



STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA), ODISHA

(Constituted vide order No. S.O. 1899 (E) Date 17th August, 2012
Ministry of Environment & Forest, Govt. of India, Under Environment Protection Act, 1986.)
Qr. No. 5RF-2/1, Unit - IX, Bhubaneswar - 751022
Tele / Fax : 0674 - 2540669, E-mail : selaaorissa@gmail.com

Ref. No. 354/SEIAA

Dt. 27.12.2012

From

Bhanu Pratap Singh, IFS
Member Secretary
State Environment Impact Assessment Authority (SEIAA)
Odisha, Bhubaneswar

To

Mr. Satish Kumar Gupta,
Power of Attorney Holder
M/s Penguin Trading & Agencies Ltd.
Maa Pravati Enclave, D. Block, II floor,
Station Road, Barbil-758035,
Dist- Keonjhar
Phone No-033-22267866
E-mail-penguinbbl@gmail.com

Sub: Environmental Clearance for enhancement in production of Iron Ore from 0.378 MTPA to 1.080 MTPA over an area 49.372 of Raikela & Tantra Iron Ore Mines of M/s Penguin Trading & Agencies Ltd at Raikela Iron & Tantra in Sundergarh district.

Sir,

This has reference to your letter no. PTA/EC/1/11-12 dated 11.05.11, No. PTA/BBL/EC/119/2012-12 dated 25.08.2012 and No. PTA/BBL/EC/170/2012-13 dated 03.10.2012 along with the application in the prescribed format (Form- I) and Terms of Reference (ToR) for Environmental Clearance on the above mentioned subject I am directed to say that the SEIAA, Odisha have been pleased to grant the Environmental Clearance for enhancement in production of for enhancement Iron Ore from 0.378 MTPA to 1.080 MTPA over an area 49.372 of Raikela & Tantra Iron Ore Mines at Raikels Iron & Tantra in Sundergarh district *for a period of five years.*

The proposal is for the enhancement of production capacity of iron ore mine from 0.378 MTPA to 1.080 MTPA over mining lease area of 49.372 ha. lease in Raikela and Tantra area over 49.372 hectares was granted by the state Govt. on 23.06.1991. The tenure of the lease period has expired since 03.12.2006. The application was filed on 22.2.2005 to the State Govt. for renewal of mining lease vide RML No. 148. Now the mine is under 'deemed lease' having all statutory clearances. Scheme of Mining along with Progressive Mine Closure Plan is prepared for the

period of 2012-13 to 2015-16 (4 years) and approved by IBM vide letter no. MS/OTF.MECH/60-ORI/BHU/2010-11, dated 17.03.2011. Forest Clearance (Stage-II) has been granted vide MoEF Letter No. 8/23/2007-FC, dt- 13-05-2009 for diversion of forest land (45.585 ha. excluding safety zone of 3.047 Ha. from the total forest land of 48.632). Estimated mineable reserve is 33973835 T (As on 01.04.2012 Ha). Expected life of the mine is 31 years. Ultimate working depth of mine is 70m.

In this proposition, increase of production in Iron Ore is from 0.378 MTPA to 1.08 MTPA over the ML area of 49.372 ha. The total crushing plant capacity and screening plant capacity will be 250 TPH and 500 TPH, respectively. The mine will be operated by fully mechanized method. Water requirement for the mine after expansion will be 300 KLD, which will be sourced from Karo Nala. The power requirement of the proposed mining project is estimated to be 0.5 MW which will be sourced from State Grid (WESCO). Estimated capital cost of the project is Rs. 9.2 Crores.

Due to presence of elephants in Buffer Zone, a site specific conservation plan was approved by PCCF & CWLW. Impact on air environment has been assessed by using AERMOD VIEW -ISCST3 model, which has shown the maximum incremental GLCs of SPM 13.58062 $\mu\text{g}/\text{m}^3$, for PM_{10} 9.68713 $\mu\text{g}/\text{m}^3$, for $\text{PM}_{2.5}$ 4.81236 $\mu\text{g}/\text{m}^3$, for SO_2 2.74238 $\mu\text{g}/\text{m}^3$, for NO_x 4.85859 $\mu\text{g}/\text{m}^3$, for CO 1.96472 $\mu\text{g}/\text{m}^3$. Risk assessment and other studies for assessment of hazards due to mining activities have been carried out and accordingly the disaster management plan has been prepared.

