



सत्यमेव जयते

File No.: 469590/52-MINB2/04-2024  
Government of India  
Ministry of Environment, Forest and Climate Change  
(Issued by the State Environment Impact Assessment Authority (SEIAA),  
ODISHA)

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Dated 05/07/2024



To,  
GYANA DAS  
GYANA DAS  
Plot No-3169, Near Sarada Matha, PO-Old Town, KORAPUT, ODISHA, 751002  
gyanadas3112@gmail.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 vide proposal number SIA/OR/MIN/469590/2024 dated 18/04/2024 for grant of prior Environmental Clearance (EC) to the 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.	EC24C0108OR5499988N
(ii) File No.	469590/52-MINB2/04-2024
(iii) Clearance Type	Mining EC Under 5 Ha
(iv) Category	B2
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	Bergaon Decorative Stone Mine Over an area of 5.40 Acre or 2.185 Hectares in village Bergaon under Baipariguda Tahasil of Koraput District of Odisha.
(ix) Location of Project (District, State)	KORAPUT, ODISHA
(x) Issuing Authority	SEIAA
(xii) Applicability of General Conditions	No

The project proponent Sri Gyana Ranjan Das, Power of Attorney Holder of the lessee Sri Prabhat Kumar Srivastava has submitted an application for EC to SEIAA, Odisha through the Parivesh portal of MOEF&CC, GOI vide online

application no. SIA/OR/MIN/469590/2024 dated 18.04.2024 for mining of decorative stone from Bergaon Decorative Stone Mine over an area of 5.40 Acre or 2.185 Hectares in village Bergaon under Baipariguda Tahasil of Koraput District of Odisha.

2. Proposal in brief:

Proposal No.	SIA/OR/MIN/469590/2024
File No.	18.04.2024
Project Type	469590/52-MINB2/04-2024
Category	Proposal for Fresh EC
Project/Activity including Schedule No.	B2
Name of the Project	1(a) Mining of minerals Proposal for EC of Bergaon Decorative Stone Mine over an area of 5.40 Acre or 2.185 Hectares in village Bergaon under Baipariguda Tahasil of Koraput District of Odisha
Name of the company/Organization	Sri Gyana Ranjan Das Power of Attorney Holder of Sri Prabhat Kumar Srivastava (Lessee)
Location of Project	N/A
ToR Date	N/A
Name of the Consultant	N/A

3. Project details: The highlights of the project, as ascertained from the application and as revealed from the proceedings/discussions held during the meetings of SEAC/SEIAA, are given as under:

(i) This is a proposal for extraction of decorative stone from Bergaon Decorative Stone Mine over an area of 5.40 Acre or 2.185 Hectares in village Bergaon under Baipariguda Tahasil of Koraput District of Odisha.

(ii) The mining area is a part of Survey of India Toposheet No. E45K5 and is bounded between the Latitude-18°45'57.40"N to 18°46'03.6"N and Longitude – 82°22'01.20"E to 82°22'13.00"E. bearing Khata no. 290, Plot no. 1930, 1931, 1932, 1933 & 1935/P, Kissam-Pahada

(iii) The PP has already obtained EC from DEIAA, Koraput vide letter no. 6023 dt. 25.11.2016 up to the lease period (30 years) i.e. upto 18.04.2032. As per MoEF & CC O.M. Dt. 15.03.2024 the PP has applied fresh EC application for re-appraisal.

(iv) The PP has obtained CTO from SPCB vide letter no. 787 dt. 27.03.2024 valid upto 27.10.2024.

(v) Initially, the Govt. of Odisha has allowed mining lease of Bergaon Decorative Stone Mine over an area of 5.40 Acre or 2.185 Hectares in village Bergaon under Baipariguda Tahasil of Koraput District of Odisha in favour of Sri Prabhat Kumar Srivastava for mining of decorative stone from the source for a period of ten (10 years) i.e. upto 19.04.2012. Further, as per Rule-8A of the OMMC Rule, 2016 the lease period has been deemed to be extended upto 18.04.32(Ref Supplementary Mining Lease Deed was made on 12th August 2020 between Sri Prabhat Kumar Srivastav and Govt. of Odisha for further a period of 20 years w.r.f 19.04.2012 to 18.04.2032).

