



File No: IA-J-11011/55/2026-IA-II (Ind-I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 22/10/2026



To,

M/s. NAKSHIT IRON & STEEL PRIVATE LIMITED
 238B, A.J.C.BOSE ROAD, 3RD FLOOR, , KOLKATA, WEST BENGAL, 700020
 E-mail: nakshitiron.parivesh@gmail.com

Subject: Establishment of Greenfield Steel Plant comprising of Pellet Plant of 12,00,000 TPA, Sponge Iron of 10,89,000 TPA, Hot Billets/Ingots through IF-5,23,000 TPA & through EAF- 2,67,000 TPA, Merchant Rolling Mill -Structure- Light/Heavy, Pipes- ERW/GI Pipe/ Seamless, TMT, Wire Rod, Round- with RHF of 4,95,000 TPA, Producer Gas Plant for Pellet plant & Rolling mill) of 5 x 6500 Nm³/hr, SEAFs of 4 x 9 MVA (FeSi-28,000 TPA / FeMn- 80,000 TPA / SiMn-56,000 TPA / FeCr60,000 TPA/ Pig Iron-96,000TPA), Briquetting Plant of 200 kg/hr, WHRB Power Plant-105 MW, FBC Power Plant-40 MW, Forging Plant of 50,000 TPA, Fly Ash Brick unit (72,000 Bricks/Day) by M/s. Nakshit Iron and Steel Pvt Ltd, located at Durmut Village, Raghunathpur-1 Tehsil, Raghunathpur, Purulia District, West Bengal - Consideration of EC – Reg.

Sir/Madam,

This is in reference to your application submitted to Ministry vide proposal number IA/WB/IND1/588785/2026 dated 31/08/2026 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC26A1005WB5329937N
(ii) File No.	IA-J-11011/55/2026-IA-II (Ind-I)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	3(a) Metallurgical Industries (ferrous and non ferrous),1(d) Thermal Power Plants,1(d) Thermal Power Plants
(vi) Sector	Industrial Projects - 1
(vii) Name of Project	Greenfield Steel Plant-Pellet Plant-12,00,000 TPA, Sponge Iron-10,89,000 TPA, Hot Billets/Ingots through IF-5,23,000 TPA & through EAF- 2,67,000 TPA, Merchant Rolling Mill -Structure-

	Light/Heavy, Pipes- ERW/GI Pipe/Seamless, TMT, Wire Rod, Round- with RHF of 4,95,000 TPA, PGP for Pellet plant & Rolling mill-5 x 6500 Nm ³ /hr, SEAFs of 4 x 9 MVA (FeSi/ FeMn/SiMn/FeCr/Pig Iron), Briquetting Plant of 200 kg/hr, WHRB-105 MW, FBC-40 MW, Forging Plant of 50,000TPA, Fly Ash Brick (72,000 Bricks/Day)
(viii) Name of Company/Organization	NAKSHIT IRON & STEEL PRIVATE LIMITED
(ix) Location of Project (District, State)	PURULIA, WEST BENGAL
(x) Issuing Authority	
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. The proposed project activity is listed at schedule no. 3(a) Metallurgical industries (ferrous and non-ferrous) and 1(d) Thermal Power Plants under Category “A” of the schedule of the EIA Notification, 2006 and appraised at Central Level.

4. The instant proposal is considered in 35th EAC held during 09th – 10th September, 2026, wherein after detailed deliberations, the committee recommended the proposal for grant of Environment Clearance under the provisions of EIA Notification, 2006 subject to the stipulation of specific conditions and general conditions. The EAC proceedings of the said meeting can be seen using the following web link: at <https://parivesh.nic.in>.

5. The details of the proposal are as per the EIA/EMP report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1 Sector) are at **Annexure-II**.

6. The Unit configuration and capacity of the proposed project is at **Annexure-III**.

7. The EAC, in its 35th EAC held during 09th – 10th September, 2026, inter-alia, deliberated the following:

1. The instant proposal is for establishment of Greenfield Steel Plant comprising of Pellet Plant of 12,00,000 TPA, Sponge Iron of 10,89,000 TPA, Hot Billets/Ingots through IF-5,23,000 TPA & through EAF- 2,67,000 TPA, Merchant Rolling Mill -Structure- Light/Heavy, Pipes- ERW/GI Pipe/ Seamless, TMT, Wire Rod, Round- with RHF of 4,95,000 TPA, Producer Gas Plant for Pellet plant & Rolling mill) of 5 x 6500 Nm³ /hr, SEAFs of 4 x 9 MVA (FeSi28,000 TPA / FeMn- 80,000 TPA / SiMn-56,000 TPA / FeCr- 60,000 TPA/ Pig Iron96,000TPA), Briquetting Plant of 200 kg/hr, WHRB Power Plant-105 MW, FBC Power Plant-40 MW, Forging Plant of 50,000 TPA, Fly Ash Brick unit (72,000 Bricks/Day).

2. The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP reports. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

3. The Committee noted that the EIA reports are in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components. The Committee deliberated on the proposed mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee suggested that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices.

4. The EAC also took into consideration the drone survey of the project site and kml file on the Google Earth presented by the project proponent along with DSS of the project site on PARIVESH and made following

deliberations accordingly.

5. The Committee noted that the project is a greenfield proposal. Accordingly, SPCB furnished its comments vide letter dated 01.07.2026. The EAC appraised the proposal taking into consideration the comment of SPCB and suggested environmental safeguard measures alongwith the mitigation measures proposed by the project proponent w.r.t. the proposed site and nearby sensitive receptors. The EAC also reviewed the compliance statement submitted by the project proponent regarding aspects such as land acquisition status / presence of streams or nallahs within the site / validity of baseline data / validity of the Certified Compliance Report / validity of the Public Hearing (PH), among other relevant factors. Upon examination, the Committee found the submission satisfactory for further appraisal of the proposal.

6. The total land envisaged for the proposed project is 59.893 Ha. (148.00 Acres) and same is allotted by West Bengal Industrial Development Corporation Ltd. (WBIDC Ltd.) vide Possession Letter no. WBIDC/IP/JSK/Amit Metalicks/2024/2025/749 dated 23rd July, 2025.

7. The Committee noted the presence of habitation and other environmentally sensitive areas within the study area of the project site. In this regard, it is reported that the nearest habitations are Joradih village, located at a distance of approximately 0.04 km in the SW direction, followed by Durmut village at 0.13 km in the E direction, Bathan village at 0.46 km in the NW direction and Nutandih village at 0.90 km in the SE direction. The nearest education institute, Bathan S.S.K. School, is located at a distance of approximately 0.46 km in the NW direction from the project site. Further, an Unnamed Protected Forest is located at a distance of approximately 0.02 km in the W direction from the project site, followed by Chatar Protected Forest at 1.53 km in the SEE direction, Indira Pahari Protected Forest at 1.80 km in the SEE direction and Senara Reserved Forest at 3.30 km in the SEE direction. The Committee opined that the Project Proponent shall identify, village-wise, all sensitive receptors including habitations, places of worship, educational institutions, water bodies, and other vulnerable locations, and shall formulate and implement appropriate environmental safeguard and mitigation measures to minimise adverse impacts of project activities. A village-wise mitigation plan shall be prepared and implemented, along with a separate, clearly defined budget allocation for each affected village.

