



## Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023

AGENDA NO.140.01	
Proposal No.	SIA/OR/MIN/439726/2023
Date of application	30.09.2023
File no.	439726/770-MINB1/09-2023
Project Type	Proposal for EC
Category	B1
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Environment Clearance for Enhancement in production of Iron ore from 8.06 million TPA(7.0 million TPA ROM +dry crushing and screening of low grade ore from old stacks & dumps of 1.06 million TPA) to total excavation 19.3 Million TPA (16.5million TPA (15.0 million TPA ROM Iron Ore + dry crushing & Screening of 1.5million TPA of low grade Iron ore from old stacks & dump +2.8 Million TPA waste)in the mine lease area of 147.10 Ha located at villages Sanindpur & Oraghat, Tehsil-Koira, District-Sundar
Name of the company/Organization	Rungta Sons Private Limited Mahesh Dutt Rustagi (Director)
Location of Project	villages Sanindpur & Oraghat, Tehsil-Koira, District-Sundar
ToR Date	02.07.2021
Name of the Consultant	M/s Ecomen Laboratories Pvt Ltd. Lucknow

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

1. This proposal is for Environmental Clearance of M/s. Rungta Sons Private Limited for Enhancement in production of Iron ore from 8.06 million TPA(7.0 million TPA ROM +dry crushing and screening of low grade ore from old stacks & dumps of 1.06 million TPA) to total excavation 19.3 Million TPA (16.5million TPA (15.0 million TPA ROM Iron Ore + dry crushing & Screening of 1.5million TPA of low grade Iron ore from old stacks & dump +2.8 Million TPA waste)in the mine lease area of 147.10 Ha located at villages Sanindpur & Oraghat, Tehsil- Koida, District-Sundargarh.
2. **Category:** As per the EIA Notification dated 14<sup>th</sup> September 2006 and its subsequent amendments the proposed project falls under category B of Schedule in item 1 (a) – mining of minerals.
3. **TOR details:** Terms of Reference Letter issued by MoEF&CC vide Letter no. J-11015/37/2021-IA. II (M) dated 02.07.2021.
4. **Public hearing details:** Public Hearing was conducted on 09.11.2021 at Open ground near Hanuman temple at Oraghat village under Koira block of Sundargarh District, Odisha.
5. **List of Statutory Clearances obtained earlier -**
  - a) Environmental Clearance has been granted to the existing project by MoEF&CC vide letter No. J-11015/107/2018-IA. II (M) dated 11.09. 2019 for production of 8.06 million tonnes of Iron ore which includes 7.0 million tonnes of ROM Iron ore from mines excavation &



## Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023

1.06 million tonnes of low-grade Iron ore/mineral reject from old dumps including wet beneficiation plant of throughput capacity of 1.44 MTPA granted earlier.

- b) The mines has obtained Consent to Operate from SPCB, Odisha valid upto 31.03.2025.
  - c) The mining lease was granted in favour of the Rungta Sons Pvt. Ltd. and executed for 20 years w.e.f. 06/09/1985 to 05/09/2005. In pursuance to section 8-A (6) of MMDR Amendment Act, 2015, the mining lease period has been extended up to 05.09.2035 by execution of a Supplementary Lease Deed on 14.07.2016, over an area of 147.10 hectare.
  - d) Approval of modification of review of Mining Plan with progressive mine closure plan for the proposed production has been approved by the Indian Bureau of Mines vide letter no. BBS/SNG/IRON-BXT/2176/MRMP/2022-23/452 dated 24.08.2022 valid upto 31.03.2025.
  - e) The mine has already obtained surface water drawl permission from river Suna Nadi for 0.48 cusec per day vide agreement no 13, dated 16.08.2023 which is valid up to 31.03.2026 and applied for withdrawal of 0.4443 cusec of water in the second phase on 31.08.2023.
  - f) The Mine has obtained NOC from the Ministry of Water resources, River Development and Ganga Rejuvenation, Govt. of India for ground water withdrawal of 250 KLD for drinking and domestic purpose which was valid till 17.03.2023 and renewal application has been filed in due date.
6. **Location and connectivity:** Sanindpur Iron & Bauxite Mines is coming under village Sanindpur of Koira Tehsil in Sundargarh District. The project falls under Survey of India bearing **Topo sheet no.73G/5**. Nearby village to the lease area is Sanindpur (2km) and Oraghat village which is 1 km away. The nearest railhead is at Barsuan of S.E.Railways and is 27 km away. Barbil is nearest railway station at distance of 33 KM. Airport under operation near the area are Bhubaneswar-300 km, Ranchi-220 km & Jamshedpur-172 km. Nearest river is Sunanadi which is 700m away and a power transmission passing through the eastern boundary of lease area. Distance of SH/NH road is 8km away which is NH-520. There are some major reserve forests such as Mendhamaruni, Siddhmata, Khesra, Kathmal, Karo, Patmunda, Kajhurdihi and Lakhraghat within the 10 km area from the lease boundary.

