



Minutes of 138th Meeting of SEIAA, Odisha Held on 10.10.2023 & 12.10.2023

		tallest tower + Height of the stack above roof level. Our tallest building height = 39.9 m (up to terrace level) Hence, Total stack height of DG set = 39.9 m +6 m = 45.9 m	
4.	Layout for green belt.	Total Green belt area is 2,079.76 sqm which is 20.66% of the total Plot area i.e 10,067.37 sq.m. The Layout for green belt is attached as an Annexure III.	Greenbelt plan is attached as Annexure-III indicating break up of total green belt area of 2089.76 sqmt out of 10067.37 sqmt.
5.	Copy of building plan approval letter for built-up area of 16,161.56 sq.m.	Copy of building plan approval letter for built-up area of 16,161.56 sq.m is attached as an Annexure IV.	Building plan approval letter from CDA is attached as Annexure IV.
6.	Certificate from the CDA that the proposed project of built-up area 54,513.32 sq.m will not be constructed over the foundation made by the project for the built-up area of 16,161.56 sq.m and proposed project will be a separate project within the same premises.	Note is attached as Annexure V.	Chronological history/background for the residential project "Diamond City" Cuttack is attached as Annexure V. It concludes from the note that the planning of the project was revised, the construction has been stopped and revised drawing were submitted for obtaining building permission and Environment Clearance for plot area 2.48 acres and built-up area of 54,513.3 sq.m. Under Annexure-V the documents mentioned as



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		Appendix c, d & e are blank pages i.e. NOC from Prachi Division regarding Culvert Completion. Affidavit, vetted structural safety stability.
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24. The SEAC observed that the **Annexures** as mentioned in the ADS have not been furnished.
 25. The SEAC in its meeting held on dated 27-03-2023 decided to take decision on the proposal after the proponent upload the ADS once again along with all the **Annexures** as mentioned in ADS in addition to the following compliances:
 26. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC						
1.	The green belt is about 15% and including avenue plantation it is 20%, needs revision.	<p>Total Green Area has been revised to 25% of the total plot area including greenbelt and avenue plantation.</p> <ul style="list-style-type: none"> ❖ Total Plot Area is 10067.37 sq.m. (100 %) ❖ Total Green area is 2514.85 Sq.m. (25 %) <p>Revised Landscape Plan is attached as Annexure I. <u>BREAKUP: -</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Greenbelt Plantation = 2014.00 Sq.m (20% of Total Plot Area)</td> <td style="width: 30%;">1 Row Plantation</td> <td style="width: 30%;">Row Total Plants: 500 No.</td> </tr> <tr> <td>Avenue Plantation Area = 500.85 Sq.m (5% of Total Plot Area)</td> <td>Podium Green Ornamental Plants</td> <td>20 No.</td> </tr> </table> <p>Total Greenbelt Area = 2014.00 Sq.m (Greenbelt) + 500.85 Sq.m (Avenue Plantation) = 2514.85 Sq.m (25% of Total Plot Area)</p>	Greenbelt Plantation = 2014.00 Sq.m (20% of Total Plot Area)	1 Row Plantation	Row Total Plants: 500 No.	Avenue Plantation Area = 500.85 Sq.m (5% of Total Plot Area)	Podium Green Ornamental Plants	20 No.	complied
Greenbelt Plantation = 2014.00 Sq.m (20% of Total Plot Area)	1 Row Plantation	Row Total Plants: 500 No.							
Avenue Plantation Area = 500.85 Sq.m (5% of Total Plot Area)	Podium Green Ornamental Plants	20 No.							
2.	Who is the owner of the land space between culvert and gate needs to be clarified and	<p><u>OWNERSHIP OF LAND</u></p> <ul style="list-style-type: none"> • Land space between culvert and gate belongs to Irrigation Department. It is a 	complied						

	<p>required documents in support of its use to be provided.</p>	<p>revenue road having a Khatiyani no 1028, Plot no 2368 falling in village - Pratapnagri, Nuagada, Cuttack, Odisha. (Land title documents is attached as Annexure II).</p> <ul style="list-style-type: none"> • NOC have been obtained for using the approach road along with the culvert for general purpose of public vide letter no. 1748 dated 12.04.2022. NOC letter is attached as Annexure-IIA 	
<p>3.</p>	<p>The proposal looks like a violation case as the PP has already constructed as per previous approval and on the same building, they are proposing to increase the floors after FAR etc. were revised by CDA and revised plan made. This practice of approval of revised plans after construction needs to be avoided by building authority which is not done. Thus, structural certificate responsibility has to be with the building plan approving authority to consider its safety and stability.</p>	<ul style="list-style-type: none"> • As per earlier clarification submitted to SEAC, Odisha, humbly we would like to resubmit that - Since, our earlier building plan approval Built-up area was 16,161.56 sqm. which was less than 20,000 sq.m, and EC, and NOC from PCB was also not applicable for the same, therefore, we have not violated any norms pertaining to EIA notification, 2006 and its amendments. Circumstantially, as our project came under preview of EIA Notification we applied for the Environment Clearance. Chronological events for the project was submitted with earlier ADS reply dated on 13.03.2023. However, we are herewith attaching all the Annexures once again for your kind perusal (Earlier Reply Enclosed as Appendix-X) • Also, it is kindly stated that, a partial construction of the structure has been constructed and the structure which has been designed by SEPI, conforms the Standards/Codes of Practices of IS-456 (COP of Plain and Reinforced Concrete), IS-875 (COP of Design Loads for Building and Structure), IS-1893 (Criteria for Earthquake Resistant Design) and National Building code. • Further, as per CDA guidelines vetting of structural safety drawings has been done by appropriate authority i.e. (BIT Sindri Dhanbad, Jharkhand). Verification Certificate from BIT Sindri Dhanbad, Jharkhand vide letter no BITS/MAT/229-06-22/TM, dated 29.06.2022 is attached as Annexure-III. • An affidavit has also been submitted with earlier ADS stating the current foundation laid for one of the blocks can bear the load of the current proposed planning. Affidavit is attached as Annexure IV. 	



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Kindly accept our submission and grant us Environment Clearance at the earliest.

2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 19.06.2023 and the SEAC **recommended** the proposal for EC valid for 10 years with below mentioned specific conditions.
- The Proponent before implementation of the project shall convert the land to Gharabari and shall take the ownership of the land if not already taken.
 - The Proponent shall obtain permission/NOC from Executive Engg. (PHD) and / or from the appropriate authority for disposal of excess STP treated water to the nearest drain without which the Proponent will not start construction work. Also, in case of the connecting drain passing through others land (Govt. or Private land), the Proponent shall obtain the permission and possession as the case may be.
 - The proponent shall use solar energy at least to the tune of 5% of total power requirement as proposed.
 - The proponent shall obtain permission from concerned Fire Safety Authority.
 - Trees located within the project area shall be transplanted to alongside the boundary green development area.
 - The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.
 - The project proponent shall maximise utilisation of treated water in flushing, plantations and ground washings etc. as per need to reduce water discharge to drain. This shall be verified in future compliance report.
 - All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.
 - The PP need to obtain necessary structural stability compliance/certificate from CDA as the authority has permitted 8 storied building over already constructed building (initially permitted for 4 storied).

3. The proposal was placed in the 131st meeting of SEIAA held on 10th and 11th August, 2023 and the Authority observed that some of the documents uploaded along with the application & the compliance furnished to the ADS/EDS by SEAC are not available in the Parivesh portal. After detailed deliberation on the matter, the Authority decided the following:

- The PP is required to ensure that all documents attached to the application as well as compliance to ADS/EDS by SEAC are visible in the portal. Alternatively, the PP may apply afresh in Parivesh 2.0 portal along with all documents and ADS/EDS compliance.
- The building plan approval for already constructed area of 16161.56 Sqmt needs to be submitted along with occupancy certificate from Cuttack Development Authority (CDA), CTE/CTO from SPCB.
- Permission from Water Resource Dept. to be submitted for using the Culvert for the residential project.
- A drainage plan for discharging treated water and storm water into the natural nallah/waterbody along with permission letter from the concerned Authority may be submitted along with the application.
- The time series google earth map of the KML file as on May 2023 shows that construction activities have been taken up in the NE side of the Plot. The SPCB is requested to furnish a site inspection report regarding violation if any in terms of MoEF & CC, G.O. OM F. No-1A3-22/10/2022-1A.III(177258) dated 29.03.2022.

Accordingly, the PP has submitted fresh proposal for consideration of EC and the SEAC reiterate their earlier decision and returned to SEIAA for consideration of EC.



