the PP that the mine working depth is limited to 1.0 metre below the riverbed level.
12. In case the lease area, or a part of it, falls in the river flood plain[1], a buffer of three metre to be left from the river bank for mining. (non river-bed sand mining)
13. In case the lease area, or a part of it, is an agricultural field, a buffer of three metre land shall be left between the mine boundary and the adjacent field. (non river-bed sand mining)
14. Mining shall be done in layers of not more than 1 metre depth to avoid ponding effect and only after the first layer is excavated, the process will be repeated for the second layer and so on.
15. The PP shall get the baseflow and groundwater level (water table) monitored on monthly basis. The water level should be referenced to both the 'mean sea level' and the 'local ground level'. During sand mining operations, a network of existing wells shall be established around the sand mining area and piezometers shall be installed at all sand quarry sites. A minimum of four piezometers shall be installed in the no-mining zone around the sand quarrying area. Monitoring of groundwater quality in the vicinity (one km radius from the sand quarrying site) shall be carried out once in every two months.
16. Any area falling within 7.5 metre or 12.5% of the river width, whichever is more, from the river bank (towards the channel) will be left intact as no mining zone.
Subject to above the PP shall identify the central 3/4 part of river on map where there is a deposition of sand and remaining 1/4 part shall be left intact as no mining zone for the protection of the bank.
17. No stream shall be diverted for the purpose of sand mining. No natural water course and/ or water resources shall be obstructed due to mining operations.
18. No blasting shall be resorted to in river bed sand/ gravel mining and no blasting operation shall be carried out without permission at any other place.
19. Irrespective of the location, thickness of sand deposition, agricultural land/ riverbed, the method of mining shall conform to the orders / directions passed by any Court of Law / Tribunal time to time and in compliance with the Sustainable Sand Mining Guidelines 2016 and the Enforcement & Monitoring Guidelines for Sand Mining, 2020.
20. Mining shall begin only after pucca pillars marking the boundary of lease area are erected at the cost of the lease holder at every corner of the lease-hold area. Only after certification in this regard with the geo coordinates of the corner pillars is issued by the district mining officials, mining can commence. The geo coordinates of the corner pillars shall be made available to the District Level Committee.
21. The top soil in case of surface land mining shall be stored temporarily in an earmarked site and shall be, as far as practicable, concurrently used for land reclamation. {non river bed sand mining}
22. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the mine,

mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This shall be produced before officers of the Central Government and/ or the State Government for inspection.

23. Noise arising out of mining and processing unit(s) shall be abated and controlled at source to keep noise level within permissible limit.

24. No sand mining activity shall be carried out between dusk to dawn, or as permitted by the local authority.

25. Infrastructure and facilities erected for the mine shall conform to the provisions made for the purpose at the sand ghat designated and demarcated (with geo referencing) and laid out for the purpose by the District administration.

26. In particular the PP shall ensure that the approach road, – from the proposed sand ghat to the sand storage depot, is planned and maintained with prior consent of the local Administration.

27. There shall be a single point of entry and exit point for all vehicles. In case it is necessary to have more than one entry/exit, all such points shall have check points with all digital monitoring facilities as mentioned in the 'Enforcement and Monitoring Guidelines for Sand Mining' (January, 2020) issued by the Ministry of Environment, Forest and Climate Change. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to make it impossible for any vehicle to enter or exit without an entry into the computerized system.

28. All such points shall have 24×7 CCTV coverage; the footage of the CCTV coverage shall be submitted to the District Collector by the PP at mutually agreed frequencies.

29. The PP shall ensure that pollution due to transportation is effectively controlled. The PP shall also ensure regular sprinkling of water.

30. Only potable water may be collected from nearby locality with prior permission of the authority concerned. Water for other purposes shall be taken from the river.

31. It shall be the duty and responsibility of the PP to ensure that air pollution due to dust, exhaust emission or fumes during mining and processing phase are controlled and kept within permissible limits specified under environmental laws.

32. The mineral transportation shall be carried out through covered trucks/ tractors only and the vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be installed and used.

33. The mining operations are to be done in a systematic manner so that the operations shall not create a major visual impact on the site.

34. Restoration of flora affected by mining must be done immediately. Five times the number of trees destroyed by mining shall be planted (preferably of indigenous species) and maintained over the entire lease period.

Irrespective of the above the proponent shall plant and maintain, for the entire lease period, at least five trees per hectare of lease area in areas near the mine.

35. The PP shall ensure that, there is no damage to any fauna and its habitats/ nestings located close to the sand mining site, if any. The PP should receive clearance from the local Biodiversity Management Committee (BMC)[2] of the district concerned in this regard.

36. No felling of trees in or within the precincts of the mine shall be allowed. If a mining lease area, or a

part of it, falls within 10 km from the periphery of any National Park/ Sanctuary or an Eco-Sensitive Zone or a Protected Area, no mining or related activity shall be undertaken without first obtaining a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL), in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004.

37. The PP shall take all necessary protective measures to ensure that no spring sources are affected due to mining activities.

38. Removal, stacking and utilization of top soil in mining area shall be ensured. Where top soil cannot be used concurrently, it shall be stored properly for future use.

39. No overhangs shall be allowed to be formed due to mining and mining shall not be undertaken in areas where landslide is likely to occur due to unfavourable steep angle of slope.

40. No extraction of stone/ boulder/ sand shall be undertaken in landslide prone areas.

41. If clearance of riparian vegetation is to be undertaken it must be done under the supervision and control of an appropriate government authority. It shall be the responsibility of the project proponent to ensure absolute compliance with the relevant provisions of the West Bengal Trees (Protection and Conservation in Non Forest Areas) Act, 2006, and the Rules framed there under.

42. To reduce visual impact of mining the PP shall ensure tidiness.

43. Dumping of waste, if any, shall be done only in earmarked places as approved in the mining plan.

44. No rubbish shall be disposed in the river bed.

45. The PP shall take all possible precautions for the protection of environment and control of pollution.

46. Effluent discharge should be kept to the minimum and it should meet the standards prescribed.

47. No mining shall be undertaken in a mining lease located within 1 km from bridges, highways and railway lines on both upstream and downstream sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 metres on the upstream and 500 metres on the downstream side.

48. Mining activities shall not be done for mine lease where mining can cause danger to site of flood protection works, places of cultural, religious, historical, and archaeological importance.

49. Only such vehicles as are having valid fitness and PUC Certificates, shall be used for transportation of sand.

50. The PP shall develop proper junction at takeoff points of approach road with main road, with proper width and geometry required for safe movement of traffic, at his own cost.

51. The PP shall ensure that the road may not be damaged due to transportation of the mineral; and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.

52. No stacking shall be allowed on road side along State/ National Highways.

53. Suitable sand depots will be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand

quarry site and has an area of around 04–06 ha (10-15 acres) with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government poramboke land[3].

54. The PP shall undertake phased restoration, reclamation and rehabilitation of land affected by mining and shall complete this work before abandonment of mine.

55. Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster.

56. The site specific plan for eco-restoration submitted by the proponent along with the EC application shall be properly implemented.

57. Transport of mineral shall not be done through villages/ habitations.

58. The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking.

59. The PP shall make arrangement for drinking water, first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers.

60. The PP shall implement the Disaster Management Plan if the mine lease area is located in Seismic Zone-IV. The Project Proponent shall appoint a Committee to have a check over any disaster to warn workers well before for the safety of the workers. Emergency helpline number will be displayed at all levels.

61. The PP shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project. Personal Health data like BP ECG, chest X-ray, PFT, smoking habits, blood and urine test etc. shall be undertaken once in six months to take necessary remedial/preventive measures. In this regard recommendations of National Institute of Occupational Health (NIOH) / Central Labour Institute (CLI) / All India Institute of Hygiene and Public Health (AIHH&PH) shall be adopted for ensuring good work-environment for mine workers.

62. The PP shall report monitoring data on replenishment, traffic management, levels of production, river-bank erosion, maintenance of roads etc.

63. A year-wise excavation schedule showing the breakup of pay-mineral (sand) and waste (if any) 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 shown in the surface plan.

64. The PP 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.

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

66. The PP 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.

67. In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the PP 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.

68. For the purpose of carrying out mining operation in the area, the PP shall furnish financial assurance. The amount of financial assurance^[4] 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.

69. The PP shall prepare a dust and noise minimization plan with adequate details and shall implement the same.

70. Needs of the locality shall be assessed and the social part of the EMP shall be undertaken as stipulated by MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Beneficiary of the social component of EMP should be identified and to be displayed at site.

71. The PP shall ensure that the provisions every relevant Acts, Rules Guidelines etc. shall be complied in both letter and spirit.

72. In particular, the PP shall ensure compliance with the provisions laid down in the following Acts/ Rules/ Guidelines.

- a. The West Bengal Minor Minerals Concession Rules, 2016;
- b. Sustainable Sand Mining Management Guidelines, 2016, issued by the Ministry of Environment, Forest and Climate change, Government of India;
- c. Sand Mining Framework, 2018, issued by the Ministry of Mines, Government of India;
- d. Enforcement & Monitoring Guidelines for Sand Mining, 2020, issued by the Ministry of Environment, Forest and Climate change, Government of India;
- e. The West Bengal Sand Mining Policy, 2021; and,
- f. The West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021.

73. Non-compliance of any of the terms and conditions mentioned hereinabove may lead to cancellation of the environmental clearance granted.

74. The Environmental Clearance is being issued without prejudice to any action initiated under the Environment (Protection) Act, 1986 or any court case pending in any court of law, and it does not mean that the project proponent has not violated any environmental law in the past, and all future decisions made or directives/ orders/ notifications/ circulars issued under the Environment (Protection) Act, 1986 shall be binding on the Project Proponent. Similarly, all verdicts/ orders of the Hon'ble Court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case(s) filed against her/ him, if any, or any action initiated against her/ him under the Environment (Protection) Act, 1986.

75. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under the Environment (Protection) Act, 1986.

76. 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.

77. The EC is granted for the project as proposed. In case any deviation or alteration in the project is contemplated the proponent will apply afresh for Environmental Clearance for the proposed modifications and/ or expansion of the project.

78. The stipulations made under other relevant Acts, - in particular the Wild Life (Protection) Act, 1972, the Water (Prevention and Control of Pollution) Act, 1974, the Forest (Conservation) Act, 1980, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991, and the rules and regulations made there under, shall be strictly complied with.

79. The State Government may, in its own discretion, impose such further conditions as it may deem fit, necessary or expedient. All such conditions will have to be complied with.

80. Non-compliance to any of the stipulated terms and conditions may lead to cancellation of the EC.

81. If you are aggrieved by the grant of this Environmental Clearance or by any of the terms and conditions imposed herein, you may, in your own discretion, within a period of thirty days from today, prefer an appeal before the National Green Tribunal (Eastern Zonal Bench, Kolkata), HFXC+VR5, Kadampukur Village, Newtown, New Town, West Bengal 700156, under Section 16 of the National Green Tribunal Act, 2010.

82. Additional conditions imposed by SEAC –

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.

[1] A floodplain is a generally flat area of land next to a river or stream and it stretches from the banks of the river to the outer edges of the valley

[2] For all local bodies Biodiversity Management Committees (BMCs) of the WB State Biodiversity Board are constituted under Sec. 41(1) of the Biological Diversity Act, 2002

[3] *the land that doesn't fall under the list of revenue records.*

[4] Rupees 15 thousand per hectare of the mining lease area put to use for mining and allied activities or rupees fifty (50) thousand, whichever is higher

3.5. Agenda Item No 5:

3.5.1. Details of the proposal

WB_PB_AJ_B1 Sand Mine by WEST BENGAL MINERAL DEVELOPMENT AND TRADING CORPORATION LIMITED located at PASCHIM BARDHAMAN, WEST BENGAL			
Proposal For		Mining EC Under 5 Ha	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/488225/2024	2N-130/2024(E)	13/08/2024	Mining of minerals (1(a))

3.5.2. Deliberations by the committee in previous meetings

Date of SEAC 1 : 28/08/2024

Deliberations of SEAC 1 :

- As revealed from the cardinal geo-coordinates of the project area mentioned in the approved 'Mining cum Progressive Mine Closure Plan', **the entire plot area** of the proposed project **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Bardhaman district.
- In the project description, the administrative district is wrongly mentioned as Alipurduar, it should be corrected as Paschim Bardhaman.
- It was observed that instead of uploading the EMP for the proposed WB_PB_AJ_B1 sand mine the PP uploaded an EMP for MIN_APD_18 sand mine; obviously a copy paste error. Such carelessness speaks of non-seriousness and is uncalled for. On multiple occasions the base-flow reporting template was explained to the PPs/ consultants. Yet, the baseflow reported left much to be desired. The baseflow study submitted by the PP should be corrected and modified. The depth of water level and the maximum depth of the mine should be mentioned in the report. The PP should submit 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.

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 : 30/11/2024

Deliberations of SEAC 2 :

- The SEAC scrutinized the documents submitted by the PP in the 54th meeting of SEAC, WB (2023-2026) held on 30.11.2024 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) 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.
- 3) 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.
- 4) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
- 5) 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.
- 6) Transportation plan should be provided in six monthly compliance report.
- 7) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
- 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.