(vi) Govt. of Odisha have conditionally granted the above area for 30 years and issued the Terms & Conditions Letter vide Letter No 1480 /S &M, Bhubaneswar, Dt. 08.02.2021 in favour of Smt. Pari Padma, W/o- Sapan Kumar Tripathy, VIP Colony, 1st line, Parabada, At/Po- Jeypore, District-Koraput.

(vii) The Progressive Mine Closer Plan was approved by Joint Director of Mines O/o- Directorate of Mines and Geology, Steel and Mines Dept., Govt. of Odisha, Bhubaneswar, vide letter no. MGXXIV-(b)-28/2023/1024/DoMG dated 05.02.2024 for a period of five years plan period.

(viii) The Mining Officer, Koraput vide letter no. No Nil; dt. 06.03.2024 has certified that the said quarry is not coming in DLC list or any forest land and also not coming any cluster.

(ix) Date of approval of Modified mining plan- Joint Director of Mines, O/o-Directorate of Mines and Geology, Steel & Mines Dept, Govt. of Odisha vide letter no. 1024 dt. 05.02.2024.

(x) Production capacity per annum-2700 cum/annum (max.), mineable reserve-15630 cum, total production in 5 years period-10800 cum

(xi) The DSR has not been prepared as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 and as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others).

(xii) EMP provision of Rs. 6.60 Lakh (Capital cost) and Rs. 5.70 Lakh/annum (Recurring Cost).

(xiii) The cluster certificate has been furnished by the Mining Officer, Koraput certifying that there is another quarry are

coming within the radius of 500meter of the proposed quarry. Hence it is coming under cluster proposal.

4. As per EIA Notification, 2006 as amended time to time, and the decorative stone mining of mineral extraction project falls under Category B2 as the mining lease area is less than 5 ha.

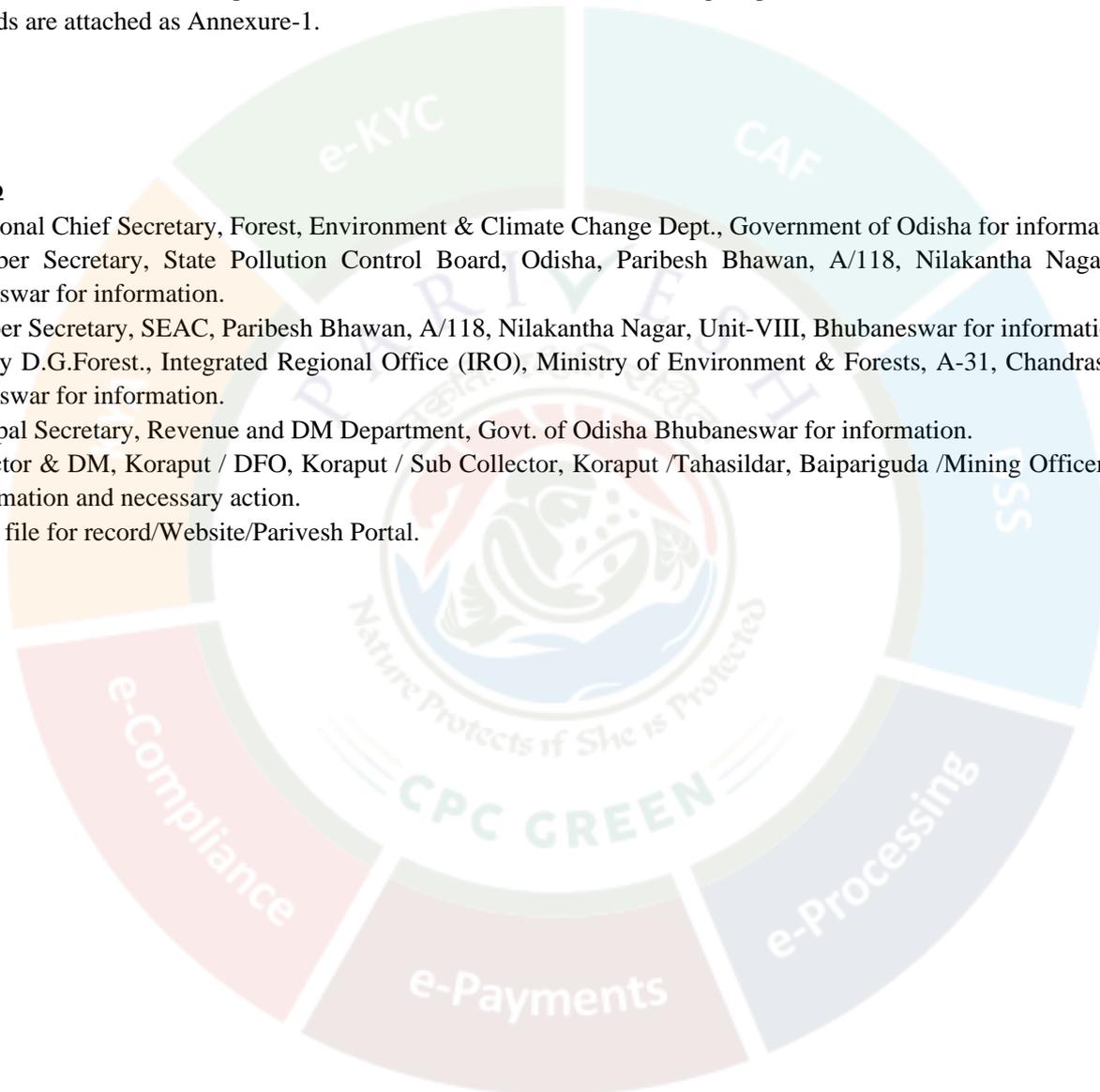
5. The proposal was considered by the State Level Expert Appraisal Committee (SEAC) in its meeting held on 29th April, 01st, 02nd, 03rd and 04th May 2024 and the SEAC recommended to grant EC to the proposal upto the lease period with below mentioned additional conditions.

