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State Environment Impact Assessment Authority
West Bengal
Minutes of SEIAA Meeting
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Subject: **86th meeting of SEIAA**
Venue:- **Conference Room of Environment Department, Prani Sampad Bhavan, 5th Floor, LB – Block, Sector – III, Salt Lake, Kolkata – 700106**
From :- **07 February 2023**
To :- **07 February 2023**

(1) Proposed installation of 2x10 Tonnes Induction Furnaces with Ladle Refining Furnace, Continuous Caster and 3000 MT/Month Rolling Mill to existing facilities at J.L. No. 65, Dag No. 2074, 2078, 2079, 2080, 2083, 2084, 2085, 2094, 2097, 2102, 2122, Khatian No. 3855; Dag No. 2082, 2088, 2091, 2092, 2095, 2098, 2099, Khatian no. 6023, Bamunara Industrial Area, Vill & P.O. & Mouza – Gopalpur, P.S. Kanksa, Dist. Paschim Bardhaman, Durgapur – 713212, West Bengal by **M/s. Ruhr Ispat Pvt. Ltd.**

Proposal No. :- SIA/WB/IND/57057/2019, File No. : EN/T-II-I/019/2019, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/IND/57057/2019** dated **13 Oct 2020** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. **3(a) Metallurgical industries (ferrous & non ferrous)**, under Category "**B1**" of EIA Notification 2006 and the proposal is appraised at State level.

PROJECT DETAILS

The project of M/s **Ruhr Ispat Pvt Ltd** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Paschim Bardhaman	Kanksa	Gopalpur

DELIBERATION IN SEIAA

SEIAA considered the submission made by the project proponent and accepted the same.

RECOMMENDATIONS OF SEIAA

The application for EC is approved.

CONCLUSION

Approved for EC.

Conditions

I. Statutory compliance

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
- iv. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.
- v. The project proponent shall obtain the necessary permission from the Competent Authority, in case of drawl of ground water or in case of drawl of surface water required for the project.
- vi. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R.277(E) dated 31st March 2012 (applicable to IF / EAF) as amended from time to time as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common / criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission. and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of Ministry of Environment, Forests and Climate Change (MoEF&CC)/SEIAA, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop

floors, roofs, regularly.

- viii. Recycle and reuse iron are fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting / agglomeration.
- ix. The project proponent shall use leak proof trucks / dumpers carrying coal and other raw materials and cover them with tarpaulin.
- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xii. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R.277(E) dated 31st March 2012 (applicable to IF / EAF) as amended from time to time; as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers / sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC/SEIAA, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R.277(E)31st March 2012 (applicable to IF / EAF) as amended from time to time.
- vii. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- viii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- ix. The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the MoEF&CC / SEIAA as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures

- i. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
- ii. Practice hot charging of slabs and billets / blooms as far as possible.
- iii. Ensure installation of regenerative type burners on all reheating furnaces.
- iv. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- v. Provide the project proponent for LED lights in their offices and residential areas.

VI. Waste management

- i. Used refractories shall be recycled as far as possible.
- ii. Oily scum and metallic sludge recovered from roiling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces.
- iii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the MoEF&CC regional office/ State Environment Impact Assessment Authority / State Pollution Control Board.
- iv. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016.
- v. Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant).

VII. Green Belt

- i. Green belt shall be developed in an area equal to 40% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant. The project proponent should follow the plantation plan submitted and uploaded in the PARIVESH portal by them.
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

IX. Environment Management Plan (EMP)

- i. The project proponent should submit the proposed EMP on six monthly basis. The office Memorandum issued by the MoEF&CC vide F.No.22-65/2017-IA, III dated 30/09/2020 should be strictly followed.

- ii. Need based activities for local people is part of the EMP. Details of such activities are submitted by the project proponent.
- iii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements / deviation / violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements /deviation / violation of the environmental / forest /wildlife norms / conditions and / or shareholders /stake holders. The copy of the Board resolution in this regard shall be submitted to the MoEF&CC/SEIAA as a part of six-monthly report.
- iv. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly to the head of the organization.
- v. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry of Environment, Forests & Climate Change / State Environment Impact Assessment Authority / State Pollution Control Board along with the Six Monthly Compliance Report.
- vi. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vii. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.

X. Miscellaneous

- i. The environmental clearance accorded shall be valid for a period of 10 years for the proposed project.
- ii. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- iii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iv. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including result of monitored data on their website and update the same on half-yearly basis.
- v. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- vi. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the MoEF&CC /SEIAA at environment clearance portal.
- vii. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- viii. The project proponent shall inform the Regional Office as well as the Ministry/SEIAA, the date of financial

closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.