3.5.3. Deliberations by the SEIAA in current meetings

The proponent made online application vide proposal no. **SIA/WB/MIN/488225/2024** dated **13 August 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 54th meeting held on 30.11.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

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

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

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

SIA/WB/MIN/488225/2024 in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and decided that the PP should submit the following in the PARIVESH portal :

- 1) Item wise breakup of need-based activities to be completed within two years.
- 2) Justification for providing Rs.50,000/- for the cost of plantation of 1820 no. of trees, whereas for the same no. of trees in the nearby area, the cost is proposed Rs.2,00,000/-.

SEIAA observed this as a case of negligence from environmental consultant side and decided to warn the consultant to be more cautious while uploading details of the specific proposals on the portal. SEIAA also observed that in spite of similar ADS raised in past, consultant is repeating the mistakes again and again and decided to communicate the same to the PP for necessary corrective actions prior to submission of such projects in future.

3.5.4. Recommendation of SEIAA

Deferred for ADS

3.6. Agenda Item No 6:

3.6.1. Details of the proposal

WB_PB_AJ_B3 Sand Mine by WEST BENGAL MINERAL DEVELOPMENT AND TRADING CORPORATION LIMITED located at PASCHIM BARDHAMAN, WEST BENGAL

Proposal For	Mining EC Under 5 Ha		
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/482679/2024	2N-131/2024(E)	13/08/2024	Mining of minerals (1(a))

3.6.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :28/08/2024

Deliberations of SEAC 1 :

- As revealed from the cardinal geo-coordinates of the project area mentioned in the approved 'Mining cum Progressive Mine Closure Plan', **the entire plot area** of the proposed project **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Bardhaman district.
- It was observed that instead of uploading the EMP for the proposed WB_PB_AJ_B3 Sand Mine sand mine the PP uploaded an EMP for **Teesta** riverbed deposit; obviously a copy paste error. Such carelessness speaks of non-seriousness and is uncalled for.
- On multiple occasions the base-flow reporting template was explained to the PPs/ consultants. Yet, the baseflow reported for the project left much to be desired. It was observed that PP had submitted EMP for **Teesta** riverbed deposit. The baseflow study submitted by the PP should be corrected and modified. The depth of water level and the maximum of the mine should be mentioned in the report. The PP should submit 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.

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 :30/11/2024

Deliberations of SEAC 2 :

- The SEAC scrutinized the documents submitted by the PP in the 54th meeting of SEAC, WB (2023-2026) held on 30.11.2024 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) 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.
 - 3) 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.
 - 4) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - 5) 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.
 - 6) Transportation plan should be provided in six monthly compliance report.
 - 7) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - 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.

3.6.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/482679/2024** dated **13 August 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 54th meeting held on 30.11.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

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

S. No.	State	District
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(1)	West Bengal	Paschim 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/482679/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and decided that the PP should submit the following in the PARIVESH portal :

- 1) Item wise breakup of need-based activities to be completed within two years.
- 2) Justification for providing Rs.2,00,000/- for the cost of plantation of 1820 no. of trees, whereas for the same no. of trees in the nearby area, the cost is proposed Rs.50,000/-.

SEIAA observed this as a case of negligence from environmental consultant side and decided to warn the consultant to be more cautious while uploading details of the specific proposals on the portal. SEIAA also observed that in spite of similar ADS raised in past, consultant is repeating the mistakes again and again and decided to communicate the same to the PP for necessary corrective actions prior to submission of such projects in future.

3.6.4. Recommendation of SEIAA

Deferred for ADS

3.7. Agenda Item No 7:

3.7.1. Details of the proposal

JUJUTI AND NARICHA SAND MINE (MIN_EBUR_46) by WEST BENGAL MINERAL DEVELOPMENT AND TRADING CORPORATION LIMITED located at PURBA BARDHAMAN, WEST BENGAL

Proposal For		Fresh ToR	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/490852/2024	2N-132/2024(E)	16/08/2024	Mining of minerals (1(a))

3.7.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :28/08/2024

Deliberations of SEAC 1 :

- As revealed from the cardinal geo-coordinates of the project area mentioned in the approved ‘Mining cum Progressive Mine Closure Plan’, **the entire plot area** of the proposed project **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district.
- However, in the ‘Mining cum Progressive Mine Closure Plan’, the mining lease area is erroneously mentioned as 10.24 ha while the actual lease area is of 7.59 ha (18.75 Acres). The errors may be rectified and corrected data may be incorporated in the Plan.

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 through “PARIVESH” portal.

Date of SEAC 2 :30/11/2024

Deliberations of SEAC 2 :

The SEAC SEAC IVB (2023-2026) submitted by the PP in the 54 held on 30.11.2024 and after careful consideration and detailed deliberation, the committee in Standard Terms of Reference project with the following additional conditions :-

The potential impact study in the EIA should be done considering the cumulative effect of all the mines in the cluster situation, if any.

Surface and ground water hydrology should be included in the EIA report.

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.

Photographs of the site mentioning the geo-coordinates.

Standard practice of management of the intermediate storage area should be submitted.

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.

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

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.

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

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

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

12. 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.

13. 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.

14. 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.

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

16. 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.

3.7.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/490852/2024** dated **16 August 2024** seeking ToR 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 54th meeting held on 30.11.2024, 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	Purba Bardhaman

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/MIN/490852/2024** 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.

3.7.4. Recommendation of SEIAA

Approved

3.7.5. Details of Terms of Reference

3.7.5.1. Specific

Annexure - A

1.	<p style="text-align: right;">Annexure - A</p> <p style="text-align: center;">Executive Summary</p> <p>The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information on following points:</p>
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- 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.
 - 1) The potential impact study in the EIA should be done considering the cumulative effect of all the mines in the cluster situation, if any.
 - 2) Surface and ground water hydrology should be included in the EIA report.
 - 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) Photographs of the site mentioning the geo-coordinates.

- 5) Standard practice of management of the intermediate storage area should be submitted.
- 6) 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.
- 7) A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
- 8) 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.
- 9) Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
- 10) Being a mine in operation, the plantation created so far may be submitted with geotagged photographs.
- 11) EIA should also include detailed study of the baseline condition and impact on aquatic flora and fauna.
- 12) 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.
- 13) 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.
- 14) 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.
- 15) Management plan including the final closure plan of haul road to be submitted.
- 16) 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.

3.8. Agenda Item No 8:

3.8.1. Details of the proposal

EXPANSION OF PRODUCTION CAPACITY OF COLD ROLLING MILL COMPLEX (CRMC) FROM 1,08,000 TPA to 1,78,800 TPA BY INSTALLATION OF SOME ADDITIONAL FACILITIES BY M/S. SHYAM METALICS FLAT PRODUCT PRIVATE LIMITED AT VILLAGE - DHASAL, PO - BAHADURPUR, P.S - JAMURIA, DISTRICT – PASCHIM BARDHAMAN, WEST BENGAL by SHYAM METALICS FLAT PRODUCT PRIVATE LIMITED located at PASCHIM BARDHAMAN, WEST BENGAL			
Proposal For		Fresh EC	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/IND1/498532/2024	2N-276/2023(E)	27/09/2024	Metallurgical Industries (ferrous and non ferrous) (3(a))

3.8.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :05/10/2024

Deliberations of SEAC 1 :

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-

1. Land documents including land summary of all the dag nos. including area of dag nos. within the project boundary area of 17.91 ha. Land conversion and mutation in the name of the PP should be mentioned in the land summary.
2. Declaration / undertaking that only CBM / LPG will be used as fuel for all unit operations including all furnaces and incinerator.
3. Emission control system for galvalume line, pickling line, acid regeneration plant, colour coating line etc. Emission control measures for Rolling Mill mist.
4. Detailed plan for storage of LPG.
5. Water quality data of pond which will be used for rainwater harvesting.
6. Detailed calculation for rainwater harvesting potential from roof and off.
7. Rainwater harvesting tank to be relocated near the pond and connected to the pond. Capacity of the pond to be increased to accommodate maximum rainwater. Plan in this regard should be submitted.
8. Detailed flow diagram for water treatment plan.
9. Revised need based activity as discussed in the meeting.
10. Detailed proposal to achieve zero liquid discharge for the entire plant.
11. Detailed plan for installing solar panel on the top of the sheds.

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 :30/11/2024

Deliberations of SEAC 2 :

- The SEAC scrutinized the documents submitted by the PP in the 54th meeting of SEAC, WB (2023-2026) held on 30.11.2024. After careful consideration and detailed deliberation, the committee **recommended the proposed project for Environmental Clearance.**

3.8.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/IND1/498532/2024** dated **27 September 2024** seeking environment clearance 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 "B2" of EIA Notification 2006.

SEAC, during its 54th meeting held on 30.11.2024, recommended the proposed project for Environmental Clearance.

PROJECT DETAILS

The project of **M/s. Shyam Metalics Flat Product Private Limited** located is as follows :

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

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/IND1/498532/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and decided that the PP should upload a presentation on the following points and then make the presentation before SEIAA:

- 1) Details of tree plantation with area and species marked specifically.
- 2) Details of environment management plan including HAZOP and risk analysis.

3.8.4. Recommendation of SEIAA

Deferred for ADS

3.9. Agenda Item No 9:

3.9.1. Details of the proposal

Proposed expansion project for the manufacture of 4,36,500 TPA billets by installation of 6X25 Ton Induction Furnaces, 2X30 Ton Ladle Refining Furnaces, 2 nos. 6/11, 3 strand Continuous Billet Caster. by SRMB SRIJAN PVT. LTD. located at PASCHIM BARDHAMAN, WEST BENGAL

Proposal For		Amendment in EC	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/IND1/503847/2024	2N-10/2014(E)-Pt-I	07/11/2024	Metallurgical Industries (ferrous and non ferrous) (3(a))

3.9.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :30/11/2024

Deliberations of SEAC 1 :

- Based on the application made, documents uploaded / submitted by the PP/Consultant, the SEAC observed that the project proposal lies within Durgapur Municipal Corporation, which is declared as SPA area. Therefore, considering the decision of EAC on 14.10.2024 and according to the provision of O.M. dated 30.12.2019, the proposal for amendment may be transferred to the Ministry for dealing at Central level.

3.9.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/IND1/503847/2024** dated **07 November 2024** seeking amendment in environment clearance 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.

The PP obtained Environmental Clearance vide No. 764/EN/T-II-1/031/2014 dated 12.04.2017 issue by SEIAA, WB.

SEAC, during its 54th meeting held on 30.11.2024, observed that the project proposal lies within Durgapur Municipal Corporation, which is declared as SPA area. Therefore, considering the decision of EAC on 14.10.2024 and according to the provision of O.M. dated 30.12.2019, the proposal for amendment may be transferred to the Ministry for dealing at Central level.

PROJECT DETAILS

The project of **M/s. SRMB Srijan Pvt. Ltd** located is as follows :

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

The salient features of the project submitted by the project proponent is available under online proposal no. **SIA/WB/IND1/503847/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and decided to transfer the application to MoEF&CC for taking necessary action.

3.9.4. Recommendation of SEIAA

Discussed (for Any Other Item)

3.10. Agenda Item No 10:

3.10.1. Details of the proposal

Datan - I Sand Mine (MIN_WMED_15) by WEST BENGAL MINERAL DEVELOPMENT AND TRADING CORPORATION LIMITED located at **MEDINIPUR WEST, WEST BENGAL**

Proposal For	Fresh EC		
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/MIN/496995/2024	2N-510/2023(E)	16/11/2024	Mining of minerals (1(a))

3.10.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :30/11/2024

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 Paschim Medinipur district.
- The SEAC scrutinized the documents submitted by the PP in the 54th meeting SEAC, WB (2023-2026) held on 30.11.2024. 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.

3.10.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/496995/2024** dated **16 November 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 project proponent (PP) obtained Terms of Reference issued by SEIAA vide No. 2516/EN-T-II-1/506/2023 dated 31.10.2023 against Proposal No. SIA/WB/MIN/440527/2023.

SEAC, during its 54th meeting held on 30.11.2024, recommended the proposed project for Environmental Clearance with additional conditions.

PROJECT DETAILS

The project of **West Bengal Mineral Development and Trading Corporation Limited** 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/496995/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and decided that the application for Datan - I Sand Mine (MIN_WMED_15) over an area of 49.60 ha (122.56 Acres) on the Subarnarekha River at Mouza: Nilpura, JL. No.: 25. Block - Dantan-I, P.S. – Dantan; Dist. – Paschim Medinipur, West Bengal by West Bengal Mineral Development and Trading Corporation Limited falling within the DSR potential zone code PO_PSM_DT1_SR_11 is approved for EC with the following additional condition that 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.

3.10.4. Recommendation of SEIAA

Approved

3.10.5. Details of Environment Conditions

3.10.5.1. Specific

General Conditions

1. In case the mining area or a part thereof is private land not owned by the Project Proponent (PP), then a written permission should be obtained regarding consent of the land owner(s) concerned for carrying out the mining operation before commencement of any mining activity.
2. The PP shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing, if held.
3. Apart from possessing a valid lease the proponent shall obtain all other necessary permissions before commencement of any mining or allied activity at the lease hold area.
4. The directions given by the Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP(C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 must be followed strictly.
5. It shall be the responsibility of the PP to abide by and to comply with all the provisions made and restrictions imposed, — particularly those regarding environment management practices, by and under the West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021 and the West Bengal Minor Minerals Concession Rules, 2016, failing which the EC shall be liable to be cancelled.
6. The EC is granted on the condition that the lease area falls under the potential sand mining area earmarked in the District Level Survey Report (DSR). Mining shall be done only in an area/ stretch which has been identified in the DSR as well as in the approved Mining Plan.