**Geo – coordinates-** Coordinates of the Corner Points of Lease Boundary.

Boundary pillar	Latitude	Longitude
A	21 <sup>o</sup> 55'51.55" N	85 <sup>o</sup> 17'19.47" E
B	21 <sup>o</sup> 55'45.32" N	85 <sup>o</sup> 17'19.75" E
D	21 <sup>o</sup> 55'18.11" N	85 <sup>o</sup> 18'09.61" E
G	21 <sup>o</sup> 55'33.48" N	85 <sup>o</sup> 18'28.51" E
I	21 <sup>o</sup> 55'54.91" N	85 <sup>o</sup> 18'29.94" E

7. Total lease area of Sanindpur Iron and Bauxite Mine is 147.10 Ha, out of which 126.324 Ha is forest land and 20.776 Ha is non-forest land. The Stage-II forest clearance has been obtained in three phases;
- In first phase, 52.742 Ha forest land has been granted FC vide letter No.8-135/2003-Fe dated 19.06.2006.
  - In second phase, 15.393 ha forest land has been granted FC vide letter No.8-135/ 2003-FC (vol.) dated 24.10.2013.

In the 3rd phase, the balance 58.189 ha forest land has been accorded Stage-II forest clearance vide letter No.8-135/2003-FC (VOL. I) dated 26.11.2020.

8. **Baseline study conducted:** Environmental monitoring was carried out for base line data generation during March to May, 2021 for 3 Months. Micrometeorology, Ambient air quality, Water quality, Noise level, Soil quality, Socio-economic & Biodiversity study was carried out within 10 km radius of the lease area.
- Ambient Air monitoring:** -Ambient Air Quality was monitored at eight sampling stations. All the 12 air quality parameters were coming within the range as specified by CPCB. PM<sub>10</sub> is within range of 86.15  $\mu\text{g}/\text{m}^3$  to 51.30  $\mu\text{g}/\text{m}^3$ , PM<sub>2.5</sub> is within range of 54.00  $\mu\text{g}/\text{m}^3$  to 28.70  $\mu\text{g}/\text{m}^3$ , SO<sub>2</sub> is within range of 19.86  $\mu\text{g}/\text{m}^3$  to 9.14  $\mu\text{g}/\text{m}^3$  and NO<sub>2</sub> is within range of 32.87  $\mu\text{g}/\text{m}^3$  to 15.80  $\mu\text{g}/\text{m}^3$ .
  - Water quality monitoring:** The water quality monitoring was done at 7 locations within study area of lease. Out of 7 samples collected from different locations 3 were from surface water and 4 samples were from ground water/ drinking water. The analysis result shows all the parameters are well within the prescribed limit of IS: 10500 & IS: 2296 (Class C)
  - Ambient Noise monitoring:** Ambient noise level Within Lease (N-1& N-2) were found to be 64.5 & 65.2 dB(A) in day time and 60.30 & 61.20 dB(A) in night time respectively. All the values are well within the prescribed limit of 75 and 70 dB(A), for industrial area in day and night time respectively. At Bada Indpur (N-3), Sargigarh village(N-4), Gharburhani Village(N-5), Sagasahi village (N-6), Deoghar village(N-7) and Mandajorha village(N-8) the noise levels were also within the prescribed limit 55 dB(A) & 45 dB(A) for residential area in day and night time respectively.
  - Soil monitoring:** Soil samples were collected at 4 locations namely within lease (S1), Sankhapara (S2), Sagasahi (S3) and Malda (S4). The pH of soil is normal ranging from 6.66 to 6.86, average nitrogen values were in low to medium range (185.0-212.0 kg/ha), average potassium values in the range of low to Medium (32.20-62.60 kg/ha). However, the average phosphorus values were found to be high (81.34-116.0 kg/ha).
9. **Water requirement:** Water requirement is estimated to be increased from 1327 KLD (Ground water 150 KLD, Surface water 1178 KLD) to 3379 KLD (Ground water 250 KLD, Surface water 3129 KLD). The mine unit has obtained NOC from CGWA for withdrawal of 250 KLD ground water for domestic purposes. Regarding process, Dust suppression, green belt & others water will be sourced from Kundra Nallah/Sona Nallah. The proponent has made an agreement with Water Resources department, Govt. of Odisha for withdrawal of 1178 KLD surface water which is valid up to 18.02.2026. The proponent has applied to Water Resources Department, Govt. of Odisha for additional 1087 KLD surface water. The rest water will be taken from rain water collected in mine pit along with seepage water combinedly. The proponent has obtained NOC for ground water withdrawal for 250 KLD from CGWA which was valid up to 17.03.2023. The renewal of NOC has been applied online on 17.03.2023.
10. **Wastewater details:** There is no process waste water discharge from the mine. There is no discharge of waste water from wet beneficiation plant as water generated from concentrate thickener and product thickener. However, during monsoon run off water is generated for which water is collected from different strategic potential catchment area and collected in storage structures made at strategic location.



