



सत्यमेव जयते

File No.: 455618/02-MIN/12-2023

Government of India

Ministry of Environment, Forest and Climate Change

(Issued by the State Environment Impact Assessment Authority(SEIAA),
ODISHA)



Dated 17/03/2025



To,

Sri.Prahlad Roy Goenka,Director
M/s. Korp Resources Pvt.Ltd.
161 Rabindra Sarani Kolkata, , Kolkata, West Bengal, Pin-700007
onkargroup@hotmail.com

Subject: Grant of prior Environmental Clearance (EC) to the proposed Mining Project under the provisions of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application submitted to SEIAA,Odisha vide proposal number SIA/OR/MIN/455618/2023 dated 15/12/2023 for grant of prior Environmental Clearance (EC) to the expansion 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.	EC23B0000OR5293597N
(ii) File No.	455618/02-MIN/12-2023
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals,2(b) Mineral beneficiation Expansion of Tantra Iron Ore Mine (ML Area: 72.560 ha)For enhancement in Iron Ore production Capacity from 0.12 MTPA to 0.24 MTPA along with establishment of 1.0 MTPA throughput Beneficiation Plant in Village-Tantra & Tensa,Tahasil-Koira,Dist-Sundargarh
(vii) Name of Project	Village- Tantra & Tensa, Tahasil-Koira, District- Sundargarh
(ix) Location of Project (District, State)	Sundargarh
(x) Issuing Authority	SEIAA,Odisha
(xii) Applicability of General Conditions	No

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-2(Part A, B and

C)/ EIA & EMP Report were submitted to the SEIAA, Odisha for an appraisal by the State Level Expert Appraisal Committee(SEAC) under the provision of EIA notification 2006 and its subsequent amendments thereto.

4. The above-mentioned proposal has been considered for EC by SEAC in its meeting held on 19.10.2024. The minutes of the meeting and all the project documents as submitted by project proponent are available on Parivesh portal which can be accessed from the portal by scanning the QR Code above.
5. The details of the project along with the salient features of the project as submitted by the project proponent in Form-2(Part A, B and C)/ EIA & EMP Report and as presented before SEAC are annexed to this EC as Annexure-2.
6. The SEAC, after detailed deliberations made by the Project Proponent and the EIA Consultant, in its meeting held on 19.10.2024 under the provisions of EIA Notification 2006 and its subsequent amendments, recommended for grant of Environmental Clearance, stipulating various conditions(Standard & specific).
7. The matter was again examined in the State Environment Impact Assessment Authority (SEIAA), Odisha in its 191st meeting held on 04.03.2025, recommendation of SEAC and in accordance with the EIA Notification, 2006 and further amendments thereto. After detailed deliberation, the authority approved the EC for enhancement on production capacity from 0.12 MTPA to 0.24 MTPA along with establishment 1.0 MTPA throughput beneficiation plant located in village Tantra in the district of Sundargarh, along with standard and specific conditions as recommended by SEAC.
8. Environmental Clearance (EC) is granted to the project under the provisions of EIA Notification No. S.O. 1533 (E) dated the 14th September, 2006 of the Government of India in the erstwhile Ministry of Environment and Forests, as amended from time to time for proposed mining of Iron ore from “Tantra Iron Ore Mines (ML Area: 72.560 ha) with enhancement in Iron Ore production Capacity from 0.12 MTPA to 0.24 MTPA along with establishment of 1.0 MTPA throughput Beneficiation Plant located in village- Tantra & Tensa, Tahasil-Koira, District- Sundargarh by M/s. Korp Resources Pvt.Ltd.” with the following stipulations, environmental conditions and safeguards as given in Annexure- 1.
9. The Validity of EC shall be coterminous with lease period as per the lease deed executed with Govt. of Odisha.
10. The SEIAA, Odisha reserves the right to alter /modify the above conditions or stipulate any further condition in the interest of environment protection.
11. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
12. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
13. This issue with an approval of the Competent Authority.

Copy To

1. Joint Secretary (IA Division), Ministry of Environment, Forests and Climate Change Govt. of India, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi-110003 for information.
2. Additional Chief Secretary, Forests & Environment Dept., Government of Odisha for information.
3. Additional Secretary to Govt, Steel & Mines Department, Government of Odisha for information.
4. Member Secretary, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar for information.
5. Additional Principal Conservator of Forests, Regional Office (RO), Ministry of Environment & Forests, A/3, Chandrasekharpur, Bhubaneswar for information.
6. Regional Director, CGWA, South Eastern Region, Bhujal Bhawan, Khandagiri, Bhubaneswar, Pin-751030.
7. The Director of Mines, Odisha, Bhubaneswar/DDM,Koira for information and necessary action.
8. Collector & DM, Sundargarh, District-Sundargarh for Information and necessary action.
9. Guard file for record/Website/Parivesh Portal.