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Decision Of Authority: Approved

The Authority perused the submission made by PP along with the recommendation of SEAC wherein it has been opined that the current construction is 1673.84 sq. mtr as against the old approved built-up area of 16161.56 sq. mtr vide CDA approval letter no. PLN-BDP-420/15 dated 25.1.2019. Now, the building plan has been revised and approved by CMC vide letter no. 1130 (PLG)BP/CMC dated 13.06.2022 for built up area 54513.32 sq. mtr. After detailed deliberation in the matter the Authority allowed grant of EC with standard and specific conditions as recommended by SEAC.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA



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AGENDA NO.138.09

Proposal No.	SIA/OR/MIN/ 441289/2023
Date of application	05.09.2023
File No.	441289/835-MINBI/09-2023
Project Type	Proposal for ToR
Category	B1
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for ToR for Chandania Stone Quarries Cluster over an area of 104.427 acres or 42.259 hectares in mouza Chandania Hill, Tahasil Kukudakhadi in District Ganjam, State Odisha submitted under cluster approach with consisting of 9 stone quarries.
Name of the company/Organization	Tahasildar Kukudakhadi
Location of Project	Chandania Hill, Tahasil Kukudakhadi in District Ganjam, State Odisha
Name of Consultancy	M/s P & M Solution, Noida

Proposal in brief:

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

- (i) This is a proposal ToR of Chandania Stone Quarries Cluster over an area of 104.427 acres or 42.259 hectares in mouza Chandania Hill, Tahasil Kukudakhadi in District Ganjam, State Odisha submitted under cluster approach with consisting of 9 stone quarries.
- (ii) The proposal was considered by the committee to determine the "Terms of Reference (ToR)" for undertaking detailed EIA study for the purpose of obtaining environmental clearance in accordance with the provisions of the EIA Notification, 2006 and amendment thereafter.
- (iii) **Category:** This proposal falls under Category "B1", I(a) - Mining of Minerals as the Mining lease area is more than 5.0 Ha. as per the EIA notification 2006 and its subsequent amendments
- (iv) Chandania Stone quarries cluster is mining of stone, over an area of 75.742acre or 30.651ha. in Mouza Chandania hill, Tahasil Kukudakhadi in district Ganjam,State Odisha of Tahasildar Kukudakhadi.
- (v) The Quarry leases will be granted to successful Bidders by the Tahasildar, Kukudakhadi after obtaining statutory clearances. Presently, Tahasildar, Kukudakhadi is the lessee for the Chandania Stone quarries cluster.
- (vi) The total Cluster is consisting of 9 stone quarries but 4 stone quarries are in operational stage and their EC has not expired, hence the proposed cluster is confined to 5 Stone Quarries only as per the given table.

Sl no.	Quarry name
i)	Chandania Stone Quarry Plot no. 86, (4.245 Ha)
ii)	Chandania Stone Quarry Plot no. 83, (4.785 Ha)
iii)	Chandania Stone Quarry Plot no. 08,10,02,25 & 5/307, (12.516 Ha)
iv)	Chandania Stone Quarry Plot no. 22 & 33, (4.654 Ha)



v)	Chandania Stone Quarry Plot no. 40/P, (4.451 Ha)
Total	

- (vii) Mining plans has been approved by the Deputy Directorate of Geology, O/o Joint Director of Geology, South Zone, Berhampur.
- (viii) Mining lease is an identified sairat source in the DSR - page no. 88, 89, sl.no. 150,151,153,154, 156. These sairat sources are existing. There are no other mines within 500m of proposed Cluster.
- (ix) The sairat sources are not coming in D.I.C report as certified by Tahasildar, Kukudakhandi.
- (x) **Location:** The proposed Chandania Stone Quarries Cluster is located in Khata no. 117, Plot no. 86, 83, 08,10,02,25 & 5/307, 40/P & 22, 33 of kissam "Parbat, Pathrabani, Patita" in Mouza Chandania Hill, Tahasil- Kukudakhandi, District Ganjam, Odisha over an area of 75.742acre or 30.651ha. The geo coordinates are Latitude -19°19'15.24"N to 19°19'39.98"N and Longitude - 84°43'55.21"E to 84°44'51.22"E. The area falls in Survey of India Topo sheet no. 74A/11(E45A11).
- (xi) **Connectivity:** The quarry area is accessible by all weather & well-connected by road and rail. The nearest Railway line is at Berhampur Railway Station at a distance of 6.50km in SE. Nearest National Highway is NH-59 is at a distance of 2.70km in SE. Nearest State Highway is SH-17 at a distance of 1.90km in NE. Nearest river embankment is at Bodalundi. Road bridge on Ghodahada River at a distance of 15.00km in NW. Nearest Sanctuary is Lakhari valley wildlife sanctuary at a distance of 36.00km in NW. Nearest reserve forest is Ramagurha Reserve Forest is at a distance of 3.50km in NW. Nearest Archaeological site is Asoka rock Edict at Jaugada Pandia at a distance of 24.00km in NE.
- (xii) No ecologically sensitive areas such as wildlife sanctuary, Bioreserve, etc. are coming under 10km radius of the proposed lease area.
- (xiii) **Reserves** - The total Geological reserve of cluster area is 5623207cum and Mineable reserve is 4099499cum.
- (xiv) **Mining method and production:** The method of mining is opencast semi-mechanized mining method. Around 8397cum per month will be dispatched from the mine. The total production annually is 75573cum of stone and 342340cum is the total production from the cluster during the plan period. The excavated stone will be directly sent to the nearest stone crusher for crushing.
- (xv) **Waste generation and management** - During plan period 41985cum of waste will be generated from the total cluster area. Considering swell factor as 1.2 the total broken volume will be 50382cum. For dumping these waste materials a proposed dump has been suggested in the SE part of quarry area covering an area of 0.71Ha. Around 40% of waste will be utilized in the development mine haulage road. A retaining wall around the dump will be constructed to prevent the wash off of dumps. Around the retaining wall a garland drain and settling tank will be provided to prevent the possible transportation of mine dust or fines.
- (xvi) **Drainage** - The surface runoff water from the quarry will be discharged directly to the river channel. There is no possibility of ground water puncture during the plan period.
- (xvii) **Water requirement:** The total water requirement will be approx. 16KLD for the cluster for different purposes like Domestic(1.39KLD), Dust suppression(14.58KLD), plantation purposes(0.46KLD). Water will be resourced from the nearby village through tankers.
- (xviii) **Power requirement:** No electricity required at quarry site. Only diesel is used for operating mining equipment only. For which 4 KL. of HSD will be used and sourced from local market.
- (xix) **Manpower:** Around 139 nos. of person are to be employed. Indirect employment through creation of hired vehicles, etc also can be generated to full fill the day to day requirements of




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- the mining personals.
- (xx) **Green belt** shall be developed along the boundary of stone quarry area with the native tree species. Around 1150 saplings will be planted over an area of 0.550 ha in the safety zone. Species likely to be planted are Chakunda, neem etc. as per the availability. Spacing between the saplings will be kept 2.5 meters x 2.5 meters only.
- (xxi) **Project cost:** The approximate cost of the project comes around Rs. 2.0 Crores (cluster) and Rs. 4.0 lakhs for CER.
- (xxii) **Environment Consultancy:** The proponent along with the consultant **M/s P & M Solution, Noida** made a detailed presentation before the SEAC on 29.11.2022. The SEAC decided to take decision on the proposal after receipt of certain information / documents from the proponent.
- (xxiii) The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent		Views of SEAC
i)	There are total 9 quarries in cluster approach. Out of which 4 quarries with total lease area 4.785 ha. are in operation after obtaining EC from DEIAA, Ganjam. The DEIAA had the power to grant EC for total lease area of ≤ 5 ha. in cluster approach. Clarification shall be submitted how DEIAA has given EC for 4 quarries only when there are another 5 quarries of total lease area 30.651 ha.	Chandania S.O	Cluster EC granted vide letter no. 421 Dated 04.07.2018	They have applied for EC for individual quarry just to avoid cluster approach. Hence, these 4 quarries should be part of the cluster for which EC has been applied. They need to include these 4 quarries in cluster
		Chandania S.O		
		Chandania S.Q (7.40 Acres)		
Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent		Views of SEAC
	in cluster.	Chandania S.Q (4.855 Acres)	Individual EC granted vide letter no. 409 Dated 04.07.2018	and submit revised EMP in cluster approach for 9 quarries.

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	Distance between each quarry for 9 stone quarries in cluster.	Distance certificate is attached as Annexure -I	The distance as mentioned in the Annexure is confusing. They need to submit a map indicating distance between 9 stone quarries in cluster.
iii)	Detailed safety procedure for fly-rocks during blasting.	Attached as Annexure-II	-----
iv)	Traffic study details of the area.	Attached as Annexure-III	-----
v)	Re-submit the KMI. data file with boundary co-ordinations of each quarry and boundary demarcation of each quarry in yellow colour.	Google map submitted	-----
vi)	Copy of Environmental Clearance of each individual quarry operating in a cluster of 4 quarries.	EC Copies of all 4 quarries are attached	-----
vii)	Certified copy of compliance to conditions of EC, CTE and CTO of operational 4 stone quarries.	Full compliance report along the all 4 EC copy and CTO Copy is attached.	-----

(xxiv) The SEAC in its meeting held on dated **20-02-2023** decided to take decision on the proposal after receipt of the following information / documents from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
1.	Environmental Clearance has applied to DEIAA, Ganjam for 4 stone quarries individually just to avoid cluster approach. Hence, these 4 quarries shall be part of the cluster for which EC has been applied. They shall include these 4 quarries in cluster	The revised EMP will be prepared in cluster approach for 9 quarries which will be submitted during submission of Draft Environmental Impact Assessment Report at OSPCB.	To be add as specific condition.
Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC



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	approach and submit revised EMP in cluster approach for 9 quarries.		
2.	The distance as mentioned in the Annexure-I is confusing. They shall submit google map with boundary co-ordinations of each quarry and boundary demarcation of each quarry in yellow colour for 9 stone quarries in cluster approach and also mentioning the distance between each quarry.	Google map indicating all 9 stone quarries and the distance criteria between each quarries is attached herewith. The boundary co-ordinates of each quarries are mentioned in the kml file, (prepared by the NABET accredited agency) which is e-mailed. (Prepared by the technical experts of the NABET accredited agency)	Submitted

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

2. Whether SEAC recommended the proposal – Yes in its meeting held on 11.07.2023 and the SEAC prescribed the following specific ToRs in addition to standard ToRs in cluster approach as per **Annexure – A** for conducting detailed EIA study.

