

Minutes of the 10th meeting of the State Level Expert Appraisal Committee, West Bengal (2023-2026) held on August 02, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.

The 10th meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal (2023-2026) was held on Wednesday the 02nd August, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar. The following members participated:

1)	Dr. Rajesh Kumar, IPS	Secretary, SEAC	Present
2)	Prof. (Dr.) Anirban Gupta	Chairman, SEAC	Present
3)	Prof. (Dr.) Sampa Chakraborty	Member, SEAC	Present
4)	Prof. (Dr.) Suchandra Bardhan	Member, SEAC	Present
5)	Prof. (Dr.) Pradip Kumar Sikdar	Member, SEAC	Present
6)	Prof. (Dr.) Indranath Sinha	Member, SEAC	Present
7)	Prof. (Dr.) Aniruddha Mukhopadhyay	Member, SEAC	Present
8)	Shri Shubhendu Bandyopadhyay	Member, SEAC	Present

1) TECHNICAL PRESENTATIONS

1.1) For Terms of Reference

1.1.1) Industry Sector

- I. **Proposed increase in production capacity of existing installed facilities by augmentation of existing 1x6 T Induction Furnace to 1x8 T Induction Furnace and installation of new 2x10 T + 8x20 T Induction Furnace with matching CCM & LRF/AOD for ultimate production of 600000 TPA Billets & Ingots from 3x8 T + 4x10 T + 8x20 T Induction Furnace along with expansion of existing rolling mill from 162000 to 580000 TPA for production of CTD & TMT bars/ Epoxy Coated TMT Bars or Rebars, Wire & Wire Rod, Nail and installation of new Oxygen plant -1 x 60 TPD, SMS Slag Crusher 1 x 30 TPH, Producer gas plant-2 x 6000 N/m³ and 45 MW CFBC (Coal & Dolochar mix based) Captive power plant at J.L. No-12, Tulsiberia Road, Village – Kulgachia, P.S. – Uluberia, Mouza – Sreerampur, District – Howrah, PIN – 711303, West Bengal.**

Proposal No.:

SIA/WB/IND1/437152/2023

Project Proponent:

M/s. Rashidhan Sales Private Limited.

Environmental Consultant:

Not engaged.

Activity:

- This is a proposal for capacity expansion of an existing metallurgical industry comprising the following:
 - A Steel Melting Shop of 194400 TPA capacity with matching Ladle Refining Furnace (LRF), Argon Oxygen Decarburization (AOD) units and Continuous Casting Machines (CCM). Particulars of the installed capacities of Induction Furnaces (IF) are as below:

Capacity	No of Units
06 te	01
08 te	02
10 te	02

- A Rolling Mill of 162000 TPA capacity with matching reheating furnace.
- It is proposed to enhance the installed capacity of the project (i) by augmenting the capacity of the 06 te IF to 08 te, and (ii) by installing new units of IF as below:

Capacity	No of Units
10 te	02
20 te	08

- Thus, the final population induction furnaces at the location will be as below:

Capacity	No of Units
08 te	03
10 te	04
20 te	08

After the desired expansion and modification of the project is accomplished the augmented production capacities of the project will rise to 6,00,000 TPA Billets & Ingots and 5,80,000 TPA rolled products. The products will be Cold Twisted Deformed (CTD) bars, Thermo Mechanical Treatment (TMT) bars, Epoxy Coated TMT Bars or Rebars, Wires and Wire Rods, and Nails. Ancillary facilities will include (i) a new Oxygen Plant of 60 TPD capacity, an SMS Slag Crusher of 30 TPH capacity, a Producer gas plant-2 x 6000 N/m³ and a Coal & Dolochar mix based Circulating fluidized bed combustion (CFBC) Captive power plant of 45 MW capacity.

Salient Features of the Project:

- Salient features of the proposed project as uploaded in the PARIVESH portal by the PP is given below –

Brief description of the project	Increase in production capacity of existing installed facilities by augmentation of existing 1 x 6 T I.F. to 1 x 8 T I.F. and installation of new 2 x 10 T + 8 x 20 T Induction furnace with matching CCM & LRF/AOD for ultimate production of 6,00,000 TPA Billets & Ingots from 3 x 8 T + 4 x 10 T + 8 x 20 T Induction furnace along with expansion of existing rolling mill from 1,62,000 TPA to 5,80,000 TPA for production of CTD & TMT bars/ Epoxy Coated TMT Bars or Rebars, Wire & Wire Rod, Nail and installation of new Oxygen plant-1 x 60 TPD, SMS Slag Crusher 1 x 30 TPH, Producer gas plant-2 x 6000 N/m ³ and 45 MW CFBC (Coal & Dolochar mix based) Captive power plant.
Project Location	Tulsiberia Road, Village – Kulgachia, P.S. – Uluberia, Mouza – Sreerampur, District – Howrah, West Bengal.
Latitude and Longitude	22°28'35.14"N to 22°28'46.10"N

	88°0"46.87"E to 88°01"01.21"E				
Area of Plant	Existing plant area is 10.41 hectare (25.72 acres).				
Greenbelt & Plantation Area	8.49 Acres (3.46 hectare) of the project area. Total plantation to be achieved @ 2500 trees per hectare is 8,700 numbers.				
Proposed Products & Capacity	Particulars of Facilities	Configuration	Capacity	Product	
	Induction Furnace with matching CCM	3 x 8 T + 4 x 10 T + 8 x 20 T	6,00,000 TPA	M.S. Billets & Ingots	
	Rolling Mill with matching reheating furnace	----	5,80,000 TPA	CTD & TMT bars/ Epoxy Coated TMT Bars or Rebars, Wire & Wire Rod, Nail	
	Producer Gasifier	2 x 6000 N.m3 /hr	12000 N.m3 /hr	Coal Gas	
	CPP-CFBC	45 MW	45 MW	Power	
	Oxygen Plant	1 x 60 TPD	60 TPD	Oxygen	
	Source of water	During Construction phase: Ground water– 20 KLD During Operation phase: SWID, Bore well & Rainwater Harvesting Structure.			
Fresh Water Requirement	Existing for CTO Operational Unit	Additional	Total		
	197 KLD	413 KLD	610 KLD		
Power requirement & Source	Existing for CTO Operational Unit	Additional	Total		
	21 MW	46 MW	67 MW		
	Source : From proposed 45 MW CFBC, (captive power plant) and from Grid WBSEDCL/DVC.				
Back up	4 x 360 KVA DG sets				
Man power requirement	Total 570 persons				
Land use break up	Sl. No.	Description	Acers	Hectares	%
	1	Existing Plant	3.78	1.53	14.70
	2	Proposed Expansion Project Area	8.70	3.52	33.83
	3	Open / Raw Material Stock Yard	1.21	0.48	4.70
	4	Internal Road	2.61	1.06	10.15
	5	Rain Water Harvesting Pond	0.62	0.25	2.41
	6	Green Belt Development	8.55	3.46	33.24
	7	Admin Office, Security, Gate, Canteen & Store	0.25	0.11	0.97
		Grand Total	25.72	10.41	100
	Cost of the proposed expansion (Rs.)	Rs. 350.00 Crores (Total project cost is Rs. 404.30 Crores)			

Chronology of Events as uploaded by the PP in the PARIVESH portal :

- The previous owner of the project M/s. Shri Badrinarain Alloys and Steels Limited had obtained Environment clearance (EC), for a proposed expansion of the project from the MoEFCC vide its letter no. J-11011/432/2008- IA II (I) dated 26/07/2012.
- The EC was amended by MoEFCC vide its letter of even number dated 15/05/2018; some of the facilities envisaged in EC dated 26/07/2012 were surrendered.
- The validity of the EC granted in 2018 expired on 25/07/2019.
- M/s. Shri Badrinarain Alloys and Steels Limited has gone into liquidation and M/s. Rashidhan Sales Private Limited has acquired the project.
- The new owner, namely, M/s. Rashidhan Sales Private Limited sought transfer of EC of the project in the name of the present proponent, vide their online application to MoEFCC (proposal no. IA/WB/IND/221828/2021 dated 31/08/2021).
- The MoEFCC granted EC for the project to the present proponent, - M/s. Rashidhan Sales Private Limited, vide EC No- J-11011/432/2008-IA. II(I) dated 22.09.2021. The EC was granted for the existing operational Rolling Mill for production of 0.162 million tonne of CTD & TMT bars per annum and for 2x8 te + 1x6 te + 2x10 T Induction Furnace for production of 0.1944 million tonnes of Billets & Ingots per annum.
- Necessary consent and no-objection letters were issued by the West Bengal Pollution Control Board vide NOC No-164575 dated 31.08.2021) and CO no- 113455 dated 05.04.2018 and memo no-628-PCB/HOW/475-2005 dated 27.09.2021. The PCB NOCs were issued for transfer of EC from the previous owner to the present proponent. The company has also obtained CTO from WBPCB vide CTO no-CO134330 dated 16.11.2022.
- The PP applied in prescribed format for Terms of Reference for the project and uploaded the application in the PARIVESH portal on 18.07.2023.
- The PP was called for the ToR presentation in the 10th meeting of SEAC, WB held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

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

CCR:

- 1) Certified Compliance Report of MoEF and CC vide O.M. F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022 to be submitted during EC application.

Legal documents:

- 2) Complete land documents of 10.41 hectare (25.72 acres). Land records showing the current status of conversion and mutation in the name of the PP. Porcha for all the dag nos. should be submitted. A land summary statement showing the individual dag nos., their ownership, area and status of conversion.

Land use:

- 3) Drone video and geotagged photographs showing present site conditions are necessary.

- 4) Comprehensive site plan showing all services.
- 5) Driveway truck parking and storage areas to be shown in the plot plan.
- 6) A comprehensive site plan showing all utilities, buildings, road circulation, water-body with embankment, greenbelt, etc. to be submitted with appropriate legends/ labelling.
- 7) Water reservoir – embankment should be conserved as per guidelines.
- 8) Periodic analysis of the water in the reservoir to ensure its quality before using for dust suppression and gardening.

