



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,
ODISHA, BHUBANESWAR

Ref. No. 7685/SEIAA

Dt. 21.12.19

SEIAA File No: 38069/03-MIN-V/09-2019

To

Shri Pawan Kumar Ahluwalia,
Gonua Iron & Manganese Mines,
PB No. 3, Infront of MMTC, Weigh Bridge,
At/Po-Barbil, Dist-Keonjhar-758035

Sub: Proposal for expansion of Gonua Iron & Manganese Mines for enhancement of production of iron ore from 0.36 MTPA to 1.2 MTPA with crushing and screening plant extent over an area of 86.886 ha. located at village-Gonua & Patabeda, Dist-Sundargarh of Sri Pawan Kumar Ahluwalia - environmental clearance regarding.

Ref: Your online application dated 27.06.2019 for issue of EC vide File No: SIA/OR/MIN/38069/2019.

Sir,

This has reference to your online application seeking environmental clearance of the project proposal for expansion of Gonua Iron & Manganese Mines for Enhancement of Production of Iron Ore from 0.36 MTPA to 1.2 MTPA with Crushing and Screening Plant extent over an area of 86.886 ha. located at village-Gonua & Patabeda, Dist-Sundargarh. The proposal falls in the category 1(a) of the schedule of EIA Notification, 2006 as amended from time to time. The proposal has been appraised on the basis of the documents enclosed with the application, such as form-1, form-2, prefeasibility report, approved mining plan, final EIA /EMP, public hearing proceedings, certified compliance report and clarifications furnished to SEIAA/SEAC in response to their observations.

Background:

1. This is an expansion proposal of Gonua Iron & Manganese Mine of M/s Pawan Kumar Ahluwalia. The said Gonua Iron & Manganese Mine extent over an area of 86.886 Ha located at Village Gonua & Patabeda, District Sundargarh, Odisha and the proponent has applied for expansion of Iron ore production from 0.36 MTPA to 1.2 MTPA with crushing & screening plant.

2. The said mining lease is situated on the Southern and South-western flank of Satkutania Pahar in village Gonua and Patabeda, Tehsil- Koira in Sundargarh District of Odisha State. The area can be located in New Toposheet No. F45N5. It is bounded by the Latitude: 21° 55' 0.52356" to 21° 55' 46.03440" N and Longitude: 85° 22' 04.13616" to 85° 22' 36.35616" E.
3. As per Section 8A (6) of the MMDRA Act 2015, the lease is valid up to 31st March 2020. In this regard supplementary lease deed was executed on dated 21st March 2018.
4. EIA/EMP report was prepared on the basis of the TOR issued by MoEF&CC, Govt. of India vide letter No. J- 11015/211/2010-IA.II (M), dated 19th August 2010. Public hearing for this project was held on 04th April 2012. Final EIA/EMP with public hearing proceeding was submitted at MoEF&CC, Govt. of India on dated 9th June 2012. The project was recommended for Environmental Clearance by the Expert Appraisal Committee in its meeting held during 21st – 23rd November 2012.
5. However, as it's a violation case mentioned in the minutes of meeting, the MoEF&CC, Govt. of India vide its letter dated 18th June 2013 and subsequent letter dated 17th October 2013, asked the project proponent to submit "(I) written commitment in the form of a formal resolution is submitted to MoEF&CC, Govt. of India to ensure that violations of the Environment (Protection) Act will not be repeated and (ii) the State Government has initiated credible action on the violation and evidence provided to MoEF&CC, Govt. of India of the action taken". The detail written commitment by the lessee and credible action by State Govt. was submitted at MoEF&CC, Govt. of India on dated 31st July 2013 and subsequent letter on dated 12th November 2013.
6. In the meantime, in pursuance of the Supreme Court order dated 02.08.2017 in CWP no. 114/2014, DDM, Koira has raised the demand notice for payment of `21,49,33,689/- and the Proponent has made the total payment as directed in two phases. Two payments one of ` 21,00,000,00/- and the other of ` 49,33,689/- made on 27.12.2017.
7. Subsequently, in view of the Gazette Notification of MoEF&CC, Govt. of India dated 14.03.2017 which requires that the proposal (which is in violation category) to be submitted before the MoEF&CC, Govt. of India within 6 months of the said notification. Further as per MoEF&CC, Govt. of India Office Memorandum dated 16th March 2018, the time for the application for such violation cases has been extended to another 30 days from the date of this notification. Accordingly on dtd.11.04.2018, the proponent submitted required documents at online portal of MoEF&CC, Govt. of India as violation case and requested for grant of environmental clearance at the earliest.
8. The project proponent submitted the Affidavit in compliance with the MoEF&CC, Govt. of India OM no. 3-50/2017-IA-III (Pt.) dated 30th May 2018.
9. The proposal has been appraised at SEIAA and Terms of Reference (ToR) for preparation of Environment Impact Assessment (EIA) Report has been issued with exemption of Public Hearing on dt. 14th December 2018.
10. As per the ToR, the Baseline data was collected for the summer season during the period March, April and May 2019.



