

Minutes of the seventy fifth meeting of the State Level Expert Appraisal Committee, West Bengal held on April 19, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.

The 75th meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal was held on 19.04.2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhan Nagar. The following members participated:

1)	Dr. Rajesh Kumar, IPS	Secretary, SEAC	Present
2)	Dr. Ashit Kumar Mukherjee	Chairman, SEAC	Present
3)	Dr. Nilangshu Bhusan Basu	Member, SEAC	Present
4)	Prof. (Dr.) Anirban Gupta	Member, SEAC	Present through VC
5)	Prof. (Dr.) Sampa Chakrabarti	Member, SEAC	Present
6)	Prof. (Dr.) Suchandra Bardhan	Member, SEAC	Present
7)	Prof. (Dr.) Goutam Kumar Saha	Member, SEAC	Present
8)	Prof. (Dr.) Pradip Kumar Sikdar	Member, SEAC	Present
9)	Prof. (Dr.) Aniruddha Mukhopadhyay	Member, SEAC	Present
10)	Prof. (Dr.) Indranath Sinha	Member, SEAC	Present
11)	Shri Shubhendu Bandyopadhyay	Member, SEAC	Present

1) TECHNICAL PRESENTATIONS:-

1.1) For Environmental Clearance

1.1.1) Construction Sector :

- I. **Proposed Residential Complex - “Ganga Greens” at 19, G.T. Road, Bhadrakali, Uttarpara-Kotrung Municipality, Ward No. - 9, PS – Uttarpara, Dist. – Hooghly, Pin - 712232, West Bengal (Violation Case).**

Proposal No.	SIA/WB/INFRA2/423978/2023
Project Proponent -	Shri Ajay Banerjee, Sanjay Banerjee, Malay Banerjee.
Environmental Consultant -	M/s. Ultra-Tech.

Activity:

- This is a proposal for Residential Complex - “GANGA GREENS” comprising of 4 Blocks : A, B, E, F – B+G+9 storied and 2 Blocks : C, D – B+G+7 storied with commercial club over the land of 11,158.69 sqm. Total built-up area of the project 38,257.12 sqm. (Actual Built-up Area as per Completion Certificate) comprising of 272 Nos. (2BHK – 96, 3 BHK-176) residential flats.

Salient Features of the project :

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

	Stipulated Conditions for Environmental Clearance (EC) Issued by SEIAA, Vide Memo No: EN/33/T-II-1/110/2011 on 03.01.2013	As per Completion Plan received	Constructed part (till date)
Land area	11,158.69 Sqm	11,158.69 Sqm	11,158.69 Sqm
Building Profile	6 Blocks – B+G+7 with banquet/club and hall	4 Blocks (A,B,E,F – B+G+9) 2 Blocks (C, D – B+G+7) with commercial, club.	4 Blocks (A,B,E,F – B+G+9)
No of flats	224 Nos.	272 Nos. (2BHK – 96, 3 BHK- 176)	232 Nos
Population	1150 (1,120 Nos – Residential, 30 Nos - Services)	1,569 Nos (fixed) 454 Nos (floating) 16 Nos (services)	1345 Nos (fixed) 431 Nos (floating) 13 Nos (services)
Total Water Required	207.15 kLD (Operation stage)	220 kLD	193 kLD
Freshwater Required	118.60 kLD (Municipality Supply)	158 KLD (Municipality Supply)	137 kLD
Wastewater Generation	135.48 kLD	159 kLD	137 kLD
Treated Water Recycled	88.6 kLD	62 kLD	56 kLD
Quantity of Treated Wastewater discharge	46.88 kLD	97 kLD	81 kLD
Solid Waste disposal	0.68 tonnes per day	765 kg/day	660 kg/day
Total Built-up Area	32912.16 sqm	38,257.12sqm (Actual Built-up Area as per Completion Certificate)	32574.76 sqm
Ground Coverage	4,183.39 Sqm (37.49%)	4,453.31 Sqm (39.91%)	--
Tree Area	2,273.40 Sqm (20.37%)	2237.09Sqm (20.05%)	--
Other Green Area	1,599.04 Sqm (14.33%)	746.08Sqm (6.69%)	--
Paved Area (Steps & garbage area)	56.52 sqm (0.5%)	--	--
Hard Area/Road Area	2255.63 Sqm (20.21%)	2,968.66Sqm (26.60%)	--
Semi Paved Area	793.38 Sqm (7.11%)	298.46Sqm (2.67%)	--
Services Area	--	455.09Sqm (4.08%)	--
Softscape Area	4,269.13 Sqm (38.25%)	--	--

	Stipulated Conditions for Environmental Clearance (EC) Issued by SEIAA, Vide Memo No: EN/33/T-II-1/110/2011 on 03.01.2013	As per Completion Plan received	Constructed part (till date)
Hardscape Area	2,708.84 Sqm (24.27%)	--	--
No. Of Parking Spaces proposed	203 Nos	205 Nos	--
Total Nos of trees provided	190	185	
Electricity Demand	360 kVA	1000 kVA	
Source of Electricity	CESC	CESC	
No. of DG Sets	1 No. of 500 kVA	1 No. of 750 kVA	
Total project cost (Rs.) in lakhs	Rs.34,67,97,205.00		Rs.40,31,64,043.00

Chronology of the Events:

- The PP applied (Proposal No. SIA/WB/NCP/22954/2018) and uploaded the application in the PARIVESH portal on 06.06.2018 under violation category and presented their ToR proposal in the 159th SEAC meeting held on 30.07.2018.
- An inspection was conducted on 25.08.2021 to the project site. It was observed that the PP has completed the construction of 4 residential blocks namely A, B, E & F, each having B+G+9 stories. The construction of the remaining 2 blocks namely C & D, proposed as B+G+7 storied each, are yet to be started. People have started living in the already constructed 4 towers. However, the PP could not produce the authenticated documents regarding the already constructed built up area of the project.
- The SEAC recommended the proposed project for issue of Terms of Reference under violation category in the 49th meeting held on 24.08.2022.
- The PP had obtained Terms of References (TORs) issued by SEIAA, West Bengal vide No. 2032/EN/T-II-1/040/2018 dated 29.09.2022.
- The PP applied in prescribed format for EC and uploaded final EIA report in the PARIVESH portal on 30.03.2023.
- The PP was called for the EC presentation in the 75th SEAC meeting held on 19.04.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - i) Documents certified by the Chartered Accountant for the total project cost compared to the cost incurred till the date of submission of the EC application along with EIA/EMP.

- ii) Statements regarding gross turn-over till the date of submission of EC application to be certified by Chartered Accountant.
- iii) Complete land documents along with mutation and conversion in the name of project proponent. A summary of the land schedule is also to be submitted.
- iv) NOC from Airport Authority of India.
- v) The NOC from the Fire Department mentions the address of the premises as '19, G.T. Road, Bhadrakali under Uttarpara Kotrang Municipality' while the KoPT clearance specifies the premises as '19B, G. T. Road'. Necessary clarification should be provided.
- vi) NOC from the Fire department for the proposed expansion i.e. blocks C & D with commercial, club to be submitted. The current NOC is a 'Part fire safety certificate for the existing construction'.
- vii) From the documents submitted by the PP it is observed that conversion has been obtained for 6.179 acres, whereas the land area of the project is 11,158.69 Sqm. Also it is observed that some of the plots are classified as 'doba', 'pukur', 'foreshore', 'jangan', 'path' etc. which are yet to be converted.
- viii) It should be confirmed/ undertaken by the PP that without the paved corridor, as required by the KoPT, the plantation area will be at least 20%.
- ix) A detailed traffic and transportation study for existing and proposed project should be submitted.
- x) An emergency preparedness and response plan should be submitted
- xi) Water meters with totalisers shall be provided at freshwater inlets, ETP discharge points and at recycling lines. Discharge points of the treated wastewater should be marked in the plan.
- xii) Paving of roads in concurrence with the recommendation of KoPT.
- xiii) Subsurface lithology and Impact of basement on groundwater flow. Piezometer should be installed to monitor the influence of recharge and tidal flow.
- xiv) Arsenic concentration of all the groundwater samples needs to be provided.
- xv) Provide all the following documents related to High Rise Building as per MoEF&CC, vide No. 21-270/2008-IA.III dated 07.02.2012:
 - a. Microclimate (sunshine & shadow analysis and its effect on energy consumption).
 - b. Air circulation (effect on natural ventilation and wind speed).
 - c. Day lighting (how dependence on artificial lighting during daytime is affected).
- xvi) Detailed plan of solar power plant generation including PV array for atleast 1% of the connected load should be submitted. Area of rooftop provided to be shown in the plan.
- xvii) Air quality, water quality – relative weightage as submitted in the EIA report to be modified.
- xviii) Treatment of the waste water generated is being done by anaerobic bio reactor. Comparison of the treatment efficiency with extended aeration / aerobic process. Specific advantages of this technology over the other equivalent conventional technologies should be mentioned.
- xix) A drawing of the site's longitudinal section through basement, central void space and the river embankment to be submitted.