Greenbelt:

- 9) A tree plantation plan for the greenbelt to be submitted after accounting for the space required for the access ways to the plant areas of the site.

Process plant:

- 10) Actual number of induction furnaces to be newly installed.
- 11) Detailed plan on management and handling of tar sludge from gasifier.
- 12) Plan for containment of VOC in epoxy coating area.
- 13) MSDS data for epoxy powder and cooling tower dosing chemicals should be furnished.
- 14) No pollution should be imparted from producer gas and cryogenic oxygen plant – a plan should be furnished.

Solid waste management:

- 15) Detailed ash management plan. Agreement regarding utilization of fly ash and bottom ash.
- 16) Analysis of bottom ash before using it for road construction.

Power:

- 17) Total power required should be indicated. Cryogenic oxygen plant is power intensive – plan for its back-up power.

Water and wastewater:

- 18) Location of borewells in the site map including the distance between each borewell. Bore well and litholog and design to be provided. Piezometers should also be installed and ground water level data should be recorded periodically.
- 19) Design of ETP for treatment of phenolic water.
- 20) Flow chart and metering of water from source to utilization.
- 21) Consent of the competent authority to receive the discharge into public drain.
- 22) Fire safety measures and risk management plan may be submitted.
- 23) A hydrogeological study mentioning the groundwater levels at selected network stations, depth to water level map, water level elevation contour map, and the amount of discharge of groundwater vis-a-vis recharge in the aquifer underlying the project area should be submitted.

The standard ToR of MoEF&CC – along with the ToR proposed by the proponent and the information/ documents/ clarifications/ studies listed hereinabove, shall form the ToR for EIA study of the proposed project. While applying for environmental clearance, the proponent shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ clarifications sought above. All the documents shall be duly signed both by the project proponent and the environmental consultant.

Recommendations: 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.

II. Proposed Synthetic Resin Production Plant (PF Resin & MUF Resin) at L.R. Plot No 1666, 1667 & 1664, Village – Khalaigram, P.O. – Tengramari, P.S. – Dhupguri, Dist. – Jalpaiguri, West Bengal, Pin – 735210. (Violation case)

Proposal No. SIA/WB/IND3/435046/2023
Project Proponent - M/s. East India Greenwood Trading Agency.
Environmental Consultant - M/s. Ultra-Tech.

Activity:

- This is a proposal for Synthetic Resin production plant for production of 50 Ton/month PF Resin & 210 Ton/month MUF Resin at Village – Khalaigram; P.O – Tengramari, P.S – Dhupguri, Dist. - Jalpaiguri; PIN - 735210, West Bengal.

Salient Features of the project:

- Salient features of the project as uploaded in the PARIVESH portal may be summed up as below –

Brief description of the project	Synthetic Resin production plant for production of 50 Ton/month PF Resin & 210 Ton/month MUF Resin			
Project Location	Village – Khalaigram; P.O – Tengramari, P.S – Dhupguri, Dist. - Jalpaiguri; PIN - 735210, West Bengal.			
Latitude and Longitude	26°32'55.97"N, 89° 3'2.48"E			
Total Plant Area	0.11 Acre (462.695 Sq.m)			
Production Capacity	Sl. No.	Product	Production Capacity (MT/Month)	Production Capacity (MT/Annum)
	I.	Phenol Formaldehyde Resin	50	600
	II.	Melamine-Urea Formaldehyde Resin	210	2520
Raw Material Details	Sl. No.	Raw materials	Quantity (MT/Month)	
	1)	Formaldehyde	160.25	
	2)	Industrial Urea	14.58	
	3)	Phenol	22.63	
	4)	Melamine	23.33	
	5)	Caustic Soda	5.75	
	6)	Acetic Acid	1.17	

Plant & Machinery	Sl. No.	Machinery	Capacity	Quantity
	1)	Vertical Boiler	0.5 T	1
	2)	Resin Kettle	3 Ton	4
	3)	DG Set	125 KVA	1
Total Requirement	Water	4.75 kLD - Source : Ground Water		
Fresh Requirement	Water	3.05 kLD		
Total Generated	Wastewater	2.43 kLD		
Total Recycled	Wastewater	1.7 kLD		
Power requirement & Source		160 kVA, WBSEDCL		
Back up		DG Set (125 kVA)		
Man power requirement		6 persons		
Estimated project cost		Rs. 109.05 lakhs.		
Land use break up	Sl. No.	Description	Area (Sq.m.)	%
	1	Factory Shed & Office building	214.222	46.30
	2	Green Area	76.39	16.51
	3	Open Area (Including 2.5m wide Internal Pathway)	172.083	37.19
		Grand Total	462.695	100
The proposed site for compensatory plantation is located at Plot No. 1571, Khatian no. 1067, JL No. 85, Mouza - Khalaigram, Jalpaiguri, West Bengal and total area for plantation is 0.04 Acre (161 sq.m).				

Chronology of the event:

- The PP applied in prescribed format for Terms of Reference **under violation category** and uploaded the application in the PARIVESH portal on 05.07.2023.
- The PP was called for the ToR presentation in the 10th meeting of SEAC, WB (2023-2026) held on 26.07.2023 and the PP presented their proposal in the meeting.

SEAC observations and recommendations:

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, it is noted that the industry is operating without obtaining EC under Environment Protection Act, 1986 and Consent to Establish / Consent to Operate from WBPCB under the provisions of Air Act, 1981 and Water Act, 1974.
- Further, the SEAC made the following observations/ additional conditions:
 - Notary Affidavit as per the enclosed format given in **Annexure – 1**.
 - Damage Assessment Plan.
 - Remedial Plan.

- 4) Community Augmentation Plan.
- 5) Total cost of the project as well as turn over till the date of submission of EC application to be certified by Chartered Accountant.
- 6) Details of compensatory plantation programme along with the geo-coordinates of the location should be submitted. An undertaking should be submitted that the land for compensatory plantation shall not be used for any other purpose.
- 7) The lease document mentions that the tenure of lease is only for five years starting from 12.04.2023. The SEAC recommended that the lease period should be increased. Documents regarding the increase in lease period should be submitted.
- 8) An affidavit in the form of specific declaration to be submitted regarding identification as SMALL UNIT as stipulated in item no. 5(f) of EIA notification, 2006 and S.O. No. 1599(E) dated 25.06.2014.
- 9) Management plan for softener regeneration.
- 10) Emission control device for 0.5 ton boiler should be changed to bag filtration system.

The standard ToR of MoEF&CC – along with the ToR proposed by the proponent and the information / documents / clarifications / studies listed hereinabove, shall form the ToR for EIA study of the proposed project. While applying for environmental clearance, the proponent shall upload in the PARIVESH portal, the EIA/EMP report along with the documents/ clarifications sought above. All the documents shall be duly signed both by the project proponent and the environmental consultant.

- **Recommendations:** 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 under violation category. 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.
- Since the project is operating without obtaining EC, the SEAC recommended that WBPCB should take suitable regulatory action against the industry under the provisions of the Air Act, 1981 and Water Act, 1974 in terms of Order issued by MoEF&CC vide F No. IA3-22/19/2021-IA.III[E-164361] dated 20.09.2021.

III. Proposed Structural Re-Rolling Mill Steel Plant at R. S. & L. R. Plot No. - 2849, 2861, 2862/3380, Mouza - Mondalpur, J. L. No. - 37, Jamuria Industrial Estate, P. S. - Jamuria, P. O. - Mondalpur, District - Paschim Bardhaman, West Bengal.

Proposal No.	SIA/WB/IND1/437101/2023
Project Proponent -	M/s. Mechfast Engineering Private Limited.
Environmental Consultant -	Not engaged.

Activity:

- This is a proposal for 30000 MTPA of MS Angles, MS Channel, MS Joist, MS Bars & MS Strips at R.S. & L.R. Plot No. 2849, 2861, 2862/3380, Mouza-Mondalpur, J.L No.

37 at Jamuria Industrial State, Local P.S.- Jamuria, P.O.-Mondalpur, District- Paschim Bardhaman, West Bengal.

Salient Features of the project:

- Salient features of the project as uploaded in the PARIVESH portal may be summed up as below –

Project Name	Re-Rolling Mill Steel Plant of capacity 30000 MTPA.	
Project Location	R.S. & L.R. Plot No. 2849, 2861, 2862/3380, Mouza-Mondalpur, J.L No. 37 at Jamuria Industrial State, Local P.S.- Jamuria, P.O.-Mondalpur, District- Paschim Bardhaman, West Bengal.	
Latitude and Longitude	Latitude 23°41'4.44"N and Longitude 87° 5'36.00"E	
Total Plant Area	1.39 Acre	
Green belt development area	0.4587Acre	
Products and capacity	Products	Total Production Capacity (MT/Annum)
	MS Angles, MS Channel, MS Joist, MS Bars & MS Strips	30000/1 Shift of 8 Hour
Raw materials required	M.S. Billets - 30,900 MTPA	
Working Days	300 (1 Shift of 8 Hours)	
Water requirement & source	10.71 kLD From Bore well/ADDA	
Power requirement & source	3000 KVA (only for internal industrial use like office etc.) Source : Through three phase HT power line from India Power.	
Manpower	32 Nos.	
Total cost of the project	Rs. 690.47 Lakh	

Chronology of the Events:

- The PP had obtained Consent to Operate from WBPCB vide Memo no C0100389 vide Memo no 431-WPBA/Org(Bwn)/Cont(530)/18 dated 22.02.2018 which was valid upto 28.02.2023.
- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 20.07.2023.
- The PP was called for the ToR presentation in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023 and the PP presented their proposal in the meeting.

SEAC observations and recommendations:

- The PP along with their consultant appeared for the presentation through video conferencing. However, the SEAC observed that neither the PP nor their consultant could deliver a proper presentation of their proposal. The presentation submitted by the PP was incomplete and inadequate in all respects. Therefore, the SEAC decided that

the PP should be called for a fresh presentation of the proposal covering the detailed and entire aspects of the project (including drone photography of the site). Accordingly, the PP shall intimate through "PARIVESH" portal for a fresh presentation.