- a. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
 - b. The project proponent shall abide by all the commitments and recommendations made in the EIA / EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee.
- ix. No further expansion or modifications in the plant shall be carried out without prior approval of the State Environment Impact Assessment Authority.
 - x. Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - xi. The State Environment Impact Assessment Authority may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 - xii. The State Environment Impact Assessment Authority reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
 - xiii. The State Environment Impact Assessment Authority / State Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the State Environment Impact Assessment Authority / State Pollution Control Board by furnishing the requisite data /information / monitoring reports.
 - xiv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
 - xv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

(2) Proposed Residential Complex at Holding No. 282, Ukhila 2, JL No. 56, 51, Ukhilapaikpara, under Rajpur-Sonarpur Municipality Ward No. 27, Jagannathpur, PO & PS – Narendrapur, Kolkata – 700 103, Dist – South 24 Parganas, West Bengal by **M/s. Rajwada Realtech.**

Proposal No. :- SIA/WB/INFRA2/401775/2022, File No. : EN/T-II-1/062/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/INFRA2/401775/2022** dated **20 Oct 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **8(a) Building and Construction** projects under Category "**B2**" of EIA Notification 2006.

SEAC recommended the proposed project for Environmental Clearance during its 62nd meeting held on 11.01.2023.

PROJECT DETAILS

The project of M/s **Rajwada Realtech** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	South 24 Parganas		Ukhila Paikpara

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The application for EC is approved based on the Plan No. 248/Rev/CB/27/77 dated 31.03.2022 sanctioned by Rajpur-Sonarpur Municipality.

CONCLUSION

Approved for EC.

Conditions

I. Statutory compliance:

- i. The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
- iii. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- iv. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- v. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
- vi. The project proponent shall obtain the necessary permission for drawl of ground water /surface water required for the project from the competent authority.
- vii. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- viii. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- ix. The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- x. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.
- xi. The project proponent should strictly comply with the guidelines for High Rise Buildings, issued by MoEF, GoI vide No. 21-270/2008-IA.III dated 07.02.2012.

- xii. The project proponent shall comply with the EMP as proposed in terms of Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020.

II. Air quality monitoring and preservation

- i. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25) covering upwind and downwind directions during the construction period.
- iv. Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel is mandatory. The location of the DG sets may be decided in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meters height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
- vi. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

III. Water quality monitoring and preservation

- i. The natural drainage system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
- iii. Total fresh water use shall not exceed the proposed requirement as provided in the project details.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office of Ministry of Environment, Forest and Climate Change (MoEF&CC) along with State Level Environment

Impact Assessment Authority (SEIAA) and West Bengal Pollution Control Board (WBPCB) along with six monthly Monitoring reports.

- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- vii. Installation of dual pipe plumbing for supply of recycled water and other for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. and for supplying fresh water for drinking, cooking and bathing etc. shall to be done.
- viii. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc.) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law provisions on rain water harvesting should be followed. If local byelaw provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. All recharge should be limited to shallow aquifer.
- xiv. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the State Water Investigation Directorate (SWID) in the matter. Formal approval shall be taken from the SWID for any ground water abstraction or dewatering.
- xv. Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening.
- xvi. No sewage or untreated effluent water would be discharged through storm water drains.
- xvii. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Regional Office of MoEF&CC along with SEIAA and WBPCB before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by MoEF&CC. Natural treatment systems shall be promoted.
- xviii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
- xix. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated

standards by CPCB / SPCB.

- ii. Noise level survey shall be carried out as per the prescribed guidelines and report in this regard shall be submitted to Regional Office of the MoEF&CC along with SEIAA and WBPCB as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- iv. Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

VI. Waste Management

- i. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
- ii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv. Organic waste compost/ Vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
- v. All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing

guidelines/ rules of the regulatory authority to avoid mercury contamination.

- xi. **Construction and demolition activities should be equipped with adequate dust emission measures including installation of anti-smog guns.**

VII. Water Body Conservation:-

- i. Existing water body (if any) should not be lined and their embankments should not be cemented. The water body is to be kept in natural conditions without disturbing the ecological habitat.