- a) Installation of STP of adequate capacity and requisite design.
- b) The revised EMP will be prepared in cluster approach for 9 quarries which will be submitted during submission of Final Environmental Impact Assessment Report at SEIAA.
- c) Traffic study duly vetted by reputed institution.
- d) Green belt in safety zone of each mine and all-round the clusters to be confirmed with details.
- e) Arrangement of pipeline sprinkling (permanent water line) to be explored and confirmed.
- f) Silt management and SoP for the same to arrest /remedy of silt ingress to surrounding agricultural lands.
- g) Kisam of land to be submitted.
- h) Safety measures during blasting including provision of warning to be submitted.
- i) Certificate from concerned, DFO that cluster is not within any notified forest area.
- j) Site photographs along with the consultant.
- k) Access road for transportation of mined products from each of the 9 stone quarries, space for storing mined wasted products as well as mined mineral products along with drainage system of rainwater (surface run off) for each of the nine queries to be shown in a common layout map certified by the RQP as per the approved mining plan.
- l) RL of water table in the mineral stone quarry zone comprising of all the nine quarries during summer and rainy season to be provided along with the RL of the surface post mining as per the approved mining plan.

1. The stone quarries in the cluster for which District Environmental Impact Assessment Authority (DEIAA) has already granted EC earlier shall be included in the proposed cluster area for re-appraisal as per OMF. No. IA3-22/11/2023-IA.III (E-208230), dtd. 28.04.2023 of MoEF & CC, Govt. of India.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority approved the grant of ToR as recommended by SEAC.


Member Secretary, SEIAA

APPROVED BY

Member, SEIAA


Chairman, SEIAA



AGENDA NO.138.10	
Proposal No.	SIA/OR/MIN/409033/2022
Date of application	11.05.2022
File No.	409033/932-MINB2/05-2023
Project Type	Proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Bagada Sand Quarry over an area of 12.35 Acres or 5.00 Ha having Khata No.28, Plot No. 156,158 & 159 in village Mahasingh under K. Nuagaon Tahasil of Kandhamal District.
Name of the company/Organization	Sri Panchanan Das Power of Attorney Holder, M/S.R.K.D. Construction (P) Ltd, B-20, CIE, Patia, Odisha Khordha, Pin- 751024
Location of Project	village Mahasingh under K. Nuagaon Tahasil of Kandhamal District.
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. 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 sand from Bagada Sand Quarry over an area of 12.35 Acres or 5.00 Ha having Khata No.28, Plot No. 156,158 & 159 in village Mahasingh under K.Nuagaon Tahasil of Kandhamal District, Odisha.
 - (ii) The mining area is a part of Survey of India Toposheet No. 64P/16, and the lease area bounded by Latitude: 20°10'29.83" N to 20°10'49.49" N and Longitude: 83°56'17.28" E to 83°56'24.91" E.
 - (iii) The mining lease is an identified sairat source in the DSR. The Bagada Sand Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, K.Nuagaon to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
 - (iv) Documents submitted: -Form-I, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
 - (v) Whether submitted KML file of the lease area-Yes
 - (vi) Whether submitted scrutiny fee-Yes of Rs. 2000/- vide e-Challan Ref. No. 3380B8F6BF dt. 02.12.2022.
 - (vii) Distance from nearest sanctuary/ESZ- Kotgarh WLS-49.0 Km
 - (viii) Whether the lease area coming in D.C report-No.
 - (ix) Whether the lease area reflecting in DSR-Yes
 - (x) Method of mining-Manual
 - (xi) River-Khadga, Depth of sand deposition-0.5 meter
 - (xii) Distance from nearest road bridge-5.0 km, village road -0.3 km, NH-59 and SH-7A is 0.1 Km
 - (xiii) Whether it is part of cluster -No
 - (xiv) Whether EC obtained earlier-Yes, and submitted earlier EC compliance

- (xv) Date of approval of Modification of mining plan- the Joint Director of Geology, South Zone, Berhampur on 30.09.2022.
- (xvi) Initially the mining plan was approved vide letter no. 858/DZ/ dated 29.06.2020 and EC was issued by SEIAA, Odisha vide letter no. 10120/SEIAA dated 16.12.2020 and now proposal for enhancement of production capacity from 1000 cum to 3000 cum.
- (xvii) Production capacity per annum-3000 cum/annum (max.), total production in 5 years period-15000 cum, Geological reserve-13969 cum and Mineable reserve-5323 cum.
- (xviii) 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**
- (xix) EMP budget provision of **Rs. 70,000/- per annum.**
- (xx) Any deficiencies/omission have been noticed in the above documents-**Not mentioned the last year production. There is a NGT order dated 07.02.2023 on O.A. 112/2021/EZ against the PP M/s. RKD Construction Company for submission of environmental compensation amounting of Rs. 3,84,99,138/- for damage of environmental due to excess and illegal mining of sand which is not clear whether that amount was deposited or not.**

2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 28th 30th June 2023 and the SEAC **recommended** the proposal for EC with observation: -
- a) The SEAC recommended to grant EC valid from the date of EC accorded upto the lease period with specific conditions stipulated for sand mine with following additional conditions.
 - 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.
 - c) In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured.
 - d) The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map.
 - e) Plantation programme to be completed within first two years and to be maintained in remaining years.
 - f) The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020.
 - g) The proponent shall provide Bio- toilet for the workers.

2. The proposal was placed in the 127th meeting of SEIAA held on 12th, 13th & 14th July, 2023 and decided as follows:

After detailed deliberation the Authority decided to seek clarification from PP/Tahasildar on the following points:

- (i). The NGT order dated 07.02.2023 on O.A. 112/2021/EZ in respect of Kenapali Sand Bed, Lahunipada Tahasil, Dist- Sundargarh directed that the PPM/s. RKD Construction Company shall deposit environmental compensation amounting of Rs. 3,84,99,137/- for damage of environment due to excess and illegal mining of sand. The PP/Tahasildar may be asked to clarify the status of the above matter.
- (ii). The PP may be asked to submit last two-year production of sand as quarry operated for two years after obtaining EC.

3. The proposal was placed in the 132nd meeting of SEIAA held on 16.08.2023, 17.08.2023 & 18.08.2023 and the Authority perused the letter of PP dated 02.08.2023 submitted by authorized signatory from RKD Construction Company enclosing a copy of Order dated 06.03.2023 in WP No-36077 of 2023 & IA No-2656 of 2023 wherein the Hon'ble High Court, Cuttack has directed the petitioner to deposit a bank guarantee of Rs. 1,50,00,000/- before the Registrar (judicial, Orissa High Court, Cuttack).

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2. Secondly, the PP has mentioned that 10,000cum of sand is procured in last two years as against the permissible quantity of 1000cum allowed in EC.
After detailed deliberation in the matter, the Authority decided to seek a report on the above two matter from the Tahasildar, Lahunipada.

Decision Of Authority: ADS

After detailed deliberation in the matter, the Authority decided to seek clarification on the following: -
1) The PP is required to submit clarification from Tahasildar, K.Nuagaon, Dist-Kandhamal on the point that "the PP has mentioned that 10,000cum of sand is procured in last two years as against the permissible quantity of 1000cum allowed in EC"


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


14.10.2023
Chairman, SEIAA

AGENDA NO.138.11

Proposal No.	SIA/OR/MIN/ 305438/2023
Date of application	09.10.2023
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Helei Stone Quarry-3 Over an area of 3.91 Acres or 1.582 ha at village Helei Tahasil Rairakhhol District Sambalpur for mining of Road Metal from Tahasildar Rairakhhol to Sri Neeraj Agarwal
Name of the company/Organization	Sri Neeraj Kumar Agrawal
Location of Project	village Helei Tahasil Rairakhhol District Sambalpur

Proposal in brief:

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

- (i) This is a proposal Transfer of EC of Helei Stone Quarry-3 Over an area of 3.91 Acres or 1.582 ha at village Helei Tahasil Rairakhhol District Sambalpur.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 1000/- vide e-Challan Ref. No. 35C935E354 dated 09.10.2023
- (iii) The EC of Helei Stone Quarry-3 Over an area of 3.91 Acres or 1.582 ha at village Helei Tahasil Rairakhhol District Sambalpur was in favour of Tahasildar, Rairakhhol vide SEIAA letter no./Identification No. 3355/SEIAA dated 18.10.2021.
- (iv) Present status of quarry- working
- (v) Whether submitted KMI. file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Rairakhhol to Sri Neeraj Kumar Agrawal, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 2968 dated 15.09.2023.
- (vii) This is a violation case due to quarry operation without transfer of EC as per MoEF & CC, Govt. of India SOP dt. 07.07.2021 and accordingly, the PP has submitted total project cost of Rs. 45,58,296/- and total turnover during violation period of Rs. 62,49,127/- for extraction 16220 cum of stone from the source for the period 01.01.2022 to 30.06.2023 through CA of Lacchuka & Co. having UDIN no. 2330410BGUXAC5904.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

Decision of Authority: Approved

After detailed discussion, the Authority decided to allow transfer of EC of the said proposal as per the MoEF & CC, Govt. of India O.M. no. F. No. 22-21/2020-IA.III dated 07.07.2021 regarding Standard Operating Procedure (SOP) for identification and handling of violation cases under EIA Notification 2006 and in accordance with the order of Hon'ble National Green Tribunal subject to remittance of total penalty amount of **Rs.30,603/-** (i.e. Halves of 1% of the total project cost of Rs. 45,583/- + 0.25% of the total turnover during violation period of Rs. 15,623/-) to State Pollution Control Board (SPCB), Odisha.