- IV. Proposed existing Hot Rolling Mill Plant for manufacturing of Angle (production capacity 90000 MTA) at Plot No. - 87, 88, 89, 77/633, J.L. No. - 15, Mouza - Kasyabpur, NH-6, Vill - Madhabpur, P. O. - Mehishrekha, P. S. - Uluberia, Dist. - Howrah, West Bengal.**

Proposal No. SIA/WB/IND1/437534/2023
Project Proponent - M/s. Skipper Limited.
Environmental Consultant - M/s. RSP Green Development & Laboratories Pvt. Ltd.

Activity:

- This is a proposal for existing Hot Rolling Mill Plant for manufacturing of Angle (production capacity 90000 MTA) at Plot No. - 87, 88, 89, 77/633, J.L. No. - 15, Mouza - Kasyabpur, NH-6, Vill - Madhabpur, P. O. - Mehishrekha, P. S. - Uluberia, Dist. - Howrah, West Bengal.

Salient Features of the project:

- Salient features of the project as uploaded in the PARIVESH portal may be summed up as below –

Brief description of the project	Existing Hot Rolling Mill Plant for manufacturing of Angle (production capacity 90000 MTA)
Project Location	Plot No. - 87, 88, 89, 77/633, J.L. No. - 15, Mouza - Kasyabpur, NH-6, Vill - Madhabpur, P. O. - Mehishrekha, P. S. - Uluberia, Dist. - Howrah, West Bengal.
Latitude and Longitude	Latitude 22°28'24.99" N and Longitude 88°1'14.29" E
Total Plant Area	1.347 Ha. (145000 sq. ft)
Green belt development area	0.452 acres
Raw materials	Pulverized Coal - 3600 TPA Billets & Blooms - 96000 TPA
Water requirement & source	For industrial - 7 KLD For existing project - Domestic - 3 KLD Greenbelt - 8 KLD From Ground water
Power requirement & source	5500 kVA Source : West Bengal State Electricity Board
DG sets	500 kVA

Chronology of the Events:

- The PP had obtained Consent to Operate from WBPCB vide Memo no C0186543 vide Memo No. 117-PCB/How/80-2010, dated 09.11.2017 which is valid upto 30.06.2018.

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 20.07.2023.
- The PP was called for the ToR presentation in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023 and the PP presented their proposal in the meeting.

SEAC observations and recommendations:

- It was observed that M/s. Skipper Steels Limited had obtained Environmental Clearance vide letter no. EN/733/T-II-1/086/2008 dated 13.03.2009 for a proposed mini steel plant at Vill - Madhabpur, Mouza - Madhabpur and Kasabpur, NH-6, P. O. - Mehishrekha, P. S. - Uluberia, Dist. - Howrah, West Bengal. Presently, M/s. Skipper Limited has applied for regularization of their existing Hot Rolling Mill Plant for manufacturing of Angle (production capacity 90000 MTA) in the same location. It is noted that the name of the project proponent is different in the two cases.
- Considering the above, the SEAC recommends that the PP should submit a fresh proposal for ToR, as an expansion of the above EC, **considering the entire plant as a whole.**

1.2) For Environmental Clearance

1.2.1) Construction Sector

- I. Proposed Residential Complex by Central Government Employees Welfare Housing Organisation (CGEWHO) at D. H. Road, Mouza - Sarmestarchak, J.L. No.: - 17, R.S. Dag No. - 115, 116 & 117, corresponding to L.R. Dag No. - 114, 115 & 116, Mouza - Daulatpur J.L. No. - 79, R.S./ L.R. Dag No. - 23, 27, 28, 29, 30, 31, 32 & 49, P.O. - Pailan Hat, P.S.: - Bishnupur, Within Kulerdari Gram Panchayat, District – South 24 Parganas.**

Proposal No.:	SIA/WB/INFRA2/436164/2023
Project Proponent:	M/s. Central Government Employees Welfare Housing Organisation.
Environmental Consultant:	M/s. Ultra-Tech.

Activity:

- This is a proposal for Residential Complex comprising of Block 1 : G + 12 Storied, Block 2 : G + 1 Storied and Block 3 : G + 12 storied. Total built up area of the project is 31590.05 sq. m. Total land area is 9676.45 sqm. and total no. of flats are 236 nos. (3 BHK – 236).

Salient Features of the Project

- Salient features of the proposed project as uploaded in the PARIVESH portal by the PP is given below.

Total Land Area	9676.45 sqm. (100 %)
Ground Coverage Area	4552.77 sqm. (47.05% of Total land area)
Services Area	101.00 sqm (1.04% of Total land area)
Paved Area	3085.90 sqm. (31.89 % of Total land area)
Exclusive Tree Plantation Area	1936.78 sqm. (20.02 % of Total land area)

Total Built-Up Area	31,590.05 sqm.
No. of Block & Story	Block 1 : G + 12 Storied Block 2 : G + 1 Storied Block 3 : G + 12 Storied
No. of Dwelling units	236 nos. (3 BHK – 236)
Source of Water	Ground water
Total Quantum of Water required	200 kLD
Quantity of Wastewater Generation	144 kLD
Quantity of treated wastewater recycled	56 kLD
Quantity of treated wastewater Discharge	88 kLD
Quantum of Fresh Water required	144 kLD
Quantity of Solid Waste Generation	700 kg/day
Constructional Phase Water Demand	21 kLD (Construction work – 3 kLD, Workers –18 kLD)
Total Population During Construction	255 persons
Total Population During Operation	1572 persons (fixed: 1416, floating: 142, service: 14)
Electricity Load	1171 kW or 1378 kVA by WBSEDCL
Backup Power	1 no. 600 kVA
Plantation Proposed	160 nos.
No of Parking Spaces Proposed	Required : 190 nos. Provided: 236 nos.
Latitude & Longitude of site	22°26'21.33" N & 88°17'50.99" E
Project Cost (Rs.)	Rs. 13520.448 lakhs

Chronology of Events

- The PP applied for EC in prescribed format in the PARIVESH portal on 14.07.2023.
- The PP was called for the EC presentation in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC made the following observations based on the presentation of the PP:

Mandatory documents:

- 1) Permission from Airport Authority of India and fire safety recommendation from WBF&ES are in the name of EESHVI Tower LLP & Others and EESHVI Real Estate LLP and Others respectively, whereas the project proponent is Central Government Employees Welfare Housing Organization (CGEWHO).
- 2) Mouza – Sarmestarchak, JL No. 17, RS Dag no. 116 corresponding to LR Dag no. 115 is not mentioned in the permission from Airport Authority of India. In Mouza –

Daulatpur, JL No. 79, the following RS/LR Dag Nos. are mentioned - 28, 29, 30, 31, 32, 33, 34, 47, 48 & 49, whereas in the application the Dag No. are 23, 27, 28, 29, 30, 31, 32 & 49.

Solid Waste Management:

- 3) The letter regarding solid waste management from Kulerdari Gram Panchayat mentions that the panchayat is in the process of procuring land for solid waste management including secured landfill facility. Hence, the concurrence of local gram panchayat for accepting the inorganic portion of the waste should be provided.

Land and land use:

- 4) Complete land documents and conversion in the name of the PP.

Water and wastewater:

- 5) Car washing proposal to be included in water balance diagram. Collection and conveyance of carwash wastewater to be indicated.

Need based activity/social part of EMP:

- 6) Consents from the beneficiaries are needed.

Rainwater harvesting and recharge:

- 7) Details of filter used for rainwater recharge and first-flush arrangement should be submitted. The recharge wells should be installed at staggered depths in medium to coarse sand layers. The construction of the recharge wells must ensure entry of and recharge with only rooftop rainwater. The subsurface lithology and design of each well should be submitted. Regular monitoring and reporting (with periodical compliance reports) of the groundwater level and quality by constructing a piezometer is necessary. The lithology and design of the piezometer should also be submitted. Recharging at the same depth as the borewells within the premises may better be avoided.

Recommendation: Therefore, the SEAC recommended that the above documents should 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.

1.3) For Terms of Reference

1.3.1) Mining of Minerals:

- I. **Proposed Beliaberah Sand Mine (MIN_JH_11) over an area of 18.82 ha (46.51 Acres) on the Subarnarekha River at J. L. No. – 75 & 76, Plot No. - 7865(p), 321(p) and 322(p), Mouza – Chorchita & Bansjora, Village – Chorchita & Bansjora, PS – Beliaberah, District – Jhargram, West Bengal.**

Proposal No.

SIA/WB/MIN/435754/2023

Project Proponent -

M/s. West Bengal Mineral Development & Trading Corporation Limited.

Environmental Consultant -

M/s. Crystal Consultants

Activity:

- This is a proposal for Beliaberah Sand Mine (MIN_JH_11) over an area of 18.82 ha (46.51 Acres) on the Subarnarekha River at J. L. No. – 75 & 76, Plot No. - 7865(p), 321(p) and 322(p), Mouza – Chorchita & Bansjora, Village – Chorchita & Bansjora, PS – Beliaberah, District – Jhargram, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20/04/2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 15.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total volume of the area (cu.m)	Replenishment rate (%)	Geological resource (cu.m)
1	357580	100	357580
2	357580	73.67	263429.186
3	357580	73.67	263429.186
4	357580	73.67	263429.186
5	357580	73.67	263429.186
Total geological resource (cu.m)			1411296.744

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total volume inside 7.5m berm after maintaining 45°	Replenishment rate %	Mineable reserve (cu.m)	Annual production (cu.m)
1	321945	100	321945	321945
2	321945	73.67	237176.8815	237176.8815
3	321945	73.67	237176.8815	237176.8815
4	321945	73.67	237176.8815	237176.8815
5	321945	73.67	237176.8815	237176.8815
Total mineable reserve(cu.m)			1270652.526	1270652.526

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 05.07.2023.
- The PP was called for the ToR presentation in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Jhargram district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. 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.
 2. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
 3. 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.
 4. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
 5. 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.
 6. 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.
 7. Management plan of haul road to the public road.
 8. Sieve analysis report for grain size distribution 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 environmental the consultant.