VIII. Green Cover

- i. The unit should strictly abide by The West Bengal Trees (Protection and Conservation in Non-Forest Areas) Act, 2006 and subsequent rules. The proponent should undertake plantation of trees over at least 20% of the total area.
- ii. No tree can be felled/transplanted unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
- iii. The proponent should plant at least **235** nos. trees. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. The project proponent should follow plantation plan approved by DFO, 24-Parganas (North) Division vide Memo no. 2217/13C-16 dated 15.12.2021.
- iv. Where the trees need to be cut with prior permission from the concerned Local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

IX. Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and to be operated only during non-peak hours.
- iii. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

X. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

XI. Environment Management Plan (EMP)

- i. The project proponent should submit the proposed EMP on a six monthly basis. The Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2017-IA.III dated 30.09.2020 should be strictly followed.
- ii. Need based activities for local people is part of the EMP. Details of such activities are submitted by the Project Proponent.
- iii. The project proponent shall install display board for display of all the environmental parameters including sensor-based air, water and noise quality monitoring stations within their premises.
- iv. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms /conditions. The company shall have defined system of reporting infringements /deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the Regional Office of MoEF&CC along with SEIAA and WBPCB as a part of six-monthly report.
- v. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly report to the head of the organization.
- vi. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose.
- vii. Year wise progress of implementation of action plan shall be reported to the Regional Office of MoEF&CC along with SEIAA and WBPCB along with the Six-Monthly Compliance Report.

XII. Miscellaneous

- i. The environmental clearance accorded shall be valid for a period of 10 years for the proposed project.
- ii. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
- iii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.

- iv. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal with a copy to SEIAA and WBPCB.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office of the MoEF&CC along with SEIAA and WBPCB, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the State Expert Appraisal Committee (SEAC).
- x. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA.
- xi. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii. The SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xiv. The Regional Office of the MoEF&CC/SEIAA/WBPCB shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office of MoEF&CC / SEIAA/WBPCB by furnishing the requisite data / information/monitoring reports.
- xv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xvi. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

(3) Proposed Dadpur Sand Mine on Damodar River at Vill & Mouza – Dadpur, JL No. 9, Plot No. 443(P), Dist – Purba Bardhaman, West Bengal by **Shri Kamal Kumar Ghosh**.

Proposal No. :- SIA/WB/MIN/261595/2022, File No. : EN/T-II-1/075/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/261595/2022** dated **01 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** projects under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 62nd meeting held on 11.01.2023. The SEAC observed that the plot area for the proposed project (geo-coordinates) as per the approved Mine

Plan and application form does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded original LOI showing the plot location and cluster certificate from the competent authority. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Dadpur Sand Mine by Kamal Kumar Ghosh** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Purba Bardhaman	Jamalpur	Dadpur

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(4) Proposed Riverbed Sand and Stone Mining project in Dumuria River in the area of 3.86 Acres (1.54 Ha) at Mouza - Salbari, J.L. No.: 71 Plot Nos. 317, 318, 359, 361, P.S. – Khoribari Dist. – Darjeeling, West Bengal by **Prakash Thapa**.

Proposal No. :- SIA/WB/MIN/264776/2022, File No. : EN/T-II-1/105/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/264776/2022** dated **05 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 61st meeting held on 04.01.2023. The SEAC observed that plot area for the proposed project (geo-coordinates) as per the application form and Pre-Feasibility Report does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded an approved Mine Plan, valid LOI and cluster certificate from the competent authority. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Mining of Riverbed Sand and Stone of PRAKASH THAPA** located in as follows :

S. No.	State	District	Tehsil	Village

(1.)	West Bengal	Darjeeling	Kharibari	Guwabari Busty
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DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(5) Proposed Phd Ambari Sand & Stone Mines in 1.49 Ha. in Chenga River at Mouza - Ambari, JL No. 40, Plot No. 88, 348(p) 351 & 344, PS - Phansideowa, Dist – Darjeeling, West Bengal by **Bidyut Thakur**.

Proposal No. :- SIA/WB/MIN/408406/2022, File No. : EN/T-II-1/097/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/408406/2022** dated **29 Nov 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 61st meeting held on 04.01.2023. The SEAC observed that the plot area for the proposed project (geo-coordinates) as per the approved Mine Plan does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded cluster certificate from the competent authority. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Bidyut Thakur** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Darjeeling		Ambari

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(6) Proposed Bataliguri riverbed sand & stone mining project in Balason river bed in area of 2.7 Ha. at Mouza – Bataliguri, JL. No. – 64, Plot No – 267 - 276, P.S. - Matigara, Dist. – Darjeeling, West Bengal by **Rina Dutta**.