The highlights of the mitigation measures proposed are dust suppression in the mine by water sprinkling by mobile water tankers and water sprinklers, transportation of material will be done through covered tippers. There is no wastewater generation from the mining activity. Rainwater harvesting will be implemented for conservation of rainwater. Green belt will be developed within and along the periphery of mine as per the EMP. Capital cost of Rs.40 Lakhs has been dedicated towards environmental protection and implementation of environmental management plan. The mine has separate Environmental Management Cell (EMC) for implementation of all the environmental protection and monitoring plan. The mine has done peripheral developmental activities in the area and spent about Rs. 340 Lacs and will also continue the same for the proposed expansion. For the proposed expansion, Rs. 200 Lakhs has been planned to be spent over 5 years towards implementation of CSR activities. TOR was issued by the SEAC, Odisha on 13.9.2011 for conducting detailed EIA study. Public hearing was conducted on 26.6.2012. The Consultant M/s. S. S. Environics, Bhubaneswar made a presentation on behalf of the project proponent.

Based on the information, document and clarification provided and on the recommendation of SEAC, the SEIAA hereby accords Environmental Clearance for a period of 5 (five) years in favour of the project proponent under the provisions of EIA Notification, 2006 and 2009 and subsequent amendment thereto under various MoEF, Govt. of India Circulars there under and subject to the following stipulated conditions.

Specific Conditions:-

1. The applicant (Project proponent) will take necessary measures for prevention, control and mitigation of Air Pollution, Water Pollution, Noise Pollution and Land Pollution including solid waste management as mentioned by him in Form-1, Final EIA reports and Environment Management Plan (EMP) in compliance with the prescribed statutory norms and standards.
2. The applicant will take necessary steps for socio-economic development of the people of the area on need based assessment for providing employment, education, health care, drinking water and sanitation, road and communication facilities etc.
3. The applicant will comply to the points, concerns and issues raised by the people during public hearing on 26.06.2012 in accordance with the commitments made by him thereon.
4. The applicant will take statutory clearance/approval/permissions from the concerned authorities in respect of his project as and when required.
5. For post environmental clearance monitoring, the applicant will submit half-yearly compliance report in respect of the stipulated terms and conditions of Environmental Clearance to the State Environmental Impact Assessment Authority (SEIAA), Orissa on 1st June and 1st December of each calendar year.
6. The core zone should be monitored intensively with no. of stations as prescribed by CPCB, Delhi and unit of pollutant level should be expressed as NAAQ of CPCB, Delhi. The detailed methodology adopted for analysis of samples shall be clearly indicated.
7. The proponent shall submit baseline data on flora & fauna and CSR activities already carried out within three months to the SEIAA, Odisha.
8. Adequate buffer zone shall be maintained between two consecutive mineral bearing deposits.
9. Zero waste mineral concept shall be implemented either by putting up beneficiation and pelletisation plant or dispose of low grade ores/fines (45% above) to prospective buyers. BHG/BAJ should be kept in separate stock piling and may sale to prospective buyers.
10. The following shall be implemented viz. (a) dump run-off should be diverted into settling ponds (b) adequate rain water harvesting and ground water recharging facilities should be developed in the core zone; (c) attempt should be made to achieve zero water balance.
11. Maintenance of roads through which transportation of ores are undertaken shall be carried out by the project proponent regularly at its own cost.
12. Fugitive dust generation shall be controlled. Fugitive dust emission shall be regularly monitored at locations of nearest human habitation (including schools and other public amenities located nearest to sources of dust generation as applicable) and records shall be submitted to the SEIAA, Odisha.