II. Proposed Hijalbani Sand Mine (MIN_JH_13) over an area of 38.26 ha (94.54 Acres) on the Subarnarekha River at J. L. No. – 214, Plot No. - 54, Mouza – Hijalbani, Village – Hijalbani, Police Station – Nayagram, District – Jhargram, West Bengal.

Proposal No. SIA/WB/MIN/435762/2023
Project Proponent - M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant - M/s. Crystal Consultants

Activity:

- This is a proposal for Hijalbani Sand Mine (MIN_JH_13) over an area of 38.26 ha (94.54 Acres) on the Subarnarekha River at J. L. No. – 214, Plot No. - 54, Mouza – Hijalbani, Village – Hijalbani, Police Station – Nayagram, District – Jhargram, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20/04/2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 09.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Volume of Area (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	535640	100	535640
2	535640	73.67	394605.988
3	535640	73.67	394605.988
4	535640	73.67	394605.988
5	535640	73.67	394605.988
Total Geological Resource			2114063.952

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below

Year	Total Volume Inside 7.5m Berm After Maintaining 45° Slope (cu.m)	Replenishment Rate (%)	Minable Reserve (cu.m)	Annual Production (cu.m)
1	506425	100	506425	506425
2	506425	73.67	373083.2975	373083.2975
3	506425	73.67	373083.2975	373083.2975
4	506425	73.67	373083.2975	373083.2975
5	506425	73.67	373083.2975	373083.2975

Total Mineable Reserve (cu.m)	1998758.19	1998758.19
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- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 05.07.2023.
- The PP was called for the ToR presentation in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Jhargram district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. 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.
 2. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
 3. 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.
 4. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
 5. 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.
 6. 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.

7. Management plan of haul road to the public road.
8. Sieve analysis report for grain size distribution 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 environmental the consultant.

III. Proposed Matigara Sand Mine (MIN_DJ_03) over an area of 28.25 ha (69.81 Acres) on the Balason River at Mouza: - Gouri & Dumriguri Chhat, Plot No. - 54, 55, 56, 57, 65, J.L. No. - 60 & 63, P. S. - Matigara, District: - Darjeeling, West Bengal.

Proposal No. SIA/WB/MIN/436449/2023
Project Proponent - M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant - M/s. Indian Mine Planners and Consultants

Activity:

- This is a proposal for Matigara Sand Mine (MIN_DJ_03) over an area of 28.25 ha (69.81 Acres) on the Balason River at Mouza: - Gouri & Dumriguri Chhat, Plot No. - 54, 55, 56, 57, 65, J.L. No. - 60 & 63, P. S. - Matigara, District: - Darjeeling, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20/04/2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 27.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total area(ha)	Total area(m2)	Thickness (m)	Replenishment rate %	Geological resource (m3)
1	28.25	282500	3.0000	100	847500.00
2	28.25	282500	2.3001	76.67	649778.25
3	28.25	282500	2.3001	76.67	649778.25
4	28.25	282500	2.3001	76.67	649778.25
5	28.25	282500	2.3001	76.67	649778.25
TOTAL GEOLOGICAL RESOUCE (cu.m)					3446613.00

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total area (ha)	Total area (m2)	Thickness (m)	Replenishment rate %	Mineable reserve (m3)
1	26.37	263700	3.0000	100	791100.00
2	26.37	263700	2.3001	76.67	606536.37

3	26.37	263700	2.3001	76.67	606536.37
4	26.37	263700	2.3001	76.67	606536.37
5	26.37	263700	2.3001	76.67	606536.37
TOTAL MINEABLE RESERVE (cu.m)					3217245.48

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 15.07.2023.
- The PP was called for the ToR presentation in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling district. However, it is observed that the plot is in cluster with adjacent plots of **Patanerchhat Riverbed Sand Mine** by M/s. Shivalaya Enterprises (Proposal No. **SIA/WB/MIN/426791/2023**) and **Bataliguri Riverbed Sand Mine** by Smt. Rina Dutta (Proposal No. **SIA/WB/MIN/424820/2023**) which have been taken up in the 2nd SEAC meeting held on 07.06.2023 meeting. But the PP has uploaded non-cluster certificate for the project from the competent authority.
- Considering the above, the SEAC recommends that the PP should submit revised cluster certificate for the project from the competent authority.

The above document should 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.

- IV. **Proposed Matigara Riverbed Sand Mine (MIN_DJ_05) over an area of 7.53 ha (18.61 Acres) on the Balason River at Mouza: - Jitu, Kalam & Mathapari, Plot No. - 410, 436, 437, J.L. No. - 69, 76, 79, P.S. - Matigara, District: - Darjeeling, West Bengal.**

Proposal No.

SIA/WB/MIN/436818/2023

Project Proponent -

M/s. West Bengal Mineral Development &

Trading Corporation Limited.
M/s. Indian Mine Planners and Consultants
Environmental Consultant -
Activity:

- This is a proposal for Matigara Riverbed Sand Mine (MIN_DJ_05) over an area of 7.53 ha (18.61 Acres) on the Balason River at Mouza: - Jitu, Kalam & Mathapari, Plot No. - 410, 436, 437, J.L. No. - 69, 76, 79, P.S. - Matigara, District: - Darjeeling, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20/04/2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 27.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. **But the PP has not uploaded the complete 'Mining Plan with Progressive Mine Closure Plan' at the PARIVESH portal.**
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 15.07.2023.
- The PP was called for the ToR presentation in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling district. However, since the approved Mining Plan with Progressive Mine Closure Plan has not been completely uploaded, the SEAC recommends that the approved Mining Plan with Progressive Mine Closure Plan should be uploaded by the PP.

The above document should 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.

V. Proposed Naxalbari Riverbed Sand Mine (MIN_DJ_16) over an area of 10.38 ha (25.65 Acres) on the Mechi River at Mouza - Surajbar & Bara Maniram, Plot No. -

104, 405, 3, 4 & ORS, J.L. No. - 18 & 20, P.S. - Naxalbari, District: - Darjeeling, West Bengal.

Proposal No.

SIA/WB/MIN/436856/2023

Project Proponent -

M/s. West Bengal Mineral Development & Trading Corporation Limited.

Environmental Consultant -

M/s. Indian Mine Planners and Consultants

Activity:

- This is a proposal for Naxalbari Riverbed Sand Mine (MIN_DJ_16) over an area of 10.38 ha (25.65 Acres) on the Mechi River at Mouza - Surajbar & Bara Maniram, Plot No. - 104, 405, 3, 4 & ORS, J.L. No. - 18 & 20, P.S. - Naxalbari, District: - Darjeeling, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20/04/2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 27.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Total Area (m2)	Thickness (m)	Replenishment Rate %	Geological Resource (m3)
1	10.38	103800	2.0	100	207600.00
2	10.38	103800	1.56	78.0	161928.00
3	10.38	103800	1.56	78.0	161928.00
4	10.38	103800	1.56	78.0	161928.00
5	10.38	103800	1.56	78.0	161928.00
TOTAL GEOLOGICAL RESOUC (cu.m)					855312.00

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total Area (ha)	Total Area (m2)	Thickness (m)	Replenishment Rate %	Mineable Reserve (m3)
1	9.26	92600	2.0	100	185200.00
2	9.26	92600	1.56	78.0	144456.00
3	9.26	92600	1.56	78.0	144456.00
4	9.26	92600	1.56	78.0	144456.00
5	9.26	92600	1.56	78.0	144456.00
TOTAL MINEABLE RESERVE (cu.m)					763024.00

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**

- The PP has informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 21.07.2023.
- The PP was called for the ToR presentation in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. 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.
 2. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
 3. 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.
 4. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
 5. 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.
 6. 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.
 7. Management plan of haul road to the public road.
 8. Sieve analysis report for grain size distribution 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 environmental the consultant.

VI. Proposed Ketuyabera Riverbed Sand Mine (MIN_PUR_13) over an area of 10.83 ha (26.75 Acres) on the Kangsabati River at Mouza: - Ketuyabera, Plot No. - 1824(P), J.L. No. - 9, Block - Purulia-I, District: - Purulia, West Bengal.

Proposal No. SIA/WB/MIN/437748/2023
Project Proponent - M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant - M/s. Indian Mine Planners and Consultants

Activity:

- This is a proposal for Ketuyabera Riverbed Sand Mine (MIN_PUR_13) over an area of 10.83 ha (26.75 Acres) on the Kangsabati River at Mouza: - Ketuyabera, Plot No. - 1824(P), J.L. No. - 9, Block - Purulia-I, District: - Purulia, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 187-ICE-12011(99)/27/2022-MINES SEC-Dept. of ICE Dated 17/03/2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 10.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Thickness (m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	10.83	2.0	100	216600
2	10.83	1.4854	74.27	160868.82
3	10.83	1.4854	74.27	160868.82
4	10.83	1.4854	74.27	160868.82
5	10.83	1.4854	74.27	160868.82
TOTAL GEOLOGICAL RESOUCE (cu.m)				860075.28

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total Area (ha)	Thickness (m)	Replenishment Rate (%)	Mineable Reserve 9cu.m)
1	8.9424	2.0	100	178848
2	8.9424	1.4854	74.27	132830.4096
3	8.9424	1.4854	74.27	132830.4096
4	8.9424	1.4854	74.27	132830.4096
5	8.9424	1.4854	74.27	132830.4096
TOTAL MINEABLE RESERVE (cu.m)				710169.6384

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 24.07.2023.
- The PP was called for the ToR presentation in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purulia district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. 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.
 2. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
 3. 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.
 4. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
 5. 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.
 6. 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.
 7. Management plan of haul road to the public road.
 8. Sieve analysis report for grain size distribution 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 environmental the consultant.