Proposal No. :- SIA/WB/MIN/408470/2022, File No. : EN/T-II-1/102/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/408470/2022** dated **04 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 61st meeting held on 04.01.2023. The SEAC observed that the plot area for the proposed project (geo-coordinates) as per the approved Mine Plan does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded cluster certificate from the competent authority and Pre-Feasibility Report. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Rina Dutta** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Darjeeling		Bataliguri

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(7) Proposed Manjilajhar Part - 1 Sand & Stone Mines in 1.1 Ha. in Chenga River at Mouza - Mandilajhar, JL No. 101, Plot No. 1084 & 1081, PS - Phansideowa, Dist – Darjeeling, West Bengal by **Bidyut Thakur**.

Proposal No. :- SIA/WB/MIN/408474/2022, File No. : EN/T-II-1/092/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/408474/2022** dated **29 Nov 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 61st meeting held on 04.01.2023. The SEAC observed that the plot area for the proposed project (geo-coordinates) as per the approved Mine Plan does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded cluster certificate from the competent authority. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Bidyut Thakur** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Darjeeling		Mandilajhar

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(8) Proposed Madan Part III Sand Mining project in 2.5 Ha. in Mechi River at plot no: 170 (P), Mouza - Madan, J L No.- 1, P.S. – Naxalbari, Dist. – Darjeeling, State : West Bengal, West Bengal by **Bidyut Thakur**.

Proposal No. :- SIA/WB/MIN/408497/2022, File No. : EN/T-II-1/093/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/408497/2022** dated **29 Nov 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 61st meeting held on 04.01.2023. The SEAC observed that the plot area for the proposed project (geo-coordinates) as per the approved Mine Plan does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded cluster certificate from the competent authority. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Bidyut Thakur** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Darjeeling		Madan

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(9) Proposed Phd Bhusibhita (Part : 1306A) Sand Mining project in 0.49 Ha. in Balason River at Mouza – Busibhita, Plot No. 1306 JL No. 71, PS – Phansideowa, Dist – Darjeeling, West Bengal by **Krishna Agarwal**.

Proposal No. :- SIA/WB/MIN/408636/2022, File No. : EN/T-II-1/094/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/408636/2022** dated **30 Nov 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 61st meeting held on 04.01.2023. The SEAC observed that the plot area for the proposed project (geo-coordinates) as per the approved Mine Plan does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded cluster certificate from the competent authority. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Krishna Agarwal** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Darjeeling		Hetmuri

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(10) Proposed Phd Nimbutari Sand Block in 0.696 Ha. in Balason River at Mouza – Nembutari, Plot No. 24, 26, 28, 30 & 31 JL No. 86, PS – Phansideowa, Dist – Darjeeling, West Bengal by **Vivek Kumar**.

Proposal No. :- SIA/WB/MIN/408669/2022, File No. : EN/T-II-1/099/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/408669/2022** dated **30 Nov 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 61st meeting held on 04.01.2023. The SEAC observed that the plot area for the proposed project (geo-coordinates) as per the approved Mine Plan does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded cluster certificate from the competent authority. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Vivek Kumar** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Darjeeling		Nembu Tari

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(11) Proposed Phd Tarabandha (Part 354A) sand mining project in Balason river in Area: 0.38 ha. at Mouza – Tarabandha, JL No. 69, Plot No. 354, Vill – Tarabandha, PS – Phansideowa, Dist – Darjeeling, West Bengal by **Krishna Agarwal**.

Proposal No. :- SIA/WB/MIN/408705/2022, File No. : EN/T-II-1/096/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/408705/2022** dated **30 Nov 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006. SEAC recommended for rejection of the proposed project for Environmental Clearance during its 61st meeting held on 04.01.2023. The SEAC observed that the plot area for the proposed project (geo-coordinates) as per the approved Mine Plan does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded cluster certificate from the competent authority. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Krishna Agarwal** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Darjeeling		Ambari

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(12) Proposed Kawakhali I riverbed sand & stone mining project in Balason river bed in area of 3.8 Ha. at Mouza – Kawakhali-I, JL. No. – 75, Plot No – 399(P), 407(P), 408(P), 410(P), 418(P), P.S. - Matigara, Dist. – Darjeeling, West Bengal by **Shri Mahesh Gandhi, M/s. Rainbow Infrastructure & Housing Development Ltd.**

Proposal No. :- SIA/WB/MIN/408885/2022, File No. : EN/T-II-1/104/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/408885/2022** dated **04 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 61st meeting held on 04.01.2023. The SEAC observed that the plot area for the proposed project (geo-coordinates) as per the approved Mine Plan does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded cluster certificate from the competent authority and Pre-Feasibility Report. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Shri Mahesh Gandhi, M/s. Rainbow Infrastructure & Housing Development Ltd** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Darjeeling		Kauakhali