- xx) Plan and flowsheet for distributing rainwater to the harvesting reservoir (existing waterbody) and recharge structures. Regular monitoring of the underground water level by constructing a piezometer is necessary for examining the efficacy of recharge
- xxi) Bank / shore protection plan.
- xxii) Names of the beneficiary and consents from them should be indicated alongwith respective budgetary estimates.
- xxiii) Flood protection plan considering the highest recorded water level.
- xxiv) The PP shall install the following :-
 - a. Solar smart meter for recording generation.
 - b. Smart flow water meter with totalizer at inlet for fresh water, for inlet, recycle and discharge of wastewater/ treated wastewater with provision for water quality monitoring at all such points.
 - c. Sensor based water quality management system. Data for inlet and discharge water quality of STP should be recorded. Water for swimming pool should be regularly treated and to be analysed.
 - d. Charging points for e-vehicles.
 - e. 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.
 - f. Ambient noise quality monitoring station.
 - g. Water quality analysis for the waterbodies is required. Waterbodies and their embankments should be maintained as per applicable guidelines. Plan in this regard should be provided.
 - h. Reflecting paints may be used on the side walls for cooling effect and to provide comfort to the community members.
 - i. Use of glass may be reduced by upto 40% to reduce electricity consumption and load on air conditioning.
- xxv) The PP should submit a compliance report based on the notification issued by SEIAA vide no. 2495/EN-T-II-I/011/2018 dated 17.12.2019.

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

Once replies on the above queries are submitted through "PARIVESH" portal, the SEAC will further consider the case.

1.1.2) Mining of Minerals :

- I. **Proposed Riverbed Sand Mining (MIN_BNK_02) over an area of 14.14 ha / 34.95 Acres on the Damodar River at JL No-36, Plot No- 657, Mouza - Mejia, Gopalgana & Telengana, P.S.- Mejia, Block- Mejia, District-Bankura, West Bengal.**

Proposal No.

SIA/WB/MIN/424789/2023

Project Proponent -

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

Environmental Consultant -

M/s. RSP Green Development & Laboratories
Pvt. Ltd.

Activities:

- This is a proposal for riverbed sand mining of MIN_BNK_02 Sand Mine over an area of 14.14 ha / 34.95 Acres on the Damodar River at JL No-36, Plot No- 657, Mouza - Mejia, Gopalgana & Telengana, P.S.- Mejia, Block- Mejia, District-Bankura, 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 21.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 1491350.4 m³ of sand and geological reserve of 1669651.2 m³.
- 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 04.04.2023.
- The PP was called for the ToR presentation in the 75th SEAC meeting held on 19.04.2023.

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) **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. But it was observed that the grant order uploaded did not contain the annexure specifying the geo-coordinates of the plot. Moreover, undertaking regarding the need based activity from the PP along with other documents have not been uploaded. Therefore, the SEAC recommended that the following submissions / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-

- 1) Grant order for the plot specifying the geo-coordinates.
- 2) 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.
- 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 toping 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 have high Air Pollution Tolerance Index (APTI) and be self-sustaining in that particular region.
- 6) Plan showing spatial distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
- 7) 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.

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.

II. Proposed Riverbed Sand Mining (MIN_BNK_03) over an area of 13.5 ha / 33.36 Acres on the Damodar River at Plot No. - 3449, JL No. - 37, Mouza – Mejia, Gopalganja & Telengana, P.S. - Mejia, Block - Mejia, Dist. - Bankura, West Bengal.

Proposal No.	SIA/WB/MIN/424823/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. RSP Green Development & Laboratories Pvt. Ltd.

Activities:

- This is a proposal for riverbed sand mining of MIN_BNK_03 Sand Mine over an area of 13.5 ha / 33.36 Acres on the Damodar River at Plot No. - 3449, JL No. - 37, Mouza – Mejia, Gopalganja & Telengana, P.S. - Mejia, Block - Mejia, Dist. - Bankura, 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 21.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the

PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 1392163.20 m³ of sand and geological reserve of 1594080 m³.

- 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 04.04.2023.
- The PP was called for the ToR presentation in the 75th SEAC meeting held on 19.04.2023.

SEAC Observations and Recommendations:

- 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 **does not fall entirely within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. It was further observed that the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan does not match with those mentioned in the Non-Cluster Certificate. Also, the grant order uploaded did not contain the annexure specifying the geo-coordinates of the plot. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Modified Mining Plan with Progressive Mine Closure Plan in accordance with the Non-Cluster Certificate from the competent authority.
 - 2) Grant order for the plot specifying the geo-coordinates.
 - 3) 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.
 - 4) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 5) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 6) 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 have high Air Pollution Tolerance Index (APTI) and be self-sustaining in that particular region.

- 7) Plan showing spatial distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
- 8) 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.

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 Riverbed Sand Mining (MIN_BNK_04) over an area of 15.93 ha / 39.37 Acres on the Damodar River at JL No. - 37 & 60, Plot No. - 3449 & 1208, Mouza - Mejia, Gopalgana & Telengana, P.S. - Mejia, Block - Mejia, District - Bankura, West Bengal.

Proposal No.	SIA/WB/MIN/424918/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. RSP Green Development & Laboratories Pvt. Ltd.

Activities:

- This is a proposal for riverbed sand mining of MIN_BNK_04 Sand Mine over an area of 15.93 ha / 39.37 Acres on the Damodar River at JL No. - 37 & 60, Plot No. - 3449 & 1208, Mouza - Mejia, Gopalgana & Telengana, P.S. - Mejia, Block - Mejia, District - Bankura, 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 21.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 1738137.60 m³ of sand and geological reserve of 1881014 m³.
- 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 05.04.2023.
- The PP was called for the ToR presentation in the 75th SEAC meeting held on 19.04.2023.

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 Bankura district. But it was observed that the grant order uploaded did not contain the annexure specifying the geo-coordinates of the plot. Moreover, undertaking regarding the need based activity from the PP along with other documents have not been uploaded. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Grant order for the plot specifying the geo-coordinates.
 - 2) 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.
 - 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 toping 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 have high Air Pollution Tolerance Index (APTI) and be self-sustaining in that particular region.
 - 6) Plan showing spatial distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
 - 7) 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.

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 Riverbed Sand Mining (MIN_BNK_52) over an area of 8.71 ha / 21.53 Acres on the Dwarakeswar River at JL No. - 42, Plot No. – 541(P), 1796(P), 1967(P), 1966(P), 1787(P), 1772, 1771, 1770, 1769, 1768, 1767, 1766, 1765, 1760(P), 1761(P), 1764(P), 1777, 1778, 1773, 1774, 1775, 1776, Mouza - Pantrai, P.S. - Indas, Block - Indas, District-Bankura, West Bengal.**

Proposal No.	SIA/WB/MIN/424978/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. RSP Green Development & Laboratories Pvt. Ltd.

Activities:

- This is a proposal for riverbed sand mining of MIN_BNK_52 Sand Mine over an area of 8.71 ha / 21.53 Acres on the Dwarakeswar River at JL No. - 42, Plot No. – 541(P), 1796(P), 1967(P), 1966(P), 1787(P), 1772, 1771, 1770, 1769, 1768, 1767, 1766, 1765, 1760(P), 1761(P), 1764(P), 1777, 1778, 1773, 1774, 1775, 1776, Mouza - Pantrai, P.S. - Indas, Block - Indas, District-Bankura, 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 21.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 734784 m³ of sand and geological reserve of 898897 m³.
- 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 30.03.2023.
- The PP was called for the ToR presentation in the 75th SEAC meeting held on 19.04.2023.

SEAC Observations and Recommendations:

- 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 **does not fall entirely within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. It is observed that the geo-coordinates mentioned in the approved

Mining Plan with Progressive Mine Closure Plan does not match with the Non-Cluster Certificate. Also, the grant order uploaded did not contain the annexure specifying the geo-coordinates of the plot. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-

- 1) Modified Mining Plan with Progressive Mine Closure Plan in accordance with the Non-Cluster Certificate from the competent authority.
- 2) Grant order for the plot specifying the geo-coordinates.
- 3) 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.
- 4) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
- 5) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
- 6) 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.
- 7) Plan showing spatial distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s
- 8) 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.

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 MIN_BNK_23 Sand Mine over an area of 8.25 ha / 20.38 Acres on Dwarakeswar River at J.L. No: - 141 & 192, Plot No: - 93 & 709, Mouza: - Sabanpur & Gamidya, P.S. - Patrasayer, District: Bankura, West Bengal.**

Proposal No.