Specific EC Conditions for (Mineral Beneficiation)

1. Specific Condition

S. No	EC Conditions
1.1	<p>i) The project proponent needs to preserve or utilize the ore and fine's containing Fe between 35-45%, following IBM guidelines.</p> <p>ii) The project proponent shall maintain adequate greenbelt in the lease area.</p> <p>iii) OB dump sites shall be managed properly as proposed.</p> <p>iv) The additional fines generated due to proposed enhancement shall be managed properly.</p> <p>v) Proper Air Pollution Control measures shall be provided to control dust emission and local dust generation.</p> <p>vi) The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as required under the Provision of the MMDR Act, 1957 and Rules/ Guidelines made there under. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned Regional Office of the Ministry of Environment, Forest and Climate Change for record and verification.</p> <p>vii) Traffic management shall be done as per recommendation of Traffic Management Study Report duly vetted by institute of repute.</p> <p>viii) As a part of six-monthly compliance, the PP shall submit the status of Tailing Pond and its annual make-up to ascertain its capacity to take care of expansion in production including mineralogical & chemical analysis of excavated ore, dump materials and rejects. Also, actual layout after expansion may be submitted as a part of six-monthly compliance to the SEIAA, Odisha and Regional Office, MoEF&CC, Govt. of India, Bhubaneswar.</p> <p>ix) Adequate measures shall be adopted for management of noise, vibration and fly rocks.</p> <p>x) Bench and dump slopes are to be designed and maintained so that their failure is avoided.</p> <p>xi) The proponent shall not carryout any activity in the safety zone till they obtain Forest Clearance for the same.</p>
1.2	<p>The proponent shall comply all the specific conditions as recommended by CSIR-NEERI on carrying capacity study (as applicable) & other specific conditions in time bound manner as applicable for the project.</p>

Standard EC Conditions for (Mineral beneficiation)

1. Statutory Compliance

S. No	EC Conditions
1.1	<p>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.</p>
1.2	<p>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.</p>

S. No	EC Conditions
1.3	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.
1.4	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.5	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden(in case of the presence of Schedule-I species in the study area). 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.
1.6	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.
1.7	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
1.8	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	The Project Proponent shall install a minimum of 1 (one) online Ambient Air Quality Monitoring Stations in downwind direction to monitor critical parameters, relevant for mining operations. Monitoring of critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2; CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B29016/20/90/PC/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone shall be done periodically as per CPCB guidelines. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main gate of the mine site.
2.2	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM ₁₀ and PM _{2.5} are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from ah sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEF&CC/ Central Pollution Control Board.
2.3	The project proponent shall monitor fugitive emissions inside the ML area at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

S. No	EC Conditions
2.4	The PP shall ensure covered transportation and conveying of minerals to prevent spillage and dust generation on roads.
2.5	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].
2.6	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation should invariably be provided with dust suppression arrangements. PP shall take necessary measures to avoid generation of fugitive dust emissions.

3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and SEIAA is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydrogeological study of the area.
3.2	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
3.3	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to SEIAA,SPCB and the Regional Office,of MoEF & CC, Central Ground Water Authority and

S. No	EC Conditions
	Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.
3.4	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
3.5	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.
3.6	Industrial waste water (Beneficiation plant and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
3.7	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.
3.8	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.
3.9	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.
3.10	De-silting of agricultural lands in buffer zone and beyond including nearby Nalas/rivers perennially periodically and perpetually caused due to wash up of minerals/OB/dumps shall be done as per SOP submitted. Retaining wall shall be constructed to ensure that no silt after wash up is escaped from the core / buffer zone of the mines.

4. Noise Monitoring And Prevention

S. No	EC Conditions
4.1	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day /night hours.

S. No	EC Conditions
4.2	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.
4.3	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.

5. Green Belt And Emp

S. No	EC Conditions
5.1	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the SEIAA irrespective of the stipulation made in approved mine plan.
5.2	The PP shall plant "Ek Ped Maa Ke Naam" and the plantation shall be carried out in the earmarked 33% greenbelt area as a part of tree plantation campaign and the details of the same shall be uploaded in the MeriLiFE Portal (https://merilife.nic.in).
5.3	The Project Proponent shall make the actual count on the saplings planted and its survival rate and in case of failure of achievement of 95% survival rate, action plan for achieving the target survival rate shall be submitted to the Ministry's Regional Office.
5.4	The Project Proponent needs to complete the entire peripheral plantation under green belt, safety barrier plantation and gap plantation within five years from the start of mining operations. The PP should plant quality sampling of appropriate height of native and fruit bearing species. Plantation shall be undertaken in consultation with the State Forest Dept. PP needs to undertake the adequate bench plantation and on the terrace of the waste dumps to prevent the soil erosion.
5.5	The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/protected against felling and plantation of such trees should be promoted.
5.6	The project proponent shall augment infrastructure on drinking water, health care and education in nearby villages as per time bound action plan submitted.

