



सत्यमेव जयते

File No.:
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA),
ODISHA)



Dated 12/08/2024



To,

MARASINGA MANDANGI
NARSINGH MANDANGI
MARASINGI MANDANGI, KATTAPETA MANTRAJHOLA, KOTHAPETA , Mantrajholla,
RAYAGADA, ODISHA, , 765017
mantrajholla4@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/472903/2024 dated 07/06/2024 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.	EC24C0108OR5573383N
(ii) File No.	
(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	Mantrajholla Stone Quarry- IV over an area of 3.00Acre or 1.214 Ha under Rayagada Tahasil of Rayagada District Odisha (Total Cluster area 29.50 Acre or 11.936 Ha)
(ix) Location of Project (District, State)	RAYAGADA, ODISHA
(x) Issuing Authority	SEIAA
(xii) Applicability of General Conditions	No

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-2(Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA for an appraisal by the SEIAA under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned cluster proposal has been considered by SEIAA in the meeting held on 13.11.2023. 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. Brief description of the project is as under:
5. The details of minerals to be mined out along with production capacity and the brief on the salient features of the project as submitted by the project proponent in Form-2 in the reports and as presented before SEAC are annexed in **Annexure- 2**.
6. The SEAC, in its meeting held on 13.11.2023, based on information submitted viz: Form-2 (Part A, B and C), EIA/EMP report etc. & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, approved the EIA & EMP report with view that SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Mantrajholla Stone Quarry cluster without referring to SEAC with specific conditions under the provisions of EIA Notification 2006 and as amended thereof subject to stipulation of Specific and Standard EC conditions as detailed in the point below.
7. The SEIAA, Odisha has examined the proposal in 171st meeting held on 11.07.2024 & 12.07.2024 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 Environment Clearance for the instant proposal for mining of stone from Mantrajholla Stone Quarry-IV over an area of 3.00 Acre or 1.214 Ha (total cluster area is 29.5 acres or 11.936 ha) under Rayagada Tahasil of Rayagada District Odisha to Sri Narsingha Mandangi under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in **Annexure-1**.

Stipulation

Sl.	Descriptions	Stipulation
(i)	Lease Area:	3.00 Acres or 1.214 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:	1st year- 4162 cum/annum
		2nd year-4162 cum/annum
		3rd year-4162 cum/annum
		4th year-4162 cum/annum
		5th year-4162 cum/annum
		Total production in the 5 years lease period will be 20810 cum.
(vi)	Validity Period of EC:	This EC is valid till validity of DSR or validity of lease period whichever is earlier.

8. The SEIAA, Odisha reserves the right to stipulate additional conditions, if found necessary.
9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
11. Validity of EC is till validity of DSR or validity of lease period whichever is earlier from which the prior environmental clearance is granted by the regulatory authority.
12. General Instructions:

1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been

accorded environment clearance and the details of SEIAA website where it is displayed.

2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
 3. The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
 4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
 5. 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. The Regional Office of MoEF&CC, Bhubaneswar, SPCB, Odisha and lease granting Authority 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.
 7. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
13. This issue with an approval of the Competent Authority.

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. The Director of Mines, Steel & Mines Dept, Govt. of Odisha Bhubaneswar for information.
6. Collector & DM, Rayagada, Sub-Collector, Rayagada, DFO, Rayagada, Tahasildar, Rayagada /Mining Officer, Rayagada for Information and necessary action.
7. Guard file for record/Website/Parivesh Portal.

Annexure 1

Specific EC Conditions for (Mining Of Minerals)

1. Environmental Conditions And Safeguards Which Need To Be Complied On Field After The Lease Agreement:

S. No	EC Conditions
1.1	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.
1.2	Digital Map: -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the Tahasildar/Mining officer shall be submitted to SEIAA, Odisha through email at seiaaodisha@gmail.com.
1.3	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. 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 (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEF&CC Regional Office for compliance and record.
1.4	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 plantations of the State Forest Department. The Project Proponent (lease holder) shall deposit Rs.1,50,000/- , with the respective District Environment Society for raising 300 plants of native species within 2 years in a suitable location adjoining the quarry.
1.5	State EMF Fund: - 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.
1.6	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.
1.7	Compliance report for Transfer of EC: - 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.
1.8	Other conditions/NOC:- 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.