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(13) Proposed Kawakhali II riverbed sand & stone mining project in Balason river bed in area of 4 Ha. at Mouza – Kawakhali-II, JL. No. – 75, Plot No – 399(P), 407(P), 408(P), 410(P), 418(P), P.S. - Matigara, Dist. – Darjeeling, West Bengal by **Shri Mahesh Gandhi, M/s. Rainbow Infrastructure & Housing Development Ltd.**

Proposal No. :- SIA/WB/MIN/408992/2022, File No. : EN/T-II-1/101/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/408992/2022** dated **04 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 61st meeting held on 04.01.2023. The SEAC observed that the plot area for the proposed project (geo-coordinates) as per the approved Mine Plan does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded cluster certificate from the competent authority and Pre-Feasibility Report. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Shri Mahesh Gandhi, M/s. Rainbow Infrastructure & Housing Development Ltd** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Darjeeling		Kauakhali

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(14) Proposed Patiram (Part-III) Sand mining project of Area 2.5 Ha. in Balason river at Plot No. 291, 317, 318, 321, 329, Mouza – Patiram, JL No. 77, PS – Matigara, Dist – Darjeeling, West Bengal by **Shri Mahesh Gandhi, M/s. Rainbow Infrastructure & Housing Development Ltd.**

Proposal No. :- SIA/WB/MIN/409024/2022, File No. : EN/T-II-1/106/2022, Type-EC

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/MIN/409024/2022** dated **04 Dec 2022** seeking environment clearance under the provisions of the EIA Notification, 2006 for the above-mentioned project. The proposed project activity is listed at SL. No. **1(a) Mining of minerals** under Category "**B2**" of EIA Notification 2006.

SEAC recommended for rejection of the proposed project for Environmental Clearance during its 61st meeting held on 04.01.2023. The SEAC observed that the plot area for the proposed project (geo-coordinates) as per the approved Mine Plan does not fall within the potential zone of the approved District Survey Report (DSR). Also, the PP has not uploaded cluster certificate from the competent authority and Pre-Feasibility Report. Therefore, the committee recommended that the present proposal should be rejected.

PROJECT DETAILS

The project of **Shri Mahesh Gandhi, M/s. Rainbow Infrastructure & Housing Development Ltd** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Darjeeling		Patiram

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

The EC application is rejected.

CONCLUSION

Rejected.

(15) Proposed Terms of Reference for the existing Rolling Mill of capacity 1,20,000 TPA at its project site located at Village – Ghutgoria, Kadasole, Barjora, District – Bankura, West Bengal, PIN – 722 202 by **M/s. Surya Alloy Industries Ltd.**

Proposal No. :- SIA/WB/IND1/409624/2022, File No. : EN/T-II-1/079/2022, Type-TOR

INTRODUCTION

The proponent made online application vide proposal no. **SIA/WB/IND1/409624/2022** dated **07 Dec 2022** seeking Terms of reference (TOR) under the provisions of the EIA Notification, 2006 for the above mentioned proposed project.

The SEAC during its 59th meeting held on 21.12.2022 recommended the proposal for Standard Terms of Reference for conducting EIA study for the project as per the provision of EIA Notification, 2006 and its amendments along with the following additional conditions:-

- a) DFO certified plantation plan (along with survival plan) for greenbelt development for at least 33% of the plot area on virgin soil.
- b) 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.
- c) The EIA report should be based on primary baseline data to be collected afresh after receipt of ToR.
- d) Drone photographs of the sites showing present condition alongwith abutting area and structures.
- e) Display board for displaying environmental parameters and beneficiary of the social component of EMP should be provided.

PROJECT DETAILS

The project of **M/s. Surya Alloy Industries Ltd** located in as follows :

S. No.	State	District	Tehsil	Village
(1.)	West Bengal	Bankura		Ghutgoria, Kadasole, Barjora

The salient features of the project submitted by the project proponent is available at [Report](#) under online proposal no. **SIA/WB/IND1/409624/2022**.

DELIBERATION IN SEIAA

SEIAA considered the recommendation of SEAC and accepted the same.

RECOMMENDATIONS OF SEIAA

SEIAA approved the proposal for ToR.

CONCLUSION

Approved ToR.