13. Mineral handling area shall be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
14. Efforts may be made to use surface water instead of ground water for mining and allied activities. Detail proposal of rain water harvesting and surface runoffs managements shall be furnished. These should be collected and used in dust suppression and plantation.
15. Transportation of ore shall be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of ore / dust takes place.
16. Rain water harvesting shall be undertaken to recharge the ground water source.
17. Monitoring of ground and surface water quality shall be regularly conducted and records should be maintained and data shall be submitted regularly to the SEIAA, Odisha.
18. The proponent shall ensure that no silt originating due to mining activity is transported in the surface water course. Measures for prevention and control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion shall be carried out with geo textile matting or other suitable material, and thick plantations of native trees and shrubs shall be carried out at the dump slopes. Dumps shall be protected by retaining walls.
19. Trenches / garland drains shall be constructed at foot of dumps to arrest silt from being carried to water bodies. Adequate number of Check Dams shall be constructed across seasonal/perennial nallahs (if any) flowing through the ML area and silts be arrested. De- silting at regular intervals shall be carried out.
20. Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
21. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to mineral dust etc. shall be carried out. The Proponent shall engage a full time qualified doctor who is trained in occupational health. Periodic monitoring for exposure to respirable mineral dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers as well as local people on impact of mining on their health water conservation and quality sanitation and precautionary measures like use of personal equipments etc. shall be carried out periodically. Review of impact of various health measures undertaken (at interval of five years or less) shall be conducted followed by follow up action wherever required. Occupational Health Centre shall be established near the mine site itself.
22. Shelter belt i.e Wind Break of 15 m width and consisting of at least 5 tiers around lease facing the human habitation, school / agricultural fields etc. (if any in the vicinity), in the safety zone/ back-filled & reclaimed areas, around voids & roads shall be raised. Green belt development and selection of plant

species shall be as per CPCB guidelines. Density of the trees has to be around 2500 plants per hectare. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. Help & guidance of local DFO may be sought in the matter. Details of year wise afforestation programme including rehabilitation of mined out area shall be submitted to the SEIAA, Odisha within six months.

23. The proponent shall comply to the conditions imposed forest clearance.
24. The top soil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long (not more than 3 years). The topsoil shall be used for land reclamation and plantation.
25. The over burden (OB) generated during the mining operation shall be stacked at earmarked dump site(s) only and it should not be kept active for a long period of time and its phase-wise stabilization shall be carried out. Proper terracing of OB dump shall be carried out so that the overall slope shall not exceed 28^o. Backfilling shall be done as per approved mining plan. Back-filling to start from 3rd year onwards of the mining operation & the entire quantity of waste generated shall be backfilled & liquidated within five years. There shall be no external over-burden dumps after the 6th year of the mining operation. The backfilled area shall be afforested. Back-filling has to be done in a manner that it is restored to the normal ground level. Monitoring & management of rehabilitated areas should continue till the vegetation is established & becomes self-generating. Compliance status to be reported to the appropriate authorities.
26. The funds earmarked for the environment protection measures shall be judiciously utilized. Under no circumstances this funds shall be diverted for other purposes. Year-wise expenditure for this fund should be reported to the SEIAA, Odisha.
27. The critical parameters 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 and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.
28. A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the SEIAA five years in advance of final mine closure for approval.
29. The project proponent shall obtain necessary prior permission of the competent authorities for drawal of requisite quantity of water (surface water and ground water) required for the project.
30. The project proponent shall prepare wild life conservation plan in consultation with DFO and adequate safety and mitigation measures should be incorporated to protect the wild life, flora, fauna to mitigate adverse impact.

31. The above mentioned stipulated conditions shall be complied in time bound manner. Failure to comply with any of the conditions mentioned above may result in withdrawal of this environmental clearance and attract action under the provisions of Environment Protection (EP) Act, 1986.


Member Secretary

Memo No _____ /Dt _____

Copy to

1. Ministry of Environment & Forests, Govt. of India, Paryavaran Bhawan, C.G.O Complex, Lodhi Road, New Delhi for kind information.
2. Principal Secretary, Forests & Environment Dept., Government of Odisha for kind information.
3. Chairman, State Pollution Control Board, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar for kind information.
4. Chief Conservator of Forests, Regional Office (EZ), Ministry of Environment & Forests, A-31, Chandrasekharpur, Bhubaneswar for kind information.
5. Chairman, Central Pollution Control Board, CBD-cum-office Complex, East Arjun Nagar, New Delhi-110032 for kind information.
6. Collector & District Magistrate, Sundargarh for kind information and necessary action.
7. Chairman/Member/Member Secretary, SEIAA for kind information.
8. Chairman, SEAC/Secretary, SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for kind information.
9. Guard file for record.


Member Secretary



2/6

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA), ODISHA

{ Constituted vide order No. S.O. 1899 (E) Date 17th August, 2012

Ministry of Environment & Forest, Govt. of India, Under Environment Protection Act, 1986.)