SIA/WB/MIN/424773/2023

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 riverbed sand mining of MIN_BNK_23 Sand Mine over an area of 8.25 ha / 20.38 Acres on Dwarakeswar River at J.L. No: - 141 & 192, Plot No: - 93 & 709, Mouza: - Sabanpur & Gamidya, P.S. - Patrasayer, District: Bankura, 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 21.02.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 804960 m³ of sand and geological reserve of 1021680 m³.
- 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 06.04.2023.
- The PP was called for the ToR presentation in the 75th SEAC meeting held on 19.04.2023.

SEAC Observations and Recommendations:

- 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, it is observed that the geo-coordinates of the plot mentioned in the Non-Cluster Certificate is not matching with those mentioned in the Grant Order.
- Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Modified Non-Cluster Certificate in line with the Grant Order.
 - 2) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 3) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 4) 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.

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

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

VI. Proposed WB_APD_KAJ_A_15 Sand Mine over an area of 5.68 ha on the Kaljani River at Block: - Kalchini, P.S. - Kalchini, District: - Alipurduar, West Bengal.

Proposal No.	SIA/WB/MIN/422317/2023
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 riverbed sand mining of WB_APD_KAJ_A_15 Sand Mine over an area of 5.68 ha on the Kaljani River at Block: - Kalchini, P.S. - Kalchini, District: - Alipurduar, 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 10.02.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 561156 m³ of sand and geological reserve of 688416 m³.
- 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 06.04.2023.
- The PP was called for the ToR presentation in the 75th SEAC meeting held on 19.04.2023.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the committee observed that the plot area for the proposed project as per the geo-coordinates mentioned in the approved Mining cum Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Alipurduar 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 distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
 5. It appears that the proposed mine falls within 10 km from the periphery of a National Park/ Sanctuary/ Eco-Sensitive Zone/ Protected Area. As such the PP shall, – in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004, obtain a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL) and upload a copy of the same.
 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 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.
 8. Management plan of haul road to the public road.
 9. Spatial year wise progressive plantation programme.

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.

1.2) For Environmental Clearance

1.2.1) Mining of Minerals :

- I. **Proposed Jamsole Sand Block MSB-62 over an area of 3.50 ha / 8.65 Acres on the Kangshabati River at J.L. No. 137, Plot No. 323 (p), Village - Jamsole, Mouza – Jamsole Block – Medinipur Sadar, Police Station – Medinipur, District – Paschim Medinipur, Pin – 721 133, West Bengal.**

Proposal No.	SIA/WB/MIN/262373/2022
Project Proponent -	Smt. Tanushree Ghosh.
Environmental Consultant -	M/s. Crystal Consultants.

Activities:

- This is a proposal for riverbed sand mining of MSB-62 Sand Block over an area of 3.50 ha / 8.65 Acres on the Kangshabati River at J.L. No. 137, Plot No. 323 (p), Village - Jamsole, Mouza – Jamsole Block – Medinipur Sadar, Police Station – Medinipur, District – Paschim Medinipur, Pin – 721 133, 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 17.03.2021 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 28500 m³ and geological reserve of 52500 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.
- 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 the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 11.04.2023.
- The PP was called for the EC presentation in the 75th SEAC meeting held on 19.04.2023.

SEAC Observations and Recommendations:

- 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 Mine Plan & Progressive Mine Closure Plan **does not fall within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Medinipur district. Also, the PP has not uploaded valid Lol and cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

II. Proposed Giria Sand Block RAG 1 over an area of 0.14 ha / 0.35 Acres on the Bhagirathi / Padma River at J.L. No. 35, Plot No. 4477 (p), Village - Giria, Mouza – Giria, Block – Raghunathganj - II, District – Murshidabad, West Bengal.

Proposal No.	SIA/WB/MIN/265297/2022
Project Proponent -	Fazaruddin Mondal.
Environmental Consultant -	M/s. Crystal Consultants.

Activities:

- This is a proposal for riverbed sand mining at the RAG 1 sand block over an area of 0.14 ha / 0.35 Acres on the Bhagirathi / Padma River at J.L. No. 35, Plot No. 4477 (p), Village - Giria, Mouza – Giria, Block – Raghunathganj - II, District – Murshidabad, 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 05.02.2018 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 3360 m³ per annum and total geological reserve is 4200 m³ per annum.
- 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.
- 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 the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 11.04.2023.
- The PP was called for the EC presentation in the 75th SEAC meeting held on 29.03.2023 and the PP presented their proposal in this meeting.

SEAC Observations and Recommendations:

- 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 Murshidabad district. However, it is noted that the 'Mining Plan with Progressive Mine Closure Plan' is not valid. The accredited consultant submitted that the above mentioned mining plan is not in conformity with the approved DSR. Also, the PP has not uploaded valid Lol and cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

III. Proposed Char Molladanga Sand Block BHAG 1 over an area of 0.52 ha / 1.29 Acres on the Bhairab River at J.L. No. 125, Plot No. 1269 (p), Village - Char Molladanga, Mouza – Char Molladanga, Block – Bhagwangola - II, District – Murshidabad, West Bengal.

Proposal No.	SIA/WB/MIN/262446/2022
Project Proponent -	Rakibul Hoque.
Environmental Consultant -	M/s. Crystal Consultants.

Activities:

- This is a proposal for riverbed sand mining of BHAG 1 Sand Block over an area of 0.52 ha / 1.29 Acres on the Bhairab River at J.L. No. 125, Plot No. 1269 (p), Village - Char Molladanga, Mouza – Char Molladanga, Block – Bhagwangola - II, District – Murshidabad, 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 16.08.2018 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 4189 m3 and geological reserve of 15600 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.
- 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 the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 11.04.2023.
- The PP was called for the EC presentation in the 75th SEAC meeting held on 19.04.2023.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that **a portion of the plot area** for the proposed project (geo-coordinates) as reported in the approved Mine Plan & Progressive Mine Closure Plan **does not fall within the potential mining zone** recorded in the approved District Survey Report (DSR) of Murshidabad district. Also, the PP has not uploaded valid Lol and cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered. However, the PP may approach with revised and approved Mine Plan for the revised area with Progressive Mine Closure Plan, revised Lol from the Competent Authority and other mandatory documents mentioning that the project area falls within the potential zone of the approved DSR of Murshidabad district.

IV. Proposed Garhbeta Sand Block MGARB-29 over an area of 0.96 ha / 2.36 Acres on the Silabati River at J.L. No. 406, Plot No. 1255 (p), 1256 (p), 1257 (p), 1258 (p), 1259 (p), 1261 (p), 1263 (p) & 1416 (p), Village - Suniakon, Mouza – Suniakon, Block – Garhbeta, Police Station – Garhbeta, District – Paschim Medinipur, West Bengal.

Proposal No.	SIA/WB/MIN/262263/2022
Project Proponent -	Shri Prabhas Ghosh.
Environmental Consultant -	M/s. Crystal Consultants.

Activities:

- This is a proposal for riverbed sand mining of MGARB-29 Sand Block over an area of 0.96 ha / 2.36 Acres on the Silabati River at J.L. No. 406, Plot No. 1255 (p), 1256 (p), 1257 (p), 1258 (p), 1259 (p), 1261 (p), 1263 (p) & 1416 (p), Village - Suniakon, Mouza – Suniakon, Block – Garhbeta, Police Station – Garhbeta, District – Paschim Medinipur, 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 24.05.2019 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 8356 m³ and geological reserve of 19200 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.
- 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 the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 11.04.2023.
- The PP was called for the EC presentation in the 75th SEAC meeting held on 19.04.2023.

SEAC Observations and Recommendations:

- Based on the submission and presentation made by the PP, the SEAC observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mine Plan & Progressive Mine Closure Plan **falls totally outside the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Medinipur district. Also, the PP has not uploaded valid Lol and cluster certificate from the competent authority.
- The committee (SEAC), therefore, decided that the proposed project cannot be considered.

V. Proposed Uttar Chakoakheti Sand Mine (MIN_APD_20) over an area of 2.14 ha / 5.29 Acres on the Kaljani River at J. L. No. – 36, Plot No. 1723(p) & 1724(p), Mouza – Uttar Chakoakheti, Village – Uttar Chakoakheti, Police Station – Alipurduar, District – Alipurduar, West Bengal.

Proposal No.	SIA/WB/MIN/423327/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. Crystal Consultants.

Activities:

- This is a proposal for riverbed sand mining of MIN_APD_20 Sand Block over an area of 2.14 ha / 5.29 Acres on the Kaljani River at J. L. No. – 36, Plot No. 1723(p) & 1724(p), Mouza – Uttar Chakoakheti, Village – Uttar Chakoakheti, Police Station – Alipurduar, District – Alipurduar, 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 24.02.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Plan that there is total mineable sand reserve of 48555 m³ and geological reserve is 64200 m³.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689/ICE-12011(99)/68/2022-MINES Dated 30/11/2022 (**Annexure – 1**).
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded cluster certificate from the competent authority.
- The PP has submitted an undertaking regarding need based EMP (**Annexure – 2**).
- 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 the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 08.04.2023.
- The PP was called for the EC presentation in the 75th SEAC meeting held on 19.04.2023 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 Alipurduar 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) 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) It appears that the proposed mine falls within 10 km from the periphery of a National Park/ Sanctuary/ Eco-Sensitive Zone/Protected Area. As such the PP shall, – in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004, obtain a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL) before commencement of project activity.

