

Minutes of the 6th meeting of the State Level Expert Appraisal Committee, West Bengal (2023-2026) held on July 05, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.

The 6th meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal (2023-2026) was held on Wednesday the 05th July 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 Chakrabarti	Member, SEAC	Present
4)	Prof. (Dr.) Suchandra Bardhan	Member, SEAC	Present
5)	Prof. (Dr.) Pradip Kumar Sikdar	Member, SEAC	Present
6)	Prof. (Dr.) Aniruddha Mukhopadhyay	Member, SEAC	Present
7)	Shri Shubhendu Bandyopadhyay	Member, SEAC	Present

1) TECHNICAL PRESENTATIONS

1.1) For Terms of Reference

1.1.1) Construction Sector

- I. **Proposed expansion cum modification of Housing Complex at Premises No. - 37, Panditiya Road, Ward – 85, Borough – VIII, Kolkata – 700 029, West Bengal. (Violation case)**

Proposal No.:	SIA/WB/INFRA2/432998/2023
Project Proponent:	M/s. Fort Builders
Environmental Consultant:	M/s. Ultra-Tech.

Activities:

- This is a proposal for expansion cum modification of Housing Complex comprising of the following configuration:-

	Existing project	Expansion project	Total after expansion
Building profile	2 towers of B+G+25 storied	1 tower of B+G+18 storied	2 nos. B+G+25 and 1 no. 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 –

	Oasis Part		Verde Part	Oasis + Verde
	As per EC [Memo No-J.12011/70/2006-IA(CIE)] dated 13.03.2006 for Plot 38/1	As per CC Plan (vide memo No. 80/CC/B-VIII/2010-11, dated 30.03.2011)	Expansion Sanction Drawing	Total (As per CC plan + Expansion Plan)
	1	2	3	4 = 2+3
Total Land Area	Not mentioned in EC	11329.9 sqm.	2631.16 sqm.	13961.06 sqm.
Total Built Up Area	30535.97 sqm.	28366.242 sqm.	11688.816 sqm.	40055.058 sqm.
Ground Coverage	NA	-	-	3705.91 sqm. (26.54%)
Exclusive Tree Plantation Area	NA	-	-	3152.28 sqm. (22.58%)
Service Area	NA	-	-	628.28 sqm. (4.50%)
Paved Area	NA	-	-	3106.31 sqm. (22.25%)
Semi Paved Area	NA	-	-	355.87 sqm. (2.55%)
Open Parking Area	NA	-	-	1010.54 sqm. (7.24%)
Temple Area	NA	-	-	75.24 sqm. (0.54%)
Open Area	NA	-	-	1926.63 sqm. (13.80%)
No. of Block & Story	B+G+25	2 nos. B+G+25	1 no. B+G+18	2 nos. B+G+25 and 1 no. B+G+18
No. of Dwelling units	182 Dwelling units	Flats -178 nos. including 88 nos., Servants room	Flats – 34 nos.	Flats - 212 nos., including 88 nos., Servants room
Total Population During Operation	950 - 1050 persons	951 persons	443 persons	1394 persons
Source of Water	NA	KMC	KMC	KMC
Total Quantum of Water required	130 kLD	130 kLD	68 kLD	198 kLD
Quantity of Wastewater Generation	104 kLD	94 kLD	40 kLD	134 kLD
Quantity of treated wastewater recycled	NA	48 kLD	31 kLD	79 kLD
Quantity of treated wastewater Discharge	NA	46 kLD	9 kLD	55 kLD
Quantum of Fresh Water required	--	82 kLD	37 kLD	119 kLD
Quantity of Solid Waste Generation	370 kg/day	370 kg/day	144 kg/day	514 kg/day
Electricity Load	NA	1800 kW	661 kW	2461 kW
Electricity Supplied By	NA	CESC	CESC	CESC

	Oasis Part		Verde Part	Oasis + Verde
	As per EC [Memo No-J.12011/70/2006-IA(CIE)] dated 13.03.2006 for Plot 38/1	As per CC Plan (vide memo No. 80/CC/B-VIII/2010-11, dated 30.03.2011)	Expansion Sanction Drawing	Total (As per CC plan + Expansion Plan)
D. G. Sets	NA	1 X 500 kVA + 1 X 250 kVA	2 X 320 kVA	1 X 500 kVA +1 X 250 kVA + 2X 320 kVA
Car Parking provided	Covered Parking - 176 nos., Open Parking -76 nos.)	114 nos.	170 nos.	284 Nos.
No. of trees provided		200 nos.		
Project Cost	26.45 crores	26.45 crores	31.05 crores	57.5 crores
Latitude & Longitude of site	NA	22°31'23.72" N, 88°21'23.61"E		

Chronology of the Events:

- Earlier the project was obtained EC for 38/1, Panditiya Road, Kolkata 700 029 vide Memo No.J.12011/70/2006-IA(CIE) dated 13.03.2006 in name of "OASIS". Afterwards Premises No. 37 and 38/1 amalgamated and renamed as 37, Panditiya Road, Kolkata 700 029.
- The PP applied in prescribed format for Terms of Reference under violation category for the expansion and modification project and uploaded the application in the PARIVESH portal on 20.06.2023.
- The PP was called for the ToR presentation in the 6th meeting of SEAC, WB held on 05.07.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the applications made, documents uploaded / submitted, and the presentations made by the PP/Consultant the SEAC, therefore, made the following **observations/ additional conditions** based on the presentation of the PP:

Legal / mandatory documents:

- 1) Certified Compliance Report as per O.M. vide F No. IA3-22/10/2022-IA.III [E 177258] dated 08.06.2022 issued by MoEF and CC.
- 2) Notary Affidavit as per the enclosed format given in **Annexure – 1**.
- 3) Damage Assessment Plan.
- 4) Remedial Plan.
- 5) Community Augmentation Plan.
- 6) Development Agreement.
- 7) Power of Attorney.
- 8) Total cost of the project as well as turn over till the date of submission of EC application to be certified by Chartered Accountant.

- 9) All mandatory documents i.e. Building Permit, Mutation Certificate, NOC from WBF&ES, AAI Clearance etc. to be uploaded in the PARIVESH portal.
- 10) Present status of construction of the project clearly showing the violation portion with photographs.
- 11) All sanctioned drawings, including individual floor plans and sections as mentioned in the Notification issued by SEIAA vide No. 2495/EN-T-II/011/2018 dated 17.12.2019.
- 12) Flat matrix and land use plan.