7. No river bed mining shall be allowed beneath 3 meters of the river bed.
8. The depth of mining in riverbed shall also not exceed one meter above groundwater (base flow) level.
9. No River sand mining shall be carried out in monsoon season, as declared by the concerned District Authority.
10. The PP shall submit Annual Replenishment Report certified by an authorized agency. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased accordingly.
11. If the lease hold area is located in hilly terrain, it is to be ensured by the PP that the mine working depth is limited to 1.0 metre below the riverbed level.
12. In case the lease area, or a part of it, falls in the river flood plain[1], a buffer of three metre to be left from the river bank for mining. (non river-bed sand mining)
13. In case the lease area, or a part of it, is an agricultural field, a buffer of three metre land shall be left between the mine boundary and the adjacent field. (non river-bed sand mining)
14. Mining shall be done in layers of not more than 1 metre depth to avoid ponding effect and only after the first layer is excavated, the process will be repeated for the second layer and so on.
15. The PP shall get the baseflow and groundwater level (water table) monitored on monthly basis. The water level should be referenced to both the 'mean sea level' and the 'local ground level'. During sand mining operations, a network of existing wells shall be established around the sand mining area and piezometers shall be installed at all sand quarry sites. A minimum of four piezometers shall be installed in the no-mining zone around the sand quarrying area. Monitoring of groundwater quality in the vicinity (one km radius from the sand quarrying site) shall be carried out once in every two months.
16. Any area falling within 7.5 metre or 12.5% of the river width, whichever is more, from the river bank (towards the channel) will be left intact as no mining zone.
Subject to above the PP shall identify the central 3/4 part of river on map where there is a deposition of sand and remaining 1/4 part shall be left intact as no mining zone for the protection of the bank.
17. No stream shall be diverted for the purpose of sand mining. No natural water course and/ or water resources shall be obstructed due to mining operations.
18. No blasting shall be resorted to in river bed sand/ gravel mining and no blasting operation shall be carried out without permission at any other place.
19. Irrespective of the location, thickness of sand deposition, agricultural land/ riverbed, the method of mining shall conform to the orders / directions passed by any Court of Law / Tribunal time to time and in compliance with the Sustainable Sand Mining Guidelines 2016 and the Enforcement & Monitoring Guidelines for Sand Mining, 2020.
20. Mining shall begin only after pucca pillars marking the boundary of lease area are erected at the cost of the lease holder at every corner of the lease-hold area. Only after certification in this regard

with the geo coordinates of the corner pillars is issued by the district mining officials, mining can commence. The geo coordinates of the corner pillars shall be made available to the District Level Committee.

21. The top soil in case of surface land mining shall be stored temporarily in an earmarked site and shall be, as far as practicable, concurrently used for land reclamation. { non river bed sand mining }

22. The EC holder shall keep a correct account of quantity of sand mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This shall be produced before officers of the Central Government and/ or the State Government for inspection.

23. Noise arising out of mining and processing unit(s) shall be abated and controlled at source to keep noise level within permissible limit.

24. No sand mining activity shall be carried out between dusk to dawn, or as permitted by the local authority.

25. Infrastructure and facilities erected for the mine shall conform to the provisions made for the purpose at the sand ghat designated and demarcated (with geo referencing) and laid out for the purpose by the District administration.

26. In particular the PP shall ensure that the approach road, – from the proposed sand ghat to the sand storage depot, is planned and maintained with prior consent of the local Administration.

27. There shall be a single point of entry and exit point for all vehicles. In case it is necessary to have more than one entry/exit, all such points shall have check points with all digital monitoring facilities as mentioned in the 'Enforcement and Monitoring Guidelines for Sand Mining' (January, 2020) issued by the Ministry of Environment, Forest and Climate Change. All other possible ways of entry /exit shall be closed using barriers. All provisions shall be made to make it impossible for any vehicle to enter or exit without an entry into the computerized system.

28. All such points shall have 24x7 CCTV coverage; the footage of the CCTV coverage shall be submitted to the District Collector by the PP at mutually agreed frequencies.

29. The PP shall ensure that pollution due to transportation is effectively controlled. The PP shall also ensure regular sprinkling of water.

30. Only potable water may be collected from nearby locality with prior permission of the authority concerned. Water for other purposes shall be taken from the river.

31. It shall be the duty and responsibility of the PP to ensure that air pollution due to dust, exhaust emission or fumes during mining and processing phase are controlled and kept within permissible limits specified under environmental laws.

32. The mineral transportation shall be carried out through covered trucks/ tractors only and the vehicles carrying the mineral shall not be overloaded. Wheel washing facility should be installed and used.

33. The mining operations are to be done in a systematic manner so that the operations shall not

create a major visual impact on the site.

34. Restoration of flora affected by mining must be done immediately. Five times the number of trees destroyed by mining shall be planted (preferably of indigenous species) and maintained over the entire lease period.

Irrespective of the above the proponent shall plant and maintain, for the entire lease period, at least five trees per hectare of lease area in areas near the mine.

35. The PP shall ensure that, there is no damage to any fauna and its habitats/ nestings located close to the sand mining site, if any. The PP should receive clearance from the local Biodiversity Management Committee (BMC)[2] of the district concerned in this regard.

36. No felling of trees in or within the precincts of the mine shall be allowed. If a mining lease area, or a part of it, falls within 10 km from the periphery of any National Park/ Sanctuary or an Eco-Sensitive Zone or a Protected Area, no mining or related activity shall be undertaken without first obtaining a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL), in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004.

37. The PP shall take all necessary protective measures to ensure that no spring sources are affected due to mining activities.

38. Removal, stacking and utilization of top soil in mining area shall be ensured. Where top soil cannot be used concurrently, it shall be stored properly for future use.

39. No overhangs shall be allowed to be formed due to mining and mining shall not be undertaken in areas where landslide is likely to occur due to unfavourable steep angle of slope.

40. No extraction of stone/ boulder/ sand shall be undertaken in landslide prone areas.

41. If clearance of riparian vegetation is to be undertaken it must be done under the supervision and control of an appropriate government authority. It shall be the responsibility of the project proponent to ensure absolute compliance with the relevant provisions of the West Bengal Trees (Protection and Conservation in Non Forest Areas) Act, 2006, and the Rules framed there under.

42. To reduce visual impact of mining the PP shall ensure tidiness.

43. Dumping of waste, if any, shall be done only in earmarked places as approved in the mining plan.

44. No rubbish shall be disposed in the river bed.

45. The PP shall take all possible precautions for the protection of environment and control of pollution.

46. Effluent discharge should be kept to the minimum and it should meet the standards prescribed.

47. No mining shall be undertaken in a mining lease located within 1 km from bridges, highways and railway lines on both upstream and downstream sides, or five times (5x) of the span (x) of bridge, public civil structure (including water intake point) on upstream side and ten times (10 x) the span of such bridge on downstream side, subjected to a minimum of 250 metres on the upstream and 500 metres on the downstream side.

48. Mining activities shall not be done for mine lease where mining can cause danger to site of flood protection works, places of cultural, religious, historical, and archaeological importance.
49. Only such vehicles as are having valid fitness and PUC Certificates, shall be used for transportation of sand.
50. The PP shall develop proper junction at takeoff points of approach road with main road, with proper width and geometry required for safe movement of traffic, at his own cost.
51. The PP shall ensure that the road may not be damaged due to transportation of the mineral; and transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and density.
52. No stacking shall be allowed on road side along State/ National Highways.
53. Suitable sand depots will be located in the vicinity of the sand quarry site to facilitate the sale of sand. While selecting the site for depots, it must be ensured that the site is within 25 km from the sand quarry site and has an area of around 04–06 ha (10-15 acres) with parking facility and proper entry and exit for smooth movement of the vehicles. The depot site shall preferably be a Government poramboke land[3].
54. The PP shall undertake phased restoration, reclamation and rehabilitation of land affected by mining and shall complete this work before abandonment of mine.
55. Restoration, reclamation and rehabilitation in cluster should be done systematically and jointly by each EC holder in that cluster.
56. The site specific plan for eco-restoration submitted by the proponent along with the EC application shall be properly implemented.
57. Transport of mineral shall not be done through villages/ habitations.
58. The route of mineral transportation vehicle from source to destination shall be tracked through the system using checkpoints, Radio-frequency identification (RFID) tags, and GPS tracking.
59. The PP shall make arrangement for drinking water, first aid facility (along with species specific anti-venom provisioning) in case of emergency for the workers.
60. The PP shall implement the Disaster Management Plan if the mine lease area is located in Seismic Zone-IV. The Project Proponent shall appoint a Committee to have a check over any disaster to warn workers well before for the safety of the workers. Emergency helpline number will be displayed at all levels.
61. The PP shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project. Personal Health data like BP ECG, chest X-ray, PFT, smoking habits, blood and urine test etc. shall be undertaken once in six months to take necessary remedial/preventive measures. In this regard recommendations of National Institute of Occupational Health (NIOH) / Central Labour Institute (CLI) / All India Institute of Hygiene and Public Health (AIHH&PH) shall be adopted for ensuring good work-environment for mine workers.
62. The PP shall report monitoring data on replenishment, traffic management, levels of production,

river-bank erosion, maintenance of roads etc.

63. A year-wise excavation schedule showing the breakup of pay-mineral (sand) and waste (if any) 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 shown in the surface plan.

64. The PP 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.

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

66. The PP 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.

67. In addition to regular submission of environmental compliance reports as required under the EIA Notification, 2006, the PP 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.

68. For the purpose of carrying out mining operation in the area, the PP shall furnish financial assurance. The amount of financial assurance^[4] 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.

69. The PP shall prepare a dust and noise minimization plan with adequate details and shall implement the same.

70. Needs of the locality shall be assessed and the social part of the EMP shall be undertaken as stipulated by MoEF&CC Office Memorandum F. No. 22-65/2017.IA.III dated 30.09.2020. Beneficiary of the social component of EMP should be identified and to be displayed at site.

71. The PP shall ensure that the provisions every relevant Acts, Rules Guidelines etc. shall be complied in both letter and spirit.

72. In particular, the PP shall ensure compliance with the provisions laid down in the following Acts/ Rules/ Guidelines.

a. The West Bengal Minor Minerals Concession Rules, 2016;

b. Sustainable Sand Mining Management Guidelines, 2016, issued by the Ministry of Environment, Forest and Climate change, Government of India;

- c. Sand Mining Framework, 2018, issued by the Ministry of Mines, Government of India;
- d. Enforcement & Monitoring Guidelines for Sand Mining, 2020, issued by the Ministry of Environment, Forest and Climate change, Government of India;
- e. The West Bengal Sand Mining Policy, 2021; and,
- f. The West Bengal Sand (Mining, Transportation, Storage and Sale) Rules, 2021.

73. Non-compliance of any of the terms and conditions mentioned hereinabove may lead to cancellation of the environmental clearance granted.

74. The Environmental Clearance is being issued without prejudice to any action initiated under the Environment (Protection) Act, 1986 or any court case pending in any court of law, and it does not mean that the project proponent has not violated any environmental law in the past, and all future decisions made or directives/ orders/ notifications/ circulars issued under the Environment (Protection) Act, 1986 shall be binding on the Project Proponent. Similarly, all verdicts/ orders of the Hon'ble Court will be binding on the project proponent. Hence, this clearance does not give immunity to the project proponent in the case(s) filed against her/ him, if any, or any action initiated against her/ him under the Environment (Protection) Act, 1986.

75. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under the Environment (Protection) Act, 1986.

76. 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.

77. The EC is granted for the project as proposed. In case any deviation or alteration in the project is contemplated the proponent will apply afresh for Environmental Clearance for the proposed modifications and/ or expansion of the project.

78. The stipulations made under other relevant Acts, - in particular the Wild Life (Protection) Act, 1972, the Water (Prevention and Control of Pollution) Act, 1974, the Forest (Conservation) Act, 1980, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, and the Public Liability Insurance Act, 1991, and the rules and regulations made there under, shall be strictly complied with.

79. The State Government may, in its own discretion, impose such further conditions as it may deem fit, necessary or expedient. All such conditions will have to be complied with.

80. Non-compliance to any of the stipulated terms and conditions may lead to cancellation of the EC.

81. If you are aggrieved by the grant of this Environmental Clearance or by any of the terms and conditions imposed herein, you may, in your own discretion, within a period of thirty days from today, prefer an appeal before the National Green Tribunal (Eastern Zonal Bench, Kolkata), HFXC+VR5, Kadampukur Village, Newtown, New Town, West Bengal 700156, under Section 16 of the National Green Tribunal Act, 2010.

82. Additional conditions imposed by SEAC –

Following should be submitted along with the six monthly compliance report :-

- i. 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.
- ii. 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.

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

iv. 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.

v. Transportation plan should be provided in six monthly compliance report.

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

vii. 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.

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

ix. Bank line monitoring report should be submitted along with the six monthly progress reports.