VI. Proposed Jatamari Sand Mine (MIN_CB_13) over an area of 1.32 ha / 3.26 Acres on the Dharla River at J. L. No. – 12, Plot No. 2354 & 2355, Mouza – Jatamari, Village – Jatamari, Police Station – Sitalkuchi, District – Cooch Behar, West Bengal.

Proposal No.	SIA/WB/MIN/425389/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. Crystal Consultants.

Activities:

- This is a proposal for riverbed sand mining of MIN_CB_13 Sand Block over an area of 1.32 ha / 3.26 Acres on the Dharla River at J. L. No. – 12, Plot No. 2354 & 2355, Mouza – Jatamari, Village – Jatamari, Police Station – Sitalkuchi, District – Cooch Behar, 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

17.03.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Plan that there is total mineable sand reserve of 19769 m³ and geological reserve is 29040 m³.

- 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 (**Annexure – 3**).
- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded cluster certificate from the competent authority.
- The PP has submitted an undertaking regarding need based EMP (**Annexure – 4**).
- 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 the Events:

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 08.04.2023.
- The PP was called for the EC presentation in the 75th SEAC meeting held on 19.04.2023 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 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 Cooch Behar 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) 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.

2) Reconsideration Proposals :-

2.1) Environmental Clearance

2.1.1) Construction Sector :

- I. Proposed Expansion of Residential Complex “RISHI PRANAYA” at R.S. & L. R. Dag Nos. - 1061, 1062, 1063, 1064, 1065, 1067, 1074, 1075 (P), 1076, 1077, 1078, 1079, 1080,**

1081(P), 1082/1274, 1083, 1084, 1085/1275, 1086/1277, 1087/1276, 1088(P), Mouza Kalikapur. JL No. 40 within Gram Panchayat Patharghata, Police Station - Rajarhat, District - North 24 Parganas, West Bengal.

Proposal No. SIA/WB/INFRA2/412262/2022
Project Proponent - M/s. Rishinox Buildwell LLP.
Environmental Consultant - M/s. Ultra Tech.

Activity:

- This is a proposal for vertical expansion of 4 Tower having the building configuration will be LB+UB+G +23. Total Plot Area as per deed = 19995.56 SQM (1.999556 Ha). Built-up area = Existing: 57,792.575 Sq. M, Proposed: 4819.1905 Sq. M, Total BUA= 62,611.7655 Sq. M. Total no. of flats 543.

	Existing	Proposed
Building profile	Tower-1 : LB+UB+G+24 Tower-2 : LB+UB+G+24 Tower-3 : LB+UB+G+17 Tower-4 : LB+UB+G+18	Tower-1 : LB+UB+G+23 Tower-2 : LB+UB+G+23 Tower-3 : LB+UB+G+23 Tower-4 : LB+UB+G+23
Total built up area	57,792.58 sqm.	62,611.77 sqm.

Salient Features

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

Features	Existing proposal as per EC vide No. 2031/EN/T-II-1/085/2017 dated 16/10/2019	After Expansion (as per sanction plan)
Total Land area as per deed	19,995.56 Sqm	19995.56 sqm
Net land area after deducting of proposed 40m road widening	16,972.80 Sqm	16972.82 sqm (100%) (Net land area after deducting of proposed 40 road widening by HIDCO)
Block details	LB+UB+G+24 storied= 2 Nos. LB+UB+G+18 storied= 1 No. LB+UB+G+17 storied= 1 No.	Tower-1 : LB+UB+G+23 Tower-2 : LB+UB+G+23 Tower-3 : LB+UB+G+23 Tower-4 : LB+UB+G+23
No. of Flats	485 nos.	543 nos.
Total Population During Operation	Residential=2181 persons Floating=218 persons Service Staff=40 persons Total=2439 persons	Residential: 2985, Service 40, Floating 299, Total population 3324
Total Water requirement (as per NBC 2016)	342 kLD	350 kLD
Fresh Water requirement	200 kLD	177 kLD
Wastewater Generation	240 kLD (to be treated in STP)	249 kLD
Treated Wastewater generation	216 kLD	247 kLD (after 1% evaporation loss)
Treated Wastewater Recycled	136 kLD	173 kLD (to be used in landscaping, flushing and yard washing)
Wastewater Discharge	80 kLD (to panchayet drain)	74 kLD (after recycling)

Features	Existing proposal as per EC vide No. 2031/EN/T-II-1/085/2017 dated 16/10/2019	After Expansion (as per sanction plan)
Solid Waste Generation & discharge (operational phase)	1.25 Tonne/day (panchayet)	Total - 1377 kg/day (Biodegradable – 551 kg/day & Non-biodegradable - 826 kg/day)
Total Built-up area	57,792.58 Sq.m	62,611.7655 sqm.
Ground Coverage Area	6122.993 sq.m (30.62% of total land area) (36.08% of net land area)	6146.074 sqm (36.21% of net land area) and (30.74 of Total land area)
Service Area	360.86 sq.m (2.13% of net land area)	493.531 sqm (2.91% of Land Area)
Exclusive Tree plantation area	3447.36 sq.m (20.31% of net land area)	3447.267 sqm (20.31% of Land Area)
Other green area	183.41 sq.m (1.08% of net land area)	316.274 sqm (1.86% of Land Area)
Total Paved Area	4241.50 sq.m (24.99% of net land area)	3980.019 sqm (23.45% of Land Area)
Road Area	2578.34 sq.m (15.19% of net land area)	2589.650 sqm (15.26% of Land Area)
Peak Connected Load	1886.4 kW (WBSEDCL). At least 1% of total demand load to be met from	2270 kW Source: WBSEDCL
Solar power plant generated	At least 1% of total demand load to be met	22.70 KW(P) (1%) will be transferred to grid.
Parking Required	548 (Covered =425, Open=123)	<ul style="list-style-type: none"> • Required : 408 • Provided: 545+11 (extra for Two Wheeler)
Total no. of trees	200 nos.	330 nos.
D.G. Sets for Back Up power	(1x500 kVA+1x250kVA) D.G set)	4x200 kVA
Total project cost (Rs.)	Rs. 58.53 Crores	Rs. 64.88 Crores (existing Rs.58.53 crores + proposed Rs.6.35 crores)

Chronology of the event:

- Earlier the project proponent had obtained Environmental Clearance for their existing project with built up area of 57,792.575 S.qm. vide Memo No. 2031/EN/T-II-1/085/2017 dated 16/10/2019.
- The PP applied for expansion / modification of the existing project in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 28.12.2022.
- The PP was called for the EC presentation in the 62nd SEAC meeting held on 11.01.2023 and the PP presented their proposal in this meeting.
- Based on the submission and presentation made by the PP, the committee recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - i) Certified Compliance Report (CCR) stating complete compliance with the provisions laid down in MoEF&CC O.M. F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.

- ii) It is observed that the sanction plans and other documents submitted by the PP does not conform with the Notification issued by SEIAA, WB vide No. 2495/EN-T-II/011/2018 dated 17.12.2019.
- iii) The plot area (as per deed) mentioning the sanction plan is 19995.56 sqm. However, it is submitted by the project proponent that the land area after deducting for road widening is 16972.82 sqm. based on which EC has been applied for. Sanctioned documents regarding gifting of the land $(19995.56 - 16972.82) = 3022.74$ sqm. should be submitted.
- iv) Salient features of the project (including the earlier EC).
- v) Total built up area of the project (including exempted areas) as defined by MoEF&CC.
- vi) Land use breakup (adding upto 100%) and flat matrix as mentioned in the Notification issued by SEIAA, WB vide No. 2495/EN-T-II/011/2018 dated 17.12.2019.
- vii) Photographs of the existing project. Land use plan should be based on the actual sanctioned plan.
- viii) Permission for water supply from the Competent Authority. Regular monitoring of the water level by constructing a piezometer is necessary for examining the efficacy of recharge.
- ix) Detailed plan of solar power plant including rooftop PV array should be submitted.
- x) Subsurface lithological profile to be submitted.
- xi) Plan for rainwater harvesting, tanks along with recharge pits. Number and depth of recharge pits should be staggered. Recharge should be done in medium to coarse layer of sand. Recharge pits should be based on the sanctioned plan.
- xii) STP scaled up diagram including plan and section.
- xiii) Capacity of composter to be installed.
- xiv) Present ground water level in and around the project site. Regular monitoring of the water level is necessary for examining the efficacy of recharge. A small bore piezometer should be installed permanently for this purpose.
 - i) Inlet of fresh water to the ACF/PSF should be indicated in the STP flowsheet.
 - ii) Regarding need-based activities, actual need of the locality should be explored and based on the consents of the beneficiaries, activities should be decided. A display board indicating the environmental parameters and beneficiary of the social part of EMP should be installed at site.
- xv) Quantum of total water required after expansion does not seem commensurate with the number of flats enhanced after expansion. PP may please clarify.
- xvi) PP should furnish photographs of existing plantation and details of tree cutting viz, no of trees to be felled for road widening, location of compensatory plantation and its maintenance and tree cutting permission.
- xvii) Details of emergency plans including precaution and safety measures to be submitted as per indicative guidelines of High rise buildings.
- xviii) Glass window and glass façade should be provided in such a way that it should not create hindrances to avifauna.
- xix) An undertaking from the PP stating that occupancy will not be given before effecting transfer of land for road widening.
- xx) Plan for installation of charging stations for electric vehicles, number and zone to be provided.