6. Water Quality Monitoring And Preservation In Case Of Beneficiation Plant

S. No	EC Conditions
6.1	Tailing management plan shall be implemented as included in EIA report.
6.2	Tailings from Iron Ore beneficiation plant shall be dewatered in filter press and no slime /tailing pond shall be permitted.

7. Public Hearing And Human Health Issues

S. No	EC Conditions
7.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
7.2	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 of Factory Act.
7.3	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.
7.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7.5	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 and progress shall be submitted to the Regional Office of MoEF&CC.

8. Corporate Environment Responsibility

S. No	EC Conditions
8.1	The Project Proponent shall submit the time-bound action plan to the concerned regional office of the Ministry & district administration within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the SEAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
8.2	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 I 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 as a part of six-monthly report.
8.3	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.
8.4	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

S. No	EC Conditions
	reported to the Regional Office of Ministry, SPCB, and SEIAA along with the Six Monthly Compliance Report.
8.5	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
8.6	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.
8.7	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.

9. Miscellaneous

S. No	EC Conditions
9.1	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance by SEIAA and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of Ministry at https://parivesh.nic.in/ . The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of MoEF&CC, Bhubaneswar for compliance and in addition this shall also be displayed in the project proponent's website permanently.
9.2	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.
9.3	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.
9.4	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.
9.5	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.
9.6	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented.
9.7	It shall be mandatory for the project management to submit six (06) monthly compliance reports on post environmental monitoring in respect of the stipulated terms and conditions in this Environmental Clearance to the State Environment Impact Assessment Authority (SEIAA), Odisha,

S. No	EC Conditions
	<p>SPCB & Regional Office of the Ministry of Environment & Forest, Odisha, the respective Zonal Office of CPCB and the SPCB in soft copies on 1st June and 1st December of each calendar year. No hard copy of six (06) monthly compliance reports shall be accepted by SEIAA. The proponent shall upload the compliance report including results of monitored data, as applicable in the Parivesh website of the Ministry for monitoring of EC Conditions, failing which EC is liable to be revoked. The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.</p>
9.8	<p>The project proponent shall inform the Regional Office of Ministry,SPCB, and 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.</p>
9.9	<p>The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the SEIAA & the concerned Regional Office,MoEF & CC, Central Pollution Control Board and State Pollution Control Board.The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Odisha State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective to the concerned Regional Office(RO),Bhubaneswar of MoEF&CC,GoI, Central Pollution Control Board and State Pollution Control Board.</p>
9.10	<p>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.</p>
9.11	<p>No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA.</p>
9.12	<p>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.</p>
9.13	<p>The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.</p>
9.14	<p>The SEIAA,odisha reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.</p>
9.15	<p>The above conditions will 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 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.</p>
9.16	<p>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.</p>

Additional EC Conditions

10. Mining Plan

10.1.The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life; etc.).

10.2.The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the SEIAA,SPCB and concerned Regional Office,MoEF & CC,GoI .

10.3.The project proponent shall obtain permission from DGMS under 106(2b) to carry out blasting operation within the lease area, if applicable.

11. Land Reclamation

11.1.The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.

11.2.The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.

11.3.Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.

11.4.Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.

11.5.The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.

11.6.The Project Proponent shall carry out slope stability study in case the dump height is more than 60 meters. The slope stability report shall be submitted to concerned regional office of MoEF & CC, Govt. of India, Bhubaneswar as well as SEIAA, Odisha.