6. The matter was further examined in the State Environment Impact Assessment Authority (SEIAA), Odisha in its 168th meeting held on 24.06.2024 & 25.06.2024 in accordance with the EIA Notification, 2006 and further amendments thereto.

7. Environmental Clearance (EC) is granted 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 Bergaon Decorative Stone Mine over an area of 5.40 Acre or 2.185 Hectares in village Bergaon under Baipariguda Tahasil of Koraput District of Odisha with the following stipulations, environmental conditions and safeguards are attached as Annexure-1.

### **Copy To**

1. Additional Chief Secretary, Forest, Environment & Climate Change Dept., Government of Odisha for information.
2. Member Secretary, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar for information.
3. Member Secretary, SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for information.
4. Deputy D.G.Forest., Integrated Regional Office (IRO), Ministry of Environment & Forests, A-31, Chandrasekharpur, Bhubaneswar for information.
5. Principal Secretary, Revenue and DM Department, Govt. of Odisha Bhubaneswar for information.
6. Collector & DM, Koraput / DFO, Koraput / Sub Collector, Koraput /Tahasildar, Baipariguda /Mining Officer, Koraput for Information and necessary action.
7. Guard file for record/Website/Parivesh Portal.



**A: Stipulations:**

<b>Sl.</b>	<b>Descriptions</b>	<b>Stipulation</b>
(i)	Lease Area:	5.40 Acres or 2.185 Ha
(ii)	No Mining Zone:	7.5meter safety zone from all along the lease boundary.
(iii)	Maximum Depth of Mining:	Maximum 6.00 Mtr. from the ground level/surface level of this area as stipulated in rule 37(1)(a) of the OMMC Rule, 2016.
(iv)	Method of Mining	Semi-mechanized, wherever necessary small-scale blasting will be carried out.
(v)	Permitted Quantity:	<b>1<sup>st</sup> year- 2700 cum/annum</b> <b>2<sup>nd</sup> year-2700 cum/annum</b> <b>3<sup>rd</sup> year-2700 cum/annum</b> <b>4<sup>th</sup> year-2700 cum/annum</b> <b>5<sup>th</sup> year-2700 cum/annum</b>
(vi)	Validity Period of EC:	This EC is valid till validity of DSR or validity of lease period whichever is earlier.