- a. The transfer of EC shall be issued after submit the proof of the penalty receipt to SEIAA, Odisha and no further reference to SEIAA meeting is required.



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- b. **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.
- c. **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 shall be submitted to SEIAA, Odisha through email at info.seiaaodisha@gmail.com.
- d. **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.
- e. **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.1,00,000/- with the respective District Environment Society for raising 200 plants of native species within 2 years in a suitable location adjoining to quarry.
- (i) **State EMF Fund:** - An amount equal to five percent (5%) of the royalty payable shall be collected from the lessee by the Tahasildar 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.

The above compliance shall be uploaded/submitted by PP in the Parivesh Portal of MoEF& CC, within 06 (six) months from date of issue of transfer of EC.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA
14.10.2023

AGENDA NO.138.12

Proposal No.	SIA/OR/IND2/302311/2023
Date of application	16.07.2023
File no.	5368/SEIAA
Project Type	Proposal for Extension of validity EC as per excise license period.
Category	B2
Project/Activity including Schedule No.	5(g) Distilleries
Name of the Project	Proposal for Extension of validity EC for production of 2.532 KLD of country liquor from the manufacturing unit of Hatipada in village-Hatipada, Tahasil-Kanisi, Dist-Ganjam
Name of the company/Organization	R Heramba Reddy
Location of Project	village-Hatipada, Tahasil-Kanisi, Dist-Ganjam
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

2. 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 Extension of validity EC for production of 2.532 KLD of country liquor from the manufacturing unit of Hatipada in village-Hatipada, Tahasil-Kanisi, Dist-Ganjam.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 8543/SEIAA dated 01.07.2020 and EC extended vide letter no. 5368/SEIAA dated 02.09.2022 in favour of R Heramba Reddy (Licensee) for production of 2.532 KLD of country liquor from the manufacturing unit of Hatipada in village-Hatipada, Tahasil-Kanisi, Dist-Ganjam.
- (iii) The excise license No. 04/2019/0049 issued by Superintendent of Excise, Berhampur is valid upto 31.03.2024
- (iv) The PP has submitted compliance of earlier EC conditions.
- (v) 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 **2nd, 3rd, 4th & 5th August 2023** and the SEAC reiterates its earlier recommendation for revalidation of country liquor proposals as decided in its meeting held on 31.10.2019 and opined that revalidation of Environmental Clearance is not required for the unit as it is already operational unit. Further, the SEAC opined that fresh Environmental Clearance is also not required for the proposal as it is not shifting the unit to other location and / or going for higher production capacity. The SEAC recommended returning these proposals to SEIAA, Odisha with a request to communicate the proponents as above.

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Decision Of Authority: Approved

After detailed deliberation the Authority **allowed extension of validity of EC** up to excise license period i.e., 31.03.2024 subject to conditions that the Project Proponent (licensee) shall deposit Rs.50,000/-, with the respective District Environment Society for raising 100 plants of native species especially Mahua Plant (*Madhuca Indica*) within 2 years in a suitable location or village common land adjoining to the unit.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


14.10.2023
Chairman, SEIAA

AGENDA NO.138.13

Proposal No.	SIA/OR/MIN/423558/2023
Date of application	13.07.2023
File no.	423558/954-MINB2/07-2023
Project Type	Proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of Minerals
Name of the Project	Proposal for EC of Chhenagaon Sand Bed over an area of 12.35 Acres or 5.00 Hectares in village Chhenagaon under Kesinga tahasil of Kalahandi district
Name of the company/Organization	Sri Pulak Mohanty At-Alatalanga, Po-Kulasri, Ps-Niali, Dist-Cuttack
Location of Project	village Chhenagaon under Kesinga tahasil of Kalahandi district
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

- (i) 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.
- (ii) This is a proposal for mining of sand from Chhenagaon Sand Bed over an area of 12.35 Acres or 5.00 Hectares in village Chhenagaon under Kesinga tahasil of Kalahandi district.
- (iii) The mining area is a part of Survey of India Toposheet No. F44X4 (64P/4), and the lease area bounded by Latitude: 20°08'36.69" N to 20°08'46.73" N and Longitude: 83°07'05.13" E to 83°07'16.61" E.
- (iv) The mining lease is an identified sairat source in the DSR. The Chhenagaon Sand Bed sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Kesinga to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (vi) Whether submitted KMI. file of the lease area-Yes
- (vii) Whether submitted scrutiny fee-Yes, of Rs. 2000/- vide e-challen Ref. no. 35A071009C dt. 25.03.2023
- (viii) Distance from nearest sanctuary/ESZ- Karalapat WLS-53.0 Km
- (ix) Whether the lease area coming in DLC report-No.
- (x) Whether the lease area reflecting in DSR-Yes
- (xi) Method of mining-Manual
- (xii) River-Tel, Depth of sand deposition-2.0 meter
- (xiii) Distance from nearest road bridge-3.4 km, village road -1.8 km, River Embankment-0.1km
- (xiv) Whether it is part of cluster -No
- (xv) Whether EC obtained earlier-Yes, granted by DEIAA with max annual production-2007cum and submitted earlier EC compliance but not satisfactory.
- (xvi) Date of approval of mining plan- the Joint Director of Geology, Zonal Survey, Balangiri on 01.10.2022.



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- (xvii) Production capacity per annum-6000 cum/annum (max.), total production in 5 years period-30000 cum, Geological reserve-99956 cum and Mineable reserve-87060 cum and proposed depth of mining-1.5 m
- (xviii) 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**
- (xix) EMP budget provision is Rs. 0.78Lakh/annum
- (xx) Any deficiencies/omission have been noticed in the above documents-**Nil**

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on **2nd, 3rd, 4th & 5th August 2023** and the SEAC The SEAC recommended to grant EC valid from the date of EC accorded upto the lease period with specific conditions stipulated for sand mine with following additional conditions.

- 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.
- In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured.
- The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map.
- Plantation programme to be completed within first two years and to be maintained in remaining years.
- The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020.
- The proponent shall provide Bio- toilet for the workers.
- Project Proponent shall not disturb the water course during mining.

Decision Of Authority: Approved

After detailed deliberation in the matter, the Authority decided to grant EC with usual stipulated conditions as applicable for stone quarry along with specific condition as follows:

- Maximum depth of mining 1.5 meter and maximum quantity of extraction shall be limited to **6000 cum** in 1st year and **1500 cum** in 2nd year. PP shall submit Annual rate of replenishment study (ARRS) report through ORSAC empanel agency by **December' 2025**.
- The validity of EC for 1st year and 2nd year is subjected to validity of DSR or validity of lease period whichever is earlier.
- The Project proponent shall follow Enforcement & Monitoring Guideline for sand mining-2020 before and during operation of quarry.
- 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).
- The Project Proponent (lease holder) shall deposit Rs.6250,000/-, with the respective District Environment Society for raising 500 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- The PP will implement the EMP with a budgetary allocation of Rs.0.78lakh/ as proposed during the valid lease period of 5 years.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


Chairman, SEIAA




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AGENDA NO.138.14	
Proposal No.	SIA/OR/MIN/424054/2023
Date of application	01.06.2023
File no.	424054/342-MINB1/06-2023
Project Type	Proposal for EC
Category	B1
Project/Activity including Schedule No.	I(a) Mining of Minerals
Name of the Project	Proposal for EC of Dumangdiri Stone Quarry-IV over an area of 33.25 acres or 13.456 ha bearing Khata no. 72, plot no. 663, village-Dumangdiri, Tahasil-Panposh, Dist-Sundargarh, Odisha
Name of the company/Organization	Sri Akshaya Praharaj
Location of Project	village-Dumangdiri, Tahasil-Panposh, Dist-Sundargarh, Odisha
ToR Date	19.05.2022
Name of the Consultant	M/s. P & M Solution

Proposal in brief:

- (i) 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.
- (ii) This is a proposal for mining of sand from Chhenagaon Sand Bed over an area of 12.35 Acres or 5.00 Hectares in village Chhenagaon under Kesinga tahasil of Kalahandi district.
- (iii) The mining area is a part of Survey of India Toposheet No. F45G15, and the lease area bounded by Latitude: 22°21'25.10"N to 22°21'38.40"N and Longitude: 84°48'28.80"E to 84°48'41.07"E.
- (iv) The mining lease is an identified sairat source in the DSR. The Dumangdiri Stone Quarry-IV sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Panposh to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (v) Documents submitted: -Form-1, D.L.C., 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-challen Ref. no. 334C4B01E01 dt. 23.03.2023
- (viii) Distance from nearest sanctuary/ESZ- Ushakothi WLS-104.0 Km
- (ix) Whether the lease area coming in DLC report-No, as certified by Tahasildar, Panposh vide letter no. nll dated 14.
- (x) 05.2022
- (xi) Whether the lease area reflecting in DSR-Yes
- (xii) Method of mining-Semi-mechanized
- (xiii) Distance from nearest road bridge-12.3 km, village road -0.6 km
- (xiv) Whether it is part of cluster-No
- (xv) Whether EC obtained earlier-No.
- (xvi) Date of approval of Modified mining plan- the Deputy Director of Geology, Zonal Survey, Sambalpur on 16.03.2022.