[1] A floodplain Is a generally flat area of land next to a river or stream and it stretches from the banks of the river to the outer edges of the valley

[2] For all local bodies Biodiversity Management Committees (BMCs) of the WB State Biodiversity Board are constituted under Sec. 41(1) of the Biological Diversity Act, 2002

[3] *the land that doesn't fall under the list of revenue records.*

[4] Rupees 15 thousand per hectare of the mining lease area put to use for mining and allied activities or rupees fifty (50)thousand, whichever is higher

3.11. Agenda Item No 11:

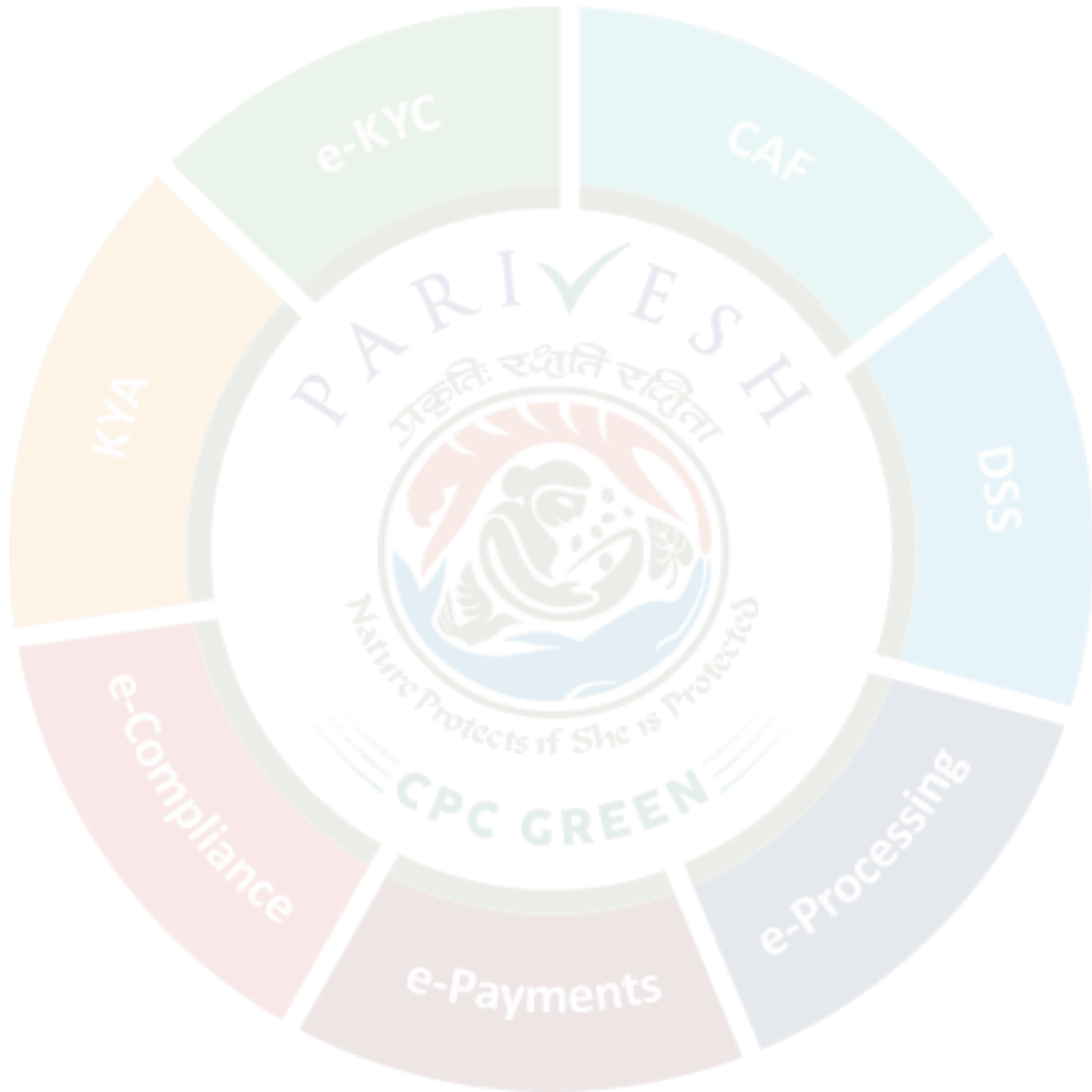
3.11.1. Details of the proposal

Phase-I Expansion within the Existing Campus Consisting of New Academic Block 1 , New Hostel Block H1 , Food Court , Covered Walkway , New Classroom Block - NCB Extension Of MDC , New Service Block-A & Temporary Dog Kennel of Indian Institute Of Management – Calcutta, Joka, Kolkata, West-Bengal by INDIAN institute of management calcutta located at KOLKATA, WEST BENGAL			
Proposal For		Fresh ToR	
Proposal No	File No	Submission Date	Activity

			(Schedule Item)
SIA/WB/INFRA2/50717 0/2024	2N-169/2024(E)	21/11/2024	Townships/ Area Development Projects / Rehabilitation Centres (8(b))

3.11.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :30/11/2024



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:

Mandatory Documents

1) Sanctioned building plan for the project and all other documents should be submitted only in accordance with the notification issued by SEIAA vide no. 2495/EN-T-II-I/011/2018 dated 17.12.2019.

- 2) It appears that there is school, Kendriya Vidyalaya, which lies within the project parcel area. However, the built-up area has not been included in the sanction plan. Revised sanction plan for the project should be submitted.
- 3) Comparative salient features should be provided clearly mentioning the existing and the proposed parts
- 4) Dag nos. for the areas shown as waterbody and the total area of the waterbodies.
- 5) The waterbody should be maintained with maintenance of the embankment as per guidelines. Eco-friendly Fencing may also be provided for safety. Plan in this regard should be submitted.
- 6) Concurrence for disposal of waste water, storm water, solid waste etc. from the competent authority should be submitted.
- 7) Permission from WBF&ES in this regard should be submitted.
- 8) Salient features of the project as per **Annexure – 1**.

Green area and plantation

- 9) DFO approved plantation plan for the entire land parcel specifically showing the land use for exclusive tree plantation area, both in sqm. and percentage of the total land area.
- 10) PP shall attempt to accommodate the proposed buildings by retaining all existing trees. In extremely unavoidable cases, the trees should be transplanted in suitable locations within the campus.
- 11) An inventory of existing trees with botanical and common names and height, girth, canopy of the tree and existing grade levels to be submitted as per NBC 2016, Part 10, section 11.1.2 (plant material schedule).

Water and waste water

- 12) Population calculation and water requirement should be based entirely on NBC, 2016.
- 13) The capacity of rainwater harvesting tank is less than the requirement as mentioned in the SEIAA Notification vide no. 2495/EN-T-II-I/011/2018 dated 17.12.2019. Corrected documents should be submitted.
- 14) The capacity of STP appears to be less than the waste water generation. Corrected documents should be submitted. Backwash water connections should be provided to the filters; accordingly, water balance should be revised.
- 15) The total water requirement is given as 280 KLD while permission has been granted for 150 KLD. Necessary permission from the competent authority should be submitted.
- 16) Water meter with totaliser at the freshwater inlet, and also inlet, recycle and discharge lines of wastewater. Detailed plan in this regard to be submitted. Water balance considering recycled treated water and harvested rainwater to be submitted.
- 17) Plan and flowsheet for distributing rainwater to the harvesting reservoir and recharge structures.

Regular monitoring of the water level by constructing a piezometer is necessary for examining the efficacy of recharge.

Air emission

18) Dust mitigation measures to be adopted during construction.

Need based EMP

19) Specific need-based activities for the proposed project indicating the beneficiaries involved as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020.

Miscellaneous.

20) Provide all the following documents related to High Rise Building as per MoEF&CC, vide No. 21-270/2008-IA.III dated 07.02.2012:

- a) Microclimate (sunshine & shadow analysis and its effect on energy consumption).
- b) Air circulation (effect on natural ventilation and wind speed).
- c) Day lighting (how dependence on artificial lighting during daytime is affected).

21) The PP shall install the following :-

- a) Solar smart meter for recording generation.
- b) Smart flow water meter with totalizer at inlet for fresh water, for inlet, recycle and discharge of wastewater/ treated wastewater with provision for water quality monitoring at all such points.
- c) Water quality management system based on real time data.
- d) STP with the digital data for inlet / outlet along with discharge quality.
- e) Ambient air quality monitoring station based on real time data. Anti smog gun/ mist canon to be provided especially during the construction period.
- f) Ambient noise quality monitoring station based on real time data.
- g) Display board for display of all the environmental parameters and beneficiary of the social component of EMP.
- h) Piezometer with automatic water level recorder connected to a display board. Litholog of piezometer to be submitted.
- i) Solar panel layout plan should be provided with permission for grid metering.
- j) Waste and environmental management plan of the entire food court including kitchen should be submitted.

Plan in this regard to be submitted.

Recommendation : SEAC, taking into account the salient features of the proposed project, recommended that **Terms of Reference may be issued for EIA study of the proposed project. In addition to the standard ToR** the above additional terms/ conditions may be made a part of the ToR. Status of the compliance of the conditions stipulated may be furnished along with the application for Environmental Clearance application.

3.11.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/INFRA2/507170/2024** dated **21 November 2024** seeking Terms of Reference under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proponent applied under SL. No. **8(b) Townships/ Area Development Projects / Rehabilitation Centre** projects under Category "**B1**" of EIA Notification 2006.

SEAC, during its 54th meeting held on 30.11.2024, recommended Terms of Reference may be issued for EIA study of the proposed project. In addition to the standard ToR, the above additional terms / conditions may be construed as the additional ToR. Status of the compliance of the conditions stipulated may be furnished along with the application for Environmental Clearance application.

PROJECT DETAILS

The project of M/s. Indian Institute of Management Calcutta located is as follows :

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

The salient features of the project submitted by the project proponent are available under online proposal no. **SIA/WB/INFRA2/507170/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and approved ToR.

3.11.4. Recommendation of SEIAA

Approved

3.11.5. Details of Terms of Reference

3.11.5.1. Specific

Annexure – 1

Annexure – 1

1.	Land Area	
	Block details	
	Nos. of flats	
	Expected Population (as per NBC, 2016)	
	Total Water requirement (as per NBC, 2016)	
	Fresh Water requirement	
	Wastewater generated	
	Wastewater recycled	
	Wastewater discharged	
	Solid waste generation & disposal (as per NBC, 2016)	
	Total Built-up Area	
	Complete Area Statement along with percentage of the total land area adding upto 100%	
	1. Ground Coverage with percentage of the total land area	

2. Service Area with percentage of the total land area	
3. Waterbody Area (if any), with percentage of the total land area	
4. Exclusive Tree Plantation Area with percentage of the total land area	
5. Other Green Area with percentage of the total land area	
6. Total Paved Area with percentage of the total land area	
7. Area for services	
8. Other area, if any.	
Peak power demand load for the project	
Solar power plant generation in KW & % of the connected load	
No. of Parking spaces proposed	
No. of Trees proposed	
Backup Power	
Project Cost (Rs.)	

General Conditions:-

1.	<ol style="list-style-type: none"> 1) Examine details of land use as per Master Plan and land use around 10 km radius of the project site. 2) Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river. 3) Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/villages and present status of such activities. 4) Examine baseline environmental quality along with projected incremental load due to the project. 5) Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health. 6) Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project. 7) Submit the details of the trees to be felled for the project. 8) Submit the present land use and permission required for any conversion such as forest, agriculture etc. 9) Submit Roles and responsibility of the developer etc. for compliance of environmental regulations under the provisions of EP Act. 10) Ground water classification as per the State Water Investigation Directorate (SWID). 11) Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart. 12) Rain water harvesting proposals should be made with due safeguards for ground water quality. 13) Maximize recycling of water and utilization of rain water. Examine details.
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- 14) Examine soil characteristics and depth of ground water table for rainwater harvesting.
- 15) Examine details of solid waste generation treatment and its disposal.
- 16) Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
- 17) DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment. Examine and submit details.
- 18) Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analyzed with measures for preventing traffic congestion and providing faster trouble-free system to reach different destinations in the city.
- 19) A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
- 20) Examine the details of transport of materials for construction which should include source and availability.
- 21) Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
- 22) Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
- 23) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 24) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out. 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.
- 25) Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website "<http://moef.nic.in/Manual/Townships>".

26) Additional conditions imposed by SEAC - Mandatory Documents-

- 1) **Sanctioned building plan for the project and all other documents should be submitted only in accordance with the notification issued by SEIAA vide no. 2495/EN-T-II-I/011/2018 dated 17.12.2019.**
- 2) It appears that there is school, Kendriya Vidyalaya, which lies within the project parcel area. However, the built-up area has not been included in the sanction plan. Revised sanction plan for the project should be submitted.
- 3) Comparative salient features should be provided clearly mentioning the existing and the proposed parts
- 4) Dag nos. for the areas shown as waterbody and the total area of the waterbodies.
- 5) The waterbody should be maintained with maintenance of the embankment as per guidelines. Eco-friendly Fencing may also be provided for safety. Plan in this regard should be submitted.
- 6) Concurrence for disposal of waste water, storm water, solid waste etc. from the competent authority should be submitted.
- 7) Permission from WBF&ES in this regard should be submitted.
- 8) Salient features of the project as per **Annexure – 1.**

Green area and plantation

- 9) DFO approved plantation plan for the entire land parcel specifically showing the land use for exclusive tree plantation area, both in sqm. and percentage of the total land area.
- 10) PP shall attempt to accommodate the proposed buildings by retaining all existing trees. In extremely unavoidable cases, the trees should be transplanted in suitable locations within the campus.
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- 15) The total water requirement is given as 280 KLD while permission has been granted for 150 KLD. Necessary permission from the competent authority should be submitted.
- 16) Water meter with totalizer at the freshwater inlet, and also inlet, recycle and discharge lines of wastewater. Detailed plan in this regard to be submitted. Water balance considering recycled treated water and harvested rainwater to be submitted.
- 17) Plan and flowsheet for distributing rainwater to the harvesting reservoir and recharge structures. Regular monitoring of the water level by constructing a piezometer is necessary for examining the efficacy of recharge.