Land and land use:

- 13) While submitting the land use plan within the project area, the details (exact width) of underground service lines including fire, electrical, sewerage and drainage should be depicted with a different colour in order to assess that the area required for exclusive tree plantation does not overlap with these underground service lines. The plan should be certified by the project architect.

Water and wastewater:

- 14) A report on impact of basement on shallow groundwater flow to be submitted.
- 15) Smart flowmeters (including totaliser) for fresh, treated, recycled and discharged wastewater should be installed and the recorded values should be submitted. Plan in this regard to be submitted.
- 16) Sensor based water quality management system at inlet, recycle and discharge of wastewater/ treated wastewater from STP with digital data.
- 17) Final green building certification to be submitted.

Rainwater harvesting and recharge:

- 18) Storage equivalent to one day freshwater requirement should be provided for the project.
- 19) No. of recharge pits should be increased as per the Notification issued by SEIAA vide No. 2495/EN-T-II/011/2018 dated 17.12.2019.
- 20) The recharge wells should be installed at staggered depths in medium to coarse sand layers. The subsurface lithology and design of each well should be submitted. Regular monitoring and reporting (with periodical compliance reports) of the groundwater level by constructing a piezometer is necessary.

Need based activity/social part of EMP:

- 21) The PP will work along with WBPCB for need-based activities like distribution of E-waste bins, water sprinkling on major arterial roads, operation of mist canons, distribution of jute bags and other related activities.
- 22) Consents from the beneficiaries of the social part of EMP should be furnished. Any other local need should be identified.

Plantation plan/greenbelt/Biodiversity:

- 23) A plantation plan to the scale of 1:100 duly approved by the DFO is required to be submitted as per subsection (1) read with subsection (4) of section (9) of WB Trees (Protection and Conservation in Non-Forest Areas) Act, 2006.

Solar PV/ microclimate

- 24) The solar power generation should be at least 1% of the total connected load for the project.
- 25) Detailed plan of solar power plant including PV array should be submitted.
- 26) Solar smart meter for recording generation.
- 27) Following studies along with energy conservation measures should be provided:
 - a) Microclimate (sunshine and shadow analysis and its effect on energy consumption).
 - b) Air circulation (effect on natural ventilation and wind speed).
 - c) Day lighting (how dependence on artificial lighting during daytime is affected).

Solid waste:

- 28) Proposal for organic waste composter.

Air pollution and control:

- 29) Ambient air quality monitoring station. Mist cannon to be provided for dust control in the locality.
- 30) Ambient noise quality monitoring station.

Parking area:

- 31) Charging stations for e-vehicles as per norm.

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

Recommendations: SEAC, taking into account the salient features of the proposed project, recommended that **Terms of Reference under violation category 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.

1.2) For Environmental Clearance**1.2.1) Construction Sector**

- I. **Proposed Residential Project of “Sankalpa- III” at Premises No. - 23 MAR-CA/12 to CA/17, Action Area-1, New Town, Dist. - North 24 Parganas, Kolkata – 700156, West Bengal. (Violation Case)**

Proposal No.:

SIA/WB/MIS/293146/2022

Project Proponent:

M/s. West Bengal Infrastructure Development Finance Corporation Ltd.

Environmental Consultant:

M/s. Superintendence Co. of India (P) Ltd.

Activities:

- This is a proposal for construction of residential project comprising of 6 blocks of B+G+15 (2 nos.); B+G+13 (1 no.); B+G+11 (1 no.); G +17 (1 no.); along with club (B+G+2) storied building. The total plot area of the project is 15,073 sqm., Built up Area is 62,170.62 sqm. The project consists of total 274 nos. of flats.

Salient Features of the Project

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

Land Area	15,073 sqm.
Geographical Coordinate	Latitude - 22°34' 46.12"N to 22°34'42.72"N Longitude - 88°27'56.18"E to 88°27' 45.51"E
Expected population	1605 persons
No of Flats and facilities	274 nos. and one club house
Total Water requirement	Total: 243 kLD, Source: WBHIDCO Water Supply
Fresh Water requirement	214 kLD
Waste water treatment	Combined Sewage treatment plant of Sankalpa III is done by NKDA
Waste water recycle	29 kLD
Solid waste disposal	611 kg/Day (Approx)
Total Built-Up Area	62,170.62 sqm.
Ground Coverage	5,531.83 sqm. (36.70%)
Landscape Area	3,022.15 sqm. (20.05%)
Plantation Area	3,022.15 sqm. (20.05%)
Parking area	3,875 sqm. (25.71%)
Pavement and Road Area	2,644.02 sqm. (17.54%)
Plantation Proposed	135 nos.
No of Parking Spaces Proposed	Require: 340 ECS Provided: 344 ECS Open – 155, Covered parking on ground – 21, Basement – 168 = ECU – 344.
Total Power Requirement	Load: 2,032 kVA;
Backup Power	DG Set Capacity : 2x320 kVA,
Project Cost (Rs.)	Rs 10,528 Lacs

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference for the project and uploaded the application in the PARIVESH portal on 13.09.2017 (Proposal No. SIA/WB/NCP/22898/2018).
- The PP presented their expansion proposal for Terms of Reference in the 164th SEAC meeting held on 20.11.2018.

- The SEAC recommended the ToR vide Memo no. 715-2N-103/2010(E) dated 10.12.2018.
- The PP had applied online for extension of validity of ToR (Proposal No. SIA/WB/MIS/278503/2022) which was recommended by SEIAA vide Memo No. 1946/EN/T-II-1/031/2018 dated 16.09.2022. The validity of ToR was extended upto 09.12.2022.
- The project site was inspected on 25.07.2018 by WBPCB.
- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 04.05.2023.
- The PP was called for the EC presentation in the 6th meeting of SEAC, WB (2023-2026) held on 05.07.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- **Considering the presentation made by the PP, along with the report of inspection, the SEAC** observed that the proposed project does not have adequate provision for basic services like rainwater harvesting, organic waste compost facility, solar power etc. Also, the tree plantation plan approved by the DFO shows that a major portion of the plantation exists over the basement and not on virgin soil.

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

Greenbelt:

- Landscape and plantation are not the same. A revised approved plantation plan showing the required fraction the plantation only on virgin soil. The plan should mention that area and percentage of the exclusive tree plantation on virgin soil.
- The PP should submit necessary documents regarding compensatory plantation.

Legal / mandatory documents:

- A notarized affidavit as per the enclosed format given in **Annexure – 1**.
- Damage Assessment Plan.
- Remedial Plan.
- Community Augmentation Plan.
- Authenticated documents for the total project cost.
- Authenticated documents mentioning gross turn-over till date.

Solid Waste

- Organic Waste Compost facility to be provided.