11. The project proponent along with the consultant M/s ERS(I) Pvt. Ltd., Bhubaneswar along with the proponent has made a detailed presentation on the final EIA/EMP report before the SEAC on dated 19.10.2019.
12. The project proponent furnished additional information / documents on the project to SEAC for necessary compliance to clarification raised by SEAC on dated 10.11.2019 and the SEAC observed the following:
 - a) The proposal was considered by the State Level Expert Appraisal Committee (SEAC), Odisha in its meeting held on 06th December, 2018 for appraisal of the proposal for ToR in pursuance of the MoEF&CC, Govt. of India Notification dated 14th March, 2017. The SEAC, after deliberations on the proposal in terms of the provisions of the Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended for the following:
 - (i) The State Government to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no Consent to Operate to be issued till the project is granted Environmental Clearance.
 - (ii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of Environmental Clearance. The quantum shall be recommended by the SEAC and finalized by the regulatory authority i.e. SEIAA, Odisha. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority i.e. SEIAA, Odisha.
 - (iii) Public hearing has already been conducted for the proposal earlier on 04th April 2012, a copy of which is also furnished with EIA/EMP. For this reason, conducting a fresh Public Hearing has been exempted.
 - b) EIA/EMP study report has been prepared by a NABET Accredited / NABL Accredited Consultant namely M/s ERS(I) Pvt. Ltd., Bhubaneswar.
 - c) Detailed assessment of Ecological Damage, Remediation Plan and Natural and Community Resource Augmentation Plan has been incorporated in Chapter - 10 of the EIA report.
 - d) An amount of ` 1.21 Crores has been estimated in the EIA / EMP report towards the cost of assessment of Environmental / Ecological damage due to violation as well as Natural and Community Resource Augmentation Plan.
 - e) There is no specific guideline issued by the MoEF&CC, Govt. of India for assessment of Environmental and Ecological Damage as well as estimation of cost for remediation plan as well as Natural and Community Resource Augmentation Plan.
 - f) In the absence of any guidelines, the cost as suggested by the proponent above to be taken into account for remediation plan as well as Natural and Community Resource Augmentation Plan. However, the proponent has to abide by the guidelines if issued by the MoEF&CC, Govt. of India in future and accordingly the proponent has to comply.
 - g) No record is available in the file about initiation of legal action against the project proponent by the State Govt./SPCB under the provisions of section 19 of the Environment (Protection) Act, 1986 for violation of the EIA Notification, 2006.
13. Considering the information furnished by the proponent and presentation made by the consultant on behalf of proponent, the State Expert Appraisal Committee (SEAC) recommended for grant of Environmental Clearance for the project stipulating various conditions along with specific conditions in terms of the provisions of the MoEF & CC, Govt. of India notification dated 14th March, 2017.

- (i) The SEAC recommended for an amount of Rs.1.21 Crores towards Remediation plan and Natural and Community Resource Augmentation plan as the proponent has gone for excess production of Iron Ore without prior Environmental Clearance under EIA Notification, 2006.
- (ii) The project proponent shall be required to submit a bank guarantee of an amount of Rs.1.21 Crores towards Remediation plan and Natural and Community Resource Augmentation plan with the State Pollution Control Board, Odisha prior to the grant of Environmental Clearance.
- (iii) The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC, Odisha and approval of the regulatory authority (i.e. SEIAA, Odisha).
- (iv) The SEIAA, Odisha may consider to request to the Govt. in F&E Deptt., Govt. of Odisha to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986 for violation of the EIA Notification, 2006. Environmental Clearance is to be issued after initiation of legal action against the project proponent.
- (v) The proponent has to abide by the guidelines if issued by the MoEF & CC, Govt. of India in future for assessment of Environmental and Ecological Damage as well as estimation of cost for remediation plan as well as Natural and Community Resource Augmentation Plan.