11.7.In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

1. Proposal in Brief:-

The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under:-

- (i) This is a proposal of M/s. Korp Resources Pvt.Ltd. for Environmental Clearance of Tantra Iron Ore Mines (ML Area: 72.560 ha) for enhancement in Iron Ore production Capacity from 0.12 MTPA to 0.24 MTPA along with establishment of 1.0 MTPA throughput Beneficiation Plant located at village- Tantra & Tensa, Tahasil-Koira, District- Sundargarh, filed by Sri.Prahlad Roy Goenka,Director.
- (ii) Category: This project falls under Category “B” under Schedule 1(a): Mining of Minerals as per EIA Notification dated 14th Sept, 2006 and its amendments.
- (iii) Chronological Events for the proposal as per the submission of PP
 - Mining Lease of Tantra Iron Ore Mine was granted in favor of M/s Korp Resources up to 21.11.2035 and EC granted on 04.06.2009 for the production of 0.12 MTPA Iron Ore.
 - Korp submitted proposal for enhancement of Tantra Iron Ore Mining project from 0.12 million ton to 0.24 million ton (800 TPD or 240000 TPA) and installation of 1 MTPA beneficiation plant on 30.06.2010. TOR issued by MoEF to Korp. Vide letter no 11015/236/2010-IA. II(M) on 25.10.2010.
 - TOR issued by MoEF to Korp. Vide letter no 11015/236/2010-IA. II(M) on 25.10.2010.
 - Public hearing conducted by OSPCB on 12.10.2012.
 - During 17th EAC meeting, the matter of grant of EC was discussed on 25.02.2014.
 - Minutes of 17th EAC meeting was released in which MoEF gave following two supplementary conditions on 15.04.2014.
 - Certified compliance report of RO shall be submitted.
 - A detailed study of Traffic density and road shall be submitted.
 - Compliance on the same is submitted on 31.07.14
 - As per direction of Govt. NEERI took up the traffic survey work in Odisha and the study continued from 2014 to 2017. During this period no project located in Joda, Koida, Barbil region was appraised for EC from MoEF on 29.10.2014.
 - Ultimately KRPL had to file a case in HC Odisha seeking an order for EC. And notice was given on 17.10.17 by HC for clearing the project within 6 months.
 - As no action was taken by MoEF, KRPL made appeal to HC and HC Odisha made 2nd notice to MoEF on for clearing the project within 6 months on 18.04.2018.
 - MoEF issued letter to Korp in response to court order and asked Korp to appear in 33rd meeting of EAC with further clarifications on 25.04.2018. Second list of documents and details requested by MoEF on 13.06.2018. EAC deferred the proposal requesting re-application by an accredited consultant on 22.06.2018. 3rd letter issued by MoEF requesting information and clarifications on 05.07.2018.
 - Now, the details have been collected and application was discussed with MoEF&CC. As the earlier application was made in offline mode (hard copy), it was suggested by NIC that a fresh application must be made at the state level referring the previous application for grant of EC.
 - TOR details: Terms of Reference (TOR) was issued by MoEF&CC to M/s. Korp Resources Private Limited for the proposed expansion vide letter no. 11015/236/2010 IA. II (M) dtd. 25.10.2010.

- Public hearing details: Public hearing was conducted by OSPCB for the proposed expansion of Tantra Iron Mine from 0.12 to 0.24 MTPA on 12.10.2012.
- (iv) List of Statutory Clearances obtained earlier -
- a) Supplementary Lease Deed issued on dated 12.07.2016 and is extended upto 21.11.2035.
 - b) Mining plan is approved by IBM vide letter no. BBS/SNG/IRON/2177/RMP/2022-23 dtd. 31.08.2022
 - c) Forest Clearance (Stage II) obtained vide letter no. 8 108/2008 FC dtd.14.06.2010.
 - d) Ground Water Abstraction Permitted for 35m³/day vide letter no. CGWA/NOC/MIN/ORIG/ 2023/18255 dtd.19.04.2023.
 - e) Environmental Clearance vide letter no. J-11015/1008/2007-IA. II (M) dtd. 04.06.2009 for Production of 0.12 MTPA of Iron ore obtained from MoEF&CC.
 - f) Consent to Establish vide letter no. 22542/Ind-II-NOC-5683 dtd. 04.12.2013 for production of 0.12MTPA of iron ore.
 - g) Consent to Operate vide letter no. 4965/IND-I-CON-5124 dtd. 28.03.2023 for production of 1,20,000 TPA iron ore.
- (v) Location and Connectivity: Tantra Iron Ore Mine along with its beneficiation plant over an area 72.56 hectares in Sundargarh district of Odisha belongs to M/s Korp Resources Private Limited. It is bounded by the latitude 21°52'40" E to 21°52'48" E and longitude 85°10'14" N to 85°11'03" N. in topo-sheet no. 73G/1. The nearest town is Barbil Town - 90 km (NNE), nearest Highway is Panikoli - Rajamunda NH-215 1 km (N), nearest Railway Station is Barsuan - 17 km (SW), nearest Major Airport is Biju Patnaik International Airport, Bhubaneswar- 85.87 km (S). The ML exhibits undulating hilly topography varying from 620 m AMSL on the southern part to 840 m AMSL on the norther part of the ML area. Slope is very steep and the elevation difference is 220 m. Out of the total 72.560 ha, 69.041 ha is diverted forest land and balance 0.141 ha non-forest land. The topography of the study area (10 km around the ML boundary) exhibits plain as well as hilly topography. The general gradient of the area is towards north. Number of reserved forests falls within the study area i.e., Sarkanda RF, Kathamal RF, Karo RF, Torha RF and Mendhamaruni RF. The area falls within the Baitarini river Basin and watershed of the Karo nala which flows at a distance of 2 km on the eastern side of the ML area. There is no perennial streams/nalas flows across the ML area.
- (vi) Baseline Study Conducted: Baseline study was conducted during October to December 2022.
- Ambient Air Monitoring: The project is an expansion project, and the study area is scattered with rural area. The area has cluster of Iron mines. The monitored results show PM10 levels were in the range of 93.4 to 59.8 µg/m³, PM2.5 levels were in the range of 53.8 to 31.3µg/m³, SO2 levels were in the range of 19.8 to 4.4 µg/m³, NOx levels were in the range of 29.6 to 8.2 µg/m³ & CO remained below detection level range of 0.45 to 0.13 mg/m³ which are well within the prescribed limit of Central Pollution Control Board.
 - Ground Water quality monitoring: The physico-chemical characteristics of ground water samples were analysed. The levels of total dissolve solids varied from 90.4 to 79.1 mg/l, total hardness from 144.2 to 95.4 mg/l.
 - Surface Water quality monitoring: The physico-chemical characteristics of surface water were analysed. In fresh water, the pH values of are varies from 8.3 to 7.5, total dissolved solids are 9 294 to 76 mg/l, BOD ranges from 4 to respectively. The MF technique involves direct plating for detection and estimation of total coliform densities. The total coliform density in fresh water are varies from 17 to 7.8 MPN/100, which are within the limit as per IS-2296, for surface water quality.