8. The EAC further opined that the project proponent shall, in consultation with a reputed public health institution/ agency, carry out a baseline and periodic epidemiological study of the nearby villages to assess potential health impacts arising from project activities. Based on the findings, the project proponent shall establish and implement a health monitoring system for regular medical check-ups of the local population, and take suitable preventive and remedial measures to address any adverse health outcomes, with records maintained and reported to the concerned regulatory authorities.

9. Five ponds are located within the project site, which are proposed to be utilized as water harvesting ponds/reservoirs. The EAC opined that PP shall strictly implement the Pond Protection & Ecological Integrity Measures, as proposed. The nearest water bodies in the study area include Uttala Nadi at a distance of approximately 0.67 km in the NW direction, Atta Nadi at 0.70 km in the W direction, Pathartikuri Nadi at 1.05 km in the W direction, Durmut village pond at 0.56 km in the E direction, and Panchet Reservoir at 4.85 km in the NE direction. The EAC opined that robust and foolproof Drainage Conservation measures shall be implemented to protect the natural drainage and its flow parameters; along with Soil conservation and Erosion control measures for all the water bodies.

10. The water requirement for the proposed project is estimated as 10,290 KLD which will be met from Panchet Reservoir. The EAC opined that the PP shall secure the required approval from appropriate authority.

11. The Committee also deliberated on the public hearing issues, and the socio-economic Development plan, with allocation of Rs. 54 crores for implementation of the commitments made during Public Hearing and found it satisfactory. The EAC further advised that all the assets created by the company through PH Action Plan shall be maintained by the company under CSR funds / any other defined fund.

12. The EAC opined that PP shall implement skill development programs in a way to align with relevant Government initiatives (like Mission LiFE, ODOP, GSDP etc.) to enhance employability and livelihood opportunities for local communities. These programs shall be designed in consultation with the concerned authorities, such as the District Skill Development Mission, State Government agencies, or other relevant institutions. With regard to the above, PP shall chalk out a detailed action plan and monitoring mechanism, which shall include details target beneficiaries, training modules, expected outcomes, and periodic progress reports shall be maintained and submitted to RO MoEFCC.

13. The PP reported that greenbelt will be developed in 15.217 Ha. which is about 25.41% of the total project area. Total no. of 39,470 saplings will be planted and nurtured in 15.217 hectares in 3 years. Thus, EAC deliberated on the greenbelt action plan and opined that greenbelt shall be developed and maintained in 15.217 ha (25.41% of total project area) as per the commitment, within a period of 2 years in conformity with MoEF&CC's OM vide F.No. IA3-22/14/2025-IA.III (E-275538) dated 29.10.2025.

14. The committee deliberated on the details of carbon foot prints and carbon sequestration study w.r.t. proposed project and found it satisfactory.

15. The Committee noted that the Solid Waste Management Rules, 2026 have been notified and came into force with effect from 1st April, 2026. The EAC opined that the Solid Waste Management Plan for the proposed project shall be formulated in consonance with the provisions of the Solid Waste Management Rules, 2026, and the same shall be implemented.

16. The Committee also deliberated upon the comments of the State Pollution Control Board and emphasized that the same shall be duly addressed and incorporated in the Environmental Clearance conditions, as applicable.

17. The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for grant of environmental clearance.

18. The environmental clearance recommended to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. It does not tantamount/construe to approvals/consent/permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

19. The EAC also reviewed the EC conditions (specific and general) pertaining to Industry-I projects and observed that some of the specific conditions stipulated so far in the previously recommended EC projects are common and applicable to most of the projects in general. In view of the same, the General Conditions (in case of EC projects) have been revised through reallocation of these common conditions from specific to General Conditions (in case of EC projects). Accordingly, the instant project is also being stipulated with the modified General conditions.

8. The EAC (Industry-1 Sector), in its 35th EAC held during 09th – 10th September, 2026, based on information & clarifications provided by the project proponent and after detailed deliberations **recommended** the proposal for grant of Environment Clearance subject to stipulation of specific and general EC conditions as detailed in the point below.

9. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1 Sector) hereby decided to grant **Environment Clearance for instant proposal of M/s.**

Nakshit Iron and Steel Pvt. Ltd. under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions (**Annexure-I**).

10. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

11. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

12. Any appeal against this environmental clearance 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.

13. 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.

14. This issues with approval of the competent authority.

(Dr. Sonu Singh)
Scientist 'E'/Additional Director
Tel: 011-20819346
E-mail: sonu.singh@nic.in

Copy to: -

1. The Principal Secretary, Department of Environment, Government of West Bengal, Prani Sampad Bhavan, 5th Floor, LB-2, Sector-III, Salt Lake, Kolkata-700098.
2. The Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Sub Office, IB-198, Sector-III, Salt Lake City, Kolkata-700106.
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
4. The Chief Wildlife Warden, Govt. of West Bengal, Bikash Bhawan, North Block, 3rd Floor, Salt Lake City, Kolkata – 700 091.
5. The Chairman, West Bengal Pollution Control Board, Paribesh Bhawan, 10A, Block-LA, Sector-III, Bidhannagar, Kolkata-700 106
6. The Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
7. The District Collector, Purulia District, West Bengal.
8. MoEF&CC websiteMonitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.
9. Guard File/Monitoring File/Website/Record File/Parivesh Portal.

Copy To

1. The Member Secretary, CGWA, 18/11 Jamnagar House Man Singh Road, Central, Delhi, cgwa@nic.in
2. The Member Secretary, CPCB, Parivesh Bhawan Cbd-Cum-Office Complex East Arjun Nagar, East, Delhi, mscb.cpcb@nic.in
3. The Monitoring Cell MoEFCC, Compliance & Monitoring Division, Indira Paryavaran Bhawan Jor Bagh Road New

Specific EC Conditions for (Metallurgical Industries (Ferrous And Non Ferrous))**1. Specific**