- 
- (xvii) Production capacity per annum-10070 cum/annum (max.), total production in 5 years period-50,350cum, Geological reserve-4149623.8cum and Mineable reserve-2869550.1cum and proposed depth of mining-1.5 m
- (xviii) 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**
- (xix) **Category:** As per EIA notification 2006 and its subsequent amendment thereof, proposed project falls in category B1 under Schedule of item of I(a)-Mining of Minerals. Dumangdiri Stone Quarry-IV is located at village - Dumangdiri, Tehsil- Panposh, District- Sundargarh in Odisha.
- (xx) The project has been proposed by Sri Akshay Kumar Praharaj and doesn't come under D.L.C land.
- (xxi) **TOR details:** TOR letter has been Issued vide letter no. 4561/SEIAA dated 19.05.2022.
- (xxii) **Public hearing details:** Public hearing was successfully executed on date 07-11-2022 in Dumangdiri Playground, Dumangdiri Village Under Panposh Tahasil of Sundargarh district. Issues raised during public hearing are air pollution and mitigation measures, surface water bodies and their management, ground vibration and noise, land use pattern, livestock and pasture land, employment and agriculture.
- (xxiii) **Location and connectivity:** The Dumangdiri Stone Quarry- IV comes near village- Dumangdiri, Tehsil- Panposh, District- Sundargarh, Odisha. Geo-graphically the MI. area extends from Longitude 84°48'28.80"E to 84°48'41.07"E and Latitude-22°21'25.10"N to 22°21'38.40"N. The area falls in Survey of India topo sheet No. F45G15. Nearest Electric Transmission Line Pole is present in Dumangdiri Village at a distance of 900m from the lease boundary. Nearest Town is Panposh Tehsil is 14.71 Km. from the proposed area towards W. Nearest Airport is Biju Patnaik International Airport is approx 210.0 km towards SSE direction. Nearest Railway Station is Kuarunda railway station at a distance of 6.4 Km in SSE direction. Nearest River Embankment is present at a distance of 1.1km from the lease boundary. Nearest Sanctuary / National Park / Eco-Sensitive Zone / Elephant Corridor/ Conservation Reserve is Ushakothi Wildlife Sanctuary : Approx 104 km from the lease boundary.
- (xxiv) **Baseline data:** Meteorological data at the site was monitored during March 2022 to May 2022 representing pre monsoon season.
- a) **Ambient air quality :** The Ambient Air Quality Monitoring reveals that of seven monitoring stations the minimum concentrations of PM₁₀ are 39.59 µg/m³ at AQ7 and maximum 62.54 µg/m³ at AQ3. The results of PM_{2.5} reveal that the minimum concentration of 18.47µg/m³ is recorded at AQ7, while maximum concentration of 30.02µg/m³ is found at AQ3. As far as gaseous pollutants SO₂ and NO_x are concerned, the prescribed CPCB limit of 80 µg/m³ for residential and rural areas had never surpassed at any selected station. The minimum & maximum concentrations of SO₂ are found to be 6.55 µg/m³ at AQ7 and 13.68 µg/m³ at AQ4 respectively. The minimum & maximum concentrations of NO_x are found to be 7.88 µg/m³ at AQ7 and 21.07 µg/m³ at AQ3 respectively.
- b) **Water quality:** To assess the physical and chemical properties of water in the region, ground water samples from six locations & surface water from three locations were collected from various water sources around the mine lease area. The pH of the ground water samples in the region varied from 7.18 to 7.43. The results indicate groundwater is generally in conformity with the drinking water standards (IS: 10500) and surface water is in conformity with IS-2296 standards.
- c) **Noise Levels:** The values of noise observed in some of the areas are primarily owing to vehicular traffic. Assessment of hourly night time Leq (Ln) varies from 32.5 to



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44.9 dB (A) and the hourly daytime L_{eq} (L_d) varies from 52.7 to 58.8 dB (A) during the night within the study area. The status of noise quality within the 10 km zone of the study area is, therefore, within the MoEF & CC standards.

d) **Soil quality:** 07 soil samples were collected in and around the mine lease area to assess the present soil quality of the region. The pH of the soil indicates that the soil is slightly alkaline in nature. Based on the results, it is evident that the soils are not contaminated by any polluting sources.

(xxv) **Waste generation:** A total of 2650 cum waste/rejects is likely to be generated during the plan period. A temporary dump has been proposed on the eastern part of the lease area. The amount of waste generated shall be kept within the lease area for a very short period of time and shall be used for road construction and maintenance time to time. About 0.007 Ha area has been proposed for temporary dump. As the dump shall have only one terrace and the height of dump shall not exceed 8m also the stack shall be for a very short period of time each year hence retaining walls/garland drains are not essential.

Year	Waste /Rejects in cum
1st Year	530
2nd Year	530
3rd Year	530
4th Year	530
5th Year	530
Total	2650

(xxvi) **Environment Consultant:** The Environment consultant **M/s P & M Solution, Noida** along with the proponent made a presentation on the proposal before the Committee on 07.07.2023.

(xxvii) Considering the information furnished and the presentation made by the consultant, **M/s P & M Solution, Noida** along with the project proponent, the SEAC recommended for grant of Environmental Clearance upto lease period with stipulated conditions as per **Annexure – A and following additional conditions:**

(xxviii) EMP budget provision of Rs. 4,62,400/- (Capital Cost) and Rs. 3,26,000/- (Recurring Cost) along with CER Cost is 1.0Lakh/annum.

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

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on **23.08.2023** and the SEAC The SEAC recommended for grant of Environmental Clearance upto lease period with stipulated conditions.

- Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt.
- 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 decorative stone quarry for ensuring that working personnel are not affected by silicosis.
- 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.

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 – B.**

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to grant EC with usual stipulated conditions as applicable for stone quarry along with specific condition as follows:

- (vii) Maximum depth of mining 6.0 meter and maximum quantity of extraction shall be limited to **10070 cum** in 1st year and **10070 cum** in 2nd year.
- (viii) The validity of EC is for 1st year and 2nd year or validity of DSR or validity of lease period whichever is earlier.
- (ix) 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).
- (x) The Project Proponent (lease holder) shall deposit Rs.6,50,000/-, with the respective District Environment Society for raising 1300 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- (xi) The PP will implement the EMP with a budgetary allocation of Rs.4,62,400/- (Capital Cost) and of Rs. 3,26,000/-(recurring cost) as proposed during the valid lease period of 5 years.
- (xii) The PP shall comply to the issues raised during public hearing will spend Rs. 1.0 Lakhs/annum as proposed towards compliance of public hearing issues.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

AGENDA NO.138.15

Proposal No.	SIA/OR/MIN/423182/2023
Date of application	03.05.2023
File no.	423182/343-MINBI/06-2023
Project Type	Proposal for EC
Category	B1
Project/Activity including Schedule No.	I(a) Mining of Minerals
Name of the Project	Proposal for EC of Dumangdiri Stone Quarry - III over an area 20.364 ha at Dumangdiri village in Panposh Tehsil, District Sundargarh
Name of the company/Organization	STARLIGHT INFRA PRIVATE LIMITED
Location of Project	Dumangdiri village in Panposh Tehsil, District Sundargarh
ToR Date	19.05.2022
Name of the Consultant	M/s. P & M Solution

Proposal in brief:

- i) 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.
- ii) This proposal is for Environmental Clearance for Dumangdiri Stone Quarry - III over an area 20.364 ha at Dumangdiri village in Panposh Tehsil, District Sundargarh of Sri Dulal Choudhary.
- iii) **Category:** As per EIA notification 2006 and its subsequent amendment thereof, proposed project falls in category B1 under Schedule of item of I(a)-Mining of Minerals.
- iv) The Dumangdiri Stone Quarry-III project has been proposed by Sri Dulal Choudhury. The mining plan has been approved vide letter no 1445/Mines Dated 02.07.2020, by Director of Mines Odisha, Bhubaneswar.
- v) **TOR details:** TOR letter has been Issued vide letter no. 4593/SEIAA dated 19.05.2022
- vi) **Public hearing details:** Public hearing was successfully executed on date 07-11-2022 at Dumangdiri Playground, Dumangdiri Village Under Panposh Tahasil of Sundargarh district. Issues raised during public hearing are air pollution and mitigation measures, surface water bodies and their management, ground vibration and noise, land use patten, livestock and pasture land, employment and agriculture.
- vii) **Location and connectivity:** The Dumangdiri Stone Quarry-III comes near village- Dumangdiri, Tehsil Panposh, District Sundargarh, Odisha. Geo-graphically the ML area extends from Longitude 84°47'58.65" E to 84°04'07.14"E and Latitude 22°22'08.86"N to 22°22'27.05" N with an elevation of about 340mRL to 260mRL. The area falls in Survey of India topo sheet No. F45G15. Nearest Electric Transmission Line Pole is present in Dumangdiri Village at a distance of 500m from the lease boundary. Nearest Town is Birmitrapur is at 7.51 Km in NW direction. Nearest Airport is Biju Patnaik International Airport, is approx 210.0 km towards SE direction. Nearest Railway Station is Kaurmunda railway station at a distance of 7.00 Km in SSW. Nearest Highway is NH-143 which is approx 5.54 km in W direction. Nearest river embankment is at a distance of 2.8 Km from the lease boundary.
- viii) **Baseline data:** Meteorological data at the site was monitored during March 2022 to May 2022 representing pre monsoon season.
 - a) **Ambient air quality:** The Ambient Air Quality Monitoring reveals that of seven monitoring stations the minimum concentrations of PM₁₀ are 39.59 µg/m³ at AQ7 and maximum 62.54 µg/m³ at AQ3. The results of PM_{2.5} reveal that the minimum



concentration of $18.47 \mu\text{g}/\text{m}^3$ is recorded at AQ7, while maximum concentration of $30.02 \mu\text{g}/\text{m}^3$ is found at AQ3. As far as gaseous pollutants SO_2 and NO_x are concerned, the prescribed CPCB limit of $80 \mu\text{g}/\text{m}^3$ for residential and rural areas had never surpassed at any selected station. The minimum & maximum concentrations of SO_2 are found to be $6.55 \mu\text{g}/\text{m}^3$ at AQ7 and $13.68 \mu\text{g}/\text{m}^3$ at AQ4 respectively. The minimum & maximum concentrations of NO_x are found to be $7.88 \mu\text{g}/\text{m}^3$ at AQ7 and $21.07 \mu\text{g}/\text{m}^3$ at AQ3 respectively.