- Ambient Noise monitoring: The noise levels were measured at eight stations in core and buffer zone located in residential areas. The noise levels observed during day time varies from 62.1 to 40.2 dB(A) and at night time varies from 45.2 to 28.5 dB(A). All the noise values observed are well within the limits prescribed by National Ambient Air Quality Standards for Noise.
 - Soil monitoring: Top soil samples were collected from core & buffer zone, from four locations. From the above analysis report, it is found that the bulk density ranges between 4.72 to 1.38 g/cc. The soil texture is almost clayey. The soil is very much fertile for agriculture purpose.
- (vii) Water requirement: About 146 KLD water will be required for dust suppression, plantation, workshop & wheel wash, drinking & domestic activities, etc. Mine pit water will be used for dust suppression and plantation activities. Ground water from borewell will be used for drinking and domestic use.
- (viii) Wastewater management: Waste water & sanitary sewage from domestic use in the mine site is being discharged to septic tank and soak pit and in no circumstances discharged to any water body. There will not be any garage with washing facility within the leasehold area and hence the chance of generation of effluent from workshop does not arise.
- (ix) Mining Plan Details:
- a) Mining method: Mechanised opencast mining method with large HEMM will be carried out to increase the production from a level of 0.12 MTPA to 0.24 MTPA. Mine with the deployment of 100mm - 115mm dia. drills, 1.2m³ capacity excavator, 10T & 20T capacity tipper / dumpers etc.
 - b) Extent of development: Existing Quarry will be developed leaving 7.5m wide safety zone / barrier all along the M.L boundary to obtain iron ore @240,000 t/annum. Year wise production and development plan & sections on 1:2000 scale have been prepared and coloured distinctly.
 - c) Bench parameters: Height and width of the benches will be kept at 6m each. The individual bench faces will be kept nearly vertical (80°) whereas the overall quarry slope angle (the angle between the line joining the toe of bottom bench and the crest of the top bench with the horizontal) is proposed to be maintained at around 45° with the horizontal.
 - d) Blast hole drilling: DTH drills of 100 mm-115 mm dia. with compatible size compressor will be used for blast hole drilling for loosening of hard and compact strata.
 - e) Excavation: Excavators of 1.2 m ^ 2 m bucket capacity will be deployed for excavation & loading of iron ore and OB/ waste into the dumpers.
 - f) Life of Mines is estimated as 13 years.

(x) Year wise Production Details:

Sl. No.	Year	Bench	Over Burden Volume (Length x width x height) (m3)	Over Burden Quantity (t)	ROM Quantity (t)	Mineral Rejects (t)	Production Main(t)	OB to Ore Ratio (ton/m3)
1	1 st (2023-	760	51300	102600	240000	118500(+45 -	121500	1:0.21

	24)					50%Fe)		
2	2 nd (2024 - 25)	760	29900	59800	240000	126000(+45 - 50%Fe)	114000	1:0.12
3	3 rd (2025 - 26)	760	117300	234600	240000	61500 (+45- 50%Fe)	178500	1:0.49
4	4 th (2026 - 27)	760	59500	119000	240000	178800 (+45- 50%Fe)	61200	1:0.25
5	5 th (2027- 28)	760	112800	22560 0	240000	194100 (+45-50%Fe)	45900	1:0.47
	Total		370800	74160 0	1200000	678900 (+45-50%Fe)	521100	1:0.31