S. No	EC Conditions
1.1	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.
1.2	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
1.3	The project proponent shall utilize modern technologies for capturing carbon emission and shall also develop adequate carbon sink/ carbon sequestration resources with an aim to meet the carbon neutrality mission in a time bound manner. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
1.4	All the directions and environmental safeguards prescribed by the SPCB vide letter dated 01.07.2026 for the instant proposal in pursuance to the MoEF&CC O.M. dated 14.01.2025 and its subsequent amendment shall be complied with. Compliance in this regard shall be submitted to the Regional Office of MoEF&CC/SPCB along with the six-monthly compliance report.
1.5	Joradih village is located at a distance of approximately 0.04 km in the SW direction, followed by Durmut village at 0.13 km in the E direction, Bathan village at 0.46 km in the NW direction and Nutandih village at 0.90 km in the SE direction. The nearest education institute, Bathan S.S.K. School, is located at a distance of approximately 0.46 km in the NW direction from the project site. Further, an Unnamed Protected Forest is located at a distance of approximately 0.02 km in the W direction from the project site. PP has reported that NOC from Forest Department has been obtained vide Memo No. 1686/8-4 dated 19-06-2026. Further, Chatar Protected Forest at 1.53 km in the SEE direction, Indira Pahari Protected Forest at 1.80 km in the SEE direction and Senara Reserved Forest at 3.30 km in the SEE direction along with other sensitive area within the study area of the project site. Project Proponent shall implement a village-wise plan for implementation of environmental safeguards and mitigation measures for habitations falling within 3 km radial distance. The plan shall address environmentally sensitive receptors, covering villages, places of worship, educational institutions, hospitals, water bodies, forests, ASI site, and other environmentally vulnerable locations. The plan shall address each receptor individually to address adverse impacts of project activities. The PP shall also include some of these locations in its environmental monitoring programme.
1.6	PP shall strictly comply with the conditions of the NOC issued by DFO for Protected Forest.
1.7	Project Proponent shall, in consultation with a reputed public health institution/agency, carry out a baseline and periodic epidemiological study of the nearby villages to assess potential health impacts arising from project activities. Based on the findings, the project proponent shall establish and implement a health monitoring system for regular medical check-ups of the local population, and take suitable preventive and remedial measures to address any adverse health outcomes, with

S. No	EC Conditions
	records maintained and reported to the concerned regulatory authorities.
1.8	Five ponds are located within the project site, which are proposed to be utilized as water harvesting ponds/reservoirs. PP shall strictly implement the Pond Protection & Ecological Integrity Measures, as proposed. The nearest water bodies in the study area include Uttala Nadi at a distance of approximately 0.67 km in the NW direction, Atta Nadi at 0.70 km in the W direction, Pathartikuri Nadi at 1.05 km in the W direction, Durmut village pond at 0.56 km in the E direction, and Panchet Reservoir at 4.85 km in the NE direction. Robust and foolproof Drainage Conservation measures shall be implemented to protect the natural drainage and its flow parameters; along with Soil conservation and Erosion control measures for all the water bodies.
1.9	The water requirement for the proposed project is estimated as 10,290 KLD which will be met from Panchet Reservoir. PP shall secure the required approval from the appropriate authority.
1.10	Green Belt shall be developed and maintained in 15.217 ha (25.41% of total project area) as per the commitment, within a period of 2 years in conformity with MoEF&CC's OM vide F.No. IA3-22/14/2025-IA.III (E-275538) dated 29.10.2025. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
1.11	The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked area as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at (https://merilife.nic.in).
1.12	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 shall be strictly implemented, which is amounting to approx. Rs. 54 Crores. The action plan shall also cover activities related to (i) promotion of environmental education and awareness (including green skills), and (ii) sub-plan to address the vulnerable sections (such as the elderly, children, pregnant women, persons with disabilities, and the terminally ill). An institutional mechanism shall be developed for monitoring the implementation of the commitments made, which shall also manage and address public grievances. All the assets created by the company through PH Action Plan shall be maintained by the company under CSR funds / any other defined fund. The progress of implementation of PH Action plan and grievance redressal shall be submitted regularly to the Regional Office of MoEF&CC.
1.13	PP shall implement the skill development programs, in alignment with relevant Government initiatives/ programmes (like Mission LiFE, ODOP, GSDP etc.) to enhance employability and livelihood opportunities for local communities. These programs shall be designed in consultation with the concerned authorities, such as the District Skill Development Mission, State Government agencies, or other relevant institutions. A detailed action plan and monitoring mechanism (covering target beneficiaries, training modules, and expected outcomes) be prepared for the above. Periodic progress reports shall be maintained, and submitted to RO MoEFCC.
1.14	The Solid Waste Management Plan for the proposed project shall be implemented in accordance with the Solid Waste Management Rules, 2026 (effective from 1st April, 2026), as amended from time to time. Detailed provisions for segregation, collection, storage, processing, treatment and disposal of solid waste, along with institutional mechanism and compliance framework, shall be prepared and implemented.

S. No	EC Conditions
1.15	PP shall Install CO sensors with alarms at strategic locations in the Plant.
1.16	PP shall implement cleaner production and waste minimisation measures, and initiate coordinated action on activities of environmental awareness, education and conservation (covering plantation, solar energy, water harvesting, waste management, green skills etc.) through a dedicated institutional mechanism. The actions shall be monitored reported to RO MoEFCC on regular basis through the self compliance reporting mechanism.
1.17	The project proponent shall conduct periodic soil health monitoring in and around the plant premises, including agricultural fields within a 5 km radius, to assess potential impacts from industrial operations. Soil samples shall be analyzed at least twice a year for parameters including pH, electrical conductivity, organic carbon, macronutrients (N, P, K), micronutrients (Zn, Fe, Mn, Cu), and heavy metals (As, F, Pb, Hg, Cd, Cr). The results shall be recorded, compiled and submitted to the State Pollution Control Board and Regional Office of MoEF&CC, and remedial measures shall be undertaken in case of any adverse trends.
1.18	PP shall implement a Green Mobility Plan within the plant premises in a phased manner, including the use of electric transport for employees and materials, to minimize vehicular emissions and congestion.
1.19	PP shall install windscreen barriers/ wind-breaking walls along village-facing boundaries to reduce dust dispersion.

Standard EC Conditions for (Metallurgical Industries (ferrous and non ferrous))

1. Statutory Compliance

S. No	EC Conditions
1.1	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.
1.2	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 06 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL

S. No	EC Conditions
	accredited laboratories.
2.2	The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx 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.
2.3	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.
2.4	Sampling facility at process stacks shall be provided as per CPCB guidelines for manual monitoring of emissions.
2.5	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
2.6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
2.7	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
2.8	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
2.9	Recycle and reuse iron ore 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.
2.10	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
2.11	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
2.12	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
2.13	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.
2.14	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.

S. No	EC Conditions
2.15	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
2.16	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
2.17	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.