- xxi) The PP shall install the following :-
- Solar smart meter for recording generation.
 - 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.
 - Sensor based water quality management system.
 - STP with the digital data for inlet / outlet along with discharge quality.
 - Ambient air quality monitoring station. Mist cannon to be provided for dust control in the locality.
 - Ambient noise quality monitoring station.

Plan in this regard should be provided.

- The project proponent uploaded their reply in PARIVESH Portal on 10.04.2023, which was considered in the 75th SEAC meeting held on 19.04.2023.

SEAC Observations and Recommendations:

- Based on the submission made by the PP, the committee accepted the final proposal consisting of various environmental parameters and salient features of the project and **recommended the proposed project for Environmental Clearance.**

2.1.2) Mining of Minerals :

- I. **Proposed Khatanga Quartz Mine at Plot No. 4(P) and 56(P), JL No. 191, Mouza – Khatanga, Block – Jhalda II, PS – Kotshila, Dist – Purulia, West Bengal.**

Proposal No.	SIA/WB/MIN/194366/2021
Project Proponent	M/s. Bankura Mines & Minerals Pvt. Ltd.
Environmental Consultant	M/s. Centre for Envotech & Management Consultancy Pvt. Ltd.

Activity:

- This is a fresh proposal for Khatanga Quartz Mine (Area – 1.08 ha of 2.67 acres) at Plot No. 4(P) and 56(P), JL No. 191, Mouza – Khatanga, Block – Jhalda II, PS – Kotshila, Dist – Purulia.
- The PP has uploaded approved Mining Plan including Progressive Mine Closure Plan. The Mining Plan including Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for Khatanga Quartz Mine at the site over a lease-hold area of 1.08 ha (2.67 Acres) at Plot No. 4(P) and 56(P), JL No. 191, Mouza – Khatanga, Block – Jhalda II, PS – Kotshila, Dist – Purulia, West Bengal, has been approved by the State Government on 26.11.2020.
- LOI was issued on 28.12.2022 in the name of M/s. Bankura Mines & Minerals Pvt. Ltd. at Block – Jhalda II, Mouza – Khatanga, JL No. 191, Plot No. 4(P), PS – Kotshila, Dist – Purulia, West Bengal.

Chronology of the event:

- The proponent applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 10.03.2021.
- The PP presented their EC proposal in the 19th reconstituted SEAC meeting held on 26.08.2021.
- Based on the presentation made by the project proponent, the committee recommended that the following submission / clarifications to be provided by the project proponent for further consideration:-
 - 1) Valid LOI from the Competent Authority should be submitted.
 - 2) Report of silica content in the dust generated.
 - 3) Estimated maximum ground level concentration of dust beyond the buffer zone around the mine. Mitigation measures adopted for emission of silica dust.
 - 4) Year wise schedule of overburden removal and placement including rehandling. Details regarding backfilling and outside-the-pit dumping may be provided.
 - 5) Progressive and final mine-closure plan clearly showing post mining land uses.
 - 6) Plan to study silica dust emission and health examination of the exposed workers along with complete health check-up plan.
 - 7) Recast plantation plan (to scale) for the green belt indicating tree density, perimeter length, species to be planted etc. (as recommended by DFO) and plant survival plan etc.
 - 8) Surface contour plan.
 - 9) Measurement of post-monsoon depth to water level below ground level of the shallow aquifer and the depth of the wells measured in and around the project site with photographic evidence and groundwater management plan. Few measurements to be taken upslope and downslope of the quartz vein. Geological details of the quartz vein that will be mined and the surrounding rocks including fracture orientation.
 - 10) Drinking water treatment facility to be indicated.
 - 11) Measures adopted for top soil conservation.
 - 12) Measures adopted for slope stabilisation.
 - 13) Preventive measures to minimise the impact of dust emission during transportation should be adopted.
 - 14) Photographs of the exact site to find the existing status.
 - 15) Noise mitigation during drilling/blasting and health protection of workers.
 - 16) New road and road development during transportation.
 - 17) Design of garland drain around the overburden dump area should be indicated.
 - 18) EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 should be submitted. Items like hand washing station, toilet facility with running water, school infrastructure including incinerator for used sanitary napkins in case of girls' schools, provision for sufficient service water supply and treatment of drinking water, training on environmental awareness including MSW segregation etc. in nearby schools to be considered based on local public need.
 - 19) Pollution control plan for the emission and noise from DG set to be indicated.
 - 20) A time bound progressive greenbelt development plan shall be prepared to a scale indicating linear and quantitative coverage, species. Nos. of plants and time frame to ensure that 33% of the project area should remain endured under tree

plantation. It is advised to plant the total no. of saplings at a go and then continue maintenance of those saplings for the consecutive four years to register a better rate of survival.

- The project proponent submitted their reply on 04.02.2023 which was considered in the 66th SEAC meeting held on 15.02.2023.
- The SEAC observed that the plot area mentioned in the EC application, LOI and approved Mining Plan do not match. The plot area mentioned in the LOI is 1.93 acres (0.78 ha) over plot no. 4(P) while the approved mine plan mentions the plot area as 2.67 Acres (1.08 Ha) at Plot No. 4(P) and 56(P). Also, the copy of the valid LOI has not been uploaded in the portal.
- Considering the above, the committee recommended that the PP should submit proper clarifications regarding the above which should be uploaded in the PARIVESH portal for further consideration.
- The PP uploaded their reply in PARIVESH Portal on 19.03.2023, which was considered in the 72nd meeting held on 25.03.2023.
- Based on the submission made by the PP, the SEAC observed that the matter may be reviewed further. Hence the present proposal is deferred for the next meeting.

SEAC observations and recommendations:

- SEAC considered the proposal in the 75th meeting held on 19.04.2023. The SEAC scrutinized the documents submitted by the project proponent in the meeting and after careful consideration and detailed deliberation the committee **recommended the proposed project for Environmental Clearance.**

II. Proposed Gobindapur Quartz Mine project at Mouza – Gobindapur, JL No. 169, (formerly 170), Plot No. 1242, 1236, 1237, 1238(P), 1239, 1240, 1241(P), 1243(P) & 1244(P), PS & Block – Barabazar, Dist – Purulia, West Bengal.

Proposal No.	SIA/WB/MIN/191772/2021
Project Proponent	M/s. JBS Projects Pvt. Ltd.
Environmental Consultant	M/s. Centre for Envotech & Management Consultancy Pvt. Ltd.

Activity:

- This is a fresh proposal for Gobindapur Quartz Mine project over an area – 1.076 ha (2.66 Acres) at Mouza – Gobindapur, JL No. 169, (formerly 170), Plot No. 1242, 1236, 1237, 1238(P), 1239, 1240, 1241(P), 1243(P) & 1244(P), PS & Block – Barabazar, Dist – Purulia, West Bengal.
- The PP has uploaded approved Mining Plan including Progressive Mine Closure Plan. The Mining Plan including Progressive Mine Closure Plan prepared according to the provisions of the West Bengal Minor Mineral Concession Rules, 2016, for Gobindapur Quartz Mine project at the site over a lease-hold area of 1.076 ha (2.66 Acres) at Mouza – Gobindapur, JL No. 169, (formerly 170), Plot No. 1242, 1236, 1237, 1238(P), 1239, 1240, 1241(P), 1243(P) & 1244(P), PS & Block – Barabazar, Dist – Purulia, West Bengal, has been approved by the State Government on 26.11.2020.

- LOI was issued on 28.12.2022 in the name of M/s. JBS Projects Pvt. Ltd. at Block – Barabazar, Mouza – Gobindapur, JL No. 170, Plot No. 1242, PS – Barabazar, Dist – Purulia, West Bengal.