(xi) Waste Generation and Management: Waste dump already reclaimed technically and biologically. This dump area is already proven barren by drilling. This dump has waste materials which are of grade below 45% Fe of laterite, shale, BHJ, BHQ, etc. This dump is already reclaimed by coir matting and subsequently plantation has been done surrounded by retaining wall of 1.5m height & 1m width and garland drain. Any rain cut which may develop in dump slope is proposed to be checked by no. of small check dams. Garland drains at the toe of the dump is connected to settling tank. Retreating method is adopted for backfilling. During the futuristic mining activity, tentatively out of the total waste 40% of waste material shall be utilized for road maintenance purpose and balance 60% shall be used for backfilling till the conceptual period.

Waste Generation (Existing Dump Details):-

Sl. No.	Year	Dump ID	Type of Dump	Proposed Area (Ha)	Height (m)	Total Dump Quantity (m ³)	Existing Dump Location
1	As on date	Dump -1	OB	0.575	28	40250	2420728 N- 2420800 N/ 311452E- 311631E
2	As on date	Dump-2	OB	0.250	14	8750	2420815 N- 2420848 N/ 311439E- 311560E
Total	--	--	--	0.825	--	49,000	--

Waste Generation (Proposed Dump)

Sl. No.	Year	Dump ID	Type of Dump	Proposed Area (Ha)	Height (m)	Total Dump Quantity (m3)	New Dump Location
1	1 st (2023-24)	Dump-1	OB	0.171	30	51,300	2420729N - 2420806N / 311418E-311553E
2	2 nd (2024-25)	Dump-1	OB	0.100	30	29,900	2420806N - 2420820N / 311411E-311555E
3	3 rd (2025-26)	Dump-1	OB	0.391	30	117,300	2420820N - 2420835N / 311410E-311557E
4	4 th (2026-27)	Dump-1	OB	0.198	30	59,500	2420835N - 2420847N / 311415E-311555E
5	5 th (2027-28)	Dump-1	OB	0.376	30	112,800	2420847N - 2420878N / 311420E-311550E
--	Total	--	--	1.236	--	370,800	--

(xii) Land utilization plan details: The mine lease area is spread over 72.56 ha. The land utilization plan is given below.

Sl. No.	Particular	Area at present	Area at end of plan period
1	Area under mining	9.009	12.46
2	Topsoil Stacking	0	0
3	OB/Waste Dumping	0.825	2.061
4	Mineral Storage	4.955	4.955
5	Infrastructure	1	1
6	Roads	4.148	4.148
7	Railways	0	0
8	Tailing Pond	0	0
9	ETP	0	0

Sl. No.	Particular	Area at present	Area at end of plan period
10	Mineral Separation Plant	3.55	3.55
11	Township area	0	0
12	Parking	1.12	1.12
13	Sub-grade stack	3.158	3.158
	Total	27.765	32.442
	Undisturbed	44.795	40.108
	Grand Total	72.56	72.56

- (xiii) Power Requirement & solar power details: Electric power line passes through the M.L. area. Mines office, residential complex etc. are electrified. Total power requirement is 135 MW.
- (xiv) Greenbelt Development: Plantation will be undertaken over the life of mine in a phase wise manner. The plantation will start from the first year of mining and will be maintained in remaining years. Total proposed plantation area will be 14.123 ha, and 29, 068 tree will be planted over 5 year of plan period.
- (xv) Total Employment: A total manpower requirement is 62 persons for opencast mining. Mostly locals will be employed for this project.
- (xvi) Project Cost: The expected cost of the project is Rs. 165.45 Crores.
- (xvii) Environment Consultant: The Environment consultant M/s Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar along with the proponent made a presentation on the proposal before the Committee on 03.02.2024.
- (xviii) The SEAC in its meeting held on 03-02-2024 decided to take decision on the proposal after receipt of the following from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
1.	A write up about the development of the proposed project in chronological order with supporting documents.	Details are attached as Annexure 1.	Chronology of the project submitted
2.	Copy of Environmental Clearance, CTE, CTO for existing mining activities and present operational status.	The current EC, CTE and CTO is for opencast mining of 0.12 MTPA iron ore through fully mechanized method. EC letter, CTE and CTO are attached as Annexure 2.	Copies submitted
3.	Photographs of concrete wall for settling tank.	Details are attached as Annexure 3.	-
4.	A note on air borne dust concentration during blasting and its control measures to be undertaken.	Air Quality Modeling for Blasting has been done and concentration has been calculated. Details of concentration and mitigation measures for the same are attached as Annexure 4.	-
5.	Total material balance with size/grade differentiation till the tailings stage.	Details are attached as Annexure 5.	-
6.	Mineralogical content of the tailings.	Fe content of tailings is expected to be around 41%. As per Indian Bureau of Mines F. No. C-248/3/CMG/2017 dated	-