1.4) For Environmental Clearance

1.4.1 Mining of Minerals:

- I. Proposed Khoyrasole Riverbed Sand Mine (MIN_BIR_22) over an area of 2.21 ha (5.46 Acres) on the Ajay River at J. L. No.- 168, Plot No. – 350(P), 387(P), Mouza – Chapla, P.S. - Khayrasole, District - Birbhum, West Bengal.

Proposal No.	SIA/WB/MIN/437366/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. Indian Mine Planners and Consultants.

Activities:

- This is a proposal for Khoyrasole Riverbed Sand Mine (MIN_BIR_22) over an area of 2.21 ha (5.46 Acres) on the Ajay River at J. L. No.- 168, Plot No. – 350(P), 387(P), Mouza – Chapla, P.S. - Khayrasole, District - Birbhum, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 187-ICE-12011(99)/27/2022-MINES SEC-Dept of ICE Dated 17.03.2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 10.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Total Area (m2)	Thickness (m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	2.21	22100	2.50000	100	55250.000
2	2.21	22100	1.92925	77.17	42636.425
3	2.21	22100	1.92925	77.17	42636.425
4	2.21	22100	1.92925	77.17	42636.425
5	2.21	22100	1.92925	77.17	42636.425
Total Geological Resource					225795.7

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total Area (ha)	Total Area (m2)	Thickness (m)	Replenishment Rate (%)	Mineable Reserve (cu.m)
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1	1.27	12700	2.50000	100	31750.000
2	1.27	12700	1.92925	77.17	24501.475
3	1.27	12700	1.92925	77.17	24501.475
4	1.27	12700	1.92925	77.17	24501.475
5	1.27	12700	1.92925	77.17	24501.475
Total Mineable Reserve					129755.9

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.
- The PP has informed that there is no court case pending against the project.
- The PP has submitted the 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.

Chronology of Events

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 20.07.2023.
- The PP was called for the EC presentation in the 10th meeting SEAC, WB held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Birbhum district.
- The committee (SEAC), therefore, **recommended that Environmental Clearance be granted** for the proposed project. Standard EC conditions for the sand mines should be referred to. Following additional conditions may be imposed:
 - a) Actual depth of baseflow below riverbed level at four points should be submitted during submission of six monthly compliance reports.
 - b) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - c) Status of the need-based activities to be reported during six monthly progress report.
 - d) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - e) 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.

- II. Proposed Baghmundi Riverbed Sand Mine (MIN_PUR_6) over an area of 2.88 ha (7.116 Acres) on the Subarnarekha River at Mouza - Marcha, Plot No. - 805 & 922, J. L. No. - 15, P.S. - Baghmundi, District - Purulia, West Bengal.

Proposal No.: SIA/WB/MIN/437063/2023
 Project Proponent: M/s. West Bengal Mineral Development and Trading Corporation Limited.
 Environmental Consultant: M/s. Indian Mine Planners and Consultants.

Activities:

- This is a proposal for Baghmundi Riverbed Sand Mine (MIN_PUR_6) over an area of 2.88 ha (7.116 Acres) on the Subarnarekha River at Mouza - Marcha, Plot No. - 805 & 922, J. L. No. - 15, P.S. - Baghmundi, District - Purulia, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 187-ICE-12011(99)/27/2022-MINES-SEC-Dept. of ICE Dated 17.03.2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 10.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Thickness (m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	2.88	1.5	100	43200
2	2.88	1.125	75	32400
3	2.88	1.125	75	32400
4	2.88	1.125	75	32400
5	2.88	1.125	75	32400
TOTAL GEOLOGICAL RESOUCE (cu.m)				172800

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below

Year	Total Area (ha)	Thickness (m)	Replenishment Rate (%)	Mineable Resource (cu.m)
1	1.7845	1.5	100	26767.5
2	1.7845	1.125	75	20075.625
3	1.7845	1.125	75	20075.625
4	1.7845	1.125	75	20075.625
5	1.7845	1.125	75	20075.625
TOTAL MINEABLE RESERVE (cu.m)				107070

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**

- The PP has submitted an undertaking regarding need-based EMP.
- The PP has informed that there is no court case pending against the project.
- The PP has submitted the 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.

Chronology of Events

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 19.07.2023.
- The PP was called for the EC presentation in the 10th meeting SEAC, WB held on 02.08.2023.

SEAC Observations and Recommendations:

- During presentation, the PP requested for voluntary withdrawal of the present proposal. Considering the request of the PP, the SEAC recommends that the PP should submit their withdrawal proposal in the portal. Accordingly, the PP shall intimate through “PARIVESH” portal.

III. Proposed Gopinathpur Sand Mine (MIN_WMED_14) over an area of 3.37 ha (8.33 Acres) on the Kangsabati River at J. L. No. – 632, Plot No. 149(p) & 150(p), Mouza – Gopinathpur, Village – Gopinathpur, PS – Keshpur, District – Paschim Medinipur, West Bengal.

Proposal No.: SIA/WB/MIN/436782/2023
Project Proponent: M/s. West Bengal Mineral Development and Trading Corporation Limited.
Environmental Consultant: M/s. Crystal Consultants.

Activities:

- This is a proposal for Gopinathpur Sand Mine (MIN_WMED_14) over an area of 3.37 ha (8.33 Acres) on the Kangsabati River at J. L. No. – 632, Plot No. 149(p) & 150(p), Mouza – Gopinathpur, Village – Gopinathpur, PS – Keshpur, District – Paschim Medinipur, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20/04/2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite ‘Mining Plan with Progressive Mine Closure Plan’ prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 10.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Volume of Reserve (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	53920	100	53920
2	53920	75.33	40617.936

3	53920	75.33	40617.936
4	53920	75.33	40617.936
5	53920	75.33	40617.936
Total Geological Resource (cu.m)			216391.744

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below

Year	Total Volume Inside 7.5m Berm After Maintaining 45° Slope (cu.m)	Replenishment Rate (%)	Minable Reserve (cu.m)	Annual Production (cu.m)
1	41786	100	41786	41786
2	41786	75.33	31477.3938	31477.3938
3	41786	75.33	31477.3938	31477.3938
4	41786	75.33	31477.3938	31477.3938
5	41786	75.33	31477.3938	31477.3938
Total Mineable Reserve (cu.m)			167695.5752	167695.5752

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.
- The PP has informed that there is no court case pending against the project.
- The PP has submitted the 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.

Chronology of Events

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 15.07.2023.
- The PP was called for the EC presentation in the 10th meeting SEAC, WB held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Medinipur district.
- The committee (SEAC), therefore, **recommended that Environmental Clearance be granted** for the proposed project. Standard EC conditions for the sand mines should be referred to. Following additional conditions may be imposed:
 - a) Actual depth of baseflow below riverbed level at four points should be submitted during submission of six-monthly compliance reports.

- b) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
- c) Status of the need-based activities to be reported during six monthly progress report.
- d) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
- e) 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.

IV. Proposed Jaypur Sand Mine (MIN_WMED_10) over an area of 3.11 ha (7.68 Acres) on the Shilabati River at J. L. No. – 203, Plot No. 1(p) & 146(p), Mouza – Jaypur, Village – Jaypur, PS – Garbeta, District – Paschim Medinipur, West Bengal.

Proposal No.: SIA/WB/MIN/437414/2023
Project Proponent: M/s. West Bengal Mineral Development and Trading Corporation Limited.
Environmental Consultant: M/s. Crystal Consultants.

Activities:

- This is a proposal for Jaypur Sand Mine (MIN_WMED_10) over an area of 3.11 ha (7.68 Acres) on the Shilabati River at J. L. No. – 203, Plot No. 1(p) & 146(p), Mouza – Jaypur, Village – Jaypur, PS – Garbeta, District – Paschim Medinipur, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20/04/2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 10.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Volume of Reserve (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	52870	100	52870
2	52870	71.83	37976.521
3	52870	71.83	37976.521
4	52870	71.83	37976.521
5	52870	71.83	37976.521
Total Geological Resource			204776.084

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below

Year	Total Volume	Replenishment	Minable	Annual
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	Inside 7.5m Berm After Maintaining 45° Slope (cu.m)	Rate (%)	Reserve (cu.m)	Production (cu.m)
1	41720	100	41720	41720
2	41720	71.83	29967.476	29967.476
3	41720	71.83	29967.476	29967.476
4	41720	71.83	29967.476	29967.476
5	41720	71.83	29967.476	29967.476
Total Mineable Reserve (cu.m)			161589.904	161589.904

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.
- The PP has informed that there is no court case pending against the project.
- The PP has submitted the 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.

Chronology of Events

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 20.07.2023.
- The PP was called for the EC presentation in the 10th meeting SEAC, WB held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Medinipur district.
- The committee (SEAC), therefore, **recommended that Environmental Clearance be granted** for the proposed project. Standard EC conditions for the sand mines should be referred to. Following additional conditions may be imposed:
 - a) Actual depth of baseflow below riverbed level at four points should be submitted during submission of six-monthly compliance reports.
 - b) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - c) Status of the need-based activities to be reported during six monthly progress report.
 - d) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - e) 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.

V. Proposed Jagadishpur Sand Mine (MIN_UD_6) over an area of 0.76 ha (1.88 Acres) on the Mahananda River at J. L. No. – 20, Plot No. - 1, Mouza – Jagadishpur, Village – Jagadishpur, PS – Raiganj, District – Uttar Dinajpur, West Bengal.

Proposal No.: SIA/WB/MIN/437954/2023
Project Proponent: M/s. West Bengal Mineral Development and Trading Corporation Limited.
Environmental Consultant: M/s. Crystal Consultants.