Conditions

A. STANDARD TERMS OF REFERENCE

1. Executive Summary (Annexure – 1)

2. Introduction

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

3. Project Description

- i. Cost of project and time of completion.
- ii. Products with capacities for the proposed project.
- iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
- iv. List of raw materials required and their source along with mode of transportation.
- v. Other chemicals and materials required with quantities and storage capacities
- vi. Details of Emission, effluents, hazardous waste generation and their management.
- vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
- viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
- ix. Hazard identification and details of proposed safety systems.
- x. Expansion/modernization proposals:
 - a) Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing Iexisting operation of the project from SPCB shall be attached with the EIA-EMP report.
 - b) In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

4. Site Details

- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
- ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
- iii. Details w.r.t. option analysis for selection of site
- iv. Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.

- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
- ix. A list of major industries with name and type within study area (10km radius) shall be
- x. incorporated. Land use details of the study area
- xi. Geological features and Geo-hydrological status of the study area shall be included.
- xii. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
- xiii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xiv. R&R details in respect of land in line with state Government policy.

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

- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
- ii. Landuse map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha)
- iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
- iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
- v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area.
- vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.

6. Environmental Status

- i. Determination of atmospheric inversion level at the project site and site-specific micrometeorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
- ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
- iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
- v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.

- vi. Ground water monitoring at minimum at 8 locations shall be included.
- vii. Noise levels monitoring at 8 locations within the study area.
- viii. Soil Characteristic as per CPCB guidelines.
- ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
- x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- xi. Socio-economic status of the study area.

7. Impact and Environment Management Plan

- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- ii. Water Quality modelling - in case of discharge in water body
- iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum- rail transport shall be examined.
- iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
- v. Details of stack emission and action plan for control of emissions to meet standards.
- vi. Measures for fugitive emission control
- vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
- x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
- xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
- xii. Action plan for post-project environmental monitoring shall be submitted.
- xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.

8. Occupational health

- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers

- ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
- iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
- iv. Annual report of health status of workers with special reference to Occupational Health and Safety.

9. Corporate Environment Policy

- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
- ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
- iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
- iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large. This reporting mechanism shall be detailed in the EIA report

10. Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.

11. Environment Management Plan (EMP)

- i. The project proponent should submit the proposed EMP on six monthly basis. The office Memorandum issued by the MoEF&CC vide F.No.22-65/2017-IA, III dated 30/09/2020 should be strictly followed.

12. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.

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

B. Additional Terms of Reference

- a. DFO certified plantation plan (along with survival plan) for greenbelt development for at least 33% of the plot area on virgin soil.
- b. Certified Compliance Report (CCR) stating complete compliance with the provisions laid down in MoEF&CC O F No. IA3-22/10/2022-IA.III[E 177258] dated 08.06.2022.
- c. The EIA report should be based on primary baseline data to be collected afresh after receipt of ToR.
- d. Drone photographs of the sites showing present condition alongwith abutting area and structures.
- e. Display board for displaying environmental parameters and beneficiary of the social component of EMP should be provided.

A. SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR METALLURGICAL INDUSTRIES (FERROUS & NON-FERROUS)

- 1) Complete process flow diagram describing each unit, its processes and operations, along with material and energy inputs & outputs (material and energy balance).
- 2) Details on blast furnace/ open hearth furnace/ basic oxygen furnace/ladle refining, casting and rolling plants etc.
- 3) Details on installation/activation of opacity meters with recording with proper calibration system
- 4) Details on toxic metals including mercury, arsenic and fluoride emissions
- 5) Details on stack height requirement for integrated steel
- 6) Details on ash disposal and management -Non-ferrous metal
- 7) Complete process flow diagram describing production of lead/zinc/copper/ aluminium, etc.
- 8) Raw materials substitution or elimination
- 9) Details on smelting, thermal refining, melting, slag fuming, and Waelz kiln operation
- 10) Details on Holding and de-gassing of molten metal from primary and secondary aluminium, materials pre-treatment, and from melting and smelting of secondary aluminium
- 11) Details on solvent recycling
- 12) Details on precious metals recovery
- 13) Details on composition, generation and utilization of waste/fuel gases from coke oven plant and their utilization.
- 14) Details on toxic metal content in the waste material and its composition and end use (particularly of slag).
- 15) Trace metals Mercury, arsenic and fluoride emissions in the raw material.
- 16) Trace metals in waste material especially slag.
- 17) Plan for trace metal recovery
- 18) Trace metals in water

The ToR is valid for a period of 3 (three) years from the date of issue.