Fire

- An updated Fire NOC to be submitted.

Water and wastewater

- Smart flow water meter with totalizer at inlet for fresh water.
- Water demand and waste water generation as shown in the presentation should be revised, based on population calculation as per NBC, 2016.

Rainwater harvesting and recharge

- Location of rainwater collection tank and its sections should be submitted including its intended use.

Solar PV/ microclimate

- The solar power generation should be at least 1% of the total connected load for the project. The area for augmenting solar power should be identified and indicated.
- Detailed plan of solar power plant including PV array should be submitted.

Water and wastewater

- A report on impact of basement on shallow groundwater flow to be submitted.

Social part of EMP

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

Display board

- To be provided with all environmental parameters and beneficiaries of the social part of EMP.

Recommendation: 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 Environmental Clearance**1.3.1) Industry Sector**

- Proposed expansion of existing Common Bio-Medical Waste Treatment Facility from 7.5 TPD to 15 TPD at K-26, Phase-III, Kalyani Industrial Growth Centre, Kalyani P.S. & P.O., Nadia District, West Bengal.**

Proposal No.:	SIA/WB/INFRA2/406141/2022
Project Proponent:	M/s. Medicare Environmental Management Pvt. Ltd.
Environmental Consultant:	M/s. Re Sustainability Solutions Private Limited.

Activities:

- This is a proposal for expansion of existing Common Bio-Medical Waste Treatment Facility from 7.5 TPD to 15 TPD at K-26, Phase-III, Kalyani Industrial Growth Centre, Kalyani P.S. & P.O., Nadia District, West Bengal.

Salient Features of the Project:

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

Land Area	1.0139 acres (4103.11 sq.m)
Greenbelt Development	0.33 acres (33% of land area)
Capacity of plant & equipment	After expansion the project has been designed to treat BMW up to 15 TPD. Key components of the facility after proposed expansion include: a) Incinerators – 700 kg/hr (existing 1 no. x 200 kg/hr and 2 nos. x 250 kg/hr proposed) b) autoclave – 7 TPD (existing 1 no. x 2 TPD and 2 nos. x 2.5 TPD proposed) c) Shredder- 6.5 TPD (existing 1 no. x 60 kg/hr and proposed 1 no. x 5 TPD) d) D.G set – 300 kVA.
Coverage area	Nadia, Murshidabad, Hooghly and North 24 Parganas districts.
Power requirement and Source	300 kW power will be supplied by West Bengal State Electricity Distribution Company Ltd. 300 kVA DG set to be maintained for emergency power backup.
Fresh Water Requirement	45 kLD which will be sourced from West Bengal Industrial Infrastructure Development Corporation (WBIIDC) water supply
Total water	150 kLD (fresh – 45 kLD & treated – 105 kLD)
Total wastewater generation	120 kLD
Total discharged water	6 kLD (Wastewater to municipal drains)
Manpower	120 persons
Solid waste generation	ETP sludge - 48 MT per annum Incinerator Ash - 96 MT per annum Sterilized plastic - 144 MT per annum
Effluent Treatment Plant (ETP) capacity	180 kLD
Total no. of trees	There are about 70 tall and large trees and also shrubs within the core zone. A total of around 270 trees can be grown in addition to the existing trees along the periphery of project boundary, roads, and around the facility site without damaging the existing greenbelt.
Project Cost (Rs.)	Rs. 12 Crores.

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference for the project and uploaded the application in the PARIVESH portal on 10.01.2020 (Proposal No. SIA/WB/MIS/47850/2019).
- The PP obtained Terms of Reference issued by SEIAA vide No. 1509/EN/T-II-1/007/2020 dated 12.11.2020.
- Public Hearing of the project was conducted by WBPCB on 11.01.2022.

- The PP applied for EC in prescribed format and uploaded final EIA report in the PARIVESH portal on 10.05.2023.
- The PP was called for the EC presentation in the 6th meeting of SEAC, WB (2023-2026) held on 05.07.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

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

Mandatory documents:

1. Certified Compliance Report as per O.M. vide F No. IA3-22/10/2022-IA.III [E 177258] dated 08.06.2022 issued by MoEF and CC.
2. Valid accreditation certificate of the consultant.

Land and land use:

3. Contour map of the area showing depth of the water table.
4. Lay out plan showing all the services including parking area.
5. Land use plan clearly mentioning the area (sqm. & percentage).

Water and wastewater:

6. Disinfection should be shown in the ETP flow diagram. Yard wash/ storm water should go to ETP.
7. Stormwater run-off management plan should be submitted.

Rainwater Harvesting :

8. Plan for rainwater harvesting and use of harvested rainwater to be submitted. No recharge to ground water should be done.
9. The tank to be used for rainwater harvesting should be lined with impervious lining.

Greenbelt:

10. A time bound progressive green belt development plan should be submitted and followed indicating quantitative coverage, plant species, spacing and time frame. A schematic planting prescription for an area of one Ha. is annexed as **Annexure 2**.

Need-based activities:

11. Area for plantation outside plant area as proposed should be identified.

Miscellaneous:

12. Site photographs with geo-coordinates should be provided.
13. Man power requirement for the project should be commensurate with the existing vis-a vis expansion proposed.
14. Need for expansion for the plant should be justified with projected BMW generation data in coverage area.
15. Disaster/risk management plan should be submitted.

Display board:

16. Display board indicating all environmental parameters and beneficiaries of the need—based activities should be provided.

Recommendations:

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

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

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

2) Reconsideration Proposals :-**2.1) Terms of Reference :****2.1.1) Mining of Minerals:**

- I. **Proposed MIN_BNK_57 Sand Mine over an area of 9.21 ha (22.74 Acres) on the Dwarakeswar River at Mouza: Sonatapol, J.L. No.: 75, Plot No.: 1, P.S. & Block - Onda, District: Bankura, West Bengal.**

Proposal No.	SIA/WB/MIN/426845/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. Centre for Envotech and Management Consultancy Private Limited

Activities:

- This is a proposal for MIN_BNK_57 Sand Mine over an area of 9.21 ha (22.74 Acres) on the Dwarakeswar River at Mouza: Sonatapol, J.L. No.: 75, Plot No.: 1, P.S. & Block - Onda, District: Bankura, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 04(I/301012/2022)-ICE-12011(99)/27/2022-MINES SEC-Dept of ICE Dated 03.01.2023.
- 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 27.03.2023 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	9.21	3	100	27,6300
2	9.21	2.346	78.20	2,16,066.60
3	9.21	2.346	78.20	2,16,066.60
4	9.21	2.346	78.20	2,16,066.60
5	9.21	2.346	78.20	2,16,066.60
Total Geological Resource				11,40,566.40