Activities:

- This is a proposal for Jagadishpur Sand Mine (MIN_UD_6) over an area of 0.76 ha (1.88 Acres) on the Mahananda River at J. L. No. – 20, Plot No. - 1, Mouza – Jagadishpur, Village – Jagadishpur, PS – Raiganj, District – Uttar Dinajpur, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 187-ICE-12011(99)/27/2022-MINES SEC-Dept. of ICE Dated 17/03/2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 28.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Volume of Reserve (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	11400	100	11400
2	11400	74.67	8512.38
3	11400	74.67	8512.38
4	11400	74.67	8512.38
5	11400	74.67	8512.38
Total Geological Resource (cu.m)			45449.52

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below

Year	Total Volume Inside 7.5m Berm After Maintaining 45° Slope (cu.m)	Replenishment Rate (%)	Minable Reserve (cu.m)	Annual Production (cu.m)
1	6807	100	6807	6807
2	6807	74.67	5082.7869	5082.7869
3	6807	74.67	5082.7869	5082.7869

4	6807	74.67	5082.7869	5082.7869
5	6807	74.67	5082.7869	5082.7869
Total Mineable Reserve (cu.m)			27138.1476	27138.1476

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.
- The PP has informed that there is no court case pending against the project.
- The PP has submitted the 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.

Chronology of Events

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 25.07.2023.
- The PP was called for the EC presentation in the 10th meeting SEAC, WB held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Uttar Dinajpur district.
- The committee (SEAC), therefore, **recommended that Environmental Clearance be granted** for the proposed project. Standard EC conditions for the sand mines should be referred to. Following additional conditions may be imposed:
 - a) Actual depth of baseflow below riverbed level at four points should be submitted during submission of six-monthly compliance reports.
 - b) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - c) Status of the need-based activities to be reported during six monthly progress report.
 - d) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - e) 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.

VI. Proposed Gopalpur Sand Mine (MIN_UD_5) over an area of 1.19 ha (2.94 Acres) on the Mahananda River at J. L. No. – 02, Plot No. - 1425, Mouza – Gopalpur, Village – Gopalpur, PS – Raiganj, District – Uttar Dinajpur, West Bengal.

Proposal No.: SIA/WB/MIN/437788/2023
Project Proponent: M/s. West Bengal Mineral Development and Trading Corporation Limited.
Environmental Consultant: M/s. Crystal Consultants.

Activities:

- This is a proposal for Gopalpur Sand Mine (MIN_UD_5) over an area of 1.19 ha (2.94 Acres) on the Mahananda River at J. L. No. – 02, Plot No. - 1425, Mouza – Gopalpur, Village – Gopalpur, PS – Raiganj, District – Uttar Dinajpur, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 187-ICE-12011(99)/27/2022-MINES SEC-Dept. of ICE Dated 17/03/2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 23.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Volume of Reserve (cu.m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	17850	100	17850
2	17850	74.67	13328.595
3	17850	74.67	13328.595
4	17850	74.67	13328.595
5	17850	74.67	13328.595
Total Geological Resource			71164.38

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below

Year	Total Volume Inside 7.5m Berm After Maintaining 45° Slope (cu.m)	Replenishment Rate (%)	Minable Reserve (cu.m)	Annual Production (cu.m)
1	12839	100	12839	12839
2	12839	74.67	9586.8813	9586.8813
3	12839	74.67	9586.8813	9586.8813
4	12839	74.67	9586.8813	9586.8813
5	12839	74.67	9586.8813	9586.8813
Total Mineable Reserve (cu.m)			51186.5252	51186.5252

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.

- The PP has informed that there is no court case pending against the project.
- The PP has submitted the 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.

Chronology of Events

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 25.07.2023.
- The PP was called for the EC presentation in the 10th meeting SEAC, WB held on 02.08.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Uttar Dinajpur district.
- The committee (SEAC), therefore, **recommended that Environmental Clearance be granted** for the proposed project. Standard EC conditions for the sand mines should be referred to. Following additional conditions may be imposed:
 - a) Actual depth of baseflow below riverbed level at four points should be submitted during submission of six-monthly compliance reports.
 - b) Sieve analysis report for grain size distribution should be provided along with six monthly compliance report.
 - c) Status of the need-based activities to be reported during six monthly progress report.
 - d) Basic amenities, safety and occupational health examinations for labourers to be provided along with six monthly compliance reports.
 - e) 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.

2) Reconsideration Proposals :-

2.1) Terms of Reference :

2.1.1) Mining of Minerals :

- I. **Proposed WB_BIR_AJ_A1_B Sand Mine over an area of 26.60 ha on the Ajay River at Plot No: 1629/1638, 1049/1634, J.L. No.-87, Mouza: Tamra, P.S.: Khairasole, District: Birbhum, West Bengal.**

Proposal No.

Project Proponent -

SIA/WB/MIN/418899/2023

M/s. West Bengal Mineral Development and Trading Corporation Limited.

Environmental Consultant -

M/s. Centre for Envotech and Management
Consultancy Pvt. Ltd.**Activities:**

- This is a proposal for riverbed sand mining of WB_BIR_AJ_A1_B Sand Block over an area of 26.60 ha on the Ajay River at Plot No: 1629/1638, 1049/1634, J.L. No.-87, Mouza: Tamra, P.S.: Khairasole, District: Birbhum, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689/ICE-12011(99)/68/2022-MINES Dated 30/11/2022.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 03.02.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total area (ha)	Thickness(m)	Replenishment Rate %	Geological Resource (cum)
1	26.60	2.5	100	665000
2	26.60	2.5	77.17	513180.50
3	26.60	2.5	77.17	513180.50
4	26.60	2.5	77.17	513180.50
5	26.60	2.5	77.17	513180.50
Total Geological Resource				2717722

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Avg Minalable area (ha)	Thickness(m)	Replenishment Rate %	MR (Cum)	Annual production (Cum)
1	24.24	2.5	100	606000.00	606000.00
2	24.24	1.93	77.17	467650.20	467650.20
3	24.24	1.93	77.17	467650.20	467650.20
4	24.24	1.93	77.17	467650.20	467650.20
5	24.24	1.93	77.17	467650.20	467650.20
The Mineable Reserve				2476600.80	2476600.80

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded cluster certificate from the competent authority. **The allocated sand block forms a cluster with an adjacent block.**
- The PP has informed that there is no court case pending against the project.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 18.03.2023.

- The PP was called for the ToR presentation in the 73rd SEAC meeting held on 29.03.2023.
- Based on the submission and presentation made by the PP, the SEAC observed that the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan did not represent the plot area properly. Therefore, the SEAC recommended that the project proponent should submit the Mining Plan with Progressive Mine Closure Plan with corrected geo-coordinates.
- The project proponent uploaded their reply in PARIVESH Portal on 29.05.2023, which was considered in the 2nd meeting SEAC, WB held on 07.06.2023.
- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the geo-coordinates mentioned in the approved Mine Plan do not match with the Cluster Certificate. Hence, the PP should submit revised Cluster Certificate with corrected geo-coordinates.
- The project proponent uploaded their reply in PARIVESH Portal on 27.06.2023, which was considered in the 6th meeting SEAC, WB (2023-2026) held on 05.07.2023.
- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan has been manually erased and corrected without authentication. Therefore, the PP may be requested to submit proper authenticated correction of the geocoordinates in the approved Mine Plan.
- The PP should submit necessary documents/ clarifications sought above to enable the SEAC to consider the project for issuance of ToR.
- The project proponent uploaded their reply in PARIVESH Portal on 26.07.2023, which was considered in the 10th meeting SEAC, WB (2023-2026) held on 02.08.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the SEAC **recommended** that the corrections made in the approved Mine plan should be endorsed with full signature of the issuing authority along with designation and stamp.

2.2) Environmental Clearance :

2.2.1) Construction Sector :

- Proposed expansion of Residential Complex “Mani Casa-2” at Mouza - Chakpachuria, J.L. No. - 33, Under Patharghata Gram Panchayat, P.S. - New Town, Dist. - 24 Parganas (N), West Bengal.**

Proposal No.:

SIA/WB/INFRA2/430945/2023

Project Proponent:

M/s. Siom Realty Private Limited.

Environmental Consultant:

M/s. Ultra-Tech.

Activity:

- This is a proposal for vertical expansion by addition of 19 floors and 2 floors to the existing Block-B having configuration B+G+1 & Block-C having configuration B+G+16 respectively. Existing BUA being less than 20,000 sqm it did not attract the provisions of EIA Notification, 2006. After the proposed expansion, Block B will be of B+G+20 configuration, while the configurations of Block C will be B+G+18. The built-up area of the entire project after expansion will be 30,207.02 sqm. The total plot area as per the land deed is 0.799178 ha (7991.78 sqm) but the net Plot Area as per Physical Measurement has been found to be 0.7947.57 ha (7947.57 sqm)., The project after completion will consist of total 224 nos. of apartments.

As per Previous Sanction (Out of the Purview of EC)		After Expansion	
Block	Built-Up Area	Block	Built-Up Area
Block – A (B+G+12)	19545.42 Sqm	Block – A (B+G+12)	30207.02 Sqm
Block – B (B+G+1)		Block – B (B+G+20)	
Block – C (B+G+16)		Block – C (B+G+18)	

Salient Features of the Project:

- Salient features of the proposed project as uploaded in the PARIVESH portal by the PP is given below.