Qr. No. 5RF-2/1, Unit - IX, Bhubaneswar - 751022

Tele / Fax : 0674 - 2540669, E-mail : seiaaorissa@gmail.com

Ref. No. 3429/SEIAA

Dt. 30.05.2015

From

Shri S.B. Samant, IFS
Member Secretary,
State Environment Impact Assessment Authority (SEIAA), Odisha,
Bhubaneswar

To

Mr. Satish Kumar Gupta,
Power of Attorney Holder,
M/s Penguin Trading & Agencies Ltd.
Maa Pravati Enclave, D-Block, II Floor,
Station Road, Barbil-758035
Dist-Keonjhar

Sub: Raikela & Tantra Iron Ore Mines of M/s Penguin Trading & Agencies Ltd. at Village Raikela & Tantra over an area of 49.372 ha. in the district of Sundargarh, Odisha-Extension of Environmental Clearance regarding.

Sir,

With reference to your letter no. PTA/BBL/MOEF/595/2014-15 dated 24.02.2015 on the above mentioned subject, I am directed to say that the State Environment Impact Assessment Authority, Odisha have considered the extension of time period of Environmental Clearance for the above project in its meeting held on 15.05.2015.

Considering the information/documents furnished by the project proponent, the State Expert Appraisal Committee (SEAC) after due considerations of the relevant documents submitted by the project proponent have recommended for extension of Environmental Clearance as per the directions of the Hon'ble High Court of Odisha in W.P.(C) No. 25211/2013 in favour of the project extended upto 30 years or the life of the mine whichever is less.

The SEIAA, Odisha after due consideration under the provisions of EIA Notification 2006 and 2009 and subsequent amendments thereto and as per the directions of the Hon'ble High Court of Odisha hereby grant extension of time period of

Environmental Clearance in favour of the project extended upto 30 years or the life of the mine whichever is less subject to the stipulated conditions remaining unaltered as given vide E.C letter no. 354/SEIAA dated 27.12.2012.

Yours faithfully,



Member Secretary

Memo No 3430/SEIAA /Dt. 30.05.2015

Copy to

1. Ministry of Environment, Forests and Climate Change Govt. of India, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi-110003 for kind information.
2. Additional Chief Secretary, Forests & Environment Dept., Government of Odisha for kind information.
3. Chairman, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar for kind information.
4. Chief Conservator of Forests, Regional Office (EZ), Ministry of Environment & Forests, A-31, Chandrasekharpur, Bhubaneswar for kind information.
5. Chairman, Central Pollution Control Board, CBD-cum-office Complex, East Arjun Nagar, New Delhi-110032 for kind information.
6. Collector & District Magistrate, Sundargarh for kind information and necessary action.
7. Chairman/Member/Member Secretary, SEIAA for kind information.
8. Chairman, SEAC/Secretary, SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for kind information.
9. Guard file for record.



29.5.15
Member Secretary



**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
(SEIAA), ODISHA.**

**5RF-2/1, Unit - IX, Bhubaneswar - 751022
E-mail : seiaaorissa@gmail.com**

Ref. No. 5123/SEIAA

Date 18.06.18

File No. SEIAA-77/2011

From

Shri K. Murugesan, IFS
Member Secretary,
State Environment Impact Assessment
Authority, Odisha, Bhubaneswar

To

Sri Satish Kumar Gupta,
Power of Attorney Holder,
M/s Penguin Trading & Agencies Ltd.
Maa Pravati Enclave, D. Block,
2nd Floor, Station Road, Barbil-758035

Sub: Proposal for proposed enhancement in production of Iron Ore from 0.378 MTPA to 1.080 MTPA over an area 49.372 of Raikela & Tantra Iron Ore Mines of M/s Penguin Trading & Agencies Ltd at Raikela Iron & Tantra in the district of Sundergarh- Revision of stipulation condition no. 25 of EC regarding.

Ref: This office letter no. 354/SEIAA dated 27.12.2012 and letter no. 3429/SEIAA dated 30.05.2015.