3. Air Quality Monitoring And Preservation In Case Of Ferro Alloy Plants

S. No	EC Conditions
3.1	Briquetting and Jigging plant shall be installed in Ferro Alloys Plant.
3.2	The PP shall minimize the evaporation losses in jigging operation to less than 10% using suitable advanced process.
3.3	The 4th hole extraction system shall be provided in the Sub Merged Arc Furnaces and EAF.
3.4	Industry is going to use silica quartz in large quantities and going to produce Silico Manganese and Ferro Silicon alloy steel. Therefore, it is necessary to control silica/quartz exposures at production Departments, not only emission norms as per Indian Factories Act. The permissible limit for silica/quartz should be within 10 mg/m ³ for total dust as per Indian Factories Act. Therefore, it is recommended to monitor personal and area exposures for silica quartz dust in the process plants.
3.5	During operational phase at Captive Power Plant, Action Plan to monitor coke/coal dust exposures in different process plants using personal and area air samplers and to compare with permissible limits as per Indian Factories Act, 1948 shall be implemented.
3.6	The coal dust should be monitored at coal unloading, crushing, furnace areas and should be within 2 mg/m ³ , respirable dust fraction containing less than 5% quartz as per Indian Factories Act, 1948.
3.7	Online stack monitoring system for IF and RHF shall be installed and monitoring report shall be submitted to the concerned Regional Office of the MoEF&CC along with the six monthly compliance report.
3.8	Low NO _x Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG.

4. Water Quality Monitoring And Preservation

S. No	EC Conditions
4.1	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 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.
4.2	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.
4.3	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.
4.4	Water meters shall be provided at the inlet to all unit processes in the plants.
4.5	The project proponent shall make efforts to minimise water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.
4.6	The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.
4.7	All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.
4.8	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.

5. Water Quality Monitoring And Preservation In Case Of Rolling Mills

S. No	EC Conditions
5.1	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.
5.2	Air Cooled condensers shall be used in the captive power plant.

6. Noise Monitoring And Prevention

S. No	EC Conditions
6.1	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

S. No	EC Conditions
6.2	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.
6.3	PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948.

7. Energy Conservation Measures

S. No	EC Conditions
7.1	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;
7.2	Provide LED lights in their offices and residential areas.

8. Energy Conservation Measures In Case Of Reheating Furnace

S. No	EC Conditions
8.1	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
8.2	Practice hot charging of slabs and billets/blooms as far as possible.
8.3	Ensure installation of regenerative type burners on all reheating furnaces

9. Energy Conservation Measures In Case Of Dri Kilns (Sponge Iron)

S. No	EC Conditions
9.1	The project proponent shall provide waste heat recovery system on the DRI Kilns.
9.2	The dolochar generated shall be used for power generation.
9.3	Tar shall be recovered from producer gas and shall be sold to registered processors and phenolic water shall be incinerated in After Burn Chamber (ABC) of DRI kilns.
9.4	The PP shall implement the guidelines on sponge iron plants issued by the CPCB/SPCB in this regard.

10. Waste Management

S. No	EC Conditions
10.1	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.
10.2	Kitchen waste shall be composted or converted to biogas for further use.

S. No	EC Conditions
10.3	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 Ministry's Regional Office.
10.4	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
10.5	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
10.6	Solid waste utilization: a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible.

11. Waste Management In Case Of Sinter Plant

S. No	EC Conditions
11.1	SMS slag after metal recovery in waste recycling facility shall be conditioned and used for road making, railway track ballast and other applications. The project proponent shall install a waste recycling facility to recover metallic and flux for recycle to sinter plant. The project proponent shall establish linkage for 100% reuse of rejects from Waste Recycling Plant.
11.2	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.
11.3	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.

12. Green Belt

S. No	EC Conditions
12.1	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.
12.2	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy

S. No	EC Conditions
	transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.
12.3	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

13. Public Hearing And Human Health Issues

S. No	EC Conditions
13.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
13.2	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.
13.3	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.
13.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

14. Environment Management

S. No	EC Conditions
14.1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
14.2	The company shall have a well laid down environmental policy duly approve 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 as a part of six-monthly report.
14.3	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.
14.4	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.

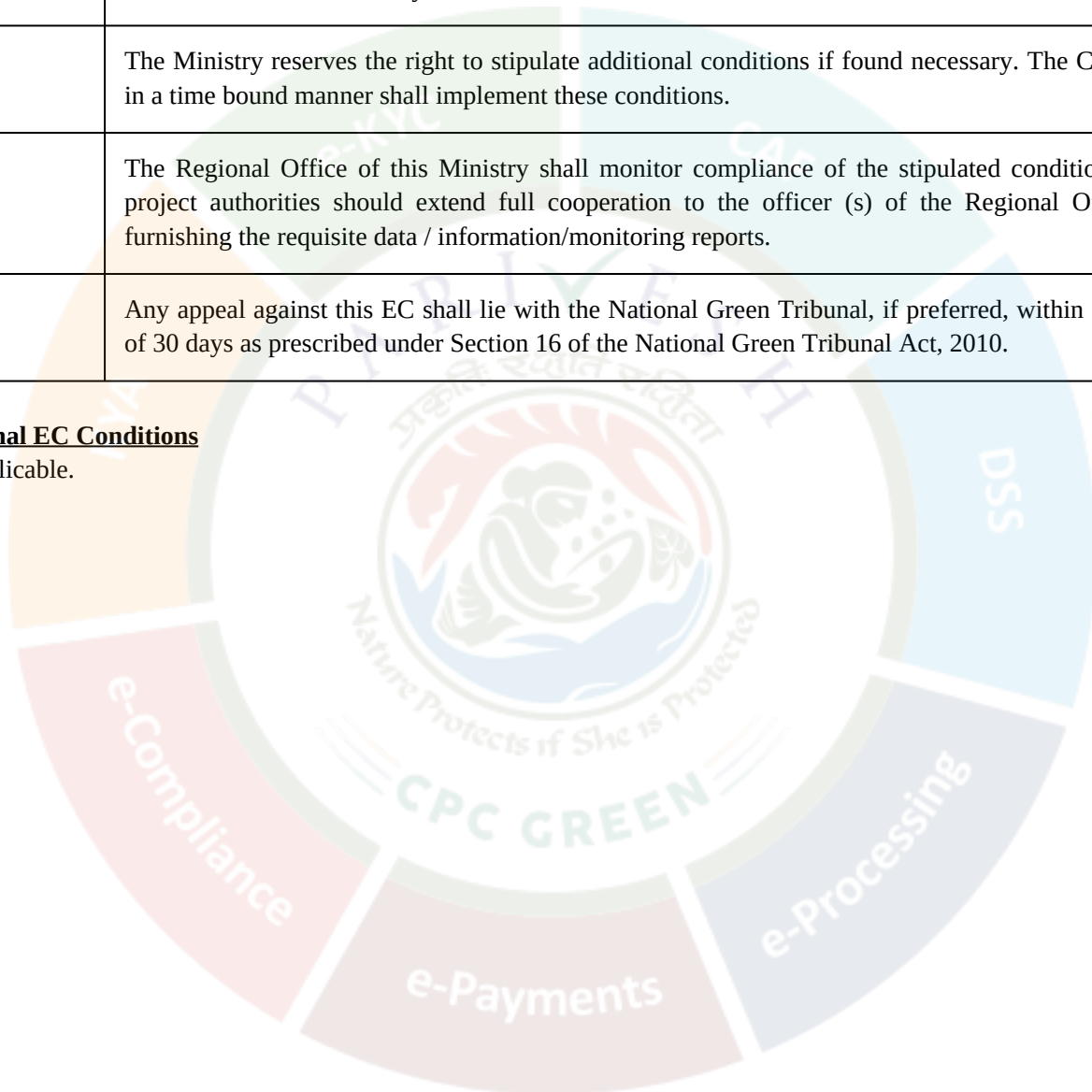
15. Miscellaneous

S. No	EC Conditions
15.1	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.
15.2	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.
15.3	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.
15.4	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.
15.5	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
15.6	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.
15.7	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.
15.8	The project proponent shall inform the Regional Office as well as the Ministry, 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.
15.9	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 Expert Appraisal Committee.
15.10	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
15.11	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.