**Specific Stipulation/Conditions**

- (i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.
- (ii) In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured.
- (iii) Depth of Mining as proposed should not be beyond 6m from the ground level/surface level of this area.
- (iv) Stone quarry project proponent need to maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.
- (v) The boundary area of the deposit as per the revised / updated DSR to be defined by geo coordinates based on DGPS survey superimposed on the cadastral map.
- (vi) Construction of garland drains retaining wall and settling tank should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity.
- (vii) Topsoil excavated during mining to be stacked separately in the ML area and to be used or plantation in and around the ML area.
- (viii) The project proponent shall undertake re-grassing of the area or any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for fodder, flora, fauna etc. after ceasing mining operation that is at the time of mine closure.

- (ix) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.
- (x) Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt.

**B: ENVIRONMENTAL CONDITIONS AND SAFEGUARDS WHICH NEED TO BE COMPLIED WITH BY THE LESSEE BEFORE QUARRY OPERATAION:**

- 7.1 **Boundary Demarcation:** - The boundary of the lease area shall be demarcated on ground at the project cost, by erecting 1.20 meter (4 feet approx.) high reinforced concrete pillars above ground, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates by any empanelled agency of ORSAC.
- 7.2 **Digital Map:** -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the mining officer shall be submitted to SEIAA, Odisha through email at [info.seiaaodisha@gmail.com](mailto:info.seiaaodisha@gmail.com).
- 7.3 **Intimation of EC:** - The copies of the EC shall be sent to the Sarpanch(s) of the concerned Gram Panchayat(s), Urban Local Bodies and relevant other Offices of the Government with a request to display the same for 30 days from the date of receipt.
- 7.4 **Tree Plantation:** - Compensatory Tree Planting (CTP) shall be carried out with minimum @100 trees per Ha. of lease area as per the approved cost norm for avenue plantations of the State Forest Department. The Project Proponent (lease holder) shall deposit **Rs.1,50,000/-** with the respective DFO/District Environment Society for raising 300 plants of native species within 2 years.
- 7.5 **Condition by Collector:** - Any other condition(s) the Collector & Chairman, District Environment Impact Assessment Authority (DEIAA), may impose in the interest of protection and safeguarding the local environment.
- 7.6 The copies of the EC shall be sent to the Sarpanch(s) of the concerned Gram Panchayat(s), Urban Local Bodies and relevant other Offices of the Government with a request to display the same for 30 days from the date of receipt.
- 7.7 The Project Proponent shall obtain consent from the State Pollution Control Board, Odisha and effectively implement all the conditions stipulated therein.
- 7.8 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](http://www.environmentclearance.nic.in) and a copy of the same should be forwarded to the Regional Office.
- 7.9 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.

- 7.10 Permission should be taken from the concerned authority to use the panchayat/village road for transportation before operation of mine.
- 7.11 The EMP budget of **Rs. 6.60 Lakh (Capital cost) and Rs. 5.70 Lakh/annum (Recurring Cost)** will be expended for environmental management, dust suppression, maintenance of transportation road, safety and health of workers and peripheral development etc. of the quarry area.

**C. SPECIFIC ENVIRONMENTAL CONDITIONS AND SAFEGUARDS WHICH NEED TO BE COMPLIED ON FIELD DURING OPERATION.**

**Air quality monitoring and preservation**

- 7.12 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 PM2.5 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.

**Water quality monitoring and preservation**

- 7.13 No extraction of ground water and no drawl of any surface water for operation of mine shall be allowed at any case except drinking purpose with due permission from CGWA. The PP shall be use the water from rainwater harvesting pit and pondage of surface water for mining activity and sprinkling of waste for dust suppression.
- 7.14 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.
- 7.15 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.
- 7.16 All mine discharge waste water should have treatment and after treatment shall be used in sprinkler to control fugitive dust emission.
- 7.17 The project proponent shall take adequate measure for Zero-discharge of water outside the mining area. All rainwater falling in the mining area shall be conserved within the mine area.
- 7.18 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. A legal affidavit shall be submitted within 6 months from the date of issue of Environmental Clearance to this effect with periodicity of de-silting.