Air emission

- 18) Dust mitigation measures to be adopted during construction.

Need based EMP

- 19) Specific need-based activities for the proposed project indicating the beneficiaries involved as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020.

Miscellaneous.

- 20) Provide all the following documents related to High Rise Building as per MoEF&CC, vide No. 21-270/2008-IA.III dated 07.02.2012:
 - a) Microclimate (sunshine & shadow analysis and its effect on energy consumption).
 - b) Air circulation (effect on natural ventilation and wind speed).
 - c) Day lighting (how dependence on artificial lighting during daytime is affected).
- 21) The PP shall install the following :-
 - a) Solar smart meter for recording generation.
 - b) Smart flow water meter with totalizer at inlet for fresh water, for inlet, recycle and discharge of wastewater/ treated wastewater with provision for water quality monitoring at all such points.
 - c) Water quality management system based on real time data.
 - d) STP with the digital data for inlet / outlet along with discharge quality.
 - e) Ambient air quality monitoring station based on real time data. Anti smog gun/ mist canon to be provided especially during the construction period.
 - f) Ambient noise quality monitoring station based on real time data.
 - g) Display board for display of all the environmental parameters and beneficiary of the social component of EMP.

- h) Piezometer with automatic water level recorder connected to a display board. Litholog of piezometer to be submitted.
 - i) Solar panel layout plan should be provided with permission for grid metering.
 - j) Waste and environmental management plan of the entire food court including kitchen should be submitted.
- Plan in this regard to be submitted.

While applying for the environmental clearance, the proponent shall upload the EIA/EMP report along with the documents/ sought above. All the documents should be duly signed by the project proponent and the environmental consultant.

These ToRs should be considered for the preparation of EIA-EMP report for the proposed construction project in addition to all the relevant information as per the General Structures of EIA given in Appendix III and IIIA in the EIA Notification, 2006.

The ToRs prescribed shall be valid for a period of four years for submission of EIA/EMP.

The project proponent is requested to submit the final EIA/EMP prepared as per the above mentioned ToRs for further consideration of the proposal for environmental clearance.

The Project Proponent and the Consultant should abide by the MoEF Notification dated 03.03.2016 and Office Memorandum dated 30.09.2011 and 05.10.2011 along with other stipulations.

3.11.5.2. Standard

8(b)	Townships/ Area Development Projects / Rehabilitation Centres
Project Details	
1.	Need and benefits of the project.
1.	Submit data for built-up area for each building, the use and occupancy classification in line with NBC 2016 also to be indicated [for differential functional requirements].
1.	The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
Land Environment	
1.	Examine details of land use as per Master Plan and land use around 10 km radius of the project site. Analysis should be made based on latest satellite imagery for land use with raw images. Check on flood plain of any river.
Land acquisition and R&R	
1.	Submit details of environmentally sensitive places, land acquisition status, rehabilitation of communities/villages and present status of such activities.

Environmental Monitoring and Management	
1.	Examine baseline environmental quality along with projected incremental load due to the project.
1.	Environmental data to be considered in relation to the project development would be (a) land, (b) groundwater, (c) surface water, (d) air, (e) bio-diversity, (f) noise and vibrations, (g) socio economic and health.
1.	Submit Roles and responsibility of the developer etc for compliance of environmental regulations under the provisions of EP Act.
1.	Examine separately the details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with cost and parameters.
1.	Possible carbon footprint contribution from each activities and mitigation measures proposed shall be included as part of Environment Management Plan.
Drainage	
1.	Submit a copy of the contour plan with slopes, drainage pattern of the site and surrounding area. Any obstruction of the same by the project.
Forest	
1.	Submit the details of the trees to be felled for the project, if any .
1.	Submit the present land use and permission required for any conversion such as forest, agriculture etc.
Water Environment	
1.	Ground water classification as per the Central Ground Water Authority.
Water Management	
1.	Examine the details of Source of water, water requirement, use of treated waste water and prepare a water balance chart.
1.	Rain water harvesting proposals should be made with due safeguards for ground water quality.
1.	Maximize recycling of water and utilization of rain water. Examine details.
1.	Examine soil characteristics and depth of ground water table for rainwater harvesting
1.	Permission from CGWA for abstraction of groundwater, if any, including dewatering during basement excavation.
Waste Management	
1.	Examine details of solid waste generation treatment and its disposal.
1.	Construction & Demolition Waste Management Plan shall be prepared as part of EMP providing details of demolition activities involved along with quantification and disposal mechanism.
Energy Requirements	
1.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project.

1.	Examine and submit details of use of solar energy and alternative source of energy to reduce the fossil energy consumption. Energy conservation and energy efficiency.
1.	DG sets are likely to be used during construction and operational phase of the project. Emissions from DG sets must be taken into consideration while estimating the impacts on air environment.
Road and Traffic	
1.	Examine road/rail connectivity to the project site and impact on the traffic due to the proposed project. Present and future traffic and transport facilities for the region should be analysed with measures for preventing traffic congestion and providing faster trouble free system to reach different destinations in the city.
1.	A detailed traffic and transportation study should be made for existing and projected passenger and cargo traffic.
1.	Examine the details of transport of materials for construction which should include source and availability.
Disaster Management Plan	
1.	Submit details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster. This should cover details of vulnerabilities due to natural and manmade hazards (earthquake, flooding, cyclone, landslides, fire etc.) and details of disaster mitigation efforts for buildings and infrastructure through structural sufficiency and Fire and Life Safety compliance in line with National Building Code NBC, 2016.
Court Cases	
1.	Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
Miscellaneous	
1.	Any further clarification on carrying out the above studies including anticipated impacts due to the project and mitigative measure, project proponent can refer to the model ToR available on Ministry website http://moef.nic.in/Manual/Townships .

3.12. Agenda Item No 12:

3.12.1. Details of the proposal

PROPOSED COLD ROLLING MILL COMPLEX (UNIT V) FOR TOTAL PRODUCTION CAPACITY 7,88,000 TPA WITH PICKLING (0.60MTPA) AND GALVANIZING FACILITIES BY JINDAL INDIA LIMITED by JINDAL INDIA LIMITED located at HOWRAH, WEST BENGAL			
Proposal For		Fresh ToR	
Proposal No	File No	Submission Date	Activity (Schedule Item)
SIA/WB/IND1/507283/2024	2N-168/2024(E)	22/11/2024	Metallurgical Industries (ferrous and non ferrous) (3(a))

3.12.2. Deliberations by the committee in previous meetings

Date of SEAC 1 :30/11/2024

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:-

Mandatory Documents

- 1) The application submitted by the unit is for Unit-V. However, CTE has been granted by WBPCB for Unit-IV and the PP has applied as an expansion of the project. The PP should obtain corrected document in this regard from WBPCB.
- 2) Complete land documents including conversion and mutation of the plot nos. within the project area in the name of the project proponent.
- 3) Ground water permission for the project from the competent authority.

Detailed lay out plan of the project, proposed buildings, roads, greenbelt, and all external utility services clearly marked in the drawing. Land use break up showing each facilities / unit operations including green belt both in sqm. and percentage adding upto 100%.

- 5) A Fire Safety Certificate from the Competent Authority. A disaster management plan is also required.
- 6) MSDS data for all the chemicals should be provided.

Rainwater harvesting

- 7) Proposal for rainwater harvesting should be submitted. Basis of the sizing of RWH tank should be provided.
- 8) Drainage lay out is to be submitted. Natural drainage pattern should be utilized to manage storm water and also for conveying domestic liquid waste and industrial waste water, if there be any, to municipal sewerage under permission.

Water and waste water

- 9) Details of effluent treatment plant indicating expected quality of the raw effluent and treated effluent. Backwash water to be shown to all the filter(s), accordingly water balance should be revised.
- 10) Process flow diagram of the acid regeneration unit indicating the possible environmental impact should be provided.
- 11) Complete water balance for the project, both monsoon and non-monsoon.

Greenbelt

- 12) Tree plantation plan to a scale of 1:100 to be submitted for at least 33% of the project area. Indigenous plant spp with thick and broad foliage may be preferred to raise plantation by planting those plants @2500 nos. per ha.

Need based EMP

- 13) Need-based activities should be according to the public hearing; the activities should be presented as per the Office Memorandum of MoEF& CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. Consent from the beneficiaries should be submitted.

Emission

- 14) Details of emission control system to be provided for each unit operation.
- 15) Details of effluent generated from unit operations including characteristics of expected inlet and outlet of ETP.

Misc.

- 16) Risk assessment and Disaster Management Plan should be submitted.
- 17) Metering of all inlet /outlet of water and energy meter showing consumption of energy for operation of APCD.
- 18) Separate storage area of acid and alkali material.
- 19) Top soil in the project area shall be conserved and reused on completion of construction to the maximum extent possible.

Recommendation: Having taken the salient features of the proposed project into account, the SEAC recommended that the **Terms of Reference for EIA study of the proposed project may be issued. In addition to the standard ToR**, the above additional terms / conditions may be construed as the additional ToR. Public Hearing should be conducted for the project in accordance with the provision of EIA Notification, 2006 and its amendments. Status of the compliance of the additional conditions stipulated may be furnished along with the application for Environmental Clearance.

While applying for the environmental clearance, the proponent shall upload the EIA/EMP report along with the documents/ sought above. **All the documents should be duly signed by the project proponent and the environmental consultant.**

3.12.3. Deliberations by the SEIAA in current meetings

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/IND1/507283/2024** dated **22 November 2024** seeking 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.

SEAC, during its 54th meeting held on 30.11.2024, recommended Terms of Reference for EIA study of the proposed project with additional terms / conditions. Public Hearing should be conducted for the project in accordance with the provision of EIA Notification, 2006 and its amendments. Status of the compliance of the conditions stipulated may be furnished along with the application for Environmental Clearance application.

PROJECT DETAILS

The project of M/s. Jindal India Limited located is as follows :

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

The salient features of the project submitted by the project proponent are available under online proposal no. **SIA/WB/IND1/507283/2024** in PARIVESH Portal.

Deliberations by the SEIAA

SEIAA considered the recommendation of SEAC and approved ToR with the additional condition that the PP should submit an authenticated document regarding the distance of the project from the nearest boundary of Severely Polluted Area as declared by CPCB.

3.12.4. Recommendation of SEIAA

Approved

3.12.5. Details of Terms of Reference

A. STANDARD TERMS OF REFERENCE**1. Executive Summary (Annexure – 1)****2. Introduction**

- i. Details of the EIA Consultant including NABET accreditation.
- ii. Information about the project proponent.
- iii. Importance and benefits of the project.

3. Project Description

- i. Cost of project and time of completion.
- ii. Products with capacities for the proposed project.
- iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion.
- iv. List of raw materials required and their source along with mode of transportation.
- v. Other chemicals and materials required with quantities and storage capacities
- vi. Details of Emission, effluents, hazardous waste generation and their management.
- vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement.
- viii. Process description along with major equipments and machineries, process flow sheet (quantitative) from raw material to final product.
- ix. Hazard identification and details of proposed safety systems.
- x. Expansion/modernization proposals:

- a) Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF, Government of India. Details of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be submitted.
- b) In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of Environmental Protection Act, 1986 (Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance details shall be submitted.

4. Site Details

- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A4 size sheet.
- iii. Details w.r.t. option analysis for selection of site
- iv. Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.
- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, green belt, etc.
- vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plant site.
- viii. Land use break-up of total land of the project site (identified and acquired), government/private - agricultural/industrial/residential.
- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use map shall be submitted.
- x. Geological features and Geo-hydrological status of the study area shall be included.
- xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any river shall also be provided. (mega green field projects)
- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected completion date shall be provided.
- xiii. R&R details in respect of land in line with state Government policy.

5. Forest and wildlife related issues (if applicable):

- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the

- ii. Landuse map based on High resolution satellite imagery (GPS) of the proposed site delineating the forest.
- iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be provided.
- iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migration corridors and other protected areas shall be subject to the comments of the Chief Wildlife Warden-thereon.
- v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for the project area shall be submitted.
- vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the Government of India shall be submitted.

6. Environmental Status

1. Determination of atmospheric inversion level at the project site and site-specific micrometeorological data used for the same.
2. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project.
3. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification.
4. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface water bodies.
5. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
6. Ground water monitoring at minimum at 8 locations shall be included.
7. Noise levels monitoring at 8 locations within the study area.
8. Soil Characteristic as per CPCB guidelines.
9. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic generated by the project.
10. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with species list.
11. Socio-economic status of the study area.