Annexure – 1

Executive Summary

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

- 1) Project name and location (Village, District, State, Industrial Estate (if applicable)).
- 2) Products and capacities. If expansion proposal, then existing products with capacities and reference to earlier EC.
- 3) Requirement of land, raw material, water, power, fuel, with source of supply (Quantitative).
- 4) Process description in brief, specifically indicating the gaseous emission, liquid effluent and solid and hazardous wastes.
- 5) Measures for mitigating the impact on the environment and mode of discharge or disposal.
- 6) Capital cost of the project, estimated time of completion.
- 7) Site selected for the project - Nature of land - Agricultural (single/double crop), barren, Govt./private land, status of acquisition, nearby (in 2-3 km.) water body, population, within 10km. other industries, forest, eco-sensitive zone, accessibility, (note - in case of industrial estate this information may not be necessary).

8)	Baseline environmental data - air quality, surface and ground water quality, soil characteristic, flora and fauna, social and economic condition of the nearby population.
9)	Identification of hazards in handling, processing and storage of hazardous material and safety system provided to mitigate the risk.
10)	Likely impact of the project on air, water, land, flora-fauna and nearby population.
11)	Emergency preparedness plan in case of natural or in plant emergencies.
12)	Issues raised during public hearing (if applicable) and response given.
13)	Environment Management Plan (EMP) as per Office Memorandum issued by the MoEF & CC vide F. No. 22-65/2019-IA.III dated 30.09.2020 with proposed expenditure.
14)	Occupational Health Measures.
15)	Post project monitoring plan.

MISCELLANEOUS

1. Applications received from several numbers of sand mining projects seeking extension of validity of EC obtained from DEIAA.

Following is the list of project proponents who have applied for extension of the validity of their EC obtained from DEIAA:

Sl. No.	Project details	EC No. and date issued by DEIAA	Project proponent name & address
1.	Sand mine having area of 4.71 acre with production capacity of 282600 cft/annum at Sand Block Khandaghosh/Atkulla/1328(P), 1318(P) & Ors./ over Plot No. 1328(P), 1318 (P) & Ors., JL No. 64, Mouza – Atkulla, PS – Khandaghosh, Dist. – Purba Bardhaman vide Auction ID No. 2017_WB_235	Misc./443/MM/DEIAA/ /2018 dated 24.04.2018	Mr. Avisek Mondal, Vill Bora, PO – Dahira, PS – Sainthia, Birbhum – 713234.
2.	Sand mine having area of 10.20 acre with production capacity of 612000 cft/annum at Khandaghosh/Gaitanpur/1585(P), 1556(P), 1557 & Ors./ over Plot No. 1585(P), 1556(P), 1557 & Ors., JL No. 65, Mouza – Gaitanpur, PS – Khandaghosh, Dist. – Purba	Misc./1329/MM/DEIAA/ /2018 dated 05.12.2018	Mr. Anupam Panja, Vill – Gaitanpur, PO – Kamalpur, PS – Khandaghosh, Purba Bardhaman.

	Bardhaman vide Auction ID No. 2017_WB_104.		
3.	Sand mine having area of 5 acre with production capacity of 300000 cft/annum at Plot No. 1102(P), JL No. 158, Mouza – JUJUTI, PS – GALSI-II, Dist. – Purba Bardhaman.	Misc./53/MM/DEIAA/981/2017 dated 21.06.2017.	Mr. Ashim Kumar Panja, Vill – Gaitanpur, Post – Kamalpur, Purba Bardhaman.
4.	Sand mine having area of 5 acre with production capacity of 300000 cft/annum at Plot No. 1102(P), JL No. 158, Mouza – JUJUTI, PS – GALSI-II, Dist. – Purba Bardhaman.	Misc./53/MM/DEIAA/979/2017 dated 21.06.2017.	Mr. Shyamali Panja, Vill – Gaitanpur, Post – Kamalpur, Purba Bardhaman.
5.	Sand mine having area of 4.22 acre with production capacity of 253200 cft/annum at Plot No. 1091(P), 1(P), JL No. 89, Mouza – Maliyara, PS – Mangalkote, Dist. – Purba Bardhaman.	Misc./217/MM/DEIAA//2018 dated 22.02.2018.	Sk. Ardes, Vill+PO – Chekulia, Purba Bardhaman - 713147.
6.	Sand mine having area of 2.05 acre with production capacity of 123000 cft/annum at Plot No. 753(P), JL No. 121, Mouza – BEGUNKOLA, PS – KETUGRAM, Dist. – Burdwan.	Misc./53/MM/DEIAA/548/2017 dated 22.03.2017.	Kalu Roy Enterprise, Prop. – Mihir Kumar Ghosh, Vill – Bandra, PO – Katwa, Burdwan - 713130.
7.	Sand mine having area of 2.28 acre with production capacity of 136800 cft/annum at Plot No. 511(P), JL No. 1, Mouza – Sunea, PS – Katwa-I, Dist. – Purba Bardhaman.	Misc./1433/MM/DEIAA//2017 dated 21.09.2017.	Kalu Roy Enterprise, Vill – Bandra, PO – Katwa, City – Burdwan, Purba Bardhaman - 713130.
8.	Sand mine having area of 9.9 acre with production capacity of 594000 cft/annum at Plot No. 906(P), JL No. 99, Mouza – SHYAMBAZAR, PS – MANGALKOTE, Dist. –Burdwan.	Misc./53/MM/DEIAA/553/2017 dated 22.03.2017.	Mr. Binoy Dhara, Vill – Jajigram, PO – Khajurdhi, PS – Katwa, Purba Bardhaman - 713150.
9.	Sand mine having area of 6.759 acre with production capacity of 405600 cft/annum at plot no-1892&OrS., J.L No.65, Mouza- Gaitanpur, P.S.- Khandaghosh, Dist.- Purba Bardhaman, West Bengal	Misc./53/MM/DEIAA/225 /2017 dated 27.07.2017	Mr. Arup Kumar Ghosh,Narattambati, Eklakshmi, Madhabdihi, City-Burdwan, Dist.- Purba Bardhaman Pin-713427