The F & Env. Deptt. Govt. of Odisha vide letter no. ENV-I-23/2018 / 25071 / F&E dated 20.12.2019 has furnished information to SEIAA that the Collector, Sundergarh has already filed a prosecution against the project proponent for the violation committed under the provisions of section 19 of the Environment (Protection) Act, 1986 for violation of the EIA Notification, 2006 vide Criminal Case No.2(C) C.C.33/2013 before the court of SDJM, Bonai. Further, the project proponent have also submitted the bank guarantee of Rs.1.21 Crores with SPCB vide letter no. PKA/Gonua/SPCB/640 dt.07.12.2019 towards cost for remediation plan as well as Natural and Community Resource Augmentation Plan and have furnished the copy of submission of bank guarantee to SEIAA vide letter no. PKA/Gonua/SEIAA/641 on dt.07.12.2019. The proponent shall mandatorily implement the remediation plan as well as natural and community resource augmentation plan as submitted in the Final EIA/EMP Report of Chapter -10.

The State Environment Impact Assessment Authority (SEIAA) after considering the proposal and recommendations of SEAC, Odisha hereby accords Environmental Clearance in favour of the project under the provisions of EIA Notification 2006 and subsequent amendments thereto subject to strict compliance of all stipulated conditions, as follows. Detailed compliance report of these conditions is mandatorily to be submitted by the project proponent to SEIAA at half yearly intervals by 1st June and 1st December each year.

Stipulated Conditions:-

A. Specific conditions

1. This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of Odisha, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.
2. This Environmental Clearance will not be operational till such time the Project proponent complies with all the statutory requirements and Judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors applicable to this project.



3. The Department of Mines and Geology, Government of Odisha shall ensure that mining operation shall not commence till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of judgment of Hon'ble Supreme Court dated the 2nd August 2017 in writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.
4. The proponent shall comply all the specific conditions as recommended by CSIR-NEERI on carrying capacity study (as applicable) in time bound manner as proposed.
5. The project proponent shall mandatorily implement the remediation plan as well as Natural and Community Resource Augmentation Plan as submitted in the Final EIA/EMP Report in Chapter -10. The status of implementation shall be submitted to the Regional Office, MoEF & CC, SPCB and SEIAA, Odisha along with six monthly compliance reports.
6. The Project Proponent shall obtain Consent to Operate from the State Pollution Control Board, Odisha and effectively implement all the conditions stipulated therein.
7. The Project Proponent shall carryout sustainable and scientific mining in conformity with the approved mining plan and accordingly, strict monitoring shall be carried out by the Regional Office, MoEF & CC, Govt. of India, Bhubaneswar, Odisha State Pollution Control Board and Department of Mines and Steel, Government of Odisha.
8. The Project Proponent shall carryout monitoring of air quality parameters covered under NAAQS notification, 2009 and Fugitive dust emission monitoring as per the action plan submitted to the Ministry. The frequency of monitoring shall be governed by MoEF & CC, Govt. of India circular dated 27.05.2009 and Consent to Operate issued by Odisha State Pollution Control Board for ambient air and fugitive dust emission respectively.
9. No mining activities will be allowed in forest area for which the Forest Clearance is not available.
10. The Environmental Clearance is subject to obtaining requisite NBWL Clearance, if any, from the Standing Committee of National Board for Wildlife for Mining project.
11. Project Proponent should plant only native species for green belt development. Plantation of local species should be carried out during the Monsoon Season.
12. The Proponent shall install online Ambient Air Quality Monitoring System and there should be system for display of digital AAQ data within 03 months at least at three locations as per wind direction. Online provisions of pH and turbidity meters at discharge points of STP and ETP and also at water storage ponds in the mining area may be made. Project Proponent should display the result digitally in front of the main Gate of the mine site.
13. Project Proponent shall obtain the necessary prior permission from the Central Ground Water Authority (CGWA) in case of intersecting the Ground water table. The intersecting ground water table can only be commence after conducting detailed hydrogeological study and necessary permission from the CGWA/MoEF&CC. The Report on six monthly basis on changes in Ground water level and quality shall be submitted to the Regional Office of the Ministry, CGWA and State Pollution Control Board.
14. The project should also implement community Development and Welfare programme in the area of Health, Education and Environmental Protection.
15. Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and maintain records accordingly; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smoking, etc. shall be