7. Impact and Environment Management Plan

- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological data and AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed at sensitive receptors, if any.
- ii. Water Quality modelling - in case of discharge in water body.
- iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed.
- iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes.
- v. Details of stack emission and action plan for control of emissions to meet standards.
- vi. Measures for fugitive emission control.
- vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding hazardous waste management and resource conservation.
- viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be submitted.
- ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Green belt shall be incorporated.
- x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof.
- xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- xii. Action plan for post-project environmental monitoring shall be submitted.
- xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including evacuation routes shall be submitted.

8. Occupational health

- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.
- ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated, details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure.
- iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within permissible limits.
- iv. Annual report of health status of workers with special reference to Occupational Health and Safety.

9. Corporate Environment Policy

- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it n
- ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infr
- iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues
- iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Bo

10. Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour fo

11. Environment Management Plan (EMP)

- i. The project proponent should submit the proposed EMP on six monthly basis. The office Memorandum

12. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the and compliance/ATR to the notice(s) and present status of the case.

13. A tabular chart with index for point wise compliance of above TOR.

B. Additional Terms of Reference imposed by SEAC –

Mandatory Documents

- 1) The application submitted by the unit is for Unit-V. However, CTE has been granted by WBPCB for Unit-I
- 2) Complete land documents including conversion and mutation of the plot nos. within the project area in the n
- 3) Ground water permission for the project from the competent authority.
- 4) Detailed lay out plan of the project, proposed buildings, roads, greenbelt, and all external utility services cle
- 5) A Fire Safety Certificate from the Competent Authority. A disaster management plan is also required.
- 6) MSDS data for all the chemicals should be provided.

Rainwater harvesting

- 7) Proposal for rainwater harvesting should be submitted. Basis of the sizing of RWH tank should be provided
- 8) Drainage lay out is to be submitted. Natural drainage pattern should be utilized to manage storm water and a

Water and waste water

- 9) Details of effluent treatment plant indicating expected quality of the raw effluent and treated effluent. Backv
- 10) Process flow diagram of the acid regeneration unit indicating the possible environmental impact should be p
- 11) Complete water balance for the project, both monsoon and non-monsoon.

Greenbelt

- 12) Tree plantation plan to a scale of 1:100 to be submitted for at least 33% of the project area. Indigenous plant

Need based EMP

- 13) Need-based activities should be according to the public hearing; the activities should be presented as per the

Emission

- 14) Details of emission control system to be provided for each unit operation.
- 15) Details of effluent generated from unit operations including characteristics of expected inlet and outlet of ET

Misc.

- 16) Risk assessment and Disaster Management Plan should be submitted.

- 17) Metering of all inlet /outlet of water and energy meter showing consumption of energy for operation of APC
- 18) Separate storage area of acid and alkali material.
- 19) Top soil in the project area shall be conserved and reused on completion of construction to the maximum extent.

In addition to the standard ToR the above additional terms/ conditions may be made a part of the ToR. Status of the

The proponent, – while applying for environmental clearance, shall upload in the PARIVESH portal, the EIA/EMP

The West Bengal Pollution Control Board shall arrange public hearing as per EIA Notification, 2006 on submission incorporated in the final EIA / EMP report. The project proponent is requested to pursue the matter with the WB final EIA/EMP prepared as per the above mentioned ToRs and incorporating all the issues raised during Public Hearing.

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

Annexure – 1

The Executive summary of the EIA/EMP report in about 8-10 pages should be prepared incorporating the information

- 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 waste.
- 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.
- 8) Baseline environmental data - air quality, surface and ground water quality, soil characteristic, flora and fauna, socio-economic.
- 9) Identification of hazards in handling, processing and storage of hazardous material and safety system provided to workers.
- 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. 22-65/2006-2007.
- 14) Occupational Health Measures.
- 15) Post project monitoring plan.

3(a)	Metallurgical Industries (ferrous and non ferrous)
Preliminary requirements	
1.	EIA/EMP report cover page shall consists of project title with location, applicable schedule of the EIA Notification, 2006, ToR letter No. with date, study period along with EIA consultant & laboratory details with QCI/NABET/NABL accreditation certificate detail.
1.	Besides, following points shall be compiled as per QCI/NABET norms: a. Disclaimer by the EIA consultant. b. Declaration by the Functional Area Experts contributed to the EIA study and declaration by the head of the accredited consultant organization/authorized person. c. Undertaking by the project proponent owning the contents (information and data) of the EIA/EMP report. d. Undertaking by the EIA consultant regarding compliance of ToR issued by MoEF&CC. e. Consultant shall submit the Plagiarism Certificate for the EIA/EMP Report.
Executive Summary	
1.	Table of Contents of the EIA report including list of tables/figures/annexures/abbreviations/symbols/notations.
1.	Point wise compliance to the ToR issued by MoEF&CC.
1.	Name of the project along with applicable schedule and category as per EIA, 2006.
1.	Location and accessibility
1.	Resource requirements (Land; water; fuel; manpower)
1.	Operational activity
1.	Key pollution concerns
1.	Ambient air quality
1.	Ambient Noise quality
1.	Traffic study
1.	Surface water quality
1.	Ground water quality
1.	Soil quality
1.	Biological Environment
1.	Land use
1.	Socio-economic environment
1.	Impact on ambient air quality
1.	Impact on ambient noise quality
1.	Impact on road and traffic

1.	Impact on surface water resource and quality
1.	Impact on ground water resource and quality
1.	Impact on terrestrial and aquatic habitat
1.	Impact on socio-economic environment
1.	null
1.	Ambient air, noise, water and soil quality
1.	Noise quality management plan
1.	Emission and discharge from the plant
1.	Green Belt
1.	Social Parameters
1.	Risk assessment
1.	Public consultation
1.	Action plan to address the issues raised during public consultation as per MoEF&CC O.M. dated 30/09/2020
1.	null
1.	Air quality management plan
1.	Noise quality management plan
1.	Solid and hazardous waste management plan
1.	Effluent management plan
1.	Storm water management plan
1.	Occupational health and safety management plan
1.	Green belt development plan
1.	Socio-economic management plan
1.	Project cost and EMP implementation budget.
Introduction	
1.	Background about the project
1.	Need of the project
1.	Purpose of the EIA study

1.	Scope of the EIA study
Project description	
1.	Location of the project site covering village, Taluka/Tehsil, District and State.
1.	Site accessibility
1.	A digital toposheet in pdf or shape file compatible to google earth of the study area of radius of 10km and site location preferably on 1:50,000 scale. (including all eco-sensitive areas and environmentally sensitive places).
1.	Latest High-resolution satellite image data having 1 m - 5 m spatial resolution like quickbird, Ikonos, IRS P-6 pan sharpened etc., along with delineation of plant boundary co-ordinates. Area must include at least 100 m all around the project location.
1.	Environment settings of the site and its surrounding along with map.
1.	A list of major industries with name, products and distance from plant site within study area (10km radius) and the location of the industries shall be depicted in the study area map.
1.	In case if the project site is in vicinity of the water body, 50 meters from the edge of the water body towards the site shall be treated as no development/construction zone. If it's near the wetland, Guidelines for implementing Wetlands (Conservation and Management) Rules, 2017 may be followed.
1.	In case if the project site is in vicinity of the river, the industry shall not be located within the river flood plain corresponding to one in 25 years flood, as certified by concerned District Magistrate/Executive Engineer from State Water Resources Department (or) any other officer authorized by the State Government for this purpose as per the provisions contained in the MoEF&CC Office Memorandum dated 14/02/2022.
1.	In case of canal/ nala/ seasonal drain and any other water body passing through project site, the PP shall submit the suitable steps /conservation plan/mitigation measures along with contouring, Run -off calculations, disposal etc. A robust and full proof Drainage Conservation scheme to protect the natural drainage/water bodies and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be provided in the report.
1.	Type of land, land use of the project site needs to be submitted.
1.	Status of acquisition of land. If acquisition is not complete, stage of the acquisition process as per the MoEF&CC O.M. dated 7/10/2014 shall be furnished.
1.	Project proponent shall prepare Engineering layout plan showing all internal roads minimum 6 m width and 9 m turning radius for smooth traffic flow inside including fire tender as per NBC. Road network shall connect all service areas in layout. This drawing shall include area statement showing plot area, area under roads, parking, green belt with calculations and % with respect to plot area of project site and proper indexing. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
1.	Project proponent shall submit contour map of project site along with drainage disposal system with calculations and drawings supported with proper indexing including Rain Water Harvesting details with calculations mentioning about GW recharge along with relevant drawing.
1.	A detailed report covering all aspects of Fire Safety Management and Fire Emergency Plan shall be submitted.
1.	Details of drone survey for the site, needs to be included in report and presented before the EAC during appraisal of the project.
1.	Status of Forest Clearance for the use of forest land shall be submitted.

1.	Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife if the project site located within notified Eco-Sensitive Zone, 10 km radius of national park/sanctuary wherein final ESZ notification is not in place as per MoEF&CC Office Memorandum dated 8/8/2019.
1.	The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, Eco-sensitive Zone and Eco-sensitive areas, the project proponent shall submit the map duly authenticated by Divisional Forest Officer showing the distance between the project site and the said areas.
1.	Wildlife Conservation Plan duly authenticated by the Competent Authority of the State Government for conservation of Schedule I fauna along with budget and action plan, if any exists in the study area.
1.	Products with capacities in Tons per Annum for the proposed project.
1.	If expansion project, status of implementation of existing project, details of existing/proposed products with production capacities in Tons per Annum.
1.	Site preparatory activities.
1.	List of raw materials required and their source along with mode of transportation.
1.	Other than raw materials, other chemicals and materials required with quantities and storage capacities.
1.	Manufacturing process details along with process flow diagram of proposed units.
1.	Consolidated materials and energy balance for the project.
1.	Total requirement of surface/ ground water and power with their respective sources, status of approval.
1.	Water balance diagram
1.	Details of Emission, effluents, hazardous waste generation and mode of disposal during construction as well as operation phase.
1.	Man-power requirement.
1.	Cost of project and scheduled time of completion.
1.	In case of expansion projects, project proponent shall submit structural stability certificate showing whether existing structure withstand for proposed expansion activity.
1.	Brief on present status of compliance (Expansion/modernization proposals) a. Cumulative Environment Impact Assessment for the existing as well as the proposed expansion/modernization shall be carried out. b. Cumulative Impact Assessment need to be carried out by greenfield projects considering the nearby industries. c. In case of ground water drawl for the existing unit, action plan for phasing out of ground water abstraction in next two years except for domestic purposes and shall switch over to 100 % use of surface water from nearby source. d. Copy of all the Environment Clearance(s) including Amendments/validity of extension/transfer of EC, there to obtained for the project from MoEF&CC/SEIAA shall be attached as Annexures. A Certified Compliance Report (CCR) of the Integrated Regional Office of the Ministry of Environment, Forest and Climate Change/ or concerned authority as per OM No. IA3-22/10/2022-IA.III [E 1772581], dated 8th June, 2022 on the status of compliance of conditions stipulated in all the existing environment clearances including amendments shall be provided. A Certified Compliance Report (CCR) issued by the concerned Authority shall be valid for a period of one year from the date of inspection. e. In case the existing project has not obtained Environment Clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. A proper justification needs to be submitted along with documentary proof. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 1994 or 2006,

CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of CTO from the Regional Office of the SPCB shall be submitted, as per OM No. IA3-22/10/2022-IA.III [E 1772581], dated 8th June, 2022. CCR on CTO conditions issued by the concerned SPCBs/PCCs shall be valid for a period of one year from the date of inspection of the project.