Sir,

This has reference to your letter no. PTA/BBL/MOEF/334/2017-18 dated 04.10.2017 seeking revision of stipulated condition no. 25 of environmental clearances granted by SEIAA vide letter no. 354/SEIAA dated 27.12.2012 and Extension of EC vide letter no. 3429/SEIAA dated 30.05.2015 for the above project under EIA Notification 2006 and 2009 and subsequent amendments thereto. The proposal has been appraised as per the provisions under the EIA Notification 2006 and on the basis of the documents enclosed with the application such as Form-1, Prefeasibility Report, Approved mining plan and certified compliance report from Regional Office, Chandrasekharpur and observations of the State Expert Appraisal Committee, Odisha.

1. Environmental clearance was issued by SEIAA, Odisha vide letter No. 354/SEIAA, dated 27.12.2012 to Raikela&Tantra Iron Ore Mines of M/s. Penguin Trading &

Agencies Ltd. for enhancement in production of iron ore from 0.378 MTPA to 1.080 MTPA over an area 49.372 at - Raikela Iron & Tantra in Sundergarh district This environmental clearance is valid for five years i.e. upto 26.12.2017.

2. The validity of above Environmental Clearance was extended vide letter no. 3429/SEIAA, dated 30.05.2015 upto 30 years or the life of the mines, whichever is less.
3. The proponent has requested vide letter no. PTA/BBL/MoEF/334/2017-18, dated 04.10.2017 for revision of Stipulated Condition No.25 of Environmental Clearance by inserting "not to disturb the stabilized OB Dump & back fill, reclamation & rehabilitation will be done in the generated OB on the Ore Exhaust part during Mining Operation as per approved Mining Plan / Scheme of Mining" with following reasons.
 - (i) The Mining Lease of Raikela&Tantra Iron Mines was originally granted for a period of 20 years from 3.12.1986 to 2.12.2006. Application for 1st renewal of mining lease was Submitted on 22.02.2005 within the stipulated period as provided under MC Rules, 1960 & the period of the lease extended upto 02.12.2036 Under Section 8 A of M & M (D & R) Act'2015.
 - (ii) The Scheme of Mining is approved in respect of Raikela&Tantra Iron Mines on 30.12.2015 for the period of 2016-17 to 2020-21 by Indian Bureau of Mines, Bhubaneswar.
 - (iii) Forest Clearance obtained from MOEF, New Delhi; Over 45.585 Ha. On Dt.13.05.2009 for Mining purpose and over 3.047 Ha. On Dt.15.07.2015 for Safety Zone purpose.
 - (iv) They had obtained Environmental Clearance from MoEF&CC, Govt. of India, New Delhi vide Approval No. J-11015/169/ 2007-IA.II (M), Dt.17.01.2008 of MOEF, Govt. of India, New Delhi for 0.378 Million Tonne per Annum. In the said Environmental Clearance, Special Condition No. viii had been stipulated as "The over burden (OB) generated shall be stacked at earmarked dump site(s) only and it should not be kept active for long period. Proper terracing of OB dump shall be carried out so that the overall slope of dump shall not exceed 28°. The over burden dump shall 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. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the MoEF&CC, Govt. of India and its Regional Office located at Bhubaneswar on six monthly basis".
 - (v) They had obtained Environmental Clearance from the SEIAA, Odisha vide No.354/SEIAA, Dt.27.12.2012 for (5) Five Years & vide No.3429/SEIAA, Dt.30.05.2015 for (30) Years. In the said Environmental Clearance, condition No.25 has been stipulated as "The over burden (OB) generated during the mining operation shall be stacked at earmarked dump site(s) only and it should not be kept active for a long period of time and its phase-wise stabilization shall be carried out. Proper terracing of OB dump shall be carried out so that the overall slope shall not exceed 28° Backfilling shall be done as per approved mining plan. Back-filling to start from 3rd year onwards of the mining operation & the entire quantity of waste generated shall be backfilled & liquidated within five years. There shall be no external overburden dumps after the 6th year of the mining operation. The backfilled area shall be afforested. Back-filling has to be

done in a manner that it is restored to the normal ground level. Monitoring & management of rehabilitated areas should continue till the vegetation is established & becomes self-generating. Compliance status to be reported to the appropriate authorities”.