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

Year	Avg Minable area (ha)	Thickness(m)	Replenishment Rate %	MR (Cum)	Annual production (Cum)
1	7.94	3	100	2,38,200	2,38,200
2	7.94	2.346	78.20	1,86,272.40	1,86,272.40
3	7.94	2.346	78.20	1,86,272.40	1,86,272.40
4	7.94	2.346	78.20	1,86,272.40	1,86,272.40
5	7.94	2.346	78.20	1,86,272.40	1,86,272.40
The Mineable Reserve				9,83,289.60	9,83,289.60

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded cluster certificate from the competent authority.
- 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 21.04.2023.
- The PP was called for the ToR presentation in the 2nd meeting of SEAC, WB held on 07.06.2023 and the PP presented their proposal in this meeting.
- The sand block does not fall within any cluster Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls totally within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district.
- However, the SEAC observed that there is a mismatch in the Mouzas mentioned in the PFR, application submitted in the PARIVESH portal and the approved Mining Plan with Progressive Mine Closure Plan.
- Therefore, the SEAC recommended that the PP should submit the reasons for the discrepancy mentioned above.
- 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.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, 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 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 may 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. Spatial year wise progressive plantation program.

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 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
Project Proponent -	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 Mineable 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 sand block is located in cluster with adjoining 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 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.

SEAC Observations and Recommendations:

- 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.

Recommendations:

- The PP should submit necessary documents/ clarifications sought above to enable the SEAC to consider the project for issuance of ToR.
- **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.

III. Proposed Hatsimul Sand Mine 4.10 Hectare (10.12 Acres) on River Damodar at Plot No: 1171, 1649, 1684 & Ors., J.L. No.-81, Mouza: Hatsimul, P.S. Burdwan, District: Purba Bardhaman, West Bengal.

Proposal No.

SIA/WB/MIN/73033/2022

Project Proponent -

Shri Shyamal Singha Roy.

Environmental Consultant -

Not engaged.

Activities:

- This is a proposal for riverbed sand mining of Burdwan-2/Hatsimul/1171, 1649, 1684 & Ors/A Sand Block over an extent of 4.10 Hectare (10.12 Acres) on River Damodar at Plot No: 1171, 1649, 1684 & Ors., J.L. No.-81, Mouza: Hatsimul, P.S. Burdwan, District: Purba Bardhaman, West Bengal.
- 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 16.03.2022 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the approved Plan document that there is total mineable sand reserve of 104400 m³ and geological reserve is 123000 m³.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has not uploaded the copy of valid Lol.
- The PP has not uploaded cluster certificate from the competent authority.

Chronology of the Events:

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 25.03.2022.

- The PP was called for the ToR presentation in the 67th SEAC meeting held on 22.02.2023 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the SEAC observed that major portion of the plot area for the proposed project (geo-coordinates) as reported in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Purba Bardhaman district. Therefore the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Revised Lol from the competent authority.
 - 2) Revised Mining cum Progressive Mine Closure Plan.
 - 3) Cluster certificate from the competent authority.
 - 4) Reserves to be submitted based on the replenishment rate as per the approved DSR.
 - 5) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 6) Need-based EMP, prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Communication with all the schools/institutions which have been identified, as per the need based EMP prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020.
 - 7) Study report on base flow level measured at 5 points with date and supporting photographs. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the proposal may also be revised.
- 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 PP has not submitted the following documents:
 1. Valid Lol from the competent authority.
 2. Cluster certificate from the competent authority.
- The project proponent uploaded their reply in PARIVESH Portal on 28.06.2023, which was considered in the 6th meeting SEAC, WB (2023-2026) held on 05.07.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
 1. Cluster certificate from the competent authority should be provided.
 2. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.

3. A 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 distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
5. Management plan of haul road to the public road.
6. Spatial year wise progressive plantation program.

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.

2.2) Environmental Clearance :

2.2.1) Mining of Minerals:

- I. **Proposed Gangarampur Sand Mine (MIN_DD_27) over an area of 2.94 ha (7.26 acres) on the Punarbhava River at J. L. No. – 28, Plot No. 3499, Mouza – Kathalhat Hossenpur, PS – Gangarampur, District – Dakshin Dinajpur, West Bengal.**

Proposal No.:	SIA/WB/MIN/431888/2023
Project Proponent:	M/s. West Bengal Mineral Development and Trading Corporation Limited.
Environmental Consultant:	M/s. Crystal Consultants.

Activities:

- This is a proposal for Gangarampur Sand Mine (MIN_DD_27) over an area of 2.94 ha (7.26 acres) on the Punarbhava River at J. L. No. – 28, Plot No. 3499, Mouza – Kathalhat Hossenpur, PS – Gangarampur, District – Dakshin Dinajpur, 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' prepared for proposed sand Mine at the site by an RQP. The Plan has been approved by the State Government on 10.05.2023 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 (Cum)	Replenishment Rate (%)	Geological Resource (Cum)
1	58,800	100	58,800
2	58,800	74.53	43,823.64
3	58,800	74.53	43,823.64
4	58,800	74.53	43,823.64
5	58,800	74.53	43,823.64
Total Geological Resource (Cum)			2,34,094.56

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 (Cum)	Replenishment Rate (%)	Mineable Reserve (Cum)	Annual Production (Cum)
1	45,072	100	45,072	45,072
2	45,072	74.53	33,592.1616	33,592.1616
3	45,072	74.53	33,592.1616	33,592.1616
4	45,072	74.53	33,592.1616	33,592.1616
5	45,072	74.53	33,592.1616	33,592.1616
Total Mineable Reserve (Cum)			1,79,440.6464	1,79,440.6464

- The PP **has not uploaded the pre-feasibility report for the proposed project.**
- The PP has uploaded non-cluster certificate from the competent authority.
- 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 01.06.2023.
- The PP was called for the Environmental Clearance presentation in the 4th meeting of SEAC, WB (2023-2026) held on 21.06.2023 and the PP presented their proposal in this meeting.
- **The sand block does not form a cluster with any adjacent sand block.** Based on the submission and presentation made by the PP, the committee observed that the entire plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining cum Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Dakshin Dinajpur district.
- Based on the presentation and submission made by the PP, the committee after careful consideration and detailed deliberation observed that the PP has not uploaded the Pre-

Feasibility Report (PFR) of the project which is a mandatory document. Therefore, the PP is requested to submit the PFR in the PARIVESH portal.

