



सत्यमेव जयते

File No.: 469079/163-MIN/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 17/01/2025



To,

SRI GOPAMANI PANIGRAHI  
At-Gandamer, Po- Thogapali, NUAPADA, ODISHA, 766106  
ecgandamer2stonequarry@gmail.com

**Subject:** Amendment in Environmental Clearance (EC) letter no.10216/SEIAA dated 17.12.2020 granted to the project of Gandamer Stone Quarry-II over an area 4.612acres or 1.866hectares in Gandamer village under Komna tahasil of Nuapada district, Odisha to Sri Gopamani Panigrahi under the provision of the EIA Notification 2006 -regarding.

**Sir/Madam,**

This is in reference to your application submitted to SEIAA, Odisha vide proposal number SIA/OR/MIN/469079/2024 dated 11/04/2024 for grant of an amendment in prior Environmental Clearance (EC) in respect of increasing production capacity of stone from 2700 cum/annum to 5000 cum/annum for the project of Gandamer Stone Quarry-II over an area 4.612acres or 1.866hectares in Gandamer village under Komna tahasil of Nuapada district, Odisha to Sri Gopamani Panigrahi 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.	EC24C0108OR5633868A
(ii) File No.	469079/163-MIN/04-2024
(iii) Clearance Type	Amendment in EC
(iv) Category	B2
(v) Schedule No./ Project Activity	1(a) Mining of minerals Proposal for modification of EC of Gandamer Stone Quarry-II over an area 4.612acres or 1.866hectares in Gandamer village under Komna tahasil of Nuapada district, Odisha.
(vii) Name of Project	
(viii) Location of Project (District, State)	NUAPADA, ODISHA
(ix) Issuing Authority	SEIAA, Odisha
(x) EC Date	11/04/2024
(xii) Applicability of General Conditions	NO
(xiii) Status of implementation of the project	Existing Source

3. In view of the particulars given in the Para-1 above, the project proposal interalia including Form-4 (Part A, B & C) were submitted to the SEAC for an appraisal by the State Level Expert Appraisal Committee (SEAC) under the provision of EIA notification 2006 and its subsequent amendments thereto.

4. The above-mentioned proposal has been considered by SEAC in its meeting held on 23.07.2024. The minutes of the meeting and all the project documents are available on Parivesh portal which can be accessed from the Parivesh portal by scanning the QR Code above or through the following web link [click here](#).

5. The brief about the reasons for an amendment requested along with the brief on the salient features of the project as submitted by the project proponent in Form- 4 (Part A, B & C) and as presented before SEAC and the details of the amendment of EC are annexed as **Annexure- 2**.

6. The proposal was placed in the SEAC meeting held on 23.07.2024 under the provisions of EIA Notification 2006 and its subsequent amendments and after detailed deliberations in the matter and the SEAC recommended to grant EC valid from the date of EC accorded up to the lease period with specific and the following additional conditions.

7. The SEIAA, Odisha has examined the proposal in 176<sup>th</sup> meeting held on 25.10.2024 in accordance with the extant provisions of the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the SEAC and hereby accords amendment in Environment Clearance issued vide EC letter no. 10216/SEIAA dt. 17.12.2020 in respect of increasing production capacity of stone from 2700 cum/annum to 5000 cum/annum for the remaining period of lease for the instant proposal Gandamer Stone Quarry-II over an area 4.612 acres or 1.866 hectares in Gandamer village under Komna Tahasil of Nuapada District, Odisha to Sri Gopamani Panigrahi is **allowed** for extraction quantity of sand **5000 cum per annum** for the balance lease period under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of EC conditions, general instructions issued vide EC letter dated 17/12/202 and following additional specific conditions as mentioned in **Annexure-1**. The other stipulated terms and conditions of the original EC letter initially granted remains same.

Stipulation

Sl.	Descriptions	Stipulation
(i)	Lease Area:	4.612 Acres or 1.866 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 with drilling and blasting
(v)	Permitted Quantity:	4th year-5000 cum/annum 5th year-4166 cum/annum Total production in the 5 years lease period will be 9166 cum.
(vi)	Validity Period of EC:	This EC is valid till validity of DSR or validity of lease period whichever is earlier.

8. This issues with the approval of the Competent Authority

#### Copy To

1. Principal 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. The Director of Mines, Steel & Mines Dept, Govt. of Odisha Bhubaneswar for information.
4. Additional Principal Conservator of Forests, Integrated Regional Office (IRO), 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. Chairman/Member/Member Secretary, SEIAA for information.

7. Member Secretary, SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for information.
8. Collector & DM, Nuapada, Sub-Collector, Nuapada, Deputy Director of Mines, Nuapada, DFO, Nuapada, RO, SPCB, Nuapada, Tahasildar, Komna /Mining Officer, Nuapada for Information and necessary action.
9. Guard file for record/Website/Parivesh Portal

## Annexure 1

### Specific EC Conditions for (Mining Of Minerals)

#### 1. Specific Conditions

S. No	EC Conditions
1.1	<ol style="list-style-type: none"> <li>1. 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.</li> <li>2. In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured.</li> <li>3. Plantation programme to be completed within the first two years and to be maintained in remaining years.</li> <li>4. Depth of Mining as proposed should not be beyond 6m from the ground level.</li> <li>5. Mitigation measures for flying Rock for safety be put in place.</li> <li>6. Stone quarry project proponents need to maintain periodic health check-up records of their employees and ensure use of face masks by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.</li> <li>7. 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.</li> <li>8. Construction of garland drains retaining walls and settling tanks should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity.</li> <li>9. All the dumps shall be covered by retaining walls, garland drains and settling ponds.</li> <li>10. Maximum depth of quarry shall not exceed 6 meters from ground level as per guidelines.</li> <li>11. No explosives shall be stored without approval of competent authority and all the precautions for blasting shall be put in place.</li> </ol>
1.2	<p><b>Before lease agreement</b></p> <ol style="list-style-type: none"> <li>1. <b>Boundary Demarcation:</b> - 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.</li> <li>2. <b>Digital Map:</b> -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the Tahasildar/Mining officer shall be submitted to SEIAA, Odisha through email at <a href="mailto:seiaaodisha@gmail.com">seiaaodisha@gmail.com</a>.</li> </ol>

S. No	EC Conditions
	<p>3. <b>Intimation of EC:</b> -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. The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board and web site of the Ministry of Environment, Forest and Climate Change (<a href="http://www.parivesh.nic.in">www.parivesh.nic.in</a>). A copy of the advertisement may be forwarded to the concerned MoEF&amp;CC Regional Office for compliance and record.</p> <p>4. <b>Tree Plantation:</b> -The Project Proponent (lease holder) shall plant 1272 no. of native tree species within 2 years in a suitable location adjoining the quarry after consult with concerned DFO and Tahasildar.</p> <p>5. <b>State EMF Fund:</b> - An amount equal to five percent (5%) of the royalty payable shall be collected from the lessee by the Tahasildar/Mining Officer and deposited to the State Environment Management Fund, which will be utilized as per provisions of Rule 49(3) of the OMMC Rule, 2016 preferably, in and around the areas where mining activities are undertaken.</p> <p>6. <b>Condition by Collector:</b> - Any other condition(s) the Collector &amp; Chairman, District Environment Impact Assessment Authority (DEIAA), may impose in the interest of protection and safeguarding the local environment.</p> <p>7. <b>Compliance report for Transfer of EC:</b> - Any transfer of EC to a PP/Lessee shall be considered by SEIAA, Odisha only after receipt of the full compliance report through Tahasildar/Mining Officer concerned of the above environmental conditions and safeguards.</p> <p>8. <b>Other conditions/NOC:-</b> 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.</p>

Standard EC Conditions for (Mining of minerals)

1. Statutory Compliance

S. No	EC Conditions
1.1	The Environmental clearance shall be subject to orders of Hon'ble Supreme Court of India, Hon'ble High Courts, NGT and any other Court of Law, from time to time, and as applicable to the project
1.2	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
1.3	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.4	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. TThe implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).

S. No	EC Conditions
1.5	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
1.6	Solid/hazardous waste generated in the mines needs to be addressed in accordance to the Solid Waste Management Rules, 2016/Hazardous & Other Waste Management Rules, 2016.
1.7	The maximum production or peak production at any given time shall not exceed the limit as prescribed in the EC.
1.8	Validity of EC is for 5 years or remaining period of lease whichever is less.

## 2. Air Quality Monitoring And Mitigation Measure

S. No	EC Conditions
2.1	Transportation of stone, to the extent if permitted by road, shall be carried out by covered trucks/conveyors. Effective control measures such as regular water sprinkling/rain gun/ Fog cannon /mist sprinkling etc., shall be carried out in critical areas prone to air pollution with higher level of particulate matter all through the stone transport roads, loading/unloading and transfer points. Fugitive dust emissions from all sources shall be controlled regularly. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central/State Pollution Control Board.
2.2	Major approach roads shall be black topped and properly maintained.
2.3	The transportation of stone shall be carried out as per the provisions and route proposed in the approved mining plan. Transportation of the stone through the existing road passing through any village shall be avoided. In case, it is proposed to construct a 'bypass' road, it should be so constructed that the impact of sound, dust and accidents could be appropriately mitigated.
2.4	Vehicular emissions shall be kept under control and regularly monitored. All the vehicles engaged in mining and allied activities shall operate only after obtaining 'PUC' certificate from the authorized pollution testing centres.
2.5	Post environmental closure third party monitoring by reputed institution in air quality, water, land & soil etc shall be carried out and analysed with EMP measures at regular interval. A suitable recommendation in this regard, shall be furnished to IRO, MoEF&CC for compliance. The data used for analysis shall be obtained from continuous AQMS, site specific water regime. Also third party shall analyse the implementation of river diversion, meeting to the requirement of project report.

## 3. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
3.1	Adequate measures shall be taken for control of noise levels as per Noise Pollution Rules, 2016 in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with personal protective equipments (PPE) like ear plugs/muffs in conformity

S. No	EC Conditions
	with the prescribed norms and guidelines in this regard. Adequate awareness programme for users to be conducted. Progress in usage of such accessories to be monitored.
3.2	The noise level survey shall be carried out as per the prescribed guidelines to assess noise exposure of the workmen at vulnerable points in the mine premises, and report in this regard shall be submitted to the Ministry/RO on six-monthly basis.

#### 4. Mining Plan

S. No	EC Conditions
4.1	<p><b>No Mining Zone:</b> The lessee shall ensure that no quarrying or mining is carried out in the areas as specified below: -</p> <ol style="list-style-type: none"> <li>7.5-meter safety zone shall be kept from all sides of the lease boundary as per the approved mining plan.</li> <li>within <b>100m</b> (minimum distance criteria <b>when blasting is not involved</b>) and within <b>200m</b> (minimum distance criteria <b>when blasting is involved</b>) from residential/ public buildings, inhabited sites, protected monuments, Heritage sites, National/State Highway, District roads, public roads, Railway line/area, Ropeway or Ropeway trestle or station, Bridges, Dam, Reservoirs, river, Canals, lakes or Tanks, or any other locations etc.</li> <li>below ground water table under any circumstances. If ground water table occurs /intervenes within the permitted mining depth, then the quarrying shall be stopped immediately;</li> <li>in the vicinity of natural /manmade archeological sites;</li> </ol>
4.2	Mining shall be carried out under strict adherence to provisions of the OMMC Rules-2016, as per mining plan and EC stipulation.
4.3	No change in mining method i.e. UG to OC, calendar programme and scope of work shall be made without obtaining prior approval of the SEIAA, Odisha.
4.4	Mining shall be carried out as per the approved mining plan (including Mine Closure Plan) abiding by mining laws related to stone mining and the relevant circulars issued by Directorate General Mines Safety (DGMS).
4.5	No mining shall be carried out in forest land without obtaining Forestry Clearance as per Forest (Conservation) Act, 1980 and also adhering to The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 read with provisions of Indian Forest Act, 1927.
4.6	Efforts should be made to reduce energy and fuel consumption by conservation, efficiency improvements and use of renewable energy.

#### 5. Land Recalvation

S. No	EC Conditions
5.1	Digital Survey of entire lease hold area/core zone using Satellite Remote Sensing survey shall be

S. No	EC Conditions
	carried out at least once in three years for monitoring land use pattern and report in 1:50,000 scale or as notified by Ministry of Environment, Forest and Climate Change(MOEFCC) from time to time shall be submitted to MOEFCC/Regional Office (RO).
5.2	Post-mining land be rendered usable for agricultural/forestry purposes and shall be handed over to the respective State Government, as specified in the Guidelines for Preparation of Mine Closure Plan, issued by the Ministry of Coal dated 27th August, 2009 and subsequent amendments.
5.3	Regular monitoring of subsidence movement on the surface over and around the working areas and its impact on natural drainage pattern, water bodies, vegetation, structure, roads and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence beyond the limit prescribed, appropriate effective mitigation measures shall be taken to avoid loss of life and materials. Cracks should be effectively plugged in with ballast and clay soil/suitable material.
5.4	A separate team for subsidence monitoring and surface mitigation measures shall be constituted and continuous monitoring & implementation of mitigation measures be carried out.
5.5	Native tree species shall be selected and planted over areas affected by subsidence.
5.6	The project proponent shall make necessary alternative arrangements, if grazing land is involved in core zone, in consultation with the State government to provide alternate areas for livestock grazing, if any. In this context, the project proponent shall implement the directions of Hon'ble Supreme Court with regard to acquiring grazing land.
5.7	<ul style="list-style-type: none"> <li>• Topsoil excavated during mining to be stacked separately in the ML area and to be used for plantation in and around the ML area.</li> <li>• 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. in compliance to the direction dated 8th January, 2020 of Hon'ble Supreme Court in Writ Petition(s) Civil No. 114/2014, Common Cause Vs Union of India &amp; Ors. after ceasing mining operation that is at the time of mine closure.</li> <li>• The project proponent shall take geo-coordinating photographs of the lease area before mining and also subsequent period of mining and submit to SEIAA, Odisha in six (06) months EC compliance</li> </ul>

## 6. Miscellaneous

S. No	EC Conditions
6.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
6.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads

S. No	EC Conditions
	of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
6.3	The project proponent shall <b>upload</b> the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
6.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
6.5	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
6.6	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
6.7	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment EC application and also that during their presentation to the SEAC.
6.8	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Odisha.
6.9	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
6.10	The SEIAA, Odisha may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
6.11	The SEIAA, Odisha reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
6.12	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.
6.13	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
6.14	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

S. No	EC Conditions
	limits for day light/night hours
6.15	<p><b>Other Environmental Conditions: -</b></p> <ol style="list-style-type: none"> <li>1. The lessee shall ensure safety of human life and livestock from accidents in case the village / any habitation is very near the mining lease area.</li> <li>2. Topsoil, if any, shall be stacked properly with proper slope with adequate measures and should be used for plantation purposes.</li> <li>3. Dumping of quarry material is in no case permissible on any forest land; and all dump yards shall be on duly permitted non forest land.</li> <li>4. Waste oils, used oils generated from the EM machines, mining operations, if any, shall be disposed as per the Hazardous Wastes (Management, Handling, and trans-boundary movement) Rules, 2008 and its amendments thereof to the recyclers authorized by SPCB, Odisha.</li> <li>5. At the end of mine closure, the proponent shall immediately remove all the sheds put up in the quarry and all the equipment in the area before closure of the quarry.</li> <li>6. Permanent barricading/barbed wire fencing of the mining lease area site shall be done after completion of mining activities to prevent any danger for stray animals and human habitations from accidents.</li> <li>7. The Project Proponent shall undertake phased restoration, reclamation and rehabilitation of land affected by mining and complete this work before abandonment of mine. Filling of the ditch by fly ash is to be ensured by the lessee, as also fencing the area, guard wall for safety of cattle &amp; traffic.</li> </ol>
6.16	<p><b>Common Forum for EMP:-</b> All the individual quarry lessee holders coming under the Tahasil may create a common forum in coordination with the Tahasildar/Mining Officer and contribute funds to it for grading, compaction and maintenance of haulage road, provision of water spray on the village road to control particulate matter (dust particles) pollution in surrounding air during transportation from the quarry, and provision of thick, multilayer and a continuous green belt around the lease area excluding the entry and exit gate for prevention of environmental pollution and noise during mining activity</p>
6.17	<p><b>Reclamation &amp; Restoration:-</b>Pursuant to MoEF &amp; CC, O.M No 22-34/2018-1A.IIIdated 16.01.2020 and in compliance to the directions dated 8th January 2020 of Hon'ble Supreme Court in W.P. (Civil) No.114/2014 in the matter of Common Cause vs Union of India, the mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The Project Proponent shall submit a detailed plan of action in this regard to Tahasildar/Mining Officer within six months, indicating definite timelines and physical outcomes for the reclamation &amp; restoration of the mined-out area. The Tahasildar/ Mining Officer shall submit a compliance report to SEIAA, Odisha at the end of lease period.</p>
6.18	<p><b>Half-yearly Compliance Report: -</b> It shall be mandatory for the project management to submit half yearly compliance reports on the status of implementation of the above stipulated environmental and 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.</p>

S. No	EC Conditions
6.19	<b>Statutory compliance on Grant of CTE &amp; CTO from SPCB:-</b> Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish / Consent to Operate from the concerned State Pollution Control Board. The SPCB, Odisha shall ensure that there is no change in the extraction quantity as given in the EC stipulations in respect of year wise permitted quantity before giving 'consent to operate' to this project.
6.20	<b>Concomitant Monitoring:</b> - The conditions stipulated in the environmental clearance will be closely monitored on the ground by the lease granting authority, i.e. the Tahasildar/ Mining Officer, 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.
6.21	<b>Independent Monitoring:</b> -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.
6.22	<b>Revocation of EC:</b> -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.
6.23	<b>Change in Ownership of Lease:</b> - This EC shall not be transferred without the permission of SEIAA, Odisha. The Tahasildar/ Mining Officer shall inform the SEIAA of any change in ownership of the mining lease. No mining is allowed without transfer of EC as per provisions of the para 11 of EIA Notification, 2006, as amended from time to time.
6.24	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court and any other Court of Law relating to the subject matter.
6.25	This Environmental Clearance (EC) is subject to orders/judgment of Hon'ble Supreme Court of India, Hon'ble High Court and Hon'ble NGT as may be applicable.
6.26	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.

#### **Additional EC Conditions**

1. The Maximum depth of mining 6.0 meter from the surface level and maximum quantity of extraction shall be limited to 5000 cum in 4th year and 4166 cum in 5th year, total production in 2 years period- 9166 cum.
2. The EC is valid for 5 years or the balance lease period subject whichever is less.
3. The PP shall implement the EMP with a budgetary allocation of **Rs. 1.30 Lakh/annum** as proposed in the EMP report during EC application.
4. The PP shall plant **1272 nos.** of tree species like Banyan (*Ficus benghalensis*), Peepal (*Ficus religiosa*), Neem (

*Azadirachta indica*), Jamun (*Syzygium cumini*), Mango (*Mangifera indica*), Karanj(*Pongamia pinnata*), Arjun(*Terminalia Arjuna*), Jack fruit (*Artocarpus heterophyllus*), Siris (*Albizia lebbeck*), etc.. as part of tree plantation campaign "**Ek Ped Maa Ke Naam**" and the details of the same shall be uploaded in the MeriLiFE Portal (<https://merilife.nic.in>).The PP shall submit the status of plantation during every six-months (06) compliance of EC conditions with geo-coordinating photographs.

5. The compliance of EC conditions of said quarry shall be monitored by DEIAA, concerned lease granting Authority either Mining Officer or Tahasildar, RO, SPCB, Odisha and Integrated Regional Office of MoEFCC, Bhubaneswar as per MoEF & CC, Govt. of India S.O. 141(E) in EIA Notification dated 15.01.2016.
6. The Project Proponent shall uploaded/submitted six monthly EC compliance in the Parivesh Portal of MoEF & CC., Govt. of India only falling which the EC is liable to revoked.



**1. Proposal in brief:**

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

- (i) This is a proposal for amendment of EC of Gandamer Stone Quarry-II over an area 4.612 acres or 1.866 hectares in Gandamer village under Komna tahasil of Nuapada district, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. /EC Identification No. – 10216/SEIAA dt. 17.12.2020 for Gandamer Stone Quarry-II over an area 4.612 acres or 1.866 hectares in Gandamer village under Komna tahasil of Nuapada district, Odisha.
- (iii) The mining area is a part of Survey of India Toposheet No. F44W10 and is bounded between the Latitude - 20°38'36.74"N to 20°38'43.25"N and longitudes of 82°42'36.13"E to 82°42'41.96"E bearing Khata no. 227, Plot no. 605, Kissam-Dunguri
- (iv) The mining lease is an identified sairat source in the DSR. The Gandamer Stone Quarry-II sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Komna to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, DLC, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KML file of the lease area-Yes
- (vii) Whether submitted scrutiny fee-Yes of Rs. 2000/- vide e Challan Reference Id no. 37F9A3E325 dt. 11.04.2024
- (viii) Distance from nearest sanctuary/ESZ- Karlapat WLS-112.0 Km
- (ix) Whether the lease area coming in DLC report-No as certified by Tahasildar, Komna vide letter no. Nil dt. 27.03.2024.
- (x) Whether the lease area reflecting in DSR-Yes
- (xi) Method of mining-Semi-mechanized
- (xii) Distance from nearest road bridge-3.1 km, village road -0.60 km
- (xiii) Whether it is part of cluster –Yes, Gandamer Stone Quarry-II (1.866 Ha) and Gandamer Stone Quarry-I (1.866 Ha) are coming in single cluster with total lease area 3.732 Ha and submitted cluster EMP.
- (xiv) Whether EC obtained earlier-Yes, by SEIAA, Odisha vide letter no. 10216/SEIAA dt. 17.12.2020 for annual extraction 2700 cum/annum and total production in 5 years 13000 cum. The quarry is operated last three years and present proposal for 4<sup>th</sup> year and 5<sup>th</sup> year.
- (xv) Date of approval of modified mining plan- the Joint Director of Geology, Zonal Survey, Balangir vide letter no.375 dt.12.03.2024.
- (xvi) Production capacity per annum-5000 cum/annum in 4<sup>th</sup> year and 4166 cum in 5<sup>th</sup> year and total production in 5 years period-9166 cum, Geological reserve-167308.2 cum and Mineable reserve-99160.2 cum
- (xvii) Whether the DSR has 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- No
- (xviii) The EMP budget provision of Rs. 1.30 Lakh/annum
- (xix) The Project Proponent (PP) has deposited the amount of Rs.1.0 Lakh on dated 06.12.2024 in District Environment Society, Nuapada vide A/c. No. 11200077463
- (xx) Any deficiencies/omission have been noticed in the above documents- Nil

**2. Whether SEAC recommended the proposal – Yes**, the proposal was placed in the SEAC meeting held on 23.07.2024 and **the SEAC recommended to grant EC** valid from the date of EC accorded up to the lease period with following additional 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) Plantation programme to be completed within first two years and to be maintained in remaining years.
- iv) Depth of Mining as proposed should not be beyond 6m from the ground level.
- v) Mitigation measures for flying Rock for safety be put in place.
- vi) 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.
- vii) 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.
- viii) 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.
- ix) All the dumps shall be covered by retaining wall, garland drains and settling ponds.
- x) Maximum depth of quarry shall not exceed 6 meters from ground level as per guidelines.
- xi) No explosives shall be stored without approval of competent authority and all the precautions for blasting shall be put in place.