- undertaken once in six months and necessary remedial/preventive measures taken accordingly. The Recommendations of National Institute for ensuring good occupational environment for mine workers shall be implemented; The prevention measure for burns, malaria and provision of anti-snake venom including all other paramedical safeguards may be ensured before initiating the mining activities.
16. Project Proponent shall run an awareness campaign on sanitation for women and utilization of Sanitary Napkin and also to distribute the Sanitary Napkin/pads to the women and provide the training for proper disposal.
 17. The Regular monitoring of ground water table to be carried out by establishing a network of existing wells and constructing new piezometers. The reports shall be submitted at interval of six months to the Regional Office of the MoEF & CC, Govt. of India, Bhubaneswar and Odisha State Pollution Control Board.
 18. The water balance/ water auditing shall be carried out and measures for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF & CC, Govt. of India, Bhubaneswar and Odisha State Pollution Control Board.
 19. The Regular monitoring of water quality upstream and downstream of water bodies shall be carried out and record of monitoring data should be maintained and submitted to the at interval of six months to the Regional Office of the MoEF & CC, Govt. of India, Bhubaneswar and Odisha State Pollution Control Board.
 20. The Plantation/Green belt at the periphery of the water body, particularly on eastern and western boundaries, shall be maintained in the mined out area in order to reduce the loss of surface water.

B. General conditions:

1. A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment, Forest and Climate Change (MoEF & CC), Govt. of India as well as SEIAA, Odisha 3 years in advance of final mine closure for approval.
2. No change in mining technology and scope of working should be made without prior approval of the SEIAA, Odisha.
3. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
4. The project proponent shall obtain necessary prior permission of the competent authority for drawl of requisite quantity of water (surface water and ground water) for the project.
5. Mining shall be carried out as per the provisions outlined in mining plan approved by Indian Bureau of Mines (IBM) as well as by abiding to the guidelines of Directorate General Mines Safety (DGMS).
6. The project proponent shall carry out scientific investigation in respect of Blast induced ground vibration, fly rock & air blast. Based on this study, Project Proponent should design an effective blast design to curb blast induced menace and public annoyance. The Report shall be submitted to the SEIAA, Odisha as well as the Regional Office of the Ministry.
7. The lands which are not owned by Proponent, mining will be carried out only after obtaining the consents from all the concerned (and owners as per the provisions of the Mineral Concession Rules, 1960 and MMDR Act, 1957).
8. Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to the SEIAA, Odisha as well as to the Ministry of Environment, Forest and Climate Change and its Regional Office.
9. The critical parameters of ambient air quality as per the Notification 2009 such as PM₁₀, PM_{2.5}, NO₂ and SO₂ etc. in the ambient air within the impact zone, peak

particle velocity at 300m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on a display board at the project site at a suitable location near the main gate of the Company in public domain. The circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change shall also be referred in this regard for its compliance.

10. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM₁₀ and PM_{2.5} such as haul road, loading and unloading point and transfer points. Fugitive dust emissions from all the sources shall be controlled regularly. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. Monitoring of Ambient Air Quality to be carried out based on the Notification 2009, as amended from time to time by the Central Pollution Control Board.
11. Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. The monitoring shall be carried out four times in a year pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the data thus collected may be sent regularly to the SEIAA, Odisha as well as Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board.
12. Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table.
13. Regular monitoring of water quality upstream and downstream of water bodies shall be carried out and record of monitoring data should be maintained and submitted to the SEIAA, Odisha as well as Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.
14. Transportation of the minerals by road passing through the village shall not be allowed. A 'bypass' road should be constructed (say, leaving a gap of at least 200 meters) for the purpose of transportation of the minerals so that the impact of sound, dust and accidents could be mitigated. The project proponent shall bear the cost towards the widening and strengthening of existing public road network in case the same is proposed to be used for the Project. No road movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads.
15. 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 light/night hours.
16. Main haulage road in the mine should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt-conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.
 17. Sufficient number of Gullies to be provided for better management of water. Regular Monitoring of pH shall be included in the monitoring plan and report shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office on six monthly basis.
 18. There shall be planning, developing and implementing facility of rainwater harvesting measures on long term basis and implementation of conservation measures to augment ground water resources in the area in consultation with Central Ground Water Board.
 19. The Project Proponent has to take care of gullies formed on slopes. Dump mass should be consolidated with proper filling/leveling with the help of dozer/compactors.
 20. The reclamation at waste dump sites shall be ecologically sustainable. Scientific reclamation shall be followed. The local species may be encouraged and species are so chosen that the slope, bottom of the dumps and top of the dumps are able to sustain these species. The aspect of the dump is also a factor which regulates some climatic parameters and allows only species adopted to that micro climate.
 21. The top soil, if any, shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only and it should not be kept active for a long period of time. The maximum height of the dumps shall not exceed 8m and width 20 m and overall slope of the dumps shall be maintained to 45°. The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled and afforested. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office on six monthly basis.
 22. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly. The drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dumps to prevent run off of water and flow of sediments directly into the river and other water bodies and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and desilted at regular intervals.

23. Plantation shall be raised in a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, around water body, along the roads etc. by planting the native species in consultation with the local DFO/Agriculture Department and as per CPCB Guidelines. The density of the trees should be around 2500 plants per ha. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.
24. Project Proponent shall follow the mitigation measures provided in Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area", if any, applicable to the project.
25. The Project Proponent shall make necessary alternative arrangements, where required, in consultation with the State Government to provide alternate areas for livestock grazing, if any. In this context, Project Proponent should implement the directions of the Hon'ble Supreme Court with regard to acquiring grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded against felling and plantation of such trees should be promoted.
26. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna, if any, spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. A copy of action plan shall be submitted to the Ministry of Environment, Forest and Climate Change and its Regional Office.
27. Project proponent has to complied the Corporate environment Responsibility (CER) as per the provisions mentioned in the OM of Ministry no 22-65/2017.IA-III dated 1st May, 2018 based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office located at Bhubaneswar. Implementation of such program shall be ensured accordingly in a time bound manner.
28. 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.
29. Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
30. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of workshop effluents.
31. Personnel working in dusty areas should wear protective respiratory device sand they should also be provided with adequate training and information on safety and health aspects.
32. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
33. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office.

34. The project authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
35. The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment, Forest and Climate Change, its Regional Office, Central Pollution Control Board and State Pollution Control Board.
36. 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.
37. A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom suggestion / representation has been received while processing the proposal.
38. State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Collector's office/ Tehsildar's Office for 30 days.
39. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment, Forest and Climate Change at www.environmentclearance.nic.in and a copy of the same should be forwarded to the Regional Office.
40. The SEIAA, Odisha or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
41. 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 Environment (Protection) Act, 1986.
42. 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 of Odisha and any other Court of Law relating to the subject matter.
43. 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.

Yours faithfully,


Member Secretary

Memo No 7686/SEIAA /Dt. 21.12.19
Copy to

1. Joint Secretary (Environment), 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. Member Secretary, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar for information.
4. Additional Principal Conservator of Forests, Regional Office (EZ), Ministry of Environment & Forests, A-31, Chandrasekharpur, Bhubaneswar for information.
5. Chairman, Central Pollution Control Board, CBD-cum-office Complex, East Arjun Nagar, New Delhi-110032 for information.
6. Member Secretary, CGWA, 18/11, Jamnagar House, Man Singh Road, New Delhi-110011for information.
7. Copy to the Collector, Sundargarh for information.
8. Chairman/Member / Member Secretary, SEIAA for information.
9. Chairman, SEAC/Member Secretary, SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for information.
10. Guard file for record.


Member Secretary

etc.