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

1. The mine has a common colony which is being used by Sanindpur Iron & Bauxite Mines and Oraghat Iron Ore mines. At present, two STPs of capacity 200 KLD and 150 KLD has already been installed and in operation for treatment of domestic waste water. Further one additional STP (MBBR based) of capacity 300 KLD is already in commissioned and operation will start soon.
12. **Rainwater harvesting details:** A rainwater harvesting pit of total capacity 65300m<sup>3</sup> have been made inside the mining lease area following CGWB guidelines.
13. **Mining Plan Details:**
  - a) **Details of Minerals:** Mineable reserves of quantity 122.92 Million Tonnes (Another 6.6 million tonnes of low grade iron ore is available as old dumps/stacks).
  - b) **Method of Mining:** Fully mechanized open cast method of mining will be adopted with production capacity of 16.5 million TPA Iron ore per annum. At present mining operation is at an RL of 580 m which will go up to RL of 541 m at the end of plan period i.e. in the year 2024-25 and 478 m in the conceptual period. The conventional opencast mining is adopted with deep hole drilling & blasting with 110 mm dia. wagon drill, excavation by excavator & dumper combination of capacity 3.2m<sup>3</sup> and 35 MT. The maximum depth of drill holes will be 10 m including one meter subgrade mineral reject drilling. Loader of capacity 2.1m<sup>3</sup> are used for loading purposes and Controlled blasting with delay detonators, proper blast design, precaution to avoid air blast etc.
  - c) **Transportation:** Both ore & OB/waste will be transported by dumpers of capacity up to 40MT. Ore will be dispatched to nearby railway siding by 30 MT dumpers. Sometimes, ore will be transported to buyer's destination by truck also.
  - d) **Details of crushers/screen/beneficiation plant if any with capacity and numbers, water requirement for the project, plantation details, green belt details:** Mobile Screening Plants of capacity 27x300 TPH, 6x200 TPH and 18x250 TPH Mobile crushing & Screening sets combination (18x250 TPH Primary+ 18x250 TPH Secondary+ 18x250 TPH Screening unit), Mobile crushing & Screening sets combination of 3x150 TPH (3x150 TPH Primary crusher+ 3x150 TPH Secondary crushing & screening unit attached) and 2X250TPH wet beneficiation plant are included. Environmental Clearance has already obtained for the 2x250 TPH wet beneficiation plant.

Plants	Present Capacity	Additional Proposed Under Expansion	Final Combination as per approved mining plan
Operation of Mobile Screening Plants	7x200 TPH, 10x300 TPH	17x300 TPH	27x300 TPH 6x200 TPH (Existing 1x200 TPH screening unit will be removed)
Mobile crushing unit Screening combination Type-1	2x170 TPH (2x170 TPH Primary crusher+ 2x170 TPH Secondary crusher+2x170	18x250 TPH (18x250 TPH primary+18x250 TPH Secondary+	18x250 TPH (18x250 TPH primary+18x250 TPH Secondary+ 18x250 TPH screening plant) <b>(2x170 TPH sets will be removed)</b>