- b) **Surface water:** The analysis results indicate that the pH ranges between 7.25 and 7.46. Dissolved Oxygen (DO) was observed in the range of 6.4 to 7.2 mg/l against the minimum requirement of 4 mg/l. BOD values were observed to be in the range of 4.0 - 7.8 mg/l.
- c) **Ground water:** pH varies from 7.18 at GW1 to 7.43 at GW2 during study period. Total hardness varies from 148.0 mg/l at GW5 to 184mg/l at GW1 during study period. Total dissolved solids vary from 386.0 mg/l at GW5 to 502 mg/l at GW4 during study period.
- d) **Noise Level:** The values of noise observed in some of the areas are primarily owing to vehicular traffic. Assessment of hourly night time L_{eq} (L_n) varies from 32.5 to 45.6 dB (A) and the hourly daytime L_{eq} (L_d) varies from 52.7 to 58.8 dB (A) during the night within the study area. The status of noise quality within the 10 km zone of the study area is, therefore, within the MoEF & CC standards.
- e) **Soil quality:** 07 soil samples were collected in and around the mine lease area to assess the present soil quality of the region. The pH of the soil indicates that the soil is slightly alkaline in nature. Based on the results, it is evident that the soils are not contaminated by any polluting sources.

- ix) **Reserves and total production:** As estimated Geological Reserves and Mineable Reserve of the proposed project is 7446576.9 and 3956682.6 cum respectively.

	Category	Recovery Factor (95%)	Quantity in (cum)
Geological Reserves	Proved	0.95	4674358.3
	Probable	0.95	1833942.8
	Possible	0.95	938276.2
Total (a)	-	0.95	7446576.9
Mineable Reserve	Proved	0.95	3077880.3
	Probable	0.95	878802.3
Total (b)	-		3956682.6
Total (a+b)	-		11403259.5

Year	Volume of Rock Mass in cum	Volume of waste rock mass @ 5%: m^3	Vol. of Usable Rock mass(95%) m^3	Total Production in cum
1 st Year	10530	526.5	10004	10004
2 nd Year	10530	526.5	10004	10004
3 rd Year	10530	526.5	10004	10004

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4 th Year	10530	526.5	10004	10004
5 th Year	10530	526.5	10004	10004
Total	52650	2632.5	50020	50020

x) **Mining method:** Mining will be done by opencast semi-mechanized method with adoption of drilling & blasting. Mining will be done by deploying machines like jackhammer, drill compressor, rock breaker, excavator and tractors/trucks. Tipper trucks will be used for transporting stone and waste. Drilling & blasting will be carried out as & when required. Lessee will take all necessary permission and do accordingly DGMS norms. Blasting will be carried out by an employed blaster. Short hole blasting will be practiced.

xi) **Water requirement:** the water requirement for workers for drinking purpose will be around 0.25 KLD & the total water requirement will be around 11.50 KLD. This water will be supplied from the nearby area.

Purpose	Total (in KLD)
Domestic & drinking	0.25
Dust suppression	3.72
Green belt development	7.47
Total	11.44-11.50 KLD

xii) **Waste generation:** A total of 2632.5 cum waste/rejects is likely to be generated during the plan period. Considering swell factor of 1.2 the total broken volume of waste will be 3159 cum which will be dumped in the dumping site which will cover an area of 360 sqm, so the dump height will be 10 m. Depending upon the essentially about 70 % of these waste/rejects will be utilized con-currently for backfilling and construction and maintenance of road in the lease area

Year	Waste /Rejects in cum
1st Year	526.5
2nd Year	526.5
3rd Year	526.5
4th Year	526.5
5th Year	526.5
Total	2632.5

xiii) Greenbelt:

Year	Greenbelt Nos.			Total Plantation
	Safety Zone Area	Plantation along approach road	Plantation at other places in village after consulting local authorities	
1st	2615	620	100	3335
2nd	Maintenance		100	100
3rd			100	100
4th			100	100

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Sl. No.			100	100
Total	2615	620	500	3735

xiv) **Manpower:** The number of working people required for the proposed project is 25.

xv) **Project cost:** Total cost of the project is 50 Lakhs. EMP budget includes a capital cost of Rs. 9,02,000 and recurring cost of Rs. 3,26,000.

Table: BUDGET ALLOCATION FOR EMP IMPLEMENTATION

S. No.	Measures	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
i)	Pollution Control Dust Suppression /Water Sprinkling	--	1,00,000
ii)	Pollution Monitoring i) Air pollution ii) Water pollution iii) Soil Pollution iv) Noise Pollution	--	50,000 40,000 10,000 10,000
iii)	Green belt development	7,47,000	50,000
iv)	Maintenance of approach road	1,55,000	66,000
Total		9,02,000	3,26,000

Table: CER cost

S. No.	Activity	Capital Cost (in Rs.)/annum
i)	Financial aid for medical camp in Dumangdiri village. @ Rs. 25,000/ camp (2 camp in a year).	50,000
ii)	Skill development program camps like computer learning, sewing etc. in Dumangdiri village. @Rs 25,000/trainer (2 trainer)	50,000
TOTAL		1,00,000

xvi) **Environment Consultant:** The Environment consultant M/s P & M Solution, Noida along with the proponent made a presentation on the proposal before the Committee.

xvii) The SEAC in its meeting held on dated 07-07-2023 decided to take the decision on the proposal after receipt of the following from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
i)	Status of Stone quarry – I, II and IV along with distance certificate from concerned Tahasildar from stone quarry – III.	Dumangdiri Stone Quarry – I & II are permanently closed/extinct on dt. 16.06.2022. Hence Stone quarry I & II were not included in application for obtaining EC. The distance between Dumangdiri Stone Quarry – III & IV is more than 1Km.	-
ii)	Clarify the discrepancy of water requirement and discharging wastewater into nearby Dam in PPT and EIA [as compliance to ToR 9 (ii)].	There will be no discharge of waste water into nearby Dam (a) Sources of inflow water in the mine area Rain water within the lease area (b) Surface Run-off water from the adjacent area. No pumping arrangement is required	-



		within the plan period, because rain water will be diverted in to low lying area through a drain. The working area will have a garland drain which will not allow the rainy-off water into the pit.	
iii)	The proponent assured (as compliance to TOR 18) to submit the NOC/Certificate from the respective Panchayat to use the road during the final presentation for EC. But they failed to do the same. So, the proponent must submit the same.	The NOC/certificate regarding the road use from the respective Panchayat is obtained & annexed herewith.	Copy attached.
iv)	Reduced Level (RL) of the reservoir, RL of ground water level during summer and rainy season as well as RL of surface post mining as per the approved mining plan.	<p>Reduced Level of the nearby reservoir which is about 2.5km away from the lease is 229m.</p> <ul style="list-style-type: none"> - RL of ground water level during summer is ranging between 215m-220m & rainy season is 220m-225m. - RL of surface post mining as per the approved mining plan is 279m, which is much above the water table. 	-
v)	NOC from Mandira Dam authorities for operation of the mines near to the Dam.	Mandira Dam is situated at a distance of 16Km from the Dumangdiri Stone Quarry-III. Hence Mandira Dam will not be affected due to quarry operation in Dumangdiri Stone Quarry – III.	NOC from Mandira Dam authorities for operation of the mines near to the Dam not submitted.
vi)	Details of blasting planning such as numbers of blasting per day, time of each blasting etc.	Short hole Muffled/ Controlled blasting technique will be adopted. Monthly production is very less i.e, 877.5m ³ . Hence for achieving this much quantity. Per day blasting is not needed. Number of blasting shall be 2/3 times per month.	-
vii)	Distance from habitation and layout indicating no mining zone towards habitation.	Nearest Notification is adjacent to the lease area. So 300m non-minicable zone has been proposed in the Mining Plan. As per mining plan the proposed mining area is more than 500m from the nearest habitation. Proposed mining zone is not towards habitation, Yearly	Layout not submitted.



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excavation/mining will be carried out in opposite direction of the habitation.

Considering the information furnished and the presentation made by the consultant, **M/s P & M Solution, Noida** along with the project proponent, the SEAC recommended for grant of Environmental Clearance upto lease period with stipulated conditions as per **Annexure – A and following additional conditions:**

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on **23.08.2023** and the SEAC The SEAC recommended for grant of Environmental Clearance upto lease period with stipulated conditions.