- The project proponent uploaded their reply in PARIVESH Portal on 29.06.2023, which was considered in the 6th meeting SEAC, WB (2023-2026) held on 05.07.2023.

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 conditions mentioned below as the additional EC conditions to be complied with. Compliance of these conditions may be reported in the half-yearly EC compliance reports to be submitted:
 - a) Status of the need-based activities to be reported during six monthly progress report.
 - b) Basic amenities, safety and occupational health examinations for labourers to be provided.
 - c) 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.

II. Proposed Nimai Riverbed Sand & Stone Mine over an area of 2.70 ha (6.67 Acres) on Balason River J.L. No. 57, Plot No. 289(P), 290(P), 315(P), 321(P), 322(P), LR Plot No. 464-466(P), 510-512(P), Mouza-Nimai, P.S. Matigara, Dist - Darjeeling, State West Bengal.

Proposal No.:	SIA/WB/MIN/423510/2023
Project Proponent:	Shri Santosh Singh.
Environmental Consultant:	M/s. Ultra-Tech.

Activities:

- This is a proposal for riverbed sand mining of Nimai SIL 8 Sand Block over an area of 2.70 ha (6.67 Acres) on Balason River J.L. No. 57, Plot No. 289(P), 290(P), 315(P), 321(P), 322(P), LR Plot No. 464-466(P), 510-512(P), Mouza-Nimai, P.S. Matigara, Dist - Darjeeling, West Bengal.
- 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 22.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the approved Plan that there is total mineable reserve is 166071.36 m³ while the total geological reserves is 405000 m³ for 5 years.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP has uploaded the copy of valid Lol.
- The PP has uploaded cluster certificate from the competent authority.
- The PP has informed that there is no litigation 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 the Events:

- The PP applied in prescribed format for EC and uploaded the application in the PARIVESH portal on 29.03.2022.
- The PP was called for the EC presentation in the 74th SEAC meeting held on 12.07.2023 and the PP presented their proposal in this meeting.
- Although the plot area for the proposed project as per the geo-coordinates mentioned in the approved 'Mining cum Progressive Mine Closure Plan' **falls within the potential mining zone** as recorded in the approved District Survey Report (DSR) of Darjeeling district, this application for EC was noted to be a duplicate one. An earlier application (Proposal No. SIA/WB/MIN/408774/2022) for the same project was considered in the 66th meeting of SEAC held on 15.02.2023.
- **It is also observed that the geo-coordinates mentioned in the Cluster Certificate and the Mine Plan do not match.**
- Considering the above, the committee (SEAC), decided that earlier application (Proposal No. SIA/WB/MIN/408774/2022) should be withdrawn by the PP.
- The SEAC further recommended that the following additional submissions / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) It is observed that the geo-coordinates mentioned in the Cluster Certificate and the Mine Plan do not match. Necessary corrections from the Competent Authority to be incorporated in the documents.
 - 2) Taking into consideration the replenishment rates reported in the approved DSR for Darjeeling, both geological and mining reserves for second year (of production) onwards may be re-estimated and the annual production levels may be modified accordingly.
 - 3) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard topping or paving of any haulage route within the riverbed will be attempted.
 - 4) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 5) A Progressive Greenbelt Plan may be prepared. The project being a riverbed project 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.
 - 6) 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.

- 7) A study report on actual depth of baseflow, in metres, below the existing river bed at four corner points and a central point, may be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
- The project proponent uploaded their reply in PARIVESH Portal on 12.06.2023, which was considered in the 3rd meeting SEAC, WB held on 14.06.2023.
 - Based on the submission made by the PP, the committee after careful consideration and detailed deliberation observed that the PP should submit the following documents:
 - a) Actual depth of baseflow below river bed in meters at 5 points mentioning date and geographical coordinates.
 - b) It is observed that the need based EMP has been submitted in the name of Mukunda Berman. Therefore, revised 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. Year wise budget should be provided.
 - The project proponent uploaded their reply in PARIVESH Portal on 28.06.2023, which was considered in the 6th meeting SEAC, WB (2023-2026) held on 05.07.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the committee observed that the project proponent has not submitted a proper reply to the point no. (a) mentioned in the earlier minutes of the meeting. Hence, the PP is requested to submit the actual depth of baseflow below river bed in meters at 5 points mentioning date and geographical coordinates.

Recommendations:

- The PP should submit necessary documents/ clarifications sought above to enable the SEAC to consider the project.
- **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.

2.3) Environmental Clearance :

2.3.1) Construction Sector:

- I. **Proposed Modification and Expansion of an ongoing Mass Housing Project "SHUKHOBRIKSHI" at Plot Nos. - E/1, E/2, Action Area III, Mouza – Patharghata, New Town, Rajarhat, Dist. – 24 Pgs (N), Kolkata – 700156, West Bengal.**

Project Proponent-

M/s. Bengal Shapoorji Housing Development
Private Limited.

Environmental Consultant-

M/s. Centre for Sustainable Development.

Activities:

- This is a modification and expansion proposal of Mass Housing Project. Total built up area of the project is 12,62,778 sqm. on a land area is 6,07,023.70 sqm. (150 acres). Total no. of flats 19430.

Salient Features of the project:

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

Salient features	As per EC obtained vide No. EN/393/T-II-1/167/2007 dated 22.02.2008	As per the sanction plan
Land area	6,07,023.70 sqm. (150 acres)	6,07,023.70 sqm. (150 acres)
No. of Flats	1 BHK – 12000 2 BHK – 8000	19430 nos. (LIG Flats – 9874, MIG Flats – 3840 + UMIG Flats – 5716)
No. of blocks	Residential – G+4 storied – 200 nos. G+14 storied – 36 nos. Facilities - School + Shopping complex + health centre + community centre	LIG Blocks 153 nos. – G+4 storied MIG Blocks 15 nos. – G+14 storied UMIG Blocks 24 nos. – G+14 storied Club 1 - 1 no.– G+1 storied ATM - 1 no.– G storied
Expected Population	88000 persons	Residential – 92992 persons Residential staff – 100 persons Total – 93092 persons
Latitude & Longitude	22°34'10"N (approx.), & 88°30'23"E (approx.)	
Total water requirement (operation stage)	12510 KLD (WBHIDCO supply)	13,169 KLD (WBHIDCO supply)
Fresh water requirement	12510 KLD (WBHIDCO supply)	13,169 KLD (WBHIDCO supply)
Waste water generated	10000 KLD (to be discharged into WBHIDCO sewer)	10,047 KLD (to be discharged into WBHIDCO sewer)
Solid Waste Disposal	40 TPD (to be disposed to WBHIDCO)	MSW – 33919 kg/day (disposed off to WBHIDCO)
Total Built-up area	10,19,800 sq.m.	12,62,778 s.qm
Ground coverage	165505 sqm. (27.3% of Land Area)	154797.88 sq.m (25.50% of Land Area)
Ground coverage kept for future expansion	--	17923.00 sq.m (2.95% of Land Area)
Internal Road Area	--	2,54,485.25 sq.m (41.92% of Land Area)
Tree Plantation Area	--	1,21,918.00 sq.m (20.08% of Land Area)
Open Parking Area (Semi Paved)	--	31,794.12 sq.m (5.24% of Land Area)
Open Parking Area (Paved)	--	12,400.00 sq.m (2.04% of Land Area)
Service & Amenities Area	--	11,705.33 sq.m (1.93% of Land Area)
Proposed waterbody area	3310 sqm (0.55% of Land Area)	2,000.13 sq.m (0.33% of Land Area)