## **Mining Plan**

- 7.17 The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, overburden, interburden and top soil etc. No change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form of Short Term Permit (STP), Query license or any other name.
- 7.18 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.
- 7.19 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-a-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 MoEF&CC and its concerned Regional Office / SEIAA, Odisha.

## **Land reclamation**

- 7.20 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.
- 7.21 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.
- 7.22 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 overburden (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.

- 7.23 Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and topsoil / OB / waste dumps to prevent runoff 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. 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 Ministry of Environment, Forest and Climate Change its Regional Office and SEIAA, Odisha.
- 7.24 The Over burden (O.B.) of reject/waste 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 dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by D.G.M.S w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of top soil/OB dumps. The top soil shall be used for land reclamation and plantation.
- 7.25 The top soil, if any, shall temporarily be stored at earmarked site(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved Mining Plan and as per the guidelines framed by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of dumps. The topsoil shall be used for land reclamation and plantation purpose.
- 7.26 The mining lease holders shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

### **Transportation**

- 7.27 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.
- 7.28 The Main haulage road within the mine lease should be provided with a permanent water 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 like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipment like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

### **Green Belt**

- 7.29 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. Greenbelt shall be developed all along the mine lease area within first two years.
- 7.30 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.
- 7.31 If the Project proponent expanding the fresh area involving cleaning of vegetation, all standing sapling of 14cm girth near base should be extracted carefully and replanted at suitable location in the un-worked area.
- 7.32 Un-established sapling within the operational area shall be replanted in the un-worked area within the lease.
- 7.33 The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered.
- 7.34 The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas if it is 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.
- 7.35 The Project Proponent shall undertake all precautionary measures for conservation and protection of endangered flora and fauna and Schedule-I species during mining operation. A Wildlife Conservation Plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The Plan shall be approved by Chief Wild Life Warden of the

State Govt.

- 7.36 And implemented in consultation with the State Forest and Wildlife Department. A copy of Wildlife Conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the Ministry.

### **Human Health issues**

- 7.37 Project Proponent shall appoint an Occupational Health Specialist for Regular and Periodical medical examination of the workers engaged in the Project and records maintained; also, Occupational health check-ups for workers having some ailments like BP, diabetes, habitual smokers, etc. shall be undertaken once in six months and necessary remedial/preventive measures taken accordingly. Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted; All the old age people of the surrounding villages maybe provided medical facilities.
- 7.38 The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- 7.39 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.
- 7.40 Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- 7.41 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.

### **Miscellaneous**

- 7.51 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.
- 7.52 A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the SEIAA, Odisha 5 years in advance of final mine closure for approval.
- 7.53 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.
- 7.54 The SEIAA, Odisha may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- 7.56 **Concomitant Monitoring:** - The conditions stipulated in the environmental clearance will be closely monitored on the ground by the lease granting authority, i.e. the Mining officer/Tahasildar, who shall ensure compliance of the stipulated conditions and take corrective measures promptly in case of any non- compliance and also ensure that the project proponent submits quarterly compliance reports.

- 7.57 **Independent Monitoring:** -The concerned Regional Office of the MoEF & CC/ SPCB, Odisha shall periodically monitor compliance of the stipulated conditions as applicable for this project. The project authorities should extend full cooperation to the MoEF & CC officer(s)/SPCB officer(s) by furnishing the requisite data/ information / monitoring reports.
- 7.58 **Half-yearly Compliance Report:** - It shall be mandatory for the project management to submit half yearly compliance reports on the status of implementation of the above stipulated environmental safeguards to the SEIAA, Odisha / Regional Office of the MoEF& CC, Bhubaneswar in soft copies on 1<sup>st</sup> day of June and December of each calendar year. The proponent shall also upload the compliance report including results of monitored data, as applicable in the website of the Ministry for monitoring of EC Conditions, failing which EC is liable to be revoked.
- 7.59 **Revocation of EC:** -The SEIAA, Odisha may revoke or suspend the EC, if implementation of any of the above conditions is not satisfactory. The SEIAA, Odisha reserves the right to alter /modify the above conditions or stipulate any further condition in the interest of environment protection.
- 7.61 Any appeal against this 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.
- 7.62 The above-mentioned stipulated conditions shall be complied in a time-bound manner. Failure to comply with any of the conditions mentioned above may result in cancellation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.