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

	TPH Screening plants)	18x250 TPH screening units)	
Mobile crushing unit Screening combination Type-2	3x90 TPH (3x90 TPH Primary crusher+ 3x90 TPH Secondary crusher with in-built screen	3x150 TPH (3x150 TPH primary crusher+ 3x150 TPH secondary crusher with inbuilt screen	3x150 TPH (3x150 TPH primary crusher+ 3x150 TPH secondary crusher with inbuilt screen <b>(3x90 TPH will be removed)</b>
Mobile crushing unit Screening combination Type-3	4x170 TPH (4x170 TPH Primary crusher+ 4x170 TPH Secondary crusher+4x90 TPH secondary crusher with inbuilt screen)	-	<b>(4x170 TPH sets will be removed)</b>
Operation of wet beneficiation plant	1x250 TPH (0.72 MTPA)	-	2x250 TPH wet beneficiation plant for which NOC has been issued on dated 23.02.2019 vide letter no 2002 IND-II- CTE 6274
<p>Total nos. of minerals handling plants:            Screening plants= 51 nos.            Crushing Plants: Primary Jaw crusher 3x 150 TPH; Secondary cone crusher with inbuilt- screen 3x150 TPH; Primary Jaw crusher 18x250 TPH; Secondary cone crusher 18x 250 TPH;  <b>Total nos. of mineral handling plants= 51+ 42= 93 nos.</b></p>			

- c) **Number of top soil dumps with area and capacity, no of waste/reject dump with area and capacity during the plan period and at the conceptual stage, backfilling plan if any:** The top soil does not exist, hence no top soil management envisaged. In the mines there are 2 dumps (Dump B & D) Dump-B is a stabilized dump and progressive removal of this dump is under process whereas Dump D is an active dump. All dumps are surrounded by retaining wall & garland drain followed the settling pond. The inactive dump slopes are covered by plantation & coir matting. During proposed plan period dump B will be rehandled through screening/Crushing. Dump-D is an active dump. Dump-E is proposed for dumping. Necessary protective measures are proposed to be taken around the waste Dump-D. A total of 5.6 million tonne of waste will be generated during 2023-24 to 2024-25. It is anticipated that 8706546 m<sup>3</sup> of waste and 630000m<sup>3</sup> dry slime will be generated up to the end of life of the mine. Approximately 5069057m<sup>3</sup> waste materials of this mine will be dumped and balance 3637489m<sup>3</sup> quantity of the waste material will be used for backfilling of exhausted quarry.

- f) **Land use as per mining plan at the end of plan period and at conceptual stage:**

<b>LAND USE</b>
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**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

Sl. No.	Head	At present (Ha.)	At the end of SOM Period (Ha.)	At the end of Conceptual period (Ha.)
a)	Area to be Excavated	46.62	118.79	118.79
b)	Storage for top soil	0.14	0	00
c)	Overburden/Dump	13.23	10.79	10.79
d)	Mineral Storage	5.34	5.08	5.08
e)	Infrastructure	2.1	1.18	1.18
f)	Roads	1.7	0.35	0.35
g)	Green belt + Plantation	7.0	4.99	4.99
h)	Tailing Pond + wet beneficiation plant	5.92	5.92	5.92
i)	Effluent treatment Plant	0.1	0	0
j)	Mineral separation Plant	4.868	0	0
k)	camp area	0.6	0	0
l)	Others	0.55	0	0
m)	Unutilized land	58.932	0	0
<b>Total</b>		<b>147.1</b>	<b>147.1</b>	<b>147.1</b>

14. **Power Requirement & solar power details:** The electricity is supplied to the project by WESCO through 8 nos. transformers of total capacity 18815 KVA. For wet beneficiation plant, 01 transformer with total capacity of 5MW is already installed. 4 nos. of generator of capacity 50 KVA (2 nos.) & 140 KVA (2 nos.) are available. There is additional requirement of 6 generators of capacity varying from 50 to 1250 KVA (320 KVA (1 no.), 500 KVA (2 nos.), 1250 KVA (1 no.) and 50 KVA (2 nos.). Solar power support system of 30 KW in the mine office and camp area has been already installed.

15. **Solid waste generation:** At present 18.54 million Ton of waste is dumped at different dumps. A total of 7.64 million tonne of waste shall be generated during the remaining plan period. Total 4032101 m<sup>3</sup> of waste material is available in the existing dumps. It is anticipated that 8706546 m<sup>3</sup> of waste and 630000 m<sup>3</sup> dry slime will be generated up to the end of life of the mine.

16. **Mitigation of Solid waste produced:** There are 2 dumps (Dump B & D) Dump-B is a stabilized dump and progressive removal of this dump is under process whereas Dump D is an active dump. All dumps are surrounded by retaining wall & garland drain followed the settling pond. The inactive dump slopes are covered by plantation & coir matting. During proposed plan period dump B will be rehandled through screening/Crushing. Dump-D is an active dump. Dump-E is proposed for dumping. Necessary protective measures are proposed to be taken around the waste Dump-D.