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
		24.03.2017, maximum Fe content in tailings will be <45%.	
7.	The settling pond and tailings pond overflow should be re-utilized in the process.	The settling pond and tailings pond Over flow will be re-utilized in the process. Undertaking is attached as Annexure 6.	-
8.	Water balance for the proposed 1 MTPA beneficiation plant.	Details are attached as Annexure 7.	-
9.	The unit shall not operate the plant during monsoon period.	Undertaking is attached as Annexure 6.	As per Undertaking submitted, the unit shall operate for 200 days is mentioned. The plant will not operate during monsoon period has not mentioned in particular.
10.	A detailed note as to why a fresh public hearing shall not be conducted as public hearing which has been conducted for the proposal is long back i.e. on 12.10.2012.	Details are attached as Annexure 8.	-
11.	Copy of application submitted for Forest Clearance of safety zone and current status.	Details are attached as Annexure 9.	Application copy which has been submitted is Delisted By System (at: 20/03/2024) as per current status in Parivesh site.
12.	Material Balance 1.0 MPTA of the beneficiation plant with tailing management plan.	Details are attached as Annexure 5.	-
13.	Existing and proposed conservation measures to augment the water resources.	Details are attached as Annexure 10.	-

(xix) The SEAC in its meeting 29-04-2024 decided to take decision on the proposal after receipt of the following from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
1.	Detailed justification as to why a fresh public hearing shall not be conducted as the public hearing conducted for the proposal is long back on 12.10.2012.	Details are attached as Annexure 1. The proponent justified the non-requirement of fresh public hearing as follows: <ul style="list-style-type: none"> Public Hearing was conducted by OSPCB on 12th October 2012. Post-Public Hearing, EIA & EMP report was submitted to MoEF&CC on 31st July 2013 	Public hearing has already been conducted for the proposal earlier on 12.10.2012, a copy of which is also furnished with EIA/EMP. For this reason, conducting a fresh Public Hearing may be

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
		<ul style="list-style-type: none"> As per MoEF&CC OM dated 8th June 2022 - "Standardizing the validity of baseline data and public consultation reports for submission of proposal within the validity period of Terms of Reference (ToR) under the provisions of EIA Notification, 2006-reg." In para 2: "Further, in the above-mentioned O.M, it is also stated that the baseline data used for preparation of EIA/EMP reports may be collected at any stage, irrespective of the request for ToR or the issue thereof. However, such baseline data and the public consultation should not be older than three years, at the time of submission of the proposal, for grant of Environmental Clearance (EC), as per ToRs prescribed." Therefore, the Public Hearing was valid at the time of application of Environmental Clearance to MoEF&CC and fresh PH is not required 	exempted. But CER issues raised as per MoM of public hearing will be put as physical as specific condition.
2.	Copy of application submitted for Forest Clearance of safety zone and current status.	Details are attached as Annexure 2.	----

(xx) The Committee observed the following:

- i) Mining Lease of Tantra Iron Ore Mine was granted in favor of M/s Korp Resources up to 21.11.2035 and EC granted on 04.06.2009 for the production of 0.12 MTPA Iron Ore.
- ii) Proposal for enhancement of Tantra Iron Ore Mining project from 0.12 million ton to 0.24 million ton (800 TPD or 240000 TPA) and installation of 1 MTPA beneficiation plant submitted on 30.06.2010 to MoEF&CC, Govt. of India.
- iii) TOR issued by MoEF&CC, Govt. of India to KORP. Vide letter no 11015/236/2010-IA. II(M) on 25.10.2010.
- iv) Public hearing conducted by OSPCB on 12.10.2012.
- v) During 17th EAC meeting, the matter of grant of EC was discussed on 25.02.214.
- vi) Minutes of 17th EAC meeting was released in which MoEF&CC, Govt. of India gave following two supplementary conditions on 15.04.2014.
 - Certified compliance report of RO shall be submitted.
 - A detailed study of Traffic density and road shall be submitted.
 - Compliance on the same is submitted on 31.07.14