S. No	EC Conditions
15.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
15.13	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.
15.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
15.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
15.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
15.17	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.

Additional EC Conditions

Not Applicable.



Details of the proposal are as per the EIA/EMP report

S.No.	Particulars	Details	Remarks																					
1.	Total land	Total land identified for the proposed project is 59.893 Ha.	Total Land allotted by WBIDC and possession given on 23rd July, 2025.																					
2.	Land acquisition details as per MoEF&CC O.M. dated October 2014.	Total land envisaged for the proposed project is 59.893 Ha. (148.00 Acres) and same is allotted by West Bengal Industrial Development Corporation Ltd . (WBIDC Ltd.).	Not required as land is allotted by WBIDC Ltd																					
3.	Existence of habitation & involvement of R&R, if any.	Project site: No habitation exists in the plant site Study area: Nearest habitation: <table><tr><th>Name</th><th>Distance (Kms.)</th><th>Direction</th></tr><tr><td>Joradi (V)</td><td>0.04</td><td>SW</td></tr><tr><td>Durmut (v)</td><td>0.13</td><td>E</td></tr><tr><td>Bathan (V)</td><td>0.46</td><td>NW</td></tr><tr><td>Nutandih (V)</td><td>0.90</td><td>SE</td></tr></table>	Name	Distance (Kms.)	Direction	Joradi (V)	0.04	SW	Durmut (v)	0.13	E	Bathan (V)	0.46	NW	Nutandih (V)	0.90	SE	R & R is not applicable						
Name	Distance (Kms.)	Direction																						
Joradi (V)	0.04	SW																						
Durmut (v)	0.13	E																						
Bathan (V)	0.46	NW																						
Nutandih (V)	0.90	SE																						
4.	Latitude and Longitude of the project site	<table><tr><th>S. No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>1.</td><td>23°34'49.79"N</td><td>86°40'3.49"E</td></tr><tr><td>2.</td><td>23°34'25.75"N</td><td>86°40'22.52"E</td></tr><tr><td>3.</td><td>23°34'29.34"N</td><td>86°40'43.81"E</td></tr><tr><td>4.</td><td>23°35'00.93"N</td><td>86°40'21.19"E</td></tr></table>	S. No.	Latitude	Longitude	1.	23°34'49.79"N	86°40'3.49"E	2.	23°34'25.75"N	86°40'22.52"E	3.	23°34'29.34"N	86°40'43.81"E	4.	23°35'00.93"N	86°40'21.19"E	--						
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3.	23°34'29.34"N	86°40'43.81"E																						
4.	23°35'00.93"N	86°40'21.19"E																						
5.	Elevation of the project site	149 m to 155 m	---																					
6.	Involvement of Forest Land, if any	Not applicable as no Forest land is involved in the project site.	---																					
7.	Water body exists within the project site as well as study area	Project Site: 5 nos of ponds exists in project site (will be utilized as water Harvesting ponds and Reservoir) Study area: <table><tr><th>Name</th><th>Distance (Kms.)</th><th>Direction</th></tr><tr><td>5 nos of ponds</td><td>site</td><td>site</td></tr><tr><td>Uttala Nadi</td><td>0.67</td><td>NW</td></tr><tr><td>Pathartikuri Nadi</td><td>1.05</td><td>W</td></tr><tr><td>Atta Nadi</td><td>0.7</td><td>W</td></tr><tr><td>Durmut village pound</td><td>0.56</td><td>E</td></tr><tr><td>Panchet Reservoir</td><td>4.85</td><td>NE</td></tr></table>	Name	Distance (Kms.)	Direction	5 nos of ponds	site	site	Uttala Nadi	0.67	NW	Pathartikuri Nadi	1.05	W	Atta Nadi	0.7	W	Durmut village pound	0.56	E	Panchet Reservoir	4.85	NE	NOC has been obtained from Irrigation & Waterways and is submitted with EIA
Name	Distance (Kms.)	Direction																						
5 nos of ponds	site	site																						
Uttala Nadi	0.67	NW																						
Pathartikuri Nadi	1.05	W																						
Atta Nadi	0.7	W																						
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Panchet Reservoir	4.85	NE																						

S.No.	Particulars	Details			Remarks																																		
		Moutorh Dam	8.0	W																																			
		Bero Lake	9.02	SE																																			
8.	Existence of ESZ / ESA / National Park / Wildlife Sanctuary / Biosphere Reserve / Tiger Reserve / Elephant Reserve etc. if any within the study area	Study Area: <table><tr><th>Name</th><th>Distance</th></tr><tr><td>Nil</td><td>Nil</td></tr></table> Status of NBWL approval: Not applicable List of Reserved and protected forests: <table><tr><th>Forest</th><th>Distance (Kms.)</th><th>Direction</th></tr><tr><td>PF</td><td>0.02</td><td>W</td></tr><tr><td>Chatar PF</td><td>1.53</td><td>SEE</td></tr><tr><td>Indira Pahari PF</td><td>1.8</td><td>SEE</td></tr><tr><td>Senara RF</td><td>3.3</td><td>SEE</td></tr><tr><td>Brindabanpur RF</td><td>7.5</td><td>SEE</td></tr><tr><td>Mukti PF</td><td>9.3</td><td>E</td></tr><tr><td>Panchet RF</td><td>8.1</td><td>NE</td></tr><tr><td>Babugra PF</td><td>7.2</td><td>SW</td></tr><tr><td>Kang Forest</td><td>9.03</td><td>S</td></tr></table>			Name	Distance	Nil	Nil	Forest	Distance (Kms.)	Direction	PF	0.02	W	Chatar PF	1.53	SEE	Indira Pahari PF	1.8	SEE	Senara RF	3.3	SEE	Brindabanpur RF	7.5	SEE	Mukti PF	9.3	E	Panchet RF	8.1	NE	Babugra PF	7.2	SW	Kang Forest	9.03	S	NOC has been obtained from DFO for Protected Forest which is situated at a distance of 0.02 Km. and is submitted with EIA
Name	Distance																																						
Nil	Nil																																						
Forest	Distance (Kms.)	Direction																																					
PF	0.02	W																																					
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Panchet RF	8.1	NE																																					
Babugra PF	7.2	SW																																					
Kang Forest	9.03	S																																					