Salient features	As per EC obtained vide No. EN/393/T-II-1/167/2007 dated 22.02.2008	As per the sanction plan
No. of Plantation	20000 nos.	10,161 nos.
Parking Provided	12300 nos.	Car – 10115 nos. 2 wheelers – 9900 nos.
D.G. Sets for Back Up power	2 nos. of 1.5 MVA	123 nos. 14.5 KVA
Electricity Load	36 MVA	37210 KVA by WBSEDCL
Total project cost (Rs.)	--	Rs. 1156.03 Crores (for proposed expansion project of the residential portion)

Chronology of the Events:

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 13.07.2020.
- SEIAA issued Auto ToR 23.09.2020.
- The PP applied in prescribed format for Environmental Clearance and uploaded the application along with EIA report in the PARIVESH portal on 17.03.2022.
- The matter was taken up by the SEAC in its 39th meeting held on 27.04.2022 where the PP presented their case.
- Based on the submission and presentation made by the project proponent, the committee recommended that the following submission / clarifications should be uploaded in the “PARIVESH” portal by the PP for further consideration -
 1. Comparative Statement of all the salient features for the entire project –
 - i. portion completed as per the EC approved,
 - ii. remaining portion not yet constructed but approved under EC,
 - iii. proposed construction beyond the EC received and
 - iv. other important features.
 2. Concurrence for water supply, waste water discharge, solid waste disposal and other services from the Competent Authorities.
 3. Permission from WBF&ES and the AAI.
 4. Land related documents.
 5. Plan for installation of organic waste composter facility as per the Solid Waste Management Rules 2016.
 6. Detailed plan of solar power plant including PV array. The solar PV installation may be planned for grid connectivity.
 7. Units for ambient air quality in the EIA report to be mentioned.
 8. Details regarding the proposed hospital – No. of beds, plan for management of BMW waste generated, permission from the competent authority etc.
 9. Recast recharge structure provisions as discussed in the meeting.
 10. Proper sub-surface lithological profile of the area.
 11. Point 28 in form no 2 and the relevant portion in page 1-5 of EIA report is to be rectified as it has been admitted in page 3-6 of the said report that endemic, endangered faunal

spp like *Varanus flavescens*, *Lissemys punctata*, which are schedule-I animals and marsh mongoose which are schedule-II animals were commonly encountered in the project site/study area. So, a comprehensive conservation plan needs to be prepared.

12. Plan for installation of efficient water fixtures for conservation of water.
13. Rainwater harvesting to be used to gardening and car washing which should be included in the water balance.
14. While submitting the land use plan within the project area, the details (exact width) of underground service lines including fire, electrical, sewerage and drainage should be depicted with a different colour in order to assess that the area required for exclusive tree plantation does not overlap with these underground service lines. The plan should be certified by the project architect.
15. All sanction drawings including building permit.
16. Details of a comprehensive Disaster Management Plan including emergency evacuation during natural and man-made disaster.
17. Inclusion of Clubs, ATM, Hospital, School, Mall, Office Block, Convention Centre, Showroom Block, etc. makes the expansion project a commercial building project. The entire gamut of EIA/ EMP may be relooked from that angle.
18. Allocation for environmental management may be revised upward to make the EMP cost commensurate with the cost of expansion and modification proposed. Budget showing allocation for different heads should be mentioned. There should not be any overlap of CSR and CER activities. These activities must be taken up in localities outside the project boundary.
19. Being a project under Schedule 8(b) of the EIA Notification 2006, the project does not require mandatory public hearing. But it would be in the fitness of thing to plan for a need-based CER and for that a need assessment study may be carried out. While allocation of funds under Corporate Environment Responsibility may be clear and unambiguous, commitments made by the PP to address the environmental concerns may be clearly mentioned to enable the SEAC to prescribe specific condition(s) in physical terms while recommending the proposal to SEIAA. All the activities proposed by the PP or prescribed by the SEIAA-WB shall be part of the Environment Management Plan.
20. As a part of the rainwater harvesting scheme, it has been proposed to undertake ground water recharging in a staggered fashion. In order to ascertain that such recharges are effective it is recommended that the recharge be made to aquifers in medium-to-coarse-sand layers. The strainers can also be placed in fine sand, if and only if, medium-to-coarse-sand layers are not available and an appropriate strainer is chosen. As envisaged in para (j) above appropriate lithology(s) showing sub-surface profile may be of immense help. From the drawing, no recharging should be done above 120m below ground level. Recharge well should be in the green area and suitably spaced.
21. Conservation scheme for the endangered animals should be proposed.
22. Embankment of the waterbody should be properly protected and maintained- an undertaking should be given.
23. Measures for water conservation should be highlighted.
24. Access/ facilities for the differently able people should be provided especially to the common facilities like club or commercial area.

25. While designing the hospital and commercial complex, depth of the basement should be specified and its impact on the groundwater flow should be examined.