Waste Dump Protection Measures		
Item	Dump-B	Dump D
Retaining wall	803m	1160m
Garland drain	825m	1140m
Settling pond	1no. (Double chamber)	1no. (Double Chamber)
Dump slope plantation	50000 nos.	15000
Coir matting	4.0 ha (Slope)	3.5 ha (slope)



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

Water sprinkler (Static)	Dead terrace of dump-B	-
Miya-waki plantation	3000nos.	-

17. **Greenbelt Development:** Total plantation done up to 2020-21 are 57900 nos. At present 7.0 ha of lease area is covered under green belt and vacant area plantation where 17500 nos. of saplings have been planted species are Siris (Albizia lebbeck), Gamhari (Gmelina arborea), Karanj (Pongamia pinnata), Neem (Azadirachta indica), Sissoo (Dalbergia sissoo), Simarouba (Simarouba glauca), Babul (Acacia nilotica), Amla (Embllica officinalis). Apart from this, 40400 nos. of saplings have also been planted on inactive part of existing waste Dump over 16.16 ha within the mine. Plantation is already done safety zone and periphery of tailing pond as well as on inactive & matured part of waste dumps.

18. **Total Employment:** Presently direct average employment is 522 persons and after proposed

Total plantation proposed during the period 2023-24 to 2025-26			
Year	Proposed Nos. of Saplings	Location of plantation	Area covered (ha)
<b>Proposed Plantation</b>			
2023-24	10000	DUMP-B (southern side) Dump slope area with casual replacement as required.	3.0
2024-25	10000	DUMP-B (southern side) Dump slope area with casual replacement as required.	3.0
2025-26	4475	Dump D and proposed dump E.	1.79
<b>Total</b>	<b>24475</b>		<b>7.79</b>

production enhancement the direct average employment potential will be 471. Total employment will be 993 nos.


19. **Project Cost:** Estimated Capital cost for the project is 300 crores. The capital cost of EMP is 10.98 crores (Capital cost already made on EMP is 9.18 crores & Capital cost to be made on EMP is 1.80 crores). Expenditure made under CSR cost in the year 2022-2023 is Rs. 671241120 and the budget for the year 2023-24 is Rs. 19107000 which is under progress

20. One Complaint Case bearing 2(C) C Case No.54/2013 has been filed in the court of SDJM, Bonai, Sundargarh, U/s. Sec.15 of the Environment (Protection) Act, 1986. The said case has been quashed by the Hon'ble High Court of Orissa on 16.02.2023

21. **Environment Consultant:** The Environment consultant M/s Ecomen Laboratories Pvt Ltd, Lucknow along with the proponent made a presentation on the proposal before the Committee.

2. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 13.10.2023 and after detailed discussion, the SEAC recommended the proposal for EC with following specific conditions.

- i) The project proponent shall maintain adequate greenbelt in the lease area.
- ii) OB dump sites shall be managed properly as proposed.
- iii) The additional fines generated due to proposed enhancement shall be managed properly.
- iv) Tailings generated from the Beneficiation process shall be managed as proposed.
- v) Proper Air Pollution Control measures shall be provided to control dust emission and local dust generation.

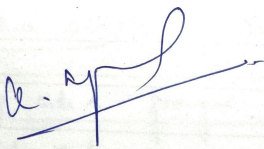
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- vi) Both dust suppression and extraction system shall be provided in the crushing and screening units to control fugitive emission.
  - vii) The project proponent shall obtain permission from the concerned authority for usage of surface water.
  - viii) The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as required under the Provision of the MMDR Act, 1957 and Rules/ Guidelines made there under. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned Regional Office of the Ministry of Environment, Forest and Climate Change for record and verification.
  - ix) Traffic management shall be done as per recommendation of Traffic Management Study Report duly vetted by institute of repute.
  - x) As a part of six-monthly compliance, the PP shall submit the status of Tailing Pond and its annual make-up to ascertain its capacity to take care of expansion in production including mineralogical & chemical analysis of excavated ore, dump materials and rejects. Also, actual layout after expansion may be submitted as a part of six-monthly compliance to the SEIAA, Odisha and Regional Office, MoEF&CC, Govt. of India, Bhubaneswar.
  - xi) Adequate measures shall be adopted for management of noise, vibration and fly rocks.
  - xii) Bench and dump slopes are to be designed and maintained so that their failure is avoided.

**Decision of Authority: Approved**

The Authority considered the submission made by PP in connection with EIA /EMP, NEERI guideline on SOTM and recent EC issued by MoEF&CC, GOI vide EC Identification No. EC23A001OR111761 dated 17.07.2023 for Guali Iron Ore Mining Project of Odisha Mining Corporation Ltd. (OMC).