- vii) As per direction of Govt. NEERI took up the traffic survey work in Odisha and the study continued from 2014 to 2017. During this period no project located in Joda, Koida, Barbil region was appraised for EC from MoEF on 29.10.2014.
 - viii) Ultimately KRPL had to file a case in HC Odisha seeking an order for EC. And notice was given on 17.10.17 by HC for clearing the project within 6 months.
 - ix) As no action was taken by MoEF&CC, Govt. of India, KRPL made appeal to HC and HC Odisha made 2nd notice to MoEF&CC, Govt. of India on for clearing the project within 6 months on 18.04.2018.
 - x) MoEF&CC, Govt. of India issued letter to Korp in response to court order and asked Korp to appear in 33rd meeting of EAC with further clarifications on 25.04.2018. Second list of documents and details requested by MoEF&CC, Govt. of India on 13.06.2018. EAC deferred the proposal requesting re-application by an accredited consultant on 22.06.2018. 3rd letter issued by MoEF&CC, Govt. of India requesting information and clarifications on 05.07.2018.
 - xi) Now, the details have been collected and application was discussed with MoEF&CC, Govt. of India. As the earlier application was made in offline mode (hard copy), it was suggested by NIC that a fresh application must be made at the state level referring the previous application for grant of EC.
 - xii) This is an old case and EIA/EMP report has been prepared long back. Also, public hearing conducted long back on 12.10.2012. Fresh baseline study was conducted during October to December 2022 and accordingly, revised EIA report prepared as per standard ToR and submitted.
 - (xxi) Any deficiencies/omission have been noticed in the above documents-Not submitted scrutiny fee.
2. Whether SEAC recommended the proposal – Yes. The proposal was placed in the SEAC meeting held on 19.10.2024 and considering the information furnished and presentation made by the consultant M/s. Visiontek Consultancy Services Pvt. Ltd. Bhubaneswar along with the project proponent, the SEAC recommended the following:
- A. Public hearing has already been conducted for the proposal earlier on 12.10.2012, a copy of which is also furnished with EIA/EMP. For this reason, conducting a fresh Public Hearing may be exempted. But CER issues raised as per MoM of public hearing will be put as physical as specific condition.
 - B. Environmental Clearance may be granted for the proposal with stipulated conditions with standard and the following specific conditions:-
 - i) The project proponent needs to preserve or utilize the ore and fine's containing Fe between 35-45%, following IBM guidelines.
 - ii) The project proponent shall maintain adequate greenbelt in the lease area.
 - iii) OB dump sites shall be managed properly as proposed.
 - iv) The additional fines generated due to proposed enhancement shall be managed properly.
 - v) Proper Air Pollution Control measures shall be provided to control dust emission and local dust generation.
 - vi) The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as required under the Provision of the MMDR Act, 1957 and Rules/Guidelines made there under. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned Regional Office of the Ministry of Environment, Forest and Climate Change for record and verification.
 - vii) Traffic management shall be done as per recommendation of Traffic

- Management Study Report duly vetted by institute of repute.
- viii) As a part of six-monthly compliance, the PP shall submit the status of Tailing Pond and its annual make-up to ascertain its capacity to take care of expansion in production including mineralogical & chemical analysis of excavated ore, dump materials and rejects. Also, actual layout after expansion may be submitted as a part of six-monthly compliance to the SEIAA, Odisha and Regional Office, MoEF&CC, Govt. of India, Bhubaneswar.
 - ix) Adequate measures shall be adopted for management of noise, vibration and fly rocks.
 - x) Bench and dump slopes are to be designed and maintained so that their failure is avoided.
 - xi) The proponent shall not carryout any activity in the safety zone till they obtain Forest Clearance for the same.
3. Deliberation in SEIAA Meeting: The proposal was placed in the 184th meeting of SEIAA held on 24.12.2024 for consideration of EC. After detailed deliberation, the authority decided to seek information / documents from the PP on the following :-
- (i) Scrutiny fees as applicable for the project.
 - (ii) Fresh Certified Compliance Report of previous EC conditions from IRO, Bhubaneswar, MoEF&CC, Govt. of India.
 - (iii) Traffic Study Report from Accredited NABET Consultant or reputed institute.
 - (iv) Compliance of order dated 2.8.2017 in CWP No. 114/2014 of Hon'ble Supreme Court.
 - (v) Details of demand if any raised by Department of Mining & Geology.
 - (vi) Details of payment, if any made to Department of Mines & Geology.
 - (vii) Past production details from mine since its inception, duly certified by DDM, Steel & Mines Department.
- a) The PP has submitted the ADS sought by SEIAA on 25.02.2025.
4. Decision of SEIAA:- The proposal was placed in the 191st meeting of SEIAA held on 04.03.2025 for consideration of EC. After detailed deliberation, the authority approved the EC for enhancement on production capacity from 0.12 MTPA to 0.24 MTPA along with establishment 1.0 MTPA throughput beneficiation plant located at village Tantra in the district of Sundargarh, along with standard and specific conditions as recommended by SEAC.