10.	Sand mine having area of 6.70 acre with production capacity of 402000 cft/annum at plot no-11830(P), 1836(P), 1838,1839,1840(P),1871(P),1872,1873,1874,1875(P),1883(P),1885(P), 1886(P),1887(P),1996(P),1997(P), J.L No.32, Mouza- Bongpur, , P.S.- Bardhaman-1, Dist.- Purba Bardhaman, West Bengal	Misc./448/MM/DEIAA /2018 dated 24.04.2018	Mr. Manirul Mondal,Vill.- Aymapara, P.O.- Chakuliya, P.S.- Mongalkote, Dist.- Burdwan
11.	Sand mine having area of 2.53 acre with production capacity of 151800 cft/annum at plot no-495(P), 496(P), 518(P),, J.L No.046, Mouza- Chanchal, P.S.- Menari, Dist.- Bardhaman, West Bengal	Misc./432/MM/DEIAA /2017 dated 06.03.2017	Shri Soumen Basu Vill.- Chanchai, Comp No.-1 P.O.- Palla, P.S.- Memari, Dist. Burdwan, West Bengal
12.	Sand mine having area at plot no-10292(P) Ors., J.L No.79, Mouza- Kamalpur, P.S.- Khandaghossh, Dist.- Purba Bardhaman, West Bengal	Misc./1412/MM/DEIAA/ /2017 dated 21.09.2017	Mr. Mohan Chowdhury, Vill.- Idilpur, P.O.- Kanchannagar, City- Bardhaman,Dist.- Purba Bardhaman
13.	Sand mine having area of 5 acre with production capacity of 300000 cft/annum at Plot No. 1832(P), JL No. 165, Mouza – DAKSHIN GOPALPUR, PS – BWN-II, Dist. – Purba Bardhaman.	Misc./53/MM/DEIAA/977/2017 dated 21.06.2017.	Purnima Porel, Vill – Gopalpur, PO – Barsul, Purba Bardhaman.
14.	Sand mine having area of 2.00 acre with production capacity of 120000 cft/annum at Plot No. 4033(P), 4035(P), 4115(P), JL No. 45, Mouza – Palla, PS – Memari, Dist. –Burdwan.	Misc./53/MM/DEIAA/357/2017 dated 27.02.2017.	Mr. Soumen Basu, Vill – Chanchal, Camp No. – I, PO – Palla, PS – Memari, Dist. – Burdwan.
15.	Sand mine having area of 5.07 acre with production capacity of 304200 cft/annum at Plot No. 380(P), JL No. 206, Mouza – Narasinhapur, PS – Madhabdihi, Dist. – Purba Bardhaman.	Misc./1328/MM/DEIAA//2018 dated 05.12.2018.	Mr. Basudeb Majhi, Vill – Jorbandh, PO – Surekalna, PS – Jamalpur, Dist - Purba Bardhaman - 713408.

It is to be noted that all the project proponents need to apply online in the PARIVESH portal for extension of validity of EC by uploading the requisite documents. No offline application can be dealt by SEIAA.