Unit configuration and capacity

S.No.	Units (Products)	Plant Configuration	Production Capacity
1.	Pelletization Plant (Pellets)	12,00,000 TPA	12,00,000 TPA
2.	DRI Kilns (Sponge Iron)	2 x 650 TPD & 2 x 1000 TPD	10,89,000 TPA
3.	Induction Furnaces with LRF, CCM, AOD, BOF (Hot Billets / Billets / Ingots)	8x 22 T	5,23,000 TPA
4.	EAF (Hot Billets / Billets / Ingots)	3 x 30 T	2,67,000 TPA
5.	Merchant Rolling Mill- Structure-Light/Heavy, Pipe-ERW/GI/Seamless , TMT, Wire Rod, Round (85% Hot charging with Hot Billets and 15% through RHF with PG / LDO)	1 x 1500 TPD	4,95,000 TPA
6.	Submerged Electric Arc Furnace (FeSi / FeMn / SiMn / FeCr / Pig Iron)	4 x 9 MVA	FeSi-28,000 TPA / FeMn-80,000 TPA / SiMn-56,000 TPA / FeCr-60,000 TPA/ Pig Iron-96,000TPA
7.	Producer Gas Plant (PGP) (for Pellet plant & Rolling mill)	5 x 6,500 Nm ³ /hr	5 x 6,500 Nm ³ /hr
8.	Briquetting Plant	200 kg/hr	200 kg/hr
9.	Brick Manufacturing Unit	72,000 Bricks/day	72,000 Bricks/day
10.	Forging Plant	50,000 TPA	50,000 TPA
11	Power Plant	WHRB Power Plant	2x22.5 MW + 2x30 MW
		FBC Power Plant	40 MW

Action plan as per MoEF&CC O.M. dated 30/09/2020

S. No	MAJOR HEADS	ACTIVITY	YEAR OF IMPLEMENTATION (Rs. in Lakhs)					TOTAL EXPENDITURE (Rs. in Lakhs)
			1st	2 nd	3 rd	4 th	5 th	
A). Based on Need Assessment & SIA Study								
1	Community & Infrastructure Development Programmes							
	i) Providing LED Street lighting with solar panels	Physical Nos. & village	10 nos. in each Joradih (v) Durmut (v) Nutandih (v) Bathan (v)	10 Nos. in each Nildih (v) Pathartikuri (V) Hurra (V) Nabagram (V)	10 Nos. in each Muchkunda (V) Dhanuktor (V) Kewabathan (V) Layekdi (V)	10 Nos. in each Bundla (P) (V) Kelahi (V) Kulisara (V) Nandaha (V)	10 Nos. in each Pratappur (V) Kunardi (V) Salanchi (V) Mangalda (V)	50
		Budget in Lakhs	10	10	10	10	10	
	ii) Development of Social, Cultural activity building	Physical Nos. & village	Centrally located facility, common for all nearby villages (Location depending upon suitable land availability with the Gram panchayat or local administration)					150
		Budget in Lakhs	----	150	--			
	iii) Construction of public toilets in villages	Physical Nos. & village	4 nos. in each Joradih (v) Durmut (v) Nutandih (v) Bathan (v)	4 nos. in each Nildih (v) Pathartikuri (V) Hurra (V) Nabagram (V)	4 nos. in each Muchkunda (V) Dhanuktor (V) Kewabathan (V) Layekdi (V)	4 nos. in each Bundla (P) (V) Kelahi (V) Kulisara (V) Nandaha (V)	4 nos. in each Pratappur (V) Kunardi (V) Salanchi (V) Mangalda (V)	45
		Budget in Lakhs	9	9	9	9	9	
	iv) Providing drinking water facility with installation of	Physical Nos.	2 nos. in each Hurra (V)	2 nos. in each	2 nos. in each Bundla (P) (V)	2 nos. in each Nandaha (V)	2 nos. in each Salanchi (V)	75

S. No	MAJOR ACTIVITY HEADS		YEAR OF IMPLEMENTATION (Rs. in Lakhs)					TOTAL EXPENDITURE (Rs. in Lakhs)
			1st	2nd	3rd	4th	5th	
	RO System & chiller unit, and a room to house the same.	& village	Nabagram (V) Muchkunda (V)	Dhanuktor (V) Kewabathana (V) Layekdi (V)	Kelahi (V) Kulisara (V)	Pratappur (V) Kunardi (V)	Mangalda (V) Ekanja (V)	
		Budget in Lakhs	15	15	15	15	15	
	v) Repair and maintenance of existing village roads in consultation with PWD	Physical No. & Village	Joradih (v) Durmut (v)	Nutandih (v) Bathan (v)	Nildih (v) Pathartikuri (V)	Hurra (V) Nabagram (V)	Muchkunda (V) Dhanuktor (V)	250
		Budget in Lakhs	50	50	50	50	50	
	vi) for Nursery Training, Composting Training & Training to female citizens to form SHGs for different activities & providing some seed fund as well.	Physical No. & Village	This activity shall be conducted in one of the villages					
		Budget in Lakhs	30	30	30	30	30	150
	vi) Construction of Community hall	Physical No. & Village	----	in Nutandih (v)	in Nildih (v)	Pathartikuri (V)	Hurra (V)	
		Budget in Lakhs	----	50	50	50	50	200
	vii) Children Park	Physical No. & Village	----	----	Joradih (v)	Durmut (v)	----	
		Budget in Lakhs	----	----	10	10	----	20
2	Education							

S. No	MAJOR ACTIVITY HEADS		YEAR OF IMPLEMENTATION (Rs. in Lakhs)					TOTAL EXPENDITURE (Rs. in Lakhs)
			1st	2nd	3rd	4th	5th	
	i) Repair & upgradation of existing school Boundary wall & Plantation in Schools	Village to be covered	for Bathan S.S.K	Primary School, Durmut (V)	Junior High School, Durmut (V) Primary School, Nutandih (v)	High School, Nildih (V) Primary School, Bundla (v)	Primary school, Hurra (V)	140
		Budget Rs. in Lakhs	20	20	40	40	20	
	ii) Repair & maintenance of existing toilets in schools	Villages to be covered	Junior High School, Durmut (V)	Primary School, Nutandih (v)	High School, Nildih (V)	Primary School, Bundla (v)	Primary school, Hurra (V)	50
		Budget in Lakhs	10	10	10	10	10	
	iv) Providing computers, Printers, ancillaries, library, furniture, digital education, etc	Villages to be covered	Junior High School, Durmut (V)	Primary School, Nutandih (v)	High School, Nildih (V)	Primary School, Bundla (v)	Primary school, Hurra (V)	50
		Budget in Lakhs	10	10	10	10	10	
	v) Establishment of Playground & equipment and garden in Schools	Physical Nos. & village	Junior High School, Durmut (V)	Primary School, Nutandih (v)	High School, Nildih (V)	Primary School, Bundla (v)	Primary school, Hurra (V)	50
		Budget in Lakhs	10	10	10	10	10	
	vi) Sports Kits	Physical Nos. & village	Junior High School, Durmut (V)	Primary School, Nutandih (v)	High School, Nildih (V)	Primary School, Bundla (v)	Primary school, Hurra (V)	25