Description of the Environment

1. Study period

Approach and methodology for data collection as furnished below

Attributes	Sampling		Remarks
	Network	Frequency	
Air Environment			
Micro-Meteorological <ul style="list-style-type: none"> • Wind speed (Hourly) • Wind direction • Dry bulb temperature • Wet bulb temperature • Relative humidity • Rainfall • Solar radiation • Cloud cover • Environmental • Lapse Rate 	Minimum 1 site in the project impact area	hourly continuous	IS 5182 Part 1-20 <ul style="list-style-type: none"> • Site specific primary data is essential • Secondary data from IMD, New Delhi • CPCB guidelines to be considered.
Pollutants <ul style="list-style-type: none"> • PM10 • SO2 • NOx • CO • HC • Other parameters relevant to the project and topography of the area 	At least 8-12 locations	As per National Ambient Air Quality Standards, CPCB Notification.	<ul style="list-style-type: none"> • Sampling as per CPCB guidelines • Collection of AAQ data (except in monsoon season) • Locations of various stations for different parameters should be related to the characteristic properties of the parameters. • The monitoring stations shall be based on the NAAQM standards as per GSR 826(E) dated 16/11/2009 and take into account the predominant wind direction, population zone and sensitive receptors including reserved forests, • Raw data of all AAQ measurement for 12 weeks of all stations as per frequency

			given in the NAAQM Notification of 16/11/2009 along with min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
Noise			
Hourly equivalent noise levels	At least 8-12 locations	s per CPCB norms	
Water			
Parameters for water quality	<ul style="list-style-type: none"> pH, temp, turbidity, magnesium hardness, total alkalinity, chloride, sulphate, nitrate, fluoride, sodium, potassium, salinity Total nitrogen, total phosphorus, DO, BOD, COD, Phenol Heavy metals Total coliforms, faecal coliforms Phyto plankton Zoo plankton 		
	<p>Samples for water quality should be collected and analyzed as per:</p> <ul style="list-style-type: none"> IS: 2488 (Part 1-5) methods for sampling and testing of Industrial effluents Standard methods for examination of water and wastewater analysis published by American Public Health Association 		
For River Bodies	<ul style="list-style-type: none"> Total Carbon pH Dissolved Oxygen Biological Oxygen Demand Free NH4 Boron Sodium Absorption Ratio Electrical Conductivity 	Surface water quality of the nearest River (60m upstream and downstream) and other surface water bodies	<ul style="list-style-type: none"> Yield of water sources to be measured during critical season Standard methodology for collection of surface water (BIS standards)
For Ground Water	Ground water monitoring data should be collected at minimum of 8 locations (from existing wells /tube wells/existing current records) from the study area and shall be included.		
Traffic Study			
Type of vehicles	Land Environment		

<ul style="list-style-type: none"> • Frequency of vehicles for transportation of materials • Additional traffic due to proposed project 	
<p>Soil</p> <ul style="list-style-type: none"> • Particle size distribution • Texture • pH • Electrical conductivity • Cation exchange capacity • Alkali metals • Sodium Absorption Ratio (SAR) • Permeability • Water holding capacity • Porosity 	<p>Soil samples be collected as per BIS specifications</p>
<p>Land use/Landscape</p> <ul style="list-style-type: none"> • Location code • Total project area • Topography • Drainage (natural) • Cultivated, forest, plantations, water bodies, roads and settlements 	
<p>Biological Environment</p>	
<p>1. Aquatic</p> <ul style="list-style-type: none"> • Primary productivity • Aquatic weeds • Enumeration of phyto plankton, zoo plankton and benthos • Fisheries • Diversity indices • Trophic levels • Rare and endangered species • Marine Parks/ Sanctuaries/ closed areas /coastal regulation zone (CRZ) <p>2. Terrestrial</p> <ul style="list-style-type: none"> • Vegetation-species list, economic importance, forest produce, medicinal value 	<ul style="list-style-type: none"> • Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. Indicator species which indicate ecological and environment degradation should be identified and included to clearly state whether the proposed project would result in to any adverse effect on any species. • Samples to collect from upstream and downstream of discharge point, nearby tributaries at downstream, and also from dug wells close to activity site. • For forest studies, direction of wind should be considered while selecting forests. • Secondary data to collect from Government offices, NGOs, published literature.

<ul style="list-style-type: none"> • Importance value index (IVI) of trees • Fauna • Avi fauna • Rare and endangered species • Sanctuaries / National park / Biosphere reserve • Migratory routes 	
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socio-economic

<p>Demographic structure</p> <ul style="list-style-type: none"> • Infrastructure resource base • Economic resource base • Health status: Morbidity pattern • Cultural and aesthetic attributes. • Education 	<p>Socio-economic survey is based on proportionate, stratified and random sampling method.</p> <ul style="list-style-type: none"> • Primary data collection through questionnaire • Secondary data from census records, statistical hard books, topo sheets, health records and relevant official records available with Govt. agencies
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Approach and methodology for data collection as furnished below

Attributes	Sampling		Remarks
	Network	Frequency	
Air Environment			
<p>Micro-Meteorological</p> <ul style="list-style-type: none"> • Wind speed (Hourly) • Wind direction • Dry bulb temperature • Wet bulb temperature • Relative humidity • Rainfall • Solar radiation • Cloud cover • Environmental • Lapse Rate 	<p>Minimum 1 site in the project impact area</p>	<p>hourly continuous</p>	<p>IS 5182 Part 1-20</p> <ul style="list-style-type: none"> • Site specific primary data is essential • Secondary data from IMD, New Delhi • CPCB guidelines to be considered.
<p>Pollutants</p> <ul style="list-style-type: none"> • PM10 • SO2 • NOx • CO • HC • Other parameters relevant to the project and topography of the area 	<p>At least 8-12 locations</p>	<p>As per National Ambient Air Quality Standards, CPCB Notification.</p>	<ul style="list-style-type: none"> • Sampling as per CPCB guidelines • Collection of AAQ data (except in monsoon season) • Locations of various stations for different parameters should be related to the characteristic properties of the parameters.

			<ul style="list-style-type: none"> The monitoring stations shall be based on the NAAQM standards as per GSR 826(E) dated 16/11/2009 and take into account the predominant wind direction, population zone and sensitive receptors including reserved forests, Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAAQM Notification of 16/11/2009 along with min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
Noise			
Hourly equivalent noise levels	At least 8-12 locations	s per CPCB norms	
Water			
Parameters for water quality <ul style="list-style-type: none"> pH, temp, turbidity, magnesium hardness, total alkalinity, chloride, sulphate, nitrate, fluoride, sodium, potassium, salinity Total nitrogen, total phosphorus, DO, BOD, COD, Phenol Heavy metals Total coliforms, faecal coliforms Phyto plankton Zoo plankton 	Samples for water quality should be collected and analyzed as per: <ul style="list-style-type: none"> IS: 2488 (Part 1-5) methods for sampling and testing of Industrial effluents Standard methods for examination of water and wastewater analysis published by American Public Health Association 		
For River Bodies <ul style="list-style-type: none"> Total Carbon pH 	Surface water quality of the nearest River (60m upstream and		<ul style="list-style-type: none"> Yield of water sources to be measured during critical season

<ul style="list-style-type: none"> • Dissolved Oxygen • Biological Oxygen Demand • Free NH₄ • Boron • Sodium Absorption Ratio • Electrical Conductivity 	downstream) and other surface water bodies	Standard methodology for collection of surface water (BIS standards)
For Ground Water	Ground water monitoring data should be collected at minimum of 8 locations (from existing wells /tube wells/existing current records) from the study area and shall be included.	
Traffic Study		
Type of vehicles <ul style="list-style-type: none"> • Frequency of vehicles for transportation of materials • Additional traffic due to proposed project 	Land Environment	
Soil <ul style="list-style-type: none"> • Particle size distribution • Texture • pH • Electrical conductivity • Cation exchange capacity • Alkali metals • Sodium Absorption Ratio (SAR) • Permeability • Water holding capacity • Porosity 	Soil samples be collected as per BIS specifications	
Land use/Landscape <ul style="list-style-type: none"> • Location code • Total project area • Topography • Drainage (natural) • Cultivated, forest, plantations, water bodies, roads and settlements 		
Biological Environment		
1. Aquatic <ul style="list-style-type: none"> • Primary productivity • Aquatic weeds • Enumeration of phyto plankton, zoo plankton and benthos 	<ul style="list-style-type: none"> • Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. Indicator species which indicate ecological and environment degradation should be identified and included to clearly state whether the proposed project would result in to any adverse effect on any species. 	

<ul style="list-style-type: none"> • Fisheries Diversity indices • Trophic levels • Rare and endangered species • Marine Parks/ Sanctuaries/ closed areas /coastal regulation zone (CRZ) <p>2. Terrestrial</p> <ul style="list-style-type: none"> • Vegetation-species list, economic importance, forest produce, medicinal value • Importance value index (IVI) of trees • Fauna • Avi fauna • Rare and endangered species • Sanctuaries / National park / Biosphere reserve • Migratory routes 	<ul style="list-style-type: none"> • Samples to collect from upstream and downstream of discharge point, nearby tributaries at downstream, and also from dug wells close to activity site. • For forest studies, direction of wind should be considered while selecting forests. • Secondary data to collect from Government offices, NGOs, published literature. 										
socio-economic											
<p>Demographic structure</p> <ul style="list-style-type: none"> • Infrastructure resource base • Economic resource base • Health status: Morbidity pattern • Cultural and aesthetic attributes. • Education 	<p>Socio-economic survey is based on proportionate, stratified and random sampling method.</p> <ul style="list-style-type: none"> • Primary data collection through questionnaire • Secondary data from census records, statistical hard books, topo sheets, health records and relevant official records available with Govt. agencies 										
1.	<p>Interpretation of each environment attribute shall be enumerated and summarized as given below: • Ambient air quality • Ambient Noise quality • Surface water quality • Ground water quality • Soil quality • Biological Environment • Land use • Socio-economic environment</p>										
1.	<p>The PP should submit the photograph of monitoring stations & sampling locations. The photograph should bear the date, time, latitude & longitude of the monitoring station/sampling location. In addition to this PP should submit the original test reports and certificates of the labs which will analyze the samples.</p>										
<p>Anticipated Environment Impacts and mitigation measures (In case of expansion, cumulative impact assessment shall be carried out)</p>											
1.	<p>Identification of potential impacts in the form of a matrix for the construction and operation phase for all the environment components</p> <table border="1" data-bbox="183 1966 1476 2083"> <thead> <tr> <th data-bbox="183 1966 630 2007">Activity</th> <th data-bbox="630 1966 917 2007">Environment</th> <th data-bbox="917 1966 1141 2007">Ecological</th> <th data-bbox="1141 1966 1476 2007">Socio-economic</th> </tr> </thead> <tbody> <tr> <td data-bbox="183 2007 630 2083">Construction phase</td> <td data-bbox="630 2007 917 2083"></td> <td data-bbox="917 2007 1141 2083"></td> <td data-bbox="1141 2007 1476 2083"></td> </tr> </tbody> </table>			Activity	Environment	Ecological	Socio-economic	Construction phase			
Activity	Environment	Ecological	Socio-economic								
Construction phase											

	Operation phase			
1.	Impact on ambient air quality (Sources; Embedded control measures; Assessment; Mitigation measures; Residual impact) a. Construction phase b. Operation phase • Details of stack emissions from the existing as well as proposed activity. • Assessment of ground level concentration of pollutants from the stack emission based on AQIP Modelling The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any along with wind rose map for respective period • Impact on ground level concentration, under normal, abnormal and emergency conditions. Measures to handle emergency situations in the event of uncontrolled release of emissions.			
1.	Impact on ambient noise quality (Sources; Embedded control measures; Assessment; Mitigation measures; Residual impact) a. Construction phase b. Operation phase			
1.	Impact on traffic (Sources; Embedded control measures; Assessment; Mitigation measures; Residual impact) a. Construction phase b. Operation phase			
1.	Impact on soil quality (Sources; Embedded control measures; Assessment; Mitigation measures; Residual impact) a. Construction phase b. Operation phase			
1.	Impact on land use (Sources; Embedded control measures; Assessment; Mitigation measures; Residual impact) a. Construction phase b. Operation phase			
1.	Impact on surface water resource and quality (Sources; Embedded control measures; Assessment; Mitigation measures; Residual impact) a. Construction phase b. Operation phase			
1.	Impact on ground water resource and quality (Sources; Embedded control measures; Assessment; Mitigation measures; Residual impact) a. Construction phase b. Operation phase			
1.	Impact on terrestrial and aquatic habitat (Sources; Embedded control measures; Assessment; Mitigation measures; Residual impact) a. Construction phase b. Operation phase			
1.	Impact on socio-economic environment (Sources; Embedded control measures; Assessment; Mitigation measures; Residual impact) a. Construction phase b. Operation phase			
1.	Impact on occupational health and safety (Sources; Embedded control measures; Assessment; Mitigation measures; Residual impact) a. Construction phase b. Operation phase			
Analysis of Alternatives (Technology & Site)				
1.	No project scenario			
1.	Site alternative			
1.	Technical and social concerns			
1.	Conclusion			
Environmental Monitoring Program				
1.	Details of the Environment Management Cell			
1.	Performance monitoring schedule for all pollution control devices shall be furnished.			
1.	Corporate Environment Policy			

	<p>a. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.</p> <p>b. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environment or forest norms / conditions? If so, it may be detailed in the EIA.</p> <p>c. What is the hierarchical system or Administrative order of the company to deal with the environment issues and for ensuring compliance with the environment clearance conditions? Details of this system may be given. Page 9 of 10</p> <p>d. Does the company have system of reporting of non compliances / violations of environment norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report</p>																														
1.	<p>Action plan for post-project environment monitoring matrix:</p> <table border="1"> <thead> <tr> <th>Activity</th> <th>Aspect</th> <th>Monitoring Parameter</th> <th>Location</th> <th>Frequency</th> <th>Responsibility</th> </tr> </thead> <tbody> <tr> <td colspan="6">Construction phase</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="6">Operation phase</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Activity	Aspect	Monitoring Parameter	Location	Frequency	Responsibility	Construction phase												Operation phase											
Activity	Aspect	Monitoring Parameter	Location	Frequency	Responsibility																										
Construction phase																															
Operation phase																															
Additional Studies																															
1.	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage after offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitorable with defined time frames.																														
1.	Details of adoption/ implementation status/plan to achieve the goal of Glasgow COP26 Climate Submit with regard to enhance the non-fossil energy, use of renewable energy, minimization of net carbon emission and carbon intensity with long-term target of "net Zero" emission.																														
1.	Implementation status/measures adopted for avoiding the generation of single used plastic waste.																														
1.	In cases the project is located in Critically and Severely Polluted Areas, additional mitigation measures adopted and detailed action plan to be submitted in the EIA/EMP Report as per MoEF&CC O.M. No. 22-23/2028-IA.III dated 31/10/2019 and MoEF&CC O.M. No. 22-23/2028-IA.III dated 5/07/2022 has to be submitted.																														
1.	Public consultation details (Entire proceedings as separate annexure along with authenticated English Translation of Public Consultation proceedings).																														
1.	As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration. In this regard, time bound action plan as per the MoEF&CC Office Memorandum dated 30/09/2020 shall be submitted.																														
1.	<p>Summary of issues raised during public consultation along with action plan to address the same as per MoEF&CC O.M. dated 30/09/2020</p> <table border="1"> <thead> <tr> <th rowspan="2">S.No</th> <th colspan="2">Physical activity and action plan</th> <th colspan="3">Year of implementation (Budget in INR)</th> <th rowspan="2">Total Expenditure (Rs. in Crores)</th> </tr> <tr> <th>Name of the Activity</th> <th>Physical Targets</th> <th>1st</th> <th>2nd</th> <th>3rd</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	S.No	Physical activity and action plan		Year of implementation (Budget in INR)			Total Expenditure (Rs. in Crores)	Name of the Activity	Physical Targets	1st	2nd	3rd																		
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	Name of the Activity	Physical Targets	1st	2nd	3rd																										