Land Area (As per Deed)	7991.78 sqm.
Land Area (As per Physical Measurement)	7947.57 sqm.
Block details	Block – A (B+G+12) Block – B (B+G+20) Block – C (B+G+18)
Nos. of flats	224 nos.
Expected Population (as per NBC, 2016)	Residential: 1272, Service 40, Floating 127, Total population- 1439
Total Water requirement (as per NBC, 2016)	211 kLD
Fresh Water requirement	126 kLD
Rain Water Harvesting Tank Capacity	2 X 70kL
Wastewater Generation	158 kLD
STP Capacity	165 kL
Treated Wastewater Generation	157 kLD (after 1% evaporation loss)
Treated Wastewater Recycled	85 kLD (to be used in landscaping, flushing & yard washing)
Wastewater Discharge	72 kLD (after recycling)
Solid waste disposal	589 Kg/Day (Biodegradable- 236 Kg/Day & Non-biodegradable - 353 Kg/Day)
Total Built-Up Area	30207.02 Sqm.
Ground Coverage	1849.34 sqm. (23.27% of Total land area)
Service Area	102.83 sqm. (1.30% of Total land area)

Green Area	1724.97 sqm. (21.70% of Total land area)
Driveway Area/Paved Area	3125.91 sqm. (39.33% of Total land area)
Open Parking Area	425.05 sqm. (5.35% of Total land area)
Pond Area	719.47 sqm. (9.05% of Total land area)
Plantation Proposed	143 nos.
No of Parking Spaces Proposed	Required : 151 Provided: 187
Total Power Requirement	1200 kW Sourced WBSEDCL
Solar power plant generation	12 KW(P) (~1%) –Will be transferred to Grid
Backup Power	1 nos. 160 kVA DG set
Project Cost (Rs.)	Rs. 95 Crores

Chronology of Events

- The project has previously obtained one Sanctioned Plan from NKDA with BUA 19,545.42 sqm.
- The project site was inspected on 23.05.2023 by WBPCB.
- The PP applied for EC in prescribed format and uploaded proposal in the PARIVESH portal on 28.05.2023.
- The PP was called for the EC presentation in the 3rd meeting of SEAC, WB held on 14.06.2023 and the PP presented their proposal in this meeting.
- Considering the presentation made by the PP, along with the report of inspection, the SEAC observed that the PP had already initiated construction activity without obtaining Consent to Establish from WBPCB, which is a gross violation of The Water (Prevention and Control of Pollution) Act, 1974 and The Air (Prevention and Control of Pollution) Act, 1981.

SEAC made the following **additional observations/ conditions** based on the presentation of the PP:

Land and land use:

1. Embankment Management Plan for the water bodies to be submitted with special emphasis on the boundary wall-side embankment. Their conservation plan and plan for fencing around the same for safety should be provided.
2. A detailed traffic and transportation study for existing and projected passenger and cargo traffic to be submitted.
3. A revised layout plan with area statement deducting the MSW area from the exclusive tree plantation zone, which are currently overlapping with each other.

Solar PV and Microclimate:

4. Solar power should be generated as per stipulation. Layout of the solar PV should be provided. The solar power should be grid-metered. Actual solar power generated should be reported using smart meter.
5. Following studies along with energy conservation measures should be provided :
 - Microclimate (sunshine & shadow analysis and its effect on energy consumption)

- Air circulation (effect on natural ventilation and wind speed).
- Day lighting (how dependence on artificial lighting during daytime is affected).

Green belt/Plantation:

6. The reasonable cost of proposed plantation should be mentioned

Rainwater harvesting and recharge:

7. The recharge pits should be staggered and the depths should commensurate with the underground profile of the particular locality – recharge to be done at the layer of medium to coarse sand. The lithology provided appears to be confusing regarding date and location of the pit. The same error exists for the borewell lithology.
8. No recharge pit should be under the parking area. Recharge pits, located in the green area, should be raised so that no chemicals can percolate. Use of chemicals should be avoided around the recharge points.

Green Building:

9. Any certification with respect to green building may be furnished, if available.

Water and wastewater:

10. 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.
11. Sensor based water quality management system. Data for inlet and discharge water quality of STP should be recorded.
12. Piezometer should be installed to monitor the groundwater level. The lithological log of the piezometer should be submitted with compliance reports.
13. A report on the impact of the basement on the shallow groundwater should be submitted.
14. The reasonable cost of proposed STP should be mentioned.

Air-pollution control:

15. Ambient air quality monitoring station. Mist cannon to be provided for dust control in the locality. Height of the air-sampling point should be as per CPCB norms.
16. Ambient noise quality monitoring station.

Parking area:

17. Charging points for e-vehicles to be provided as per stipulation.

Social part of EMP:

18. EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. Consents from the beneficiaries are needed.

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

- The PP uploaded their reply in PARIVESH Portal on 28.07.2023 which was considered in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the committee (SEAC), recommended that **Environmental Clearance (EC) may be granted** to the proposed project / activity with the additional condition that final green building certificate should be submitted along with six monthly compliance report.

2.3) Environmental Clearance (Extension of Validity / Amendment / Corrigendum):**2.3.1) Industry Sector :**

- Proposed amendment of EC for 4x10T Induction Furnace & Rolling Mill for production of 1,32,000 TPA MS Billet and 1,05,600 TPA Rolling Mill products at Plot No. A20, Panagarh Industrial Park, Dist. - Paschim Bardhaman, West Bengal.

Proposal No.: SIA/WB/IND/301715/2023
Project Proponent: M/s. Kamaldeep Ispat Pvt. Ltd.
Environmental Consultant: M/s. ULTRA TECH.

Activities:

- This is a proposal for amendment in EC for proposed Installation of 4x10T Induction Furnace & Rolling Mill for production of 1,32,000 TPA MS Billet and 1,05,600 TPA Rolling Mill products at Plot No. A20, Panagarh Industrial Park, Dist. - Paschim Bardhaman, West Bengal.

Chronology of the Events:

- The PP had obtained Environmental Clearance for the project from SEIAA vide EC Identification No. EC23B008WB178238, File no. EN/T-II-1/025/2022 dated 05.04.2023.
- Now the PP applied in PARIVESH portal on 30.06.2023 for amendment in EC for configuration of Induction Furnace from 4x10T to 3x15T. Accordingly production capacity of MS Billet will be increased from 132000 TPA to 148500 TPA. The comparative of the previous EC and amendment in EC are as follows :-

Plant/ Equipment/ Facility	Existing Configuration	Proposed Configuration	Final configuration after Amendment
MS Billet	132000 TPA	148500 TPA	148500 TPA
Rolling Mill products	105600 TPA	105600 TPA	105600 TPA
Rolling Mill	1x16 TPH	1x16 TPH	1x16 TPH
Induction Furnace	4x10 T	3x15 T	3x15 T
Reheating Furnace (for emergency case)	1x16 TPH	1x16 TPH	1x16 TPH
Project Cost	Rs.63.50 Crore	Rs.70 Crore	--
Fresh water	43 KLD	44 KLD	--

requirement			
Power requirement	20000 kVA	30000 kVA	--

- The PP was called for the presentation in the 7th meeting of SEAC, WB (2023-2026) held on 12.07.2023 and the PP presented their proposal in this meeting.
- Considering the presentation made by the PP, along with the O.M. of MoEF&CC vide F No. IA3-22/10/2022-IA.III[E 177258] dated 11.04.2022, the SEAC recommended that following documents to be submitted :-
 - Certified Compliance Report (CCR) as applicable, as per the MoEF&CC O.M. vide F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022 to be submitted.
 - Revised EIA/EMP report to be submitted.
 - Flow meter to be installed for the bore wells. Plan in this regard should be submitted.
 - Action plan for the compliance of the points raised in the public hearing already conducted.
 - Analysis report of the slag and dust to be submitted.

Public Hearing is exempted as per the above mentioned O.M. dated 11.04.2022.

SEAC Observations and Recommendations:

- The PP uploaded their reply in PARIVESH Portal on 28.07.2023.
- The SEAC scrutinized the documents submitted by the PP in the 10th meeting of SEAC, WB (2023-2026) held on 02.08.2023 and **recommended the proposal for amendment of EC.**

Table-1 : List of the projects which were placed before the SEAC, WB (2023-2026) in the tenth meeting held on 02.08.2023 and the Summary Decisions thereof:

Sl. No.	Name of the unit and Project address	Summary Decision
1. Cases for Technical Presentation		
1.1) Terms of Reference		
1.1.1) Industry Sector		
I.	M/s. Rashidhan Sales Private Limited. Proposed increase in production capacity of existing installed facilities by augmentation of existing 1x6 T Induction Furnace to 1x8 T Induction Furnace and installation of new 2x10 T + 8x20 T Induction Furnace with matching CCM & LRF/AOD for ultimate production of 600000 TPA Billets & Ingots from 3x8 T + 4x10 T + 8x20 T Induction Furnace along with expansion of existing rolling mill from 162000 to 580000 TPA for production of CTD & TMT bars/ Epoxy Coated TMT Bars or Rebars, Wire &	Recommended for Terms of Reference.

Sl. No.	Name of the unit and Project address	Summary Decision
	Wire Rod, Nail and installation of new Oxygen plant -1 x 60 TPD, SMS Slag Crusher 1 x 30 TPH, Producer gas plant-2 x 6000 N/m ³ and 45 MW CFBC (Coal & Dolomite based) Captive power plant at J.L. No-12, Tulsiberia Road, Village – Kulgachia, P.S. – Uluberia, Mouza – Sreerampur, District – Howrah, PIN – 711303, West Bengal. (Proposal No.: SIA/WB/IND1/437152/2023)	
II.	M/s. East India Greenwood Trading Agency. Proposed Synthetic Resin Production Plant (PF Resin & MUF Resin) at L.R. Plot No 1666, 1667 & 1664, Village – Khalaigram, P.O. – Tengramari, P.S. – Dhupguri, Dist. – Jalpaiguri, West Bengal, Pin – 735210. (Violation case). (Proposal No.: SIA/WB/IND3/435046/2023)	Recommended for Terms of Reference under violation category followed by regulatory action by WBPCB.
III.	M/s. Mechfast Engineering Private Limited Proposed Structural Re-Rolling Mill Steel Plant at R. S. & L. R. Plot No. - 2849, 2861, 2862/3380, Mouza - Mondalpur, J. L. No. - 37, Jamuria Industrial Estate, P. S. - Jamuria, P. O. - Mondalpur, District - Paschim Bardhaman, West Bengal. (Proposal No. SIA/WB/IND1/437101/2023)	To be called for further presentation.
IV.	M/s. Skipper Limited Proposed existing Hot Rolling Mill Plant for manufacturing of Angle (production capacity 90000 MTA) at Plot No. - 87, 88, 89, 77/633, J.L. No. - 15, Mouza - Kasyabpur, NH-6, Vill - Madhabpur, P. O. - Mehishrekha, P. S. - Uluberia, Dist. - Howrah, West Bengal. (Proposal No. SIA/WB/IND1/437534/2023)	To apply afresh.
1.2) Environmental Clearance		
1.2.1) Construction Sector		
I.	M/s. Central Government Employees Welfare Housing Organization Proposed Residential Complex by Central Government Employees Welfare Housing Organisation (CGEWHO) at D. H. Road, Mouza - Sarmestarchak, J.L. No.: - 17, R.S. Dag No. - 115, 116 & 117, corresponding to L.R. Dag No. - 114, 115 & 116, Mouza - Daulatpur J.L. No. - 79, R.S./L.R. Dag No. - 23,27, 28, 29, 30, 31, 33 & 49, P.O. - Pailan Hat, P.S.: - Bishnupur, Within Kulerdari Gram Panchayat, District – South 24 Parganas. (Proposal No. SIA/WB/INFRA2/436164/2023)	Additional Details Sought
1.3) Terms of Reference		
1.3.1) Mining of Minerals		