26. Disaster Management Plan.

- The PP uploaded their reply in PARIVESH Portal on 09.08.2022.
- The SEAC scrutinized the documents submitted by the PP in the 49th SEAC meeting held on 24.08.2022. After careful consideration and detailed deliberation, the committee noted that the latest documents / clearances for the present expansion proposal should have been uploaded in the “PARIVESH” portal. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the “PARIVESH” portal by the PP for further consideration –
 - a) Clearance from the WBF&ES as mentioned in the sanction plan issued by NKDA on 28.10.2021.
 - b) Clearance from the Airport Authority of India.
 - c) Building permit for the sanction plan issued in 2021.
 - d) Development Agreement & Power of Attorney.
 - e) Comparative statement of the salient features of the project for the EC issued, the present proposal for expansion and the total project after expansion.
 - f) In the EC issued vide No. EN/393/T-II-1/167/2007 dated 22.02.2008 the proposed waterbody is 3310 sqm (0.55% of Land Area). However, in the present proposal the waterbody area is given as 2,000.13 sq.m (0.33% of Land Area). Reasons for decrease in area of the waterbody to be submitted.
 - g) Provide all the following documents related to High Rise Building as per MoEF&CC, vide No. 21-270/2008-IA.III dated 07.02.2012:
 - i. Microclimate (sunshine & shadow analysis and its effect on energy consumption).
 - ii. Air circulation (effect on natural ventilation and wind speed).
 - iii. Day lighting (how dependence on artificial lighting during daytime is affected).
 - h) Certified compliance report from the competent authority as per O.M. issued by the MoEF&CC dated 08.06.2022.
 - i) A comprehensive conservation plan to protect the scheduled I species found in the study area may be prepared in consultation with Forest officials/Wild life experts and to get it authenticated by PCCF/Wildlife or Chief Wild Life Warden of the state.

The PP was also requested to deposit one time processing fee as per Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Dept. of Environment, GoWB and upload the paid challan in the PARIVESH Portal. Notification and details can be accessed in the link <http://environmentwb.gov.in/pdf/Notification>.

- The project proponent submitted their reply on 15.02.2023 which was considered in the 67th SEAC meeting held on 22.02.2023.
- The SEAC scrutinized the documents submitted by the PP in the 67th SEAC meeting held on 22.02.2023 and observed that the PP has not uploaded the Certified Compliance Report from MoEF&CC in the PARIVESH portal. The PP is required to upload the same.

- Also, the committee recommended that an inspection of the project site should be conducted by SEAC to assess the present status of the project.
- The PP had submitted reply on 03.03.2023 in PARIVESH Portal.
- An inspection of the project site was conducted by SEAC on 01.04.2023.
- The reply of the project proponent dated 03.03.2023 and the report of inspection dated 01.04.2023 was considered by the SEAC in the 74th meeting held on 12.04.2023.
- Based on the inspection report dated 01.04.2023 and the submission made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the “PARIVESH” portal by the PP for further consideration -
 - a) The proposed expansion and modification project may exclude the upcoming commercial buildings and hospital. Separate EC clearance may be sought for these areas as and when construction of commercial buildings and hospital are proposed to be taken up. As such, the information provided in the EC application, in respect of areas etc., should accordingly be revised.
 - b) EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted.
- The PP uploaded their reply in PARIVESH Portal on 26.06.2023, which was considered in the 6th meeting of SEAC, WB (2023-2026) held on 05.07.2023.

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 the PP should develop a butterfly garden in the project premises and may undertake conservation activity for marsh mongoose / otter (*lutra lutra*) in consultation with PCCF, Wild Life.

Table-1 : List of the projects which were placed before the SEAC, WB (2023-2026) in the sixth meeting held on 05.07.2023 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 (Violation)		
1.1.1) Construction Sector		
I.	M/s. Fort Builders Proposed expansion cum modification of Housing Complex “VERDE” at Premises No. - 37, Panditiya Road, Ward - 85, Borough - VIII, Kolkata - 700 029, West Bengal. (Violation Case) (Proposal No.: SIA/WB/INFRA2/432998/2023)	Recommended for Terms of Reference under violation category.

1.2) Environmental Clearance		
1.2.1) Construction Sector (Violation)		
I.	<p>M/s. West Bengal Infrastructure Development Finance Corporation Ltd.</p> <p>Proposed Residential Project of “Sankalpa- III” at Premises No. - 23 MAR-CA/12 to CA/17, Action Area-1, New Town, Dist. - North 24 Parganas, Kolkata – 700156, West Bengal. (Violation Case)</p> <p>(Proposal No. SIA/WB/MIS/293146/2022)</p>	Additional Details Sought
1.3) Environmental Clearance		
1.3.1) Industry Sector		
I.	<p>M/s. Medicare Environmental Management Private Limited.</p> <p>Proposed expansion of existing Common Bio-Medical Waste Treatment Facility from 7.5 TPD to 15 TPD at K-26, Phase-III, Kalyani Industrial Growth Centre, Kalyani P.S. & P.O., Nadia District, West Bengal.</p> <p>(Proposal No. SIA/WB/INFRA2/406141/2022)</p>	Additional Details Sought
2. Reconsideration		
2.1) Terms of Reference		
2.1.1) Mining of Minerals		
I.	<p>M/s. West Bengal Mineral Development and Trading Corporation Limited</p> <p>Proposed MIN_BNK_57 Sand Mine over an area of 9.21 ha (22.74 Acres) on the Dwarakeswar River at Mouza: Sonatapol, J.L. No.: 75, Plot No.: 1, P.S. & Block - Onda, District: Bankura, West Bengal.</p> <p>(Proposal No. SIA/WB/MIN/426845/2023)</p>	Recommended for Terms of Reference
II.	<p>M/s. West Bengal Mineral Development and Trading Corporation Limited</p> <p>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.</p> <p>(Proposal No. SIA/WB/MIN/418899/2023)</p>	Additional Details Sought
III.	<p>Shri Shyamal Singha Roy</p> <p>Proposed Hatsimul Sand Mine 4.10 Hectare (10.12 Acres) on River Damodar at Plot No: 1171, 1649, 1684 & Ors., J.L. No.-81, Mouza: Hatsimul, P.S. Burdwan, District: Purba Bardhaman, West Bengal.</p> <p>(Proposal No. SIA/WB/MIN/73033/2022)</p>	Recommended for Terms of Reference

2.2) Environmental Clearance		
2.2.1) Mining of Minerals		
I.	<p>M/s. West Bengal Mineral Development and Trading Corporation Limited</p> <p>Proposed Gangarampur Sand Mine (MIN_DD_27) over an area of 2.94 ha (7.26 acres) on the Punarbhava River at J. L. No. – 28, Plot No. 3499, Mouza – Kathalhat Hossenpur, PS – Gangarampur, District – Dakshin Dinajpur, West Bengal.</p> <p>(Proposal No. SIA/WB/MIN/431888/2023)</p>	Recommended for Environmental Clearance
II.	<p>Shri Santosh Singh</p> <p>Proposed Nimai Riverbed Sand & Stone Mine over an area of 2.70 ha (6.67 Acres) on Balason River J.L. No. 57, Plot No. 289(P), 290(P), 315(P), 321(P), 322(P), LR Plot No. 464-466(P), 510-512(P), Mouza-Nimai, P.S. Matigara, Dist - Darjeeling, State West Bengal.</p> <p>(Proposal No. SIA/WB/MIN/423510/2023)</p>	Additional Details Sought
2.3) Environmental Clearance		
2.3.1) Mining of Minerals		
I.	<p>M/s. Bengal Shapoorji Housing Development Private Limited</p> <p>Proposed Modification and Expansion of an ongoing Mass Housing Project "SHUKHOBRI SHTI" at Plot Nos. - E/1, E/2, Action Area III, Mouza – Patharghata, New Town, Rajarhat, Dist. – 24 Pgs (N), Kolkata – 700156, West Bengal.</p> <p>(Proposal No. SIA/WB/MIS/70155/2020)</p>	Recommended for 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/-