Chronology of the event:

- The proponent applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 21.01.2021.
- The PP presented their EC proposal in the 19th reconstituted SEAC meeting held on 26.08.2021.
- Based on the presentation made by the project proponent, the committee recommended that the following submission / clarifications to be provided by the project proponent for further consideration:-
 - i. Valid LOI from the Competent Authority should be submitted.
 - ii. Mitigation measures adopted for emission of silica dust.
 - iii. Drinking water treatment facility to be indicated.
 - iv. Greenbelt plantation plan (with photographs of area) including tree density, area percentage. Plant species (as recommended by the DFO) along with plant maintenance should be indicated.
 - v. Measures adopted for top soil conservation.
 - vi. Measures adopted for slope stabilisation.
 - vii. The 'rainwater harvesting tank' indicated is actually a settling tank – the terminology should be revised.
 - viii. Study report on impact dust emission during transportation.
 - ix. Plan to study silica dust emission and health examination of the exposed workers along with complete health check-up plan.
 - x. Post monsoon water level study at up slope and down slope.
 - xi. Photographs of the exact site to find the existing status.
 - xii. Noise mitigation during drilling/blasting and health protection of workers.
 - xiii. New road and road development during transportation.
 - xiv. Design of garland drain around the overburden dump area should be indicated.
 - xv. EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 should be submitted. Items like hand washing station, toilet facility with running water, school infrastructure including incinerator for used sanitary napkins in case of girls' schools, provision for sufficient service water supply and treatment of drinking water, training on environmental awareness including MSW segregation etc. in nearby schools to be considered based on local public need.
 - xvi. Plan for health examination of the exposed workers along with complete health check-up plan including audiometry.
 - xvii. Year wise schedule of overburden removal and placement including rehandling. Details regarding backfilling and outside-the-pit dumping may be provided.
 - xviii. Progressive and final mine-closure plan clearly showing post mining land uses. Reclamation Plan.
 - xix. Geological details of the quartz vein that will be mined and the surrounding rocks including fracture orientation.
 - xx. Measurement of post-monsoon depth to water level below ground level of the shallow

aquifer and the depth of the wells measured in and around the project site with photographic evidence and groundwater management plan. Few measurements to be taken upslope and downslope of the quartz vein.

- xxi. A time bound progressive greenbelt development plan shall be prepared to a scale indicating linear and quantitative coverage, species. Nos. of plants and time frame to ensure that 33% of the project area should remain endured under tree plantation. It is advised to plant the total no. of saplings at a go and then continue maintenance of those saplings for the consecutive four years to register a better rate of survival.
- The project proponent submitted their reply on 04.02.2023 which was considered in the 66th SEAC meeting held on 15.02.2023.
 - The SEAC observed that the plot area mentioned in the EC application, LOI and approved Mining Plan do not match. The plot area mentioned in the LOI is 0.73 acres (0.295 ha) over plot no. 1242 while the approved mine plan mentions the plot area as 2.66 Acres (1.076 ha) at Plot No. 1242, 1236, 1237, 1238(P), 1239, 1240, 1241(P), 1243(P) & 1244(P). Also, the copy of the valid LOI has not been uploaded in the portal.
 - Considering the above, the committee recommended that the PP should submit proper clarifications regarding the above which should be uploaded in the PARIVESH portal for further consideration.
 - The PP uploaded their reply in PARIVESH Portal on 19.03.2023, which was considered in the 72nd meeting held on 25.03.2023.
 - Based on the submission made by the PP, the SEAC observed that the matter may be reviewed further. Hence the present proposal is deferred for the next meeting.

SEAC observations and recommendations:

- SEAC considered the proposal in the 75th meeting held on 19.04.2023. The SEAC scrutinized the documents submitted by the project proponent in the meeting and after careful consideration and detailed deliberation the committee **recommended the proposed project for Environmental Clearance.**

III. Proposed Onda Sand Mine (MIN_BNK_45) over an area of 2.36 ha (5.83 Acres) on the Darakeswar River at Plot No. 11/414 & 429, J.L. No.- 110 & 111, Mouza: Dubrajpur & Sahapur, P.S. Onda, District: Bankura, West Bengal.

Proposal No.	SIA/WB/MIN/420310/2023
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 riverbed sand mining of MIN_BNK_45 Sand Block over an area of 2.36 ha (5.83 Acres) on the Darakeswar River at Plot No. 11/414 & 429, J.L. No.- 110 & 111, Mouza: Dubrajpur & Sahapur, P.S. Onda, District: Bankura, 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 17.02.2023 and the approved plan has been uploaded at the PARIVESH portal by the

PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 195161.5 m³ and geological reserve of 243552 m³.

- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689/ICE-12011(99)/68/2022-MINES Dated 30/11/2022.
- The PP not 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.
- The PP has informed that there is no court case pending against the project.
- The **PP has not 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 Environmental Clearance and uploaded the application in the PARIVESH portal on 28.02.2023.
- The PP was called for the EC presentation in the 70th SEAC meeting held on 15.03.2023 and the PP presented their proposal in this meeting.
- 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, therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-

- 1) Cluster certificate from the competent authority should be submitted.
 - 2) The PP shall deposit one time processing fee as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal and upload the paid challan in the PARIVESH Portal. Notification and details can be accessed in the link <http://environmentwb.gov.in/pdf/Notification>.
 - 3) 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.
 - 4) Status of the need-based activities to be submitted.
 - 5) Basic amenities, safety and occupational health of the labours to be provided.
- The PP had submitted reply on 14.04.2023 in PARIVESH Portal, which was considered by the SEAC in its 75th meeting held on 19.04.2023.

SEAC observations and recommendations:

- Based on the submission made by the PP, the committee accepted the final proposal consisting of various environmental parameters and salient features of the project and **recommended the proposed project for Environmental Clearance**. Standard EC conditions for the sand mines should be referred to. Following additional conditions may be imposed:
 - 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.

IV. Proposed MIN_APD_22 Sand Mine over an area of 1.07 ha on Turturi River at J.L No.-109, Mouza: Dangi, P.S. Alipurduar II, PS & District: Alipurduar, West Bengal.

Proposal No.	SIA/WB/MIN/415157/2023
Project Proponent -	M/s. West Bengal Mineral Development & Trading Corporation Limited.
Environmental Consultant -	M/s. Centre for Envotech & Management Consultancy Pvt. Ltd.

Activities:

- This is a proposal for riverbed sand mining of MIN_APD_22 Sand Block over an extent of 1.07 ha on Turturi River at J.L No.-109, Mouza: Dangi, P.S. Alipurduar II, PS & District: Alipurduar, 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 13.01.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP. It is mentioned in the Mining Plan that the total mineable sand reserve of 77905.80 m³ and geological reserve of 132316.20 m³.
- The PP has uploaded the pre-feasibility report for the proposed project.
- The PP **has not uploaded cluster certificate** from the competent authority.
- 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 20.02.2023.
- The PP was called for the EC presentation in the 68th SEAC meeting held on 01.03.2023 and the PP presented their proposal in this meeting.

- Based on the presentation made by the PP, the committee observed that the plot area for the proposed project (geo-coordinates) as reported in the approved Mining cum Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Alipurduar district. Therefore, the SEAC recommended that the following submission / clarifications should be uploaded in the PARIVESH portal by the project proponent for further consideration :-
 - 1) Cluster certificate from the competent authority should be submitted.
 - 2) Taking into consideration the replenishment rates reported in the approved DSR for Alipurduar, 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) A properly revised Mining cum Progressive Mine Closure Plan, duly approved by the competent authority must be submitted. There should not be any mismatch of data in the Lol and the Mining Plan.
 - 4) Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
 - 5) A plan on management and handling of sand during the period of intermediate stock piling should be submitted.
 - 6) 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.
 - 7) 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.
 - 8) 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.
 - 9) It appears that the proposed mine falls within 10 km from the periphery of a National Park/ Sanctuary/ Eco-Sensitive Zone/ Protected Area. As such the PP shall, – in compliance to the Hon'ble Supreme Court's order in I.A. No. 460 of 2004, obtain a no objection certificate from the Standing Committee of National Board of Wild Life (NBWL) and upload a copy of the same.
- The PP had submitted reply on 11.04.2023 in PARIVESH Portal, which was considered by the SEAC in its 75th meeting held on 19.04.2023.

SEAC observations and recommendations:

- Based on the submission made by the PP, the committee accepted the final proposal consisting of various environmental parameters and salient features of the project and **recommended the proposed project for Environmental Clearance**. Standard EC

conditions for the sand mines should be referred to. Following additional conditions may be imposed:

- 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.

3) Miscellaneous :-

It has been observed by the SEAC that, at times, the consultants engaged by the PP have been uploading incomplete documents. There are several instances where significant data mismatches were seen in the documents uploaded by the consultants. Even applications for ToR/ EC were uploaded without complying with the mandatory data/ information/ documents required for processing the uploaded application. These only prolong the process of granting/ regretting the prayers for EC/ ToR. The SEAC took a strong view on these casual / nonserious/ misleading activities on the consultants' part and desired that the consultants may refrain from repeating such acts in future, failing which the matter may be taken up for such further action as may be considered necessary or expedient.

The significance and importance of the consultants' role in the environmental clearance process were discussed in a meeting with the environmental consultants held on 01.03.2023. While the consultants were reminded of their role and importance in making the appraisal process time bound and effective it was regretted that at times there has been marked casualness on the part of the consultants. A trend reversal was called for. But it seems little has changed at the ground level.