Sl. No.	Name of the unit and Project address	Summary Decision
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Beliaberah Sand Mine (MIN_JH_11) over an area of 18.82 ha (46.51 Acres) on the Subarnarekha River at J. L. No. – 75 & 76, Plot No. - 7865(p), 321(p) and 322(p), Mouza – Chorchita & Bansjora, Village – Chorchita & Bansjora, PS – Beliaberah, District – Jhargram, West Bengal. (Proposal No.: SIA/WB/MIN/435754/2023)	Recommended for Terms of Reference
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Hijalbani Sand Mine (MIN_JH_13) over an area of 38.26 ha (94.54 Acres) on the Subarnarekha River at J. L. No. – 214, Plot No. - 54, Mouza – Hijalbani, Village – Hijalbani, Police Station – Nayagram, District – Jhargram. (Proposal No.: SIA/WB/MIN/435762/2023)	Recommended for Terms of Reference
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Matigara Sand Mine (MIN_DJ_03) over an area of 28.25 ha (69.81 Acres) on the Balason River at Mouza: - Gouri & Dumriguri Chhat, Plot No. - 54, 55, 56, 57, 65, J.L. No. - 60 & 63, P. S. - Matigara, District: - Darjeeling, West Bengal. (Proposal No.: SIA/WB/MIN/436449/2023)	Additional Details Sought
IV.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Matigara Riverbed Sand Mine (MIN_DJ_05) over an area of 7.53 ha (18.61 Acres) on the Balason River at Mouza: - Jitu, Kalam & Mathapari, Plot No. - 410, 436, 437, J.L. No. - 69, 76, 79, P.S. - Matigara, District: - Darjeeling, West Bengal. (Proposal No.: SIA/WB/MIN/436818/2023)	Additional Details Sought
V.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Naxalbari Riverbed Sand Mine (MIN_DJ_16) over an area of 10.38 ha (25.65 Acres) on the Mechi River at Mouza - Surajbar & Bara Maniram, Plot No. - 104, 405, 3, 4 & ORS, J.L. No. - 18 & 20, P.S. - Naxalbari, District: - Darjeeling, West Bengal. (Proposal No.: SIA/WB/MIN/436856/2023)	Recommended for Terms of Reference
VI.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Ketuyabera Riverbed Sand Mine (MIN_PUR_13) over an area of 10.83 ha (26.75 Acres) on the Kangsabati River at Mouza: - Ketuyabera, Plot No. - 1824(P), J.L. No. - 9, Block - Purulia-I, District: - Purulia, West Bengal. (Proposal No.: SIA/WB/MIN/437748/2023)	Recommended for Terms of Reference

Sl. No.	Name of the unit and Project address	Summary Decision
1.4)	Environmental Clearance	
1.4.1)	Mining of Minerals	
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Khoyrasole Riverbed Sand Mine (MIN_BIR_22) over an area of 2.21 ha (5.46 Acres) on the Ajay River at J. L. No.- 168, Plot No. – 350(P), 387(P), Mouza – Chapla, P.S. - Khayrasole, District - Birbhum, West Bengal. (Proposal No. SIA/WB/MIN/437366/2023)	Recommended for Environmental Clearance
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Baghmundi Riverbed Sand Mine (MIN_PUR_6) over an area of 2.88 ha (7.116 Acres) on the Subarnarekha River at Mouza - Marcha, Plot No. - 805 & 922, J. L. No. - 15, P.S. - Baghmundi, District - Purulia, West Bengal. (Proposal No. SIA/WB/MIN/437063/2023)	Recommended for withdrawal of the proposal.
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Gopinathpur Sand Mine (MIN_WMED_14) over an area of 3.37 ha (8.33 Acres) on the Kangsabati River at J. L. No. – 632, Plot No. 149(p) & 150(p), Mouza – Gopinathpur, Village – Gopinathpur, PS – Keshpur, District – Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/436782/2023)	Recommended for Environmental Clearance
IV.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Jaypur Sand Mine (MIN_WMED_10) over an area of 3.11 ha (7.68 Acres) on the Shilabati River at J. L. No. – 203, Plot No. 1(p) & 146(p), Mouza – Jaypur, Village – Jaypur, PS – Garbeta, District – Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/437414/2023)	Recommended for Environmental Clearance
V.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Jagadishpur Sand Mine (MIN_UD_6) over an area of 0.76 ha (1.88 Acres) on the Mahananda River at J. L. No. – 20, Plot No. - 1, Mouza – Jagadishpur, Village – Jagadishpur, PS – Raiganj, District – Uttar Dinajpur, West Bengal. (Proposal No. SIA/WB/MIN/437954/2023)	Recommended for Environmental Clearance
VI.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Gopalpur Sand Mine (MIN_UD_5) over an area of 1.19 ha (2.94 Acres) on the Mahananda River at J. L. No. – 02, Plot No. - 1425, Mouza – Gopalpur, Village – Gopalpur, PS – Raiganj, District – Uttar Dinajpur, West Bengal.	Recommended for Environmental Clearance

Sl. No.	Name of the unit and Project address	Summary Decision
	(Proposal No. SIA/WB/MIN/437788/2023)	
2. Reconsideration Proposals		
2.1) Terms of Reference		
2.1.1) Mining of Minerals		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed WB_BIR_AJ_A1_B Sand Mine over an area of 26.60 ha on the Ajay River at Plot No: 1629/1638, 1049/1634, J.L. No.-87, Mouza: Tamra, P.S.: Khairasole, District: Birbhum, West Bengal. (Proposal No. SIA/WB/MIN/418899/2023)	Additional Details Sought
2.2) Environmental Clearance		
2.2.1) Construction Sector		
I.	M/s. Siom Realty Private Limited Proposed expansion of Residential Complex “Mani Casa-2” at Mouza - Chakpachuria, J.L. No. - 33, Under Patharghata Gram Panchayat, P.S. - New Town, Dist. - 24 Parganas (N), West Bengal. (Proposal No.: SIA/WB/INFRA2/430945/2023)	Recommended for Environmental Clearance
2.3) Environmental Clearance (Extension of Validity / Amendment / Corrigendum):		
2.3.1) Industry Sector		
I.	M/s. Kamaldeep Ispat Pvt. Ltd Proposed amendment of EC for 4x10T Induction Furnace & Rolling Mill for production of 1,32,000 TPA MS Billet and 1,05,600 TPA Rolling Mill products at Plot No. A20, Panagarh Industrial Park, Dist. - Paschim Bardhaman, West Bengal. (Proposal No.: SIA/WB/IND/301715/2023)	Recommended for amendment of Environmental Clearance

There being no other agenda the Chair thanked the members present for their fruitful participation and deliberations. The meeting ended with a vote of thanks to the Chair.

Sd/-

(Prof. (Dr.) Anirban Gupta)

Chairman

State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Pradip Kumar Sikdar)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Sampa Chakrabarti)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Suchandra Bardhan)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Aniruddha Mukhopadhyay)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Indranath Sinha)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Shri Shubhendu Bandyopadhyay)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Rajesh Kumar, IPS)

Secretary

State Expert Appraisal Committee, West Bengal

UNDERTAKING for Industrial projects
(To be done on Non-Judicial Stamp Paper of valuation Rs.10/- and duly notarized)

I, son of _____ (Father's Name) _____, resident of _____ (Address) _____ presently working as _____ (Designation) _____ of M/s. _____ (Organization Name) _____ am an authorized person of the above named organization, do hereby solemnly declare and state as follows :

1) THAT M/s. _____ are the project proponent in respect of the _____ (Project Name) _____.

2. THAT M/s. _____ has already started the proposed expansion activity consisting of _____ at _____.

3. THAT in terms of EIA Notification 2006 and amendments thereof, our project falls within the purview of environment clearance.

4. THAT M/s. _____ has failed to get prior environmental clearance as per statutory provisions of EIA Notification due to the reasons mentioned below: (please mentioned the reasons) –

- i.
- ii.
- iii.
- iv.

5. THAT M/s. _____ has submitted the application form for obtaining necessary Environmental Clearance as per Govt. of India Notification No.S.O.804(E) dated 14.03.2017, S.O.1030(E) dated 08.03.2018 and Office Memorandum issued by the Ministry of Environment, Forest & Climate Change, dated 15.03.2018, 16.03.2018, 09.09.2019 and Standard Operating Procedure (SoP) issued by MoEF&CC vide its OM dated 07.07.2021 which was upheld by hon'ble Supreme Court vide its order dated 09.12.2021.

6. Now I, on behalf of the Project Proponent undertake the followings :-

- a) To comply with all statutory requirements/norms, for obtaining Environmental Clearance;
- b) To take all necessary permissions/licences/clearances from the concerned Government Departments and to submit compliance before the State Level Appraisal Committee, West Bengal;
- c) To take all measures for the protection of the environment as may be prescribed by the Central Government or the State Government from time to time at the expenses of the project proponent.

7. THAT the project proponent also undertakes not to repeat such violation in future, in case of violation, the ToR/EC shall be liable to be terminated.

The above-mentioned statements are true to the best of my knowledge and belief.

DEPONENT