- (vi) The main point is Back-filling to start from 3rd year onwards of the mining operation & the entire quantity of waste generated shall be backfilled & liquidated within five years. There shall be no external over-burden dumps after the 6th year of the mining operation. They have started the Back Fill from 2012-13 & till continuing on the Ore exhausted part as per Approved Scheme of Mining. The Back Fill process will continue phase wise as per exhaust of Ore as indicated in Approved Scheme of Mining. Regarding existing Over Burden Dump, they have been dumped the Over Burden till 2011-12, which generated during the mining operation and been stabilized the OB Dump with Coir matting & Plantation as per approved Scheme of Mining.
4. The SEAC in its meeting held on 15.11.2017 decided to take decision on the request of the proponent after receipt of certificate of compliance to Environmental Clearance conditions granted by MoEF&CC, Govt. of India as well as SEIAA, Odisha from the proponent.
5. The proponent has furnished the certificate of compliance to Environmental Clearance conditions granted by MoEF&CC, Govt. of India as well as SEIAA, Odisha.

The SEAC recommended for revision of Stipulated Condition No.25 of Environmental Clearance by inserting “not to disturb the stabilized OB Dump & back fill, reclamation & rehabilitation will be done in the generated OB on the Ore Exhaust part during Mining Operation as per approved Mining Plan / Scheme of Mining”.

Considering the information furnished by the proponent, the State Expert Appraisal Committee (SEAC) after due considerations of the relevant documents submitted by the project proponent and clarification/documents furnished to it have recommended for revision of Stipulated Condition No.25 of Environmental Clearance by inserting “not to disturb the stabilized OB Dump & back fill, reclamation & rehabilitation will be done in the generated OB on the Ore Exhaust part during Mining Operation as per approved Mining Plan / Scheme of Mining”.

The State Environment Impact Assessment Authority (SEIAA) after considering the proposal and recommendations of SEAC, Odisha hereby accords revision of stipulated condition no. 25 of Environmental Clearance granted by SEIAA earlier vide letter no. 354/SEIAA dated 27.12.2012 and Extension of EC vide letter no. 3429/SEIAA dated 30.05.2015 in favour of the project under the provisions of EIA Notification 2006 and 2009 and subsequent amendments thereto under various MoEF & CC, Govt. of India circulars subject to strict compliance of the terms and conditions stipulated remaining unaltered as given vide E.C letter no. 354/SEIAA dated 27.12.2012, and Extension of EC

vide letter no.3429/SEIAA dated 30.05.2015. All other conditions of environmental clearance as communicated vide no. 354/SEIAA dated 27.12.2012 and Extension of EC vide letter no.3429/SEIAA dated 30.05.2015 remain unaltered/unchanged. In addition, the following conditions will also be strictly followed /adhered to:

Stipulated Conditions (Additional):

1. The EC granted, earlier will now remain coterminous with the lease period.
2. As recommended by SEAC, revision of Stipulated Condition No.25 of Environmental Clearance by inserting "not to disturb the stabilized OB Dump & back fill, reclamation & rehabilitation will be done in the generated OB on the Ore Exhaust part during Mining Operation as per approved Mining Plan/Scheme of Mining".
3. The applicant will submit half-yearly compliance report on post environmental monitoring in respect of the stipulated terms and conditions in the Environmental Clearance to the State Environmental Assessment Authority (SEIAA), Odisha, SPCB & Regional Office of the Ministry of Environment & Forest, Odisha on 1st June and 1st December of each Calendar Year and the same may be updated in the website of MoEF & CC,GOI.

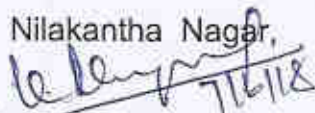
Yours faithfully,


Member Secretary

Memo No 5124/SEIAA/Dt. 18.06.18

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 Chief Conservator of Forests, Regional Office (EZ), Ministry of Environment & Forests, A-31, Chandrasekharapur, Bhubaneswar for information.
5. Chairman, Central Pollution Control Board, CBD-cum-office Complex, East Arjun Nagar, New Delhi-110032 for information.
6. Copy to the ADM and District Magistrate, Sundergarh, for Kind information and necessary action.
7. Member Secretary, CGWA, 18/11, Jamnagar House, ManSingh Road, New Delhi-110011 for information.
8. Chairman/Member / Member Secretary, SEIAA for information.
9. Chairman, SEAC/Secretary, SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for information.
10. Guard file for record.


Member Secretary