The SEAC takes a strong view on these casual/ non-serious/ misleading activities on the consultants' part and desires that the consultants may refrain from repeating such acts in future, failing which the SEAC may take such further action as it may deem necessary, expedient or fit. Such action may include, – but may not be limited to, bringing the matter to the attention of the accreditation agency.

Table-1 : List of the projects which were placed before the reconstituted SEAC in the seventy fifth meeting held on 19.04.2023 and the Summary Decisions thereof:

Sl. No.	Name of the unit & Project address	Summary Decision
1. Cases for Technical Presentation		
1.1) Environmental Clearance		
1.1.1) Construction Sector		
I.	Shri Ajay Banerjee, Sanjay Banerjee Malay Banerjee Proposed Residential Complex - "Ganga Greens" at 19, G.T. Road, Bhadrakali, Uttarpara-Kotrung Municipality, Ward No. - 9, PS – Uttarpara, Dist. – Hooghly, Pin - 712232, West Bengal. (Violation Case) (Proposal No. SIA/WB/INFRA2/423978/2023)	Additional Details Sought

Sl. No.	Name of the unit & Project address	Summary Decision
1.1.2) Mining of Minerals		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Riverbed Sand Mining (MIN_BNK_02) over an area of 14.14 ha / 34.95 Acres on the Damodar River at JL No-36, Plot No- 657, Mouza - Mejia, Gopalgana & Telengana, P.S.- Mejia, Block- Mejia, District-Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424789/2023)	Additional Details Sought
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Riverbed Sand Mining (MIN_BNK_03) over an area of 13.5 ha / 33.36 Acres on the Damodar River at Plot No. - 3449, JL No. - 37, Mouza – Mejia, Gopalganja & Telengana, P.S. - Mejia, Block - Mejia, Dist. - Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424823/2023)	Additional Details Sought
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Riverbed Sand Mining (MIN_BNK_04) over an area of 15.93 ha / 39.37 Acres on the Damodar River at JL No. - 37 & 60, Plot No. - 3449 & 1208, Mouza - Mejia, Gopalgana & Telengana, P.S. - Mejia, Block - Mejia, District - Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424918/2023)	Additional Details Sought
IV.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Riverbed Sand Mining (MIN_BNK_52) over an area of 8.71 ha / 21.53 Acres on the Dwarakeswar River at JL No. - 42, Plot No. – 541(P), 1796(P), 1967(P), 1966(P), 1787(P), 1772, 1771, 1770, 1769, 1768, 1767, 1766, 1765, 1760(P), 1761(P), 1764(P), 1777, 1778, 1773, 1774, 1775, 1776, Mouza - Pantrai, P.S. - Indas, Block - Indas, District-Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424978/2023)	Additional Details Sought
V.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed MIN_BNK_23 Sand Mine over an area of 8.25 ha / 20.38 Acres on Dwarakeswar River at J.L. No: - 141 & 192, Plot No: - 93 & 709, Mouza: - Sabanpur & Gamidya, P.S. - Patrasayer, District: Bankura, West Bengal. (Proposal No. SIA/WB/MIN/424773/2023)	Additional Details Sought

Sl. No.	Name of the unit & Project address	Summary Decision
VI.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed WB_APD_KAJ_A_15 Sand Mine over an area of 5.68 ha on the Kaljani River at Block: - Kalchini, P.S. - Kalchini, District: - Alipurduar, West Bengal. (Proposal No. SIA/WB/MIN/422317/2023)	Recommended for Terms of Reference
1.2) Environmental Clearance		
1.2.1) Mining of Minerals		
I.	Smt. Tanushree Ghosh Proposed Jamsore Sand Block MSB-62 over an area of 3.50 ha / 8.65 Acres on the Kangshabati River at J.L. No. 137, Plot No. 323 (p), Village - Jamsore, Mouza – Jamsore Block – Medinipur Sadar, Police Station – Medinipur, District – Paschim Medinipur, Pin – 721 133, West Bengal. (Proposal No. SIA/WB/MIN/262373/2022)	Rejected
II.	Fazaruddin Mondal Proposed Giria Sand Block RAG 1 over an area of 0.14 ha / 0.35 Acres on the Bhagirathi / Padma River at J.L. No. 35, Plot No. 4477 (p), Village - Giria, Mouza – Giria, Block – Raghunathganj - II, District – Murshidabad, West Bengal. (Proposal No. SIA/WB/MIN/265297/2022).	Rejected
III.	Rakibul Hoque Proposed Char Molladanga Sand Block BHAG 1 over an area of 0.52 ha / 1.29 Acres on the Bhairab River at J.L. No. 125, Plot No. 1269 (p), Village - Char Molladanga, Mouza – Char Molladanga, Block – Bhagwangola - II, District – Murshidabad, West Bengal. (Proposal No. SIA/WB/MIN/262446/2022).	Rejected
IV.	Shri Prabhas Ghosh. Proposed Garhbeta Sand Block MGARB-29 over an area of 0.96 ha / 2.36 Acres on the Silabati River at J.L. No. 406, Plot No. 1255 (p), 1256 (p), 1257 (p), 1258 (p), 1259 (p), 1261 (p), 1263 (p) & 1416 (p), Village - Suniakon, Mouza – Suniakon, Block – Garhbeta, Police Station – Garhbeta, District – Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/262263/2022).	Rejected
V.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Uttar Chakoakheti Sand Mine (MIN_APD_20) over an area of 2.14 ha / 5.29 Acres on the Kaljani River at J. L. No. – 36, Plot No. 1723(p) & 1724(p), Mouza – Uttar Chakoakheti, Village – Uttar Chakoakheti, Police Station – Alipurduar, District – Alipurduar, West Bengal. (Proposal No. SIA/WB/MIN/423327/2023).	Recommended for Environmental Clearance

Sl. No.	Name of the unit & Project address	Summary Decision
VI.	M/s. West Bengal Mineral Development & Trading Corporation Limited. Proposed Jatamari Sand Mine (MIN_CB_13) over an area of 1.32 ha / 3.26 Acres on the Dharla River at J. L. No. – 12, Plot No. 2354 & 2355, Mouza – Jatamari, Village – Jatamari, Police Station – Sitalkuchi, District – Cooch Behar, West Bengal. (Proposal No. SIA/WB/MIN/425389/2023).	Recommended for Environmental Clearance
2. Reconsideration		
2.1) Environmental Clearance		
2.1.1) Construction Sector		
I.	M/s. Rishinox Buildwell LLP. Proposed Expansion of Residential Complex “RISHI PRANAYA” at R.S. & L. R. Dag Nos. - 1061, 1062, 1063, 1064, 1065, 1067, 1074, 1075 (P), 1076, 1077, 1078, 1079, 1080, 1081(P), 1082/1274, 1083, 1084, 1085/1275, 1086/1277, 1087/1276, 1088(P), Mouza Kalikapur. JL No. 40 within Gram Panchayat Patharghata, Police Station - Rajarhat, District - North 24 Parganas, West Bengal. (Proposal No. SIA/WB/INFRA2/412262/2022)	Recommended for Environmental Clearance
2.1.2) Mining of Minerals		
I.	M/s. Bankura Mines & Minerals Pvt. Ltd. Proposed Khatanga Quartz Mine at Plot No. 4(P) and 56(P), JL No. 191, Mouza – Khatanga, Block – Jhalda II, PS – Kotshila, Dist – Purulia, West Bengal. (Proposal No. SIA/WB/MIN/194366/2021)	Recommended for Environmental Clearance
II.	M/s. JBS Projects Pvt. Ltd. Proposed Gobindapur Quartz Mine project at Mouza – Gobindapur, JL No. 169, (formerly 170), Plot No. 1242, 1236, 1237, 1238(P), 1239, 1240, 1241(P), 1243(P) & 1244(P), PS & Block – Barabazar, Dist – Purulia, West Bengal. (Proposal No. SIA/WB/MIN/191772/2021)	Recommended for Environmental Clearance
II.	M/s. West Bengal Mineral Development and Trading Corporation Limited. Proposed Onda Sand Mine (MIN_BNK_45) over an area of 2.36 ha (5.83 Acres) on the Darakeswar River at Plot No. 11/414 & 429, J.L. No.- 110 & 111, Mouza: Dubrajpur & Sahapur, P.S. Onda, District: Bankura, West Bengal. (Proposal No. SIA/WB/MIN/420310/2023)	Recommended for Environmental Clearance
III.	M/s. West Bengal Mineral Development and Trading Corporation Limited. Proposed MIN_APD_22 Sand Mine over an area of 1.07 ha on Turturi River at Plot No. 700, 701, 702, 703, 705, 706, 710, J.L. No.-109, Mouza: Dangi, P.S. Alipurduar II, District: Alipurduar, West Bengal. (Proposal No. SIA/WB/MIN/415157/2023)	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/-