S. No.	MAJOR HEADS	ACTIVITY	YEAR OF IMPLEMENTATION (Rs. in Lakhs)					TOTAL EXPENDITURE (Rs. in Lakhs)
			1st	2nd	3rd	4th	5th	
		Budget in Lakhs	5	5	5	5	5	
	vii) For Transport Facility for the students to reach the School	Physical Nos. & village	Bathan S.S.K School	---	---	Junior High School, Durmut	Nildih High School	75
		Budget in Lakhs	25	---	---	25	25	
	vii) For conducting Awareness programs of education to children	Physical Nos. & village	Joradih (v) Durmut (v)	This activity shall be conducted in one of the villages				25
		Budget in Lakhs	5	5	5	5	5	
	viii) Promotion and organization the tournaments i.e., Football, Kabaddi, Cricket for youth	Physical Nos. & village	This activity shall be conducted in one of the villages					100
		Budget in Lakhs	20	20	20	20	20	
3	Health & hygiene							
	ii) Workshops on health and hygiene practices + Sanitary napkin vending machines/ distribution, as required	Physical Nos. & village	This activity will be running parallelly in all the villages.					50
		Budget in Lakhs	10	10	10	10	10	
	iii) Drainage Network for Sanitary waste water with covered drains in Villages	Villages to be covered	Drainage network to be strengthened/ made in village Durmut	Drainage network to be strengthened/ made in village Joradih	Drainage network to be strengthened/ made in village Nutandih	Drainage network to be strengthened/ made in village Nildih	Drainage network to be strengthened/ made in village Bundla	75

S. No	MAJOR HEADS	ACTIVITY	YEAR OF IMPLEMENTATION (Rs. in Lakhs)					TOTAL EXPENDITURE (Rs. in Lakhs)
			1st	2 nd	3 rd	4 th	5 th	
		Budget in Lakhs	15	15	15	15	15	
	iv) Providing Nutrition support to Pregnant Women along with Medical checkups	Villages	This activity will be running parallelly in nearby villages					150
		Budget in Lakhs	30	30	30	30	30	
	v) Providing Health checkups for Elderly people & supply of medicines)	Villages	This activity will be running parallelly in in nearby villages					150
		Budget in Lakhs	30	30	30	30	30	
	vi) Mobile medical unit with Diagnostic Facility	Villages	This activity will be running parallelly in nearby villages					400
		Budget in Lakhs	----	----	----	200	200	
4	Environment							
	i) RWH pits in the surrounding villages	Physical Nos. & village	Joradih (v) Durmut (v) Nutandih (v) Bathan (v)	Nildih (v) Pathartikuri (V) Hurra (V) Nabagram (V)	Muchkunda (V) Dhanuktor (V) Kewabathan (V) Layekdi (V)	Bundla (P) (V) Kelahi (V) Kulisara (V) Nandaha (V)	Pratappur (V) Kunardi (V) Salanchi (V) Mangalda (V)	20
		Budget in Lakhs	4	4	4	4	4	
	ii) De-siltation of Ponds with Recharge wells	Physical Nos. & village	in Joradih village & Desiltation of pond by 1.5 m depth	in Durmut village & Desiltation of pond by 1.5 m depth	in Dhanuktor (v) & Desiltation of pond by 1.5 m depth	in Nildih & Desiltation of pond by 1.5 m depth	in Hurra village & Desiltation of pond by 1.5 m depth	250
		Budget in Lakhs	50	50	50	50	50	
	iii) Plantation in villages	Physical Nos. & village	2000 nos. in each Joradih (v) Durmut (v)	2000 nos. in each Nutandih (v) Bathan (v)	2000 nos. in each Nildih (v) Pathartikuri (V)	2000 nos. in each Hurra (V) Nabagram (V)	2000 nos. in each Muchkunda (V) Dhanuktor (V)	100

S. No	MAJOR HEADS	ACTIVITY	YEAR OF IMPLEMENTATION (Rs. in Lakhs)					TOTAL EXPENDITURE (Rs. in Lakhs)
			1st	2nd	3rd	4th	5th	
		Budget in Lakhs	20	20	20	20	20	
	iv) Vermicomposting facility	Physical Nos. & village	Joradih (v) Durmut (v)	Nutandih (v) Bathan (v)	Nildih (v) Pathartikuri (V)	Hurra (V) Nabagram (V)	Muchkunda (V) Dhanuktor (V)	150
		Budget in Lakhs	30	30	30	30	30	
	v) Installation of solar panels on any of the suitable places such as Panchayat offices/ Govt. offices & on School building, etc.	Physical Nos. & village	Joradih (v) Durmut (v)	Nutandih (v) Bathan (v)	Nildih (v) Pathartikuri (V)	Hurra (V) Nabagram (V)	Muchkunda (V) Dhanuktor (V)	150
		Budget in Lakhs	30	30	30	30	30	
5	Providing workshops on Integrated farming system	Physical Nos. & village	Joradih (v) Durmut (v)	Nutandih (v) Bathan (v)	Nildih (v) Pathartikuri (V)	Hurra (V) Nabagram (V)	Muchkunda (V) Dhanuktor (V)	25
		Budget in Lakhs	5	5	5	5	5	
6	Installation of tube well with solar panel and water storage overhead tank	Physical Nos. & village	Joradih (v) Durmut (v)	Nutandih (v) Bathan (v)	Nildih (v) Pathartikuri (V)	Hurra (V) Nabagram (V)	Muchkunda (V) Dhanuktor (V)	600
		Budget in Lakhs	120	120	120	120	120	
7	Promotion and Assistance for Cottage Industries. Dairy, Dona Pattal, Nursery, Pottery, Badi Papad Achar etc.	Physical Nos. & village	Joradih (v) Durmut (v) Nutandih (v) Bathan (v)	Nildih (v) Pathartikuri (V) Hurra (V) Nabagram (V)	Muchkunda (V) Dhanuktor (V) Kewabathan (V) Layekdi (V)	Bundla (P) (V) Kelahi (V) Kulisara (V) Nandaha (V)	Pratappur (V) Kunardi (V) Salanchi (V) Mangalda (V)	300