1.	<p>Risk assessment</p> <ul style="list-style-type: none"> • Methodology • Hazard identification • Frequency analysis • Consequence analysis • Risk assessment outcome 					
1.	Emergency response and preparedness plan					
Project Benefits						
1.	Environment benefits					
1.	Social infrastructure					
1.	Employment and business opportunity					
1.	Other tangible benefits					
Environment Cost Benefit Analysis						
1.	Net present value					
1.	Internal rate of return					
1.	Benefit cost ratio					
1.	Cost effectiveness analysis					
Environment Management Plan (Construction and Operation phase)						
1.	Air quality management plan					
1.	Noise quality management plan					
1.	Action plan for hazardous waste management					
1.	Action plan for solid waste management					
1.	Action plan for e-waste management.					
1.	Action plan for plastic waste management, considering the Plastic Waste Management Rules 2016.					
1.	Action plan for construction and demolition waste management.					
1.	Effluent management plan					

1.	Storm water management plan
1.	Rain water harvesting plan
1.	Plan for maximum usage of waste water/treated water in the Unit
1.	Occupational health and safety management plan
1.	Green belt development plan: An action plan for Green Belt development consisting of 3 tiers of plantations of native species all along the periphery of the project of adequate width shall be raised in 33% of total area with a tree density shall not less than 2500 per ha within a time frame of one year shall be submitted. Survival rate of green belt shall be monitored on periodic basis to ensure that survival rate not be less than 80 %.
1.	Socio-economic management plan
1.	Wildlife conservation plan (In case of presence of schedule I species)
1.	Total capital cost and recurring cost/annum for environment pollution control measures shall be included.
1.	Explore possibilities for recycling and reusing of treated water in the unit to reduce the freshwater demand and waste disposal.
1.	An Action Plan for improving the house-keeping activities in the raw material handling area need to be submitted
1.	Action plan for the stock piles with impervious floor, provision of garland drains and catch pits to trap run off material shall be submitted.
1.	Action plan to limit the dust emission from all the stacks below 30 mg/Nm ³ shall be furnished.
1.	Action plan for fugitive emission control in the plant premises shall be provided.
Conclusion of the EIA study	
1.	null
In addition to the above, any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.	
1.	null
Air cooled condensers shall be used in the power plant.	
1.	null
Details of Dry Ash handling system along with supplementary coal handling system shall be submitted.	
1.	null
Plan for transportation of coal shall be submitted.	
1.	null
Plan along with technical details of SCR shall be submitted.	

1.	null
In case of expansion project, Status of Ash Utilization of previous years (up to 5 years), action plan for 100% ash utilization along with timeline need to be submitted	
1.	null
null	
1.	A 3-D view i.e. DEM (Digital Elevation Model) for the area in 10 km radius from the proposal site. MRL details of project site and RL of nearby sources of water shall be indicated.
1.	Plan for the implementation of the recommendations made for the proposed Unit in the Corporate Responsibility for Environmental Protection (CREP) guidelines.
1.	Plan for solid wastes utilization.
1.	Plan for utilization of energy in off gases (coke oven, blast furnace)
1.	System of coke quenching adopted with full justification.
1.	Details on environmentally sound technologies for recycling of hazardous materials, as per CPCB Guidelines, may be mentioned in case of handling scrap and other recycled materials.
1.	Details on toxic metal content in the waste material and its composition and end use (particularly of slag).
1.	Details on toxic content using Toxicity Characteristic Leaching Procedure (TCLP), composition and end use of slag.
1.	100 % dolo char generated in the plant shall be used to generate power.
1.	Fourth Hole fume extraction system shall be provided for SAF.WHR system shall be installed to recover sensible heat from flue gases of EAF. Provision for installation of jigging and briquetting plant to utilise the fines generated in the process.
1.	No tailing pond is permitted for Iron ore slimes. Dewatering and filtration system shall be provided.
1.	Action plan for the stock piles with impervious floor, provision of garland drains and catch pits to trap run off material shall be submitted.
1.	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be submitted.
1.	Action plan to limit the particulate matter emission from all the stacks below 30 mg/Nm ³ shall be furnished.
1.	Action plan for 100 % solid waste utilization shall be submitted.
1.	PM (PM ₁₀ and P _{2.5}) present in the ambient air must be analysed for source analysis – natural dust/RSPM generated from plant operations (trace elements) of PM ₁₀ to be carried over.
1.	Iron ore/coal linkage documents along with the status of environment clearance of iron ore and coal mines, if applicable.
1.	Quantum of production of coal and iron ore from coal & iron ore mines and the projects they cater to. Mode of transportation to the plant and its impact, if applicable.

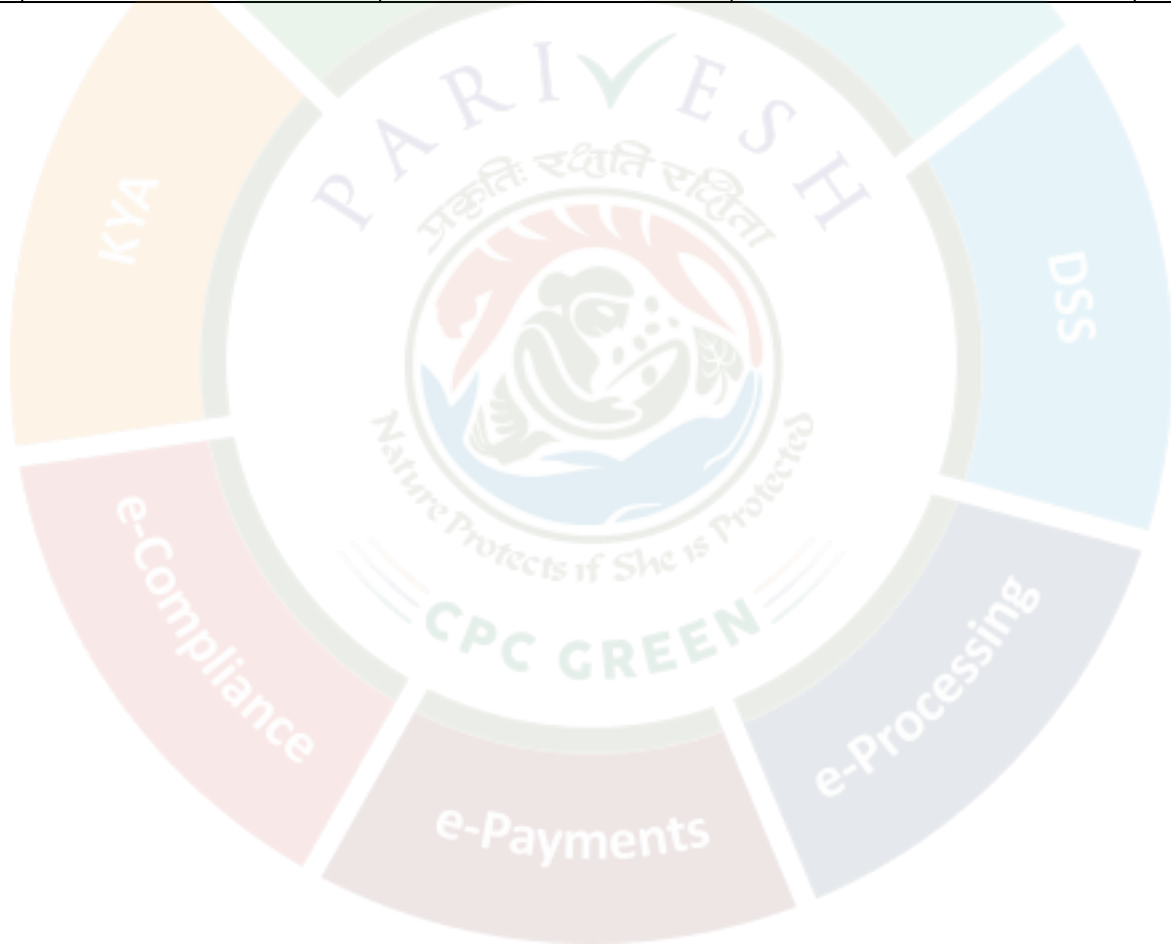
1.	Details on environmentally sound technologies for recycling of hazardous materials, as per CPCB Guidelines, may be mentioned in case of handling scrap and other recycled materials, if applicable.
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4. Any Other Item(s)

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	



MISCELLANEOUS

1. Presentation on six monthly compliance report of the following projects :-

- i. Proposed expansion of existing Stand alone Cement Grinding Unit from 0.6 MTPA to 1.8 MTPA at Vill. – Madukunda, Tehsil – Raghunathpur, PO – Sunuri, Dist. – Purulia, PIN – 723121, West Bengal by **M/s. ACC Ltd. (Damodhar Cement Works)**

The PP was absent.

- ii. Proposed expansion of **Peerless Hospitex Hospital and Research Center Ltd.** at Premises No.1 360, Panchasayar, Mouza-Chakgaria, J.L. No. 26, Khatian No. 10, Dag No.01, P.S. Purba Jadavpur, under Ward No. 109 & Borough-XII of Kolkata Municipal Corporation (K.M.C.)

The PP made the presentation which was found to be inadequate. SEIAA decided to allow the PP another two weeks for making fresh and detailed presentation as per query.

- iii. Hospital Building of **Gouri Devi Institute of Medical Science and Hospital (GIMSH)**, J.L. No.77, Mouza-Manikara, Amlajora Panchayat, Block-Kanksa, Dist. Paschim Bardhaman, Pin-713212

The PP was absent.

- iv. Proposed Berada Quartz Mine by **M/s. KALKONS** project (Area-1.092 Ha.) at Plot No. 2860, 2855(P), 2857, 2858, J.L. No. 104, Mouza-Berada, Block-Barabazar, Dist. Purulia, West Bengal.

The PP was absent.

- v. Proposed Fire clay and China clay mine by **Minati Ghosh** at Plot No. 2439, J.L. No. 41, Mouza-Masra, P.S. Rampurhat, Dist. Birbhum.

The PP was asked through its representative to submit compliance report chronologically since its start of operations as no such compliance report have yet been submitted.

2. DIRECTION issued by West Bengal Pollution Control Board to following units:-

- i. DIRECTION vide Memo No. 10404(2)-IM-11/2009 (Part-XI) dated 11.12.2024 issued to **M/s. Mega Developers (Unit-Lumina Luxuria)**, located at Uttorayon, Group Housing Plot – B, PS – Matigara, Dist. – Darjeeling, PIN – 734010, West Bengal.

SEIAA decided to write to PP to stop construction work as directed by WBPCB.

- ii. DIRECTION vide Memo No. 10405(2)-IM-11/2009 (Part-XI) dated 11.12.2024 issued to **M/s. SKA Lumina Developers**, located at Uttorayon, Mouza - Ujanu, J.L. No. 86, PS – Matigara, Dist. – Darjeeling, PIN – 734010, West Bengal.

SEIAA decided to write to PP to stop construction work as directed by WBPCB.

- iii. DIRECTION vide Memo No. 10406(2)-IM-11/2009 (Part-XI) dated 11.12.2024 issued to **M/s. BDS Group & M/s. MKG Developers, Project : 'BDS Eternia'** located at Plot No. 34, 35, 35/471 (R.S.), 2, 5 (L.R.), J.L. No. 02, Khatian No. – 805 (R.S.), 48, 47 (L.R.) Sheet No. – 9 (R.S.) & 29 (L.R.), Mouza – Dabgram, Dabgram G.P., Eastern Bypass, Thakur Nagar, P.S. – Bhaktinagar, Dist. – Jalpaiguri, PIN - 734004, West Bengal.

SEIAA decided to write to PP to stop construction work as directed by WBPCB.

3. Letter received from Y. S. Malik, Chairman & Managing Director, Unitech vide No. CMD/Unitech/2024/80 dated 18.12.2024 requesting SEIAA to grant EC in respect of **Uniworld City** at Plot No. 3B/2, Action Area III, New Town, Kolkata in compliance of the order of the Hon'ble Supreme Court dated 04.12.2024.

SEIAA discussed the issue and observed that application for EC is pending with the PP on PARIVESH portal, which is a central online portal for processing of EC. Unless and until PP send the proposal to SEIAA end, it cannot be processed further. PP was advised to do so vide SEIAA letter No. 1171/EN/T-II-1/020/2020 dated 11.07.2024 and in compliance of the order of Hon'ble Supreme Court also.