(Dr. Ashit Kumar Mukherjee)
Chairman
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Nilangshu Bhusan Basu)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Pradip Kumar Sikdar)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Aniruddha Mukhopadhyay)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Anirban Gupta)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Goutam Kumar Saha)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Suchandra Bardhan)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Prof. (Dr.) Sampa Chakrabarti)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Shri Shubhendu Bandyopadhyay)
Member
State Expert Appraisal Committee, West Bengal


Sd/-

(Prof. (Dr.) Indranath Sinha)
Member
State Expert Appraisal Committee, West Bengal

Sd/-

(Dr. Rajesh Kumar, IPS)
Secretary
State Expert Appraisal Committee, West Bengal

Annexure – 1


 Government of West Bengal
 DEPARTMENT OF INDUSTRY, COMMERCE & ENTERPRISES
 (Sole Office)
 8, Abanindranath Tagore Sarani (Canton Street), Kolkata – 75

Memo No. 688/CC-1201199/06/2022 MINES Date: 30/11/2022

To: Chairman & Managing Director
West Bengal Mineral Development & Trading Corporation Ltd.
Sole Provisional Grant Order for Sand Blocks
Ref: Your Office Memo No. MDTC/SAND/03/Part-1/1008


Sr,

With reference to the subject mentioned above, I am directed to inform you that Provisional Grant Order is hereby accorded by this department to the West Bengal Mineral Development & Trading Corporation Ltd. for the sand blocks already auctioned from your end (Annexure attached).

You are requested kindly to arrange to prepare the mining plan for the sand blocks, get them approved by competent authority and also to obtain Environmental Clearance and all other statutory clearances as per norms.

On completion of the above mentioned process, mining lease shall be executed between this department and the corporation in due course.


This has the approval of the competent authority of this department.

Yours faithfully,

 Deputy Secretary
 Date: 30/11/2022

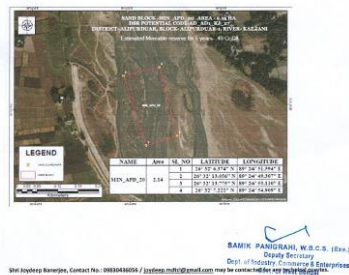
No. 688/CC-1201199/06/2022 MINES

Copy forwarded for kind information and necessary action to:


1. The Director of Mines and Minerals, West Bengal.
2. J. ADM & COLLEGE (Alipour, Bankura, Birbhum, Darjeeling, Paschim Bardhaman & Paschim Medinipur).
3. The Chief Mining Officer, West Bengal.
4. PA to Principal Secretary, Dept of Environment with request to place it for the approval of the authority.
5. PA to Secretary, Dept of C & I with request to place it for the approval of the authority.
6. PA to Secretary, Dept. of LAB & RM with request to place it for the approval of the authority.


 Deputy Secretary

12. Annexure
 12.1. Annexure 1: Geo-reference co-ordinate of the sand blocks



Annexure – 2


WEST BENGAL MINERAL DEVELOPMENT & TRADING CORPORATION LTD
 (A Govt. of West Bengal Undertaking)

CH. VIKRAMCHANDRASEKHAR
 Regd. Office: WBMDCL Building, 3rd Floor,
 80/1B, Seagram, Salt Lake, Kolkata-75.
 Phone: 633-2558-0873
 Email: info@wbmdtcl.com
www.wbmdtcl.co.in

Memo No. MDTC/SAND/003/Part-1/1008 (Date: 19.04.2023)

Undertaking


Undertaking is hereby provided to incur the expenses towards Corporate Environmental Responsibility (CER) as per MDCT & CC's notifications Nos. F.No. 22-65/2017/A.M. dt. 30th September, 2020 and 1st May, 2018 with respect to Sand Block No. MIN_APD_06, of M/V West Bengal Mineral Development and Trading Corporation Limited, comprising an area of 2.14 Hectare, falls in Kalani River and administratively covered under Mouza – Utti Chakraborty of Alipour Block in Alipour District of West Bengal. The Geo-coordinates of this Sand Block is furnished below:

Boundary Points	Toposheet No. 78 F/6 Co-ordinates	
	Latitude	Longitude
BP1	N 26° 32' 13.775"	E 88° 24' 53.110"
BP2	N 26° 32' 07.222"	E 88° 24' 54.900"
BP3	N 26° 32' 06.314"	E 88° 24' 53.284"
BP4	N 26° 32' 13.058"	E 88° 24' 49.387"

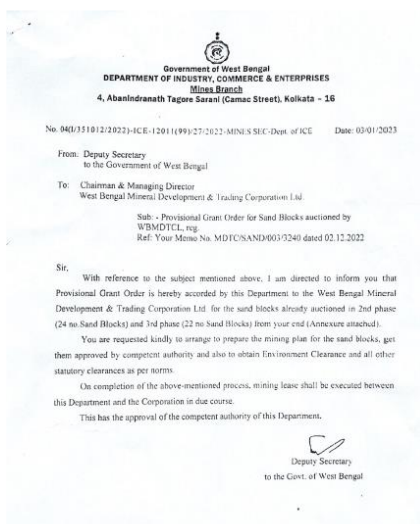
WBMDTCL is committed to make the expenses upto a maximum limit of 2 % of the total project cost. It is to be noted that, all the expenditure will be made in due consultation with the district authorities and also as per the recommendation of the district authorities. The main objective of these expenses shall be peripheral development and environment protection. The scope of work shall be followed but not limited to the activities listed below:

1. Infrastructure development.
2. Drinking water facility.
3. Electricity development including Solar projects.
4. Roads and drains.
5. Creation of water body for community use.
6. Solid Waste Management System and Scientific Studies.
7. Skill Development Programs.
8. Embankment Protection.

This is also to be stated that, all communication in this regard shall be made to the Chairman SEAA, West Bengal and activities shall be monitored under the project. The statement of expenses shall be captured in the six monthly compliance reports to be submitted to SEAA.

Authorized Signatory

 West Bengal Mineral Development and Trading Corporation Ltd.
 Samik Pangrani, W.B.C.S. (Exe.)
 General manager (S&D) and
 W.B. Mineral Dev. & Trading Corp. Ltd.

Annexure – 3



SAMIK PANIGRAHI, W.B.C.S. (Exn.)
 Deputy Secretary
 Dept. of Industry, Commerce & Enterprises
 Govt. of West Bengal

Annexure – 4

WEST BENGAL MINERAL DEVELOPMENT & TRADING CORPORATION LTD
 (A Govt. of West Bengal Undertaking)

CH: 01427998187805030707
 Regd. Office: WBMDCL Building, 7th Floor,
 33-10 Sector-1, Salt Lake, Kolkata-700091,
 Phone: 832-2558-0073
 Email: wbmtdcl.sand@gmail.com
 www.wbmtdclwb.gov.in

Memo No. MDTC/SAND/003/Part-1/1009 Date: 19.04.2023.

Undertaking

Undertaking is hereby provided to incur the expenses towards Corporate Environmental Responsibility (CER) as per MOEF & CC's notifications Nos. F.No. 22-65/2017-(A)II dt. 30th September, 2020 and 1st May, 2018 with respect to Sand Block No. MIN_CB_13, of M/s West Bengal Mineral Development and Trading Corporation Limited, comprising an area of **1.32 Hectare**, falls in Dharla River and administratively covered under Mouza - Jatsarai of Sitalkuchi Block in Cooch Behar District of West Bengal. The Geo-coordinates of this Sand Block is furnished below:

Boundary Points	Toposheet No. 78 F/3	
	Latitude	Longitude
BP1	N 26° 10' 28.942"	E 089° 11' 37.792"
BP2	N 26° 10' 30.775"	E 089° 11' 38.807"
BP3	N 26° 10' 34.634"	E 089° 11' 43.463"
BP4	N 26° 10' 32.981"	E 089° 11' 44.105"

WBMDTCL is committed to make the expenses upto a maximum limit of 2 % of the total project cost. It is to be noted that, all the expenditure will be made in due consultation with the district authorities and also as per the recommendation of the district authorities. The main objective of these expenses shall be peripheral development and environment protection. The scope of work shall be followed but not limited to the activities listed below:

1. Infrastructure development.
2. Drinking water facility.
3. Electricity development including Solar projects.
4. Roads and drains.
5. Creation of water body for community use.
6. Solid Waste Management System and Scientific Studies.
7. Skill Development Programs.
8. Embankment Protection.

This is also to be stated that, all communication in this regard shall be made to the Chairman SEIAA, West Bengal and activities shall be monitored under the project. The statement of expenses shall be captured in the six monthly compliance reports to be submitted to SEIAA.

Authorised Signatory
 West Bengal Mineral Development and Trading Corporation Limited
 Samik Panigrahi, WBMDCL (Exn.)
 General Manager (Sand & Admin)
 W.B. Mineral Dev. & Trading Corp. Ltd.