Standard EC Conditions for (Mining of minerals)

1. Statutory Compliance

S. No	EC Conditions
1.1	The Project Proponent (PP) shall revise the DSR as per minerals deposit along with final

S. No	EC Conditions
	coordinates to be ensured by the concerned lease granting Authority.
1.2	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.
1.3	Mitigation measures for flying Rock for safety of human beings and animals during blasting to be ensured by the project proponent.
1.4	The project proponent needs 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
1.5	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.
1.6	Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt.
1.7	Topsoil excavated during mining to be stacked separately in the ML area and to be used for plantation in and around the ML area.
1.8	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 & Ors. after ceasing mining operation that is at the time of mine closure.
1.9	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.
1.10	Maximum permissible depth of mining: - Maximum depth of mining from the top surface/ground level of this area, at any point, up to which quarrying may be permitted shall be 6 meters as stipulated in rule 37(1) (a) of the OMMC Rule, 2016. Quarry excavation shall not proceed below a level on the hill slope, and shall not touch the base of the hill in any case. The exploitation of stone material from the hill shall be carried out in a systematic manner, spreading the quarrying activity to cover all the economic veins of minerals and proceeding uniformly to more and more depths from all sides simultaneously.
1.11	Maximum permissible quantity: Maximum yearly quantity of extraction from the quarry shall not exceed its annual limit as specified above under stipulation in Table 'A stipulations'-sl. A(v) and the total production shall be 20810 cum during the valid lease period of five (05) years as per the approved mining plan. Any flouting of this quantitative restriction shall make this EC liable to cancellation.
1.12	District Survey Report: In view of likely revision of DSR as per the Ministry guidelines, the mention of this deposit in DSR with final coordinates is to be ensured by Tahasildar/Mining Officer before expiry of the existing current DSR. The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey superimposed on the cadastral map. The Grant of EC for further period will be considered after submission of DSR approved by SEIAA as

S. No	EC Conditions
	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 also 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).
1.13	No change in the mining plan without prior approval of SEIAA: - Any change in the calendar plan, change in production quantity or method of mining shall not be made without prior approval of the SEIAA. Mining activity shall adhere to the working parameters of the approved mining plan prepared for this project. The detailed production of laterite stone from the lease area of each year shall be submitted in tabular form during submission of compliance report.
1.14	Environmental Management Plan: (i) EMP shall be implemented by PP to ensure compliance with the environmental conditions specified above. The year wise funds earmarked for environmental protection measures shall be kept in a separate account and shall be spent according to the plan proposed in coordination with Tahasildar/Mining Officer. Year wise progress of implementation of EMP shall be reported to the SEIAA, Odisha and OSPCB along with the compliance report. The Tahasildar/Mining Officer shall ensure the compliance of this condition along with all the lease holders of his jurisdiction. (ii) The PP will implement the EMP with a budgetary allocation of Rs.85,354/-(Capital Cost), Rs. 1,43,003/-/annum (Recurring cost) and Rs.1.0 Lakh/annum as CER cost towards compliance of public hearing issues for the lease area as proposed during the valid lease period of 5 years. The detailed expenditure on EMP shall be submitted with six monthly compliance reports.
1.15	No Mining Zone: The lessee shall ensure that no quarrying or mining is carried out in the areas as specified below: - a) 7.5-meter safety zone shall be kept from all sides of the lease boundary as per the approved mining plan. b) within 100m (minimum distance criteria when blasting is not involved) and within 200m (minimum distance criteria when blasting is involved) 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. c) 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; d) in the vicinity of natural /manmade archeological sites;
1.16	Transport Safeguards: a) No transportation of the minerals shall be allowed on any road passing through villages/habitations without prior explicit permission. b) Transportation of minerals through existing rural roads can be allowed only by the concerned Govt. Department/ Gram Panchayat/BDO after required strengthening such that the carrying capacity of the road is increased to handle the mineral carrying truck traffic. The project proponent shall bear the cost towards the widening and strengthening of existing public roads in case the same is proposed to be used for the project. c) Project proponent shall ensure that the transport of minerals will be as per IRC Guidelines with respect to complying with traffic congestion and traffic density. d) Vehicles hired for transportation of minor minerals from the site should be in good condition and should have pollution check certificates and should conform to applicable air and noise emission standards and should be operated only during non-peak hours. Speed of vehicle be regulated and in no case >30 Kms / hr be allowed. e) The vehicles shall not be overloaded and shall be covered with Tarpaulin. The Tahasildar/Mining