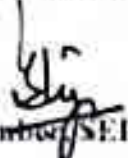
- e) Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt.
- f) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and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

Decision Of Authority: ADS

The Authority observed that the PP has submitted Suo-moto declaration and after detailed deliberation the Authority decided that the PP is required to submit the total project cost and total turnover during violation period from a Chartered Accountant (CA) as per the SOP dated 07.07.2021 of MoEF & CC, Govt. of India for further consideration of this proposal.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA



Chairman, SEIAA

AGENDA NO.138.16

Proposal No.	SIA/OR/MIN/431461/2023
Date of application	31.05.2023
File no.	431461/345-MINBI/06-2023
Project Type	Proposal for EC
Category	B1
Project/Activity including Schedule No.	I(a) Mining of Minerals
Name of the Project	Proposal for EC of Brahmani River sand quarry Kateni (Kateni Sand quarry) over an area of 12.50 acres/ 5.06 Ha. at Village - Kateni , Tahasil - Kamakhyanagar, District - Dhenkanal, State - Odisha by Sri. Manoranjan Patro
Name of the company/Organization	Manoranjan Patra
Location of Project	Village - Kateni , Tahasil - Kamakhyanagar, District -Dhenkanal, State - Odisha
ToR Date	19.08.2022
Name of the Consultant	M/s Parivesh Environmental Engineering Services, Lucknow

Proposal in brief:

- i) 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.
- ii) This proposal is for Environmental Clearance for Brahmani river sand quarry Kateni (Kateni Sand quarry) over an area of 12.50 acres/ 5.06 Ha. at Village - Kateni, Tahasil - Kamakhyanagar, District - Dhenkanal of Sri. Manoranjan Patra.
- iii) **Category:** As per the EIA Notification, 2006 and its subsequent amendments, this project falls in category B under Schedule of activity I(a)- Mining of Minerals.
- iv) Intimation of Successful Bidder has been given to Sri Manoranjan Patro, vide letter no. 1489 on dated 29/03/2022.
- v) The Mining plan has been approved by the Joint Director Geology Zonal Survey Dhenkanal vide letter no. 423 dated 29.04.2020.
- vi) The mining lease area is listed as an identified sand minor mineral in the DSR, Serial no - 26 of the Dhenkanal district.
- vii) **TOR Details:** Terms of Reference (TOR), was issued by SEIAA, Odisha vide letter no 5185 dated: 19.8.2022.
- viii) **Public hearing details:** Public Hearing was conducted on 18.11.2022 at 11:00 AM at Kateni Bada Talia Chhak under Tahasil- Kamakhyanagar of Dhenkanal district. News Paper advertisement was given on Odia daily "Dharitri" and English Daily "Indian Express" dated 15.10.2022. The public hearing in respect of the above project was held on 18.11.2022 as per schedule and the venue in accordance with the EIA notification S.O.1533 (E) dt.14.09.2006 near to lease area. Issues raised during public hearing of this project are scarcity of sand, employment to local people and road maintenance. The budget incurred for the action plan of public hearing is Rs.3,50,000.
- ix) Brahmani Sand Quarry is a sand mining project over an area of 12.50 acres/ 5.06 Ha. located in village - Kateni , Tahasil - Kamakhyanagar in District -Dhenkanal of Odisha. The mining lease granted by Tahasildar, Kamakhyanagar, Dhenkanal and has been auctioned and leased out to the successful bidder Sri. Manoranjan Patro, At/PO - Alipur, PS - Aska, Dist - Ganjam after obtaining statutory clearances. The mining lease will be granted on for long term basis for 5 years and the lease period will start from the date of registration of executed lease deed.



Location and connectivity: The area under discussion is featured in Survey of India Topo Sheet No. (F4515, F4516, F4519, F45110) and is bounded between the Latitude -20° 46' 33.37" N to 20° 46' 38.58" N & Longitude - 85° 29' 08.14" E to 85° 29' 19.45" E. The Lease area is located at a distance of 19 km from Dhenkanal town, 17 km from Tehsil Kamakhyanagar and 68 km from the State Capital Bhubaneswar. Mahadia Railway Station is the nearest railway station located at a distance of 2.9 km from the lease area in south direction. Metal road connecting to the lease area with the at distance of 1.25 km. NH - 42 is the nearest national highway which is at distance of 4.3 km in South direction.

- xi) There is no National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/ Elephant Reserves (existing) is situated within 10km of the mining lease area.
- xii) **Reserves and production:** The total geological reserve has been estimated as 182160 m³. Similarly, the mineable reserve of river bed sand is worked out to be 94276 m³. The project has been proposed for a total production of 94250 m³ of Sand from this Quarry. During the plan period average of 18850 Cum of sand will be produced per annum by Open Cast Semi mechanized mining method. Excavation and loading of sand into the dumpers and tipper/tractors.
- xiii) **Mining Method:** The sand will be excavated by open cast semi mechanized method and thickness of sand deposit for mining is taken as 2.0m. Mining will be done with semi -mechanized method of excavation & loading into Haiwa/Trucks/tippers for transport to the user's destination. The mining will be undertaken on single shift basis. Keeping in view of the market demand and resource availability in respect of reserves, proposed sand quarry is scheduled to produce @ 18,850 cum/year for the plan period
- xiv) **Replenishment study:** As per the replenishment study, Estimated Mineable area is 43646 Sq.m. Pre-Monsoon and Post-Monsoon Standard Elevation are 45.02 and 45.83 respectively. Difference in Elevation is 0.81. Estimated Annual replenishment Volume is 35353.26 m³. Calculated basing on the availability of mineable area in the post monsoon study is 36461 m² so that Safe available mineable volume will be 29533.41 m³. The Annual proposed production is 18850 cubic meters.
- xv) **Baseline details:** One season data of ambient air quality, water quality, noise level, meteorology, soil and flora and fauna has been collected during pre-monsoon season March 2022 to May 2022.
- a) **Air Quality:** **PM₁₀**- The maximum value for PM₁₀ observed at near NH 42 location 74.2 µg/m³ and minimum value for PM₁₀ observed at Kantapal Village 52.8 µg/m³. The 24 hours applicable limit for industrial, Residential Rural and Other Areas is 100 µg/m³. **PM_{2.5}**- The maximum value for PM_{2.5} observed at near NH 42 location 37.1 µg/m³ and minimum value for PM_{2.5} observed at Kantapal Village 31.2 µg/m³. The 24 hours applicable limit for industrial, Residential Rural and Other Areas is 60 µg/m³. **SO₂**- The maximum value for SO₂ observed at near NH 42 location 8.9 µg/m³ and minimum value for SO₂ observed at Kantapal Village 4.3 µg/m³. The 24 hours applicable limit for industrial, Residential Rural and Other Areas is 80 µg/m³. **NO_x**- The maximum value for NO₂ observed at near NH 42 location 15.9 µg/m³ and minimum value for NO₂ observed at Kantapal Village 6.2 µg/m³. The 24 hours applicable limit for industrial, Residential Rural and Other Areas is 80 µg/m³. **CO**- The maximum value for CO observed at near NH 42 location 0.71 mg/m³ and minimum value for CO observed at Kantapal Village 0.33 mg/m³. The 24 hours applicable limit for industrial, Residential Rural and Other Areas is 4 mg/m³
- b) **Ground Water:** The analysis results of ground water samples showed the pH in range of 7.02-8.5 which are with the specified standard limits of 6.5 to 8.5. Color and turbidity of the samples < 1.0 Hazens and <5.0 NTU respectively. The total hardness of the samples ranged from 269 mg/l - 367.2 mg/l. Calcium and magnesium concentrations ranged from 45.6 mg/l -59.5 mg/l and 12.6 mg/l - 16.08 mg/l respectively. The total dissolved solids of the samples ranged from 484.4 mg/l - 645.8 mg/l. The TDS values are within the stipulated 2000 mg/l Range of chlorides and sulphates concentrations ranges from 43.8 mg/l- 70 mg/l and 34.4 mg/l - 66.8 mg/l respectively. Fluoride concentration ranged from 0.06 mg/l - 0.38mg/l and is found to be within the permissible limits.



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- Iron concentrations in ground water varied from 0.03-0.3 mg/l. Zinc levels varied from 0.61 mg/l to 0.82 mg/l respectively. Aluminium concentration in ground water is <0.01 mg/l at all locations.
- c) **Surface Water:** The analysis results indicate that pH and total coliform of the surface water was found to be in range of 7.6 – 8.2 and 4500 - 4600 MPN/100ml.
- d) **Soil Quality:** It has been observed that the pH of the soil in the study area ranged from 7.21 to 7.48. The electrical conductivity was observed to be in the range of 348.6 µmhos/cm to 361.3 µmhos/cm. The total nitrogen values range between 369 to 210 mg/kg. The phosphorus values range between 17 to 37 mg/kg, indicating that the phosphorus content in the study area falls in less to medium category. The potassium values range between 78.5 – 81 mg/kg.
- e) **Noise Quality:** The daytime (Leqday) noise levels are observed to be in the range of 49.7 – 54.6 dB(A) which are within the prescribed limit of 55 dB(A). The maximum noise level of 54.6 dB (A) was observed at near NH 42 and the minimum noise level of 49.7 dB(A) was observed at Village Kateni during the study period. It is observed that the day time noise levels are in accordance to the prescribed limit of 55 dB (A). The night time (Leqnight) Noise levels are observed to be in the range of 41.8 – 44.9 dB(A) Which are within the prescribed limit of 45 dB(A). The maximum noise level of 44.9 dB (A) was observed at near NH 42 and the minimum noise level of 41.8 dB (A) at Village Kateni during the study period. It has been found that the night time noise levels are in accordance to the prescribed limit of 45 dB (A).
- xvi) **Water Requirement:** Water requirement for the project will be 3.0 KLD. Water required in the project will be for drinking purpose and dust suppression, which will be sourced from water tanker. NOC will be obtained from Gram Panchayat.
- xvii) **Mine Drainage:** The shallow depth excavation on dry/ nominally wet sand has been proposed, which will have negligible or no impact on drainage. Abandoned stream channels on terrace and inactive flood plains have been preferred rather than active channels.
- xviii) **Power Requirement:** No use of electric power as the operation will be done in day time.
- xix) **Employment Potential:** Employment Generation from the project is 16 nos. of people. Indirect employment through creation of shops/ stalls, hired vehicles, etc. also, can be generated to full fill the day-to-day requirements of the mining personals.
- xx) **Greenbelt:** Greenbelt will be developed in the buffer zone of mine lease area and village haulage roads side also. It is proposed for planting 250 saplings suitable per annum by the lessee in vicinity of the riverbank and haulage road side. Plantation shall be done with suitable local species like teak, mango, Jammu, jhaun, neem etc. per year and along the approach road during the plan period.
- xxi) **Project cost:** The project cost is estimated to be Rs. 40.0 lakhs and there is a budgetary provision of EMP is Rs.4.7 lakhs as capital cost and Rs.2.35 Lakhs as recurring cost

S. No.	Description	Capital Cost (Rs.)	Recurring Cost (Rs.)
1.	Air pollution Control: Dust Suppression/ Water Sprinkling	30,000	1,00,000
2.	Road Maintenance	50,000	60,000
3.	Greenbelt	40,000	25,000
4.	Personal Protective Equipment	-	20,000
5.	Environmental monitoring	-	30,000
6.	Addressal of Public Hearing issues	3,50,000	-
Total		4,70,000/-	2,35,000

xxii) **Environment Consultant:** The Environment consultant **M/s Parivesh Environmental Engineering Services, Lucknow** along with the proponent made a presentation on the proposal before the Committee on 07.07.2023.