(Shri Shubhendu Bandyopadhyay)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Aniruddha Mukhopadhyay)

Member

State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Rajesh Kumar, IPS)

Secretary

State Expert Appraisal Committee, West Bengal

Annexure – 1

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

I, _____ (name) 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, and I do hereby solemnly declare and state as follows:

- 1) THAT M/s. _____ (Organization Name) are the project proponent in respect of the _____ (Project Name).
- 2) AND THAT M/s. _____ has constructed _____ square metre of built-up area at premises no. _____.
- 3) AND THAT in terms of EIA Notification 2006 and amendments made thereto, the above project requires prior environmental clearance from the State Environment Impact Assessment Authority, West Bengal, before any construction work, or preparation of land by the project management (except for securing the land) is started on the project.
- 4) AND THAT M/s. _____ has failed to get prior environmental clearance as per statutory provisions of EIA Notification, 2006, due to the reasons mentioned below: (please mentioned the reasons) –
 - i.
 - ii.
 - iii.
 - iv.
- 5) AND THAT M/s. _____ has applied in prescribed form(s) for obtaining necessary Terms of Reference/ Environmental Clearance as per the EIA Notification, 2006 and its amendments issued by the Ministry of Environment, Forest and Climate Change (hereinafter referred to as MoEFCC) and the Standard Operating Procedure (SoP) issued by MoEFCC vide its OM dated 07.07.2021, which was upheld by hon'ble Supreme Court vide its order dated 09.12.2021 (MoEFCC O.M. No.22-21/2020-IA.III[E 138949] dated 28.01.2022).
- 6) NOW I, on behalf of the Project Proponent, undertake the following.
 - a) THAT the project proponent shall comply with all statutory requirements/ norms for obtaining Environmental Clearance for the project;
 - b) AND THAT the project shall obtain all necessary permissions/ licences/ clearances from the Government Departments/ Authorities concerned and shall submit proofs of such compliances before the State Level Appraisal Committee, West Bengal;
 - c) AND THAT the Project Proponent shall 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 and all expenses to be incurred for taking such measures shall be met by the project proponent.
- 7) AND NOW I, on behalf of the Project Proponent, also undertake not to repeat such violation in future, and that in case of any further violation, the Terms of Reference issued or the Environmental Clearance granted shall be liable to be terminated.

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

DEPONENT

ANNEXURE – 2

A planting prescription for this particular CBWTF for removal of pollutants etc.

Objectives:

1. To create a stratified greenbelt which would serve as an effective sink for gaseous pollutants and a sieve for suspended particulate materials
2. To buffer noise and heat
3. Trees also absorb odours and act as a filter as little particulates get trapped in leaves.
4. Fallen tree leaves lower reduce soil temperature and prevent soil from losing too much moisture. Decaying leaves that fall onto the ground turn into nutrients for tree growth and promote microorganism development.
5. Strategically planting trees around this unit can have tremendous benefits on the environment.

Total area of this CBWTF is 1.43 acres, 33% of which will be required for green belt development i.e. 0.4719 acres or 0.1910 ha or say 0.2 ha

On considering 2500 nos. of trees per ha, this CBWTF area will require 500 trees for raising greeneries around the unit.

Specie to be used for erection of a stratified green belt -

Scope	Name of the tree to be planted	Botanical Name	Utility	No of trees
Along periphery	Jamun	Sizygium cumini	Effective in absorbing sulphur di oxide	30
Along periphery	Tentul	Tamarindus indica	Capable of cleaning dust from the atmosphere	30
Along periphery	Teak	Tectona grandis	Can absorb SPM from the atmosphere	40
Middle row	Neem	Azadirachta indicca	Air purifier can remove lead from the atmosphere	100
Middle row	Kanchan	Bauhinia variegata	Can effectively remove lead from the atmosphere	100
Middle row	Palash	Butea monosperma	Can effectively remove dust from the atmosphere	50
Middle row	Silver oak	Grevillea robusta	Can effectively remove dust from the atmosphere	50
Front row	Ashok	Saraca indica	Effective sink of CO ₂ and other gaseous pollutants	70
Front row	Firebrush	Hamelia patens	Effective sink of CO ₂ and other gaseous pollutants	30

Top canopy plants along periphery.....100 nos

Middle storey plant.....300 nos

Lower strata plants.....100 nos

Prescription for a model plantation:

Items of works	Nos/rmt	Time
A)ADVANCE SOIL WORKS		
1 Digging big pits of size 60+45/2*45*45 in cms along the periphery at a spacing of 3.0 mtr	100	Feb-March

2. Digging small pits of size 45+30/2*45*45 in cms at a spacing of 2.0mtr	400	Feb-March
B) Planting Operations		
1) Sowing seeds of Akashmoni seeds	500 rmt	June
2) Collection of dry cow dung manure or compost manure including pulverizing and mixing with dug up earth of pits and filling up the pits	500 nos	June
3) Planting the seedlings in the pits by making a crowbar hole after removal of poly pots/hycopots ,at the onset of rains including collection and carriage of the seedlings from the nursery	500	June-August
4) In filling vacancies by beating up casualties	100	August
5) 1 st Mulching with Fertilizer N.P.K(10:26:26) around the seedlings after a fortnight from the date of planting	500	Aug-Sept
6) 2 nd Mulching around the plant	500	Sept -Oct
7) 3 rd Mulching around the plant	500	Dec-Jan next
8) Watch and ward	500	July -March next
Maintenance 1st year		
1) Watch and ward	500	To be continued for the next fin. Year
2) In filling vacancies with onset of rains including collection of seedlings	200	July next
3) Mulching 1 st around the seedlings	500	Aug next
4) Mulching 2 nd around the seedlings	500	Oct next
Maintenance 2nd year		
1) Watch and ward	500	To be continued for next to next five year
2) Mulching 1 st around the seedlings	500	Sept
Maintenance 3rd year		
1) Watch and ward	500	For the entire 3 rd year of planting