S. No.	MAJOR HEADS	ACTIVITY	YEAR OF IMPLEMENTATION (Rs. in Lakhs)					TOTAL EXPENDITURE (Rs. in Lakhs)
			1st	2nd	3rd	4th	5th	
		Budget in Lakhs	60	60	60	60	60	
8	Supply of Fertilizers to Farmers of surrounding villages	Physical Nos. & village	Joradih (v) Durmut (v) Nutandih (v) Bathan (v)	Nildih (v) Pathartikuri (V) Hurra (V) Nabagram (V)	Muchkunda (V) Dhanuktor (V) Kewabathan (V) Layekdi (V)	Bundla (P) (V) Kelahi (V) Kulisara (V) Nandaha (V)	Pratappur (V) Kunardi (V) Salanchi (V) Mangalda (V)	50
		Budget in Lakhs	10	10	10	10	10	
9	Reserve budget for need based developmental activities other than mentioned	Physical Nos. & village	Joradih (v) Durmut (v) Nutandih (v) Bathan (v)	Nildih (v) Pathartikuri (V) Hurra (V) Nabagram (V)	Muchkunda (V) Dhanuktor (V) Kewabathan (V) Layekdi (V)	Bundla (P) (V) Kelahi (V) Kulisara (V) Nandaha (V)	Pratappur (V) Kunardi (V) Salanchi (V) Mangalda (V)	325
		Budget in Lakhs	65	65	65	65	65	
		TOTAL (A)						4250
B). Based on Public Consultation/Hearing								
1	Impart training to the local villagers for skill development. a) Skill Development Centre" along with necessary infrastructure for various vocational training program for employment generation in association with National Skill Development Mission	Physical Nos. & village	Skill Development center near Durmut Village or any other suitable location					600
		Budget in Lakhs	120	120	120	120	120	

S. No	MAJOR HEADS	ACTIVITY	YEAR OF IMPLEMENTATION (Rs. in Lakhs)					TOTAL EXPENDITURE (Rs. in Lakhs)
			1st	2nd	3rd	4th	5th	
	(Automobile Repair, Welding, Electrical, Computer Hardware, Soft skills like computer programs etc.)							
2	Primary Health Centre with Ambulance	Physical Nos. & village	----	in Joradih (V)	----	----	----	200
		Budget in Lakhs	----	200	----	----	----	
3	Ambulance service in villages	Physical Nos. & village	----	----	in Durmut (V)	in Nutandih (V)	----	20
		Budget in Lakhs	----	----	10	10	----	
4	Drinking water supply to surrounding villages	Physical Nos. & village	2 nos. of in Durmut (v)	2 nos. in Joradih (v)	2 nos in Nutandih (v)	2 nos. in Bathani (v)	2 nos. in Nildih (v) 2 nos. in Pathartikuri (V)	30
		Budget in Lakhs	5	5	5	5	10	
5	Community Hall with Sanitary facilities	Physical Nos. & village	----	----	In Durmut (V)	In Joradih (v)	----	100
		Budget in Lakhs	----	----	50	50	----	
6	Development of playground	Physical Nos. & village	----	----	----	in Durmut (V)	----	25

S. No	MAJOR HEADS	ACTIVITY	YEAR OF IMPLEMENTATION (Rs. in Lakhs)					TOTAL EXPENDITURE (Rs. in Lakhs)
			1st	2nd	3rd	4th	5th	
		Budget in Lakhs	----	----	----	25	----	
7	Distribution of Sports Kits in school	Physical Nos. & village	----	for Bathan S.S.K	Junior High School, Durmut	Nildih High School	----	6
		Budget in Lakhs	----	1.5	2.0	2.5	----	
8	Infrastructure in schools	Physical Nos. & village	Bathan S.S.K School	Junior High School, Durmut	Nildih High School	----	----	80
		Budget in Lakhs	20	30	30	----	----	
9	Providing sanitation facilities	Physical Nos. & village	Bathan S.S.K School	Junior High School, Durmut	Nildih High School	----	----	25
		Budget in Lakhs	5	10	10	----	----	
10	for providing drinking water facilities in schools	Physical Nos. & village	Bathan S.S.K School	Junior High School, Durmut	Nildih High School	----	----	15
		Budget in Lakhs	5	5	5	----	----	
11	for providing Digital learning facilities & Computers	Physical Nos. & village	----	Bathan S.S.K School	Junior High School, Durmut	Nildih High School	----	12
		Budget in Lakhs	----	2	5	5	----	
12	For providing library resources & educational materials	Physical Nos.	----	Bathan S.S.K School	Junior High School, Durmut	Nildih High School	----	22

S. No .	MAJOR HEADS	ACTIVITY	YEAR OF IMPLEMENTATION (Rs. in Lakhs)					TOTAL EXPENDITURE (Rs. in Lakhs)
			1st	2 nd	3 rd	4 th	5 th	
		& village						
		Budget in Lakhs	----	2	10	10	----	
13	Development of local crematorium	Physical Nos. & village	----	----	----	In Durmut (V)	----	15
		Budget in Lakhs	----	----	----	15	----	
TOTAL					Total (B)			1150
Grand Total(A+B)								5400
Recurring expenditures under CSR as per companies Act 2014								
- Health checkup will be carried out periodically in surrounding villages & in Bathan S.S.K School as mentioned above @ Rs. 20 Lakhs every year. - Merit-based scholarships will be given periodically under CSR @ Rs. 5 Lakhs every year. - Development of local ponds by constructing ghats and change rooms - Construction of nearby Mahabir Temple - Construction of Temple boundary at Durmut								

Budget for EMP

S.No	Particulars	Capital Cost (Rs.in Crores)	Recurring Cost / Annum (Rs.in Lakhs)
1	Air Emission Management		
	Electro Static Precipitators (ESP) - Pellet, DRI Kilns, Power plant	100.00	1292.35
	Fume Extraction system with bag filters	44.00	440.00
	4th hole Fume Extraction system with bag filters	16.00	160.00
	other APCS & Conveyor systems	5.00	75.00
	Stacks	12.00	72.00
	Mechanical Dust sweepers	0.50	4.00
	Water Sprinklers	0.30	1.50
2	Wastewater Management		
	ETP	5.00	100.00
	STP	0.70	14.00
	Garland drains	1.00	10.00
	Settling ponds	0.40	10.00
3	Solid waste Management		
	Fly Ash Handling & disposal	10.00	400.00
	Slag Handling & Disposal	2.00	60.00
	Hazardous waste storage & disposal	0.30	15.00
	Municipal solid waste storage & disposal	0.20	10.00
4	Greenbelt development, Land scaping	2.00	23.19
5	Noise Management	1.00	50.00
6	RWH measures in Plant	0.75	15.00
7	Fire Safety Systems	5.00	50.00
8	Storm Water Drain system	2.00	20.00
9	Environmental Monitoring		
	CEMS	4.40	44.00
	CAAQMS	2.00	50.00
	Environment Monitoring	0.00	22.00
	Performance monitoring of APCS	0.00	1.00
10	Occupational Health & Safety		
	Occupational Health centre with Ambulance	1.20	36.00
	Personal Protective Equipment's (PPEs)	0.60	25.0
	Total	216.15	3000.0

Signature Not Verified

Digitally Signed by : Shri Sonu Singh
Member Secretary, MoEFCC (EC)

Date: 22/10/2026