- 1. The SEAC decided to take the decision on the proposal after receipt of the following from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

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Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
1.	Layout of alternative road duly certified by the concerned Tahasildar and undertaking for not using the village road for transportation.	Evacuation route map along with Tahasildar Letter has been attached for your reference as Annexure-1 .	submitted
2.	Rectify the proposed no. of working days in mining of sand.	Clarification Letter regarding man days has been attached for your reference as Annexure-2 .	submitted

Considering the information furnished and the presentation made by the consultant, **M/s Parivesh Environmental Engineering Services, Lucknow**, along with the project proponent, the SEAC recommended for grant of Environmental Clearance for the proposal valid upto lease period with stipulated conditions as per **Annexure – A** and following specific conditions:

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on **18.08.2023** and the SEAC recommended for grant of Environmental Clearance upto lease period with stipulated conditions.

- a) Amended EIA Notification dated 25th July, 2018, Guidelines for sustainable sand mining, 2016 and Enforcement and Monitoring Guidelines for Sand Mining, January 2020 of MoEF&CC, Govt. of India shall be adhered to in execution of Mining as per **Annexure – B**.
- b) Sand extraction shall be limited to quantity and depth as per replenishment study report. Regular replenishment study as per guidelines to be conducted and report to be submitted.
- c) Provision of Bio-toilet shall be made at the site.
- d) Avenue plantation and plantation on both sides of the haulage road in consultation with/on the advice of concerned Forest Department, Government of Odisha & W.R. Department Government of Odisha as well.
- e) Stone patching with plantation in between along the stretch of the bank associated with sand mining and necessary ramp construction shall be made.

Decision Of Authority: Approved

After detailed deliberation in the matter, the Authority observed that although the replenishment study indicates 29533.41 cum is replenishable but the mining plan is prepared for 18850 cum per year. Accordingly, the Authority allowed grant of EC for an annual production of 18850 cum per for the 1st year and 18850 cum for the 2nd year along with the following specific conditions.

- (i) The validity of EC is for 1st year and 2nd year or validity of DSR or validity of lease period whichever is earlier.
- (ii) 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).
- (iii) The Project Proponent (lease holder) shall deposit Rs.2,25,000/-, with the respective District Environment Society for raising 500 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.

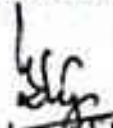


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- (iv) The PP will implement the EMP with a budgetary allocation of Rs. 4,70,000/- (Capital Cost) and of Rs. 2,35,000/- (recurring cost) as proposed during the valid lease period of 5 years.
- (v) The PP shall comply to the issues raised during public hearing will spend Rs.3.50 Lakhs as proposed towards compliance of public hearing issues.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



AGENDA NO.138.17	
Proposal No.	SIA/OR/MIN/290005/2022
Date of application	24.08.2022
File No.	290005/431-MINB2/08-2022
Project Type	Proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Padampur Stone Quarry over an area of 0.50 acres or 0.202 hectares in village Padampur under Jeypore Tahasil of Koraput District, Odisha.
Name of the company/Organization	Sri Rajendra Prasad Khadanga At-K.D.S.D. Road, Po/Ps-Jeypore, Dist-Koraput
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. 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 of Padampur Stone Quarry over an area of 0.50 acres or 0.202 hectares in village Padampur under Jeypore Tahasil of Koraput District, Odisha.
 - (ii) The mining area is a part of Survey of India Toposheet No. 65J/9 bounded by Latitude: 18°49'50.74" N to 18°49'48.65" N and Longitude: 82°33'52.75" E to 82°33'50.38" E.
 - (iii) The mining lease is an identified sairat source in the DSR. The Padampur Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Jeypore to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
 - (iv) Documents submitted: -Form-1, D.L.C., PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, 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 Ref no. 336A27AF89 dated 24.08.2022
 - (vii) Distance from nearest sanctuary/ESZ- Kanger Valley WLS-37.0 Km
 - (viii) Whether the lease area coming in D.L.C report-No, clarified by the Tahasildar, Jeypore, vide letter 2613 dated 17.08.2022.
 - (ix) Whether the lease area reflecting in DSR-Yes
 - (x) Method of mining-Semi-mechanized
 - (xi) Distance from nearest road bridge-2.0 km, village road -0.50 km
 - (xii) Whether it is part of cluster -No
 - (xiii) Whether EC obtained earlier-No
 - (xiv) Date of approval of mining plan-the Joint Director of Geology, Koraput on 08.05.2020.
 - (xv) Production capacity per annum-1000 cum/annum (max.), total production in 5 years period-5000 cum, Geological reserve-34088 cum and Mineable reserve-9254 cum.
 - (xvi) 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**
 - (xvii) Any deficiencies/omission have been noticed in the above documents-**Nil**



Minutes of 138th Meeting of SEIAA, Odisha Held on 10.10.2023 & 12.10.2023

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 14.10.2022 and the SEAC recommended the proposal for EC.

3. The proposal was placed in the 101st SEIAA meeting held on 29.11.2022 & 30.11.2022 and in the google earth map/KML file, it appears that there is already quarrying activity in the proposed lease area. After detailed deliberations, the Authority decided that the Joint Director of Geology, Zonal Survey, Koraput may clarify the mining approval letter issued vide letter no. 671 dated 08.05.2020 issued in favour of the Tahasildar, Jeypore, Dist-Koraput and validate the signature. Also, concerned Tahsildar has to submit the site inspection report on the following point.

- (i) Whether EC has been granted previously for the proposed quarry? If yes, submit the full-scale compliance of the EC stipulations.
- (ii) If, no whether there is any violation occurred and action taken thereof.


Decision Of Authority: Approved

After detailed deliberation the Authority decided to grant EC with usual stipulated conditions as applicable for stone quarry with the following specific conditions:

- (i) Maximum depth of mining 6.0 meter and maximum quantity of extraction shall be limited to 1000 cum in 1st year and 1000 cum in 2nd year.
- (ii) The validity of EC is for 1st year and 2nd year or validity of DSR or validity of lease period whichever is earlier.
- (iii) 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).
- (iv) The Project Proponent (lease holder) shall deposit Rs.2,50,000/-, with the respective District Environment Society for raising 500 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- (v) The PP will implement the EMP with a budgetary allocation of Rs. 1.0 Lakh as capital cost & Rs.25,000Lakhs/annum as recurring cost as proposed during the valid lease period of 5 years.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


14.10.2023
Chairman, SEIAA



AGENDA NO.138.18	
Proposal No.	SIA/OR/MIN/ 304028 /2023
Date of application	27.09.2023
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Sogar Sand Quarry over an area of 12.20 Acre or 4.937 Ha under Kamakhyanagar Tahasil of Dhenkanal District Odisha
Name of the company/Organization	Sri Bikram Kishore Mallick
Location of Project	village-Sogar, Tahasil- Kamakhyanagar, Dist-Dhenkanal

Proposal in brief:

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

- (i) This is a proposal Transfer of EC of Sogar Sand Quarry over an area of 12.20 Acre or 4.937 Ha under Kamakhyanagar Tahasil of Dhenkanal District Odisha.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, Tahasildar forwarding letter, Status of quarry and scrutiny of Rs. 2000/- vide e-Challan Ref. No. 35C45CACCD dated 27.09.2023
- (iii) The EC of Sogar Sand Quarry over an area of 12.20 Acre or 4.937 Ha under Kamakhyanagar Tahasil of Dhenkanal District Odisha was in favour of Tahasildar, Kamakhyanagar vide SEIAA letter no./Identification No. EC23B001OR176705 dated 14.08.2023.
- (iv) Present status of quarry- non-operated.
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Kamakhyanagar to Sri Bikram Kishore Mallick, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 4203 dated 08.09.2023.
- (vii) The PP has submit of Rs. 2,50,000/- to District Environmental Society for plantation was acknowledge by DFO vide letter no. 7127 dt. 05.09.2023
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

Decision Of Authority: Approved

The transfer of EC is allowed subject to condition that the new lessee shall submit half yearly compliance report of the stipulated conditions of EC issued earlier on regular basis.


Member Secretary, SEIAA

APPROVED BY

Member, SEIAA


14.10.2023
Chairman, SEIAA