S. No	EC Conditions
	<p>Officer may collect an appropriate additional road maintenance levy from the lessee as part of the lease conditions on the basis of quantum of mineral transported, and utilize the proceeds of the levy for proper maintenance of the extraction paths and roads to prevent their degradation on account of plying of mineral carrying trucks.</p> <p>f) Water spraying should be made on the village road to control particulate matter (dust particles) pollution in surrounding air during transportation from the quarry. Garland drain shall be constructed on the hill slope to arrest downward flow of particulate matter with rainwater.</p>
1.17	<p>Other Environmental Conditions: -</p> <p>a) 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.</p> <p>b) Topsoil, if any, shall be stacked properly with proper slope with adequate measures and should be used for plantation purposes.</p> <p>c) 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.</p> <p>d) 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.</p> <p>e) 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.</p> <p>f) 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.</p> <p>g) 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 & traffic.</p>
1.18	<p>Common Forum for EMP:- 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>
1.19	<p>Reclamation & Restoration:-Pursuant to MoEF & 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 & 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>
1.20	<p>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 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>

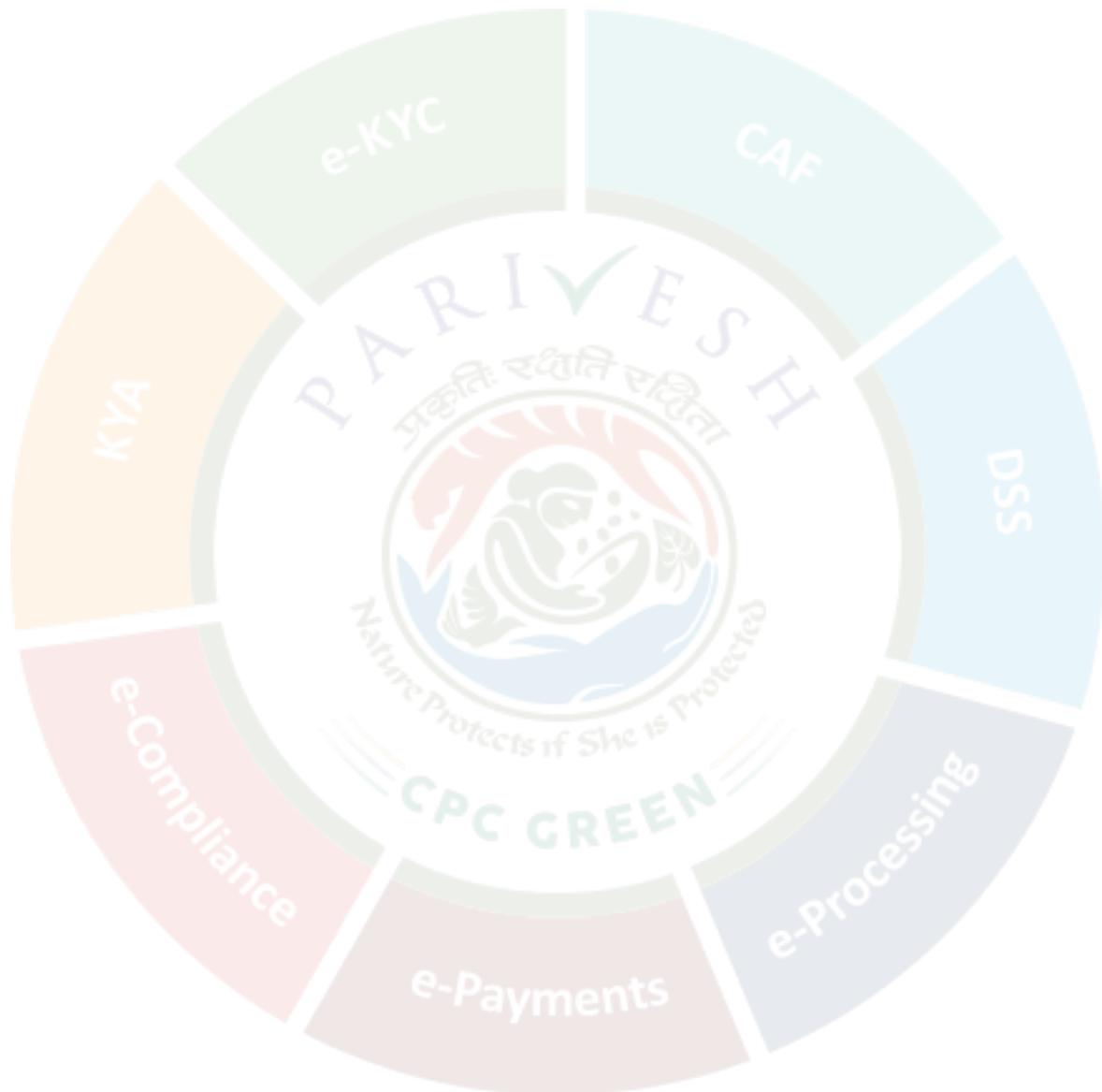
S. No	EC Conditions
1.21	Statutory compliance on Grant of CTE & CTO from SPCB:- Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish / Consent 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.
1.22	Concomitant Monitoring: - 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.
1.23	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.
1.24	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.
1.25	Change in Ownership of Lease: - 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.
1.26	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.
1.27	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.
1.28	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. Maximum depth of mining 6.0 meter from the surface level and maximum quantity of extraction shall be limited to 4162 cum in 1st year, 4162 cum in 2nd year, 4162 cum in 3rd year, 4162 cum in 4th year and 4162 cum in 5th year, total production in 5 years period- **20810** cum.
2. The EC is valid till validity of DSR or validity of lease period whichever is earlier.
3. The Grant of EC for further period will be considered after submission of approved DSR by SEIAA 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 also 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).

4. The Project Proponent (lease holder) shall deposit **Rs.1,50,000/-** with the respective District Environment Society for raising **300 plants** (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining the quarry.
5. The PP will implement the EMP with a budget allocation of **Rs. 85,354/- (Capital cost) Rs. 1,43,003/-/annum (Recurring Cost) and CER cost of 1.0 lakh/annum towards compliance of public hearing issues.**



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 mining of stone from Mantrajholla Stone Quarry-IV over an area of 3.00 Acre or 1.214 Ha (total cluster area is 29.5 acres or 11.936 ha) under Rayagada Tahasil of Rayagada District Odisha.
- (ii) The mining area is a part of Survey of India Toposheet No. E44F8 and is bounded between the Latitude- 19^o12'55.24" N to 19^o12'59.55" N and longitudes of 83^o28'02.30"E to 83^o28'06.64" bearing Khata no. 20, Plot No. 118, Kissam-Pahada
- (iii) The mining lease is an identified sairat source in the DSR. The Mantrajholla Stone Quarry-IV sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Rayagada to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (iv) Documents submitted: -Form-1, EMP, PFR, DLC, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, Rayagada, topo map etc.
- (v) Whether submitted KML file of the lease area-Yes
- (vi) Whether submitted scrutiny fee-Yes of Rs. 1000/- vide e Challan Reference Id no. 3357D955A7 dt. 17.05.2022
- (vii) Distance from nearest sanctuary/ESZ- Karalapat WLS-58.0 Km
- (viii) Whether the lease area coming in DLC report-No, as certified by Tahasildar, Rayagada on 12.04.202 and by DFO, Rayagada Division vide letter no. 952 dt. 07.03.2024
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-semi-mechanized and both drilling and blasting will be done
- (xi) Distance from nearest road bridge-4.50 km, Village road-0.12 km
- (xii) Whether it is part of cluster – Yes, Mantrajholla Stone Quarry, Mantrajholla Stone Quarry-I, II, III are running sources and Mantrajholla Stone Quarry-IV, V, VI, VII are new sources coming under single cluster and already approved cluster EIA & EMP by SEIAA Odisha on 22.002.2024.
- (xiii) Whether EC obtained earlier-No.
- (xiv) Date of approval of mining plan- by the Deputy Director of Geology, Directorate of Geology, Odisha vide letter no. 5264 dt. 04.09.2021
- (xv) Production capacity per annum-4162 cum/annum (max.), total production in 5 years period-20810 cum, Geological reserve-118858 cum and Mineable reserve-59595 cum.
- (xvi) 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).

S. No.	Name of Quarry	TOR Details	Lease area (Ha.)	Land Schedule	Kissam
1	Mantrajholla Stone Quarry IV	Letter no 5181 dated 19.08.2022	1.214	Khata No- 20 Plot No - 118	Pahad

2	Mantrajholla Stone Quarry V	Letter no 5346 dated 02.09.2022	1.214	Khata No- 20 Plot No - 122	Pahad
3	Mantrajholla Stone Quarry VI	Letter no 5177 dated 19.08.2022	2.023	Khata No- 20 Plot No - 102	Pahad
4	Mantrajholla Stone Quarry VII	Letter no 5183 dated 19.08.2022	1.214	Khata No- 20 Plot No - 102	Pahad
Total			5.665		

S. No.	Name of Quarry	Lease area (Ha.)	Land Schedule	Kissam
1	Mantrajholla Stone Quarry	2.023	Khata No- 20 Plot No - 118	Pahad
2	Mantrajholla Stone Quarry I	2.023	Khata No- 20 Plot No - 118	Pahad
3	Mantrajholla Stone Quarry II	1.011	Khata No- 20 Plot No - 118	Pahad
4	Mantrajholla Stone Quarry III	1.214	Khata No- 20 Plot No - 122/1	Pahad
Total		6.271		

Production and Reserves: Mantrajholla Stone Quarry (IV, V, VI, VII) over an Cluster area of 5.665 ha/14.0 Acre for Proposed production of 15,929 cum/year of stone.

Table: Geological and Mineable Reserves: - (Proposed Quarries)

S No.	Name of the Quarry	Geological Reserves	Mineable Reserves
1	Mantrajholla Stone Quarry IV	118858	59595
2	Mantrajholla Stone Quarry V	135312	60502
3	Mantrajholla Stone Quarry VI	207359	110988
4	Mantrajholla Stone Quarry VII	284832	114710
Total		746361	345795

Table: Geological and Mineable Reserves: - (Existing Quarries)

S No.	Name of the Quarry	Geological Reserves	Mineable Reserves
1	Mantrajholla Stone Quarry	520129	189447
2	Mantrajholla Stone Quarry I	334757	157109
3	Mantrajholla Stone Quarry II	-	-
4	Mantrajholla Stone Quarry III	362799	112976
Total		-	-

Table: Production Details: - (Proposed Quarries)

S No.	Name of the Quarry	Production (cum/year)
1	Mantrajholla Stone Quarry IV	4162
2	Mantrajholla Stone Quarry V	3037
3	Mantrajholla Stone Quarry VI	4698
4	Mantrajholla Stone Quarry VII	4032
Total		15929

Table: Production Details: - (Existing Quarries)

S No.	Name of the Quarry	Production (cum/year)
1	Mantrajholla Stone Quarry	4162
2	Mantrajholla Stone Quarry I	4037
3	Mantrajholla Stone Quarry II	2850
4	Mantrajholla Stone Quarry III	4162
Total		15211

(xvii) **Public hearing details:** Public hearing was successfully executed on date 04.03.2023 in Mantrajholla village of Kuli Gram Panchayat of Maligam R.I Circle under Rayagada tahasil of Rayagada district, Odisha. Issues raised during the public hearing are vibrational impact due to drilling and blasting, noise impacts, agricultural impacts, dust pollution, environment protection, protection of water bodies, peripheral development, plantation and employment.

(xviii) Cluster EMP of Rs. 8,39,200/- (Capital Cost) and Rs. 14,06,000/- (Recurring Cost), CER cost of Rs. 1.60 Lakh/annum

(xix) Budget provision for EMP of Rs. 1.20 Lakh/annum.

(xx) Any deficiencies/omission have been noticed in the above documents- Nil

2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 13.11.2023 and the SEAC approved the EIA/EMP with view that SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for **Mantrajholla Stone Quarry** cluster without referring to SEAC with specific conditions as per **Annexure – C** after receipt of individual applications from the lessee in cluster along with following documents.

- i) Filled in form-I of individual lease
- ii) Prefeasibility report of individual lease
- iii) EMP of individual lease.
- iv) Approved Mining Plan of individual lease.
- v) Report on vibration study.
- vi) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vii) An Undertaking by the lessee not to use wagon drilling blasting to be submitted. Accordingly, specific condition to be stipulated in EC of individual lease.
- viii) No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules,

- 1983 shall be ensured by the lessee. An undertaking to this effect shall be submitted by the lessee. Accordingly, specific condition to be stipulated in EC of individual lease.
- ix) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water. Accordingly, specific condition to be stipulated in EC of individual lease.
 - x) 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.
 - xi) 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.
 - xii) A condition on SOP for blasting and safety on management of flying rock to be implemented and detail risk and hazard management procedure shall be followed by the lessee as per the **Annexure – D**.
 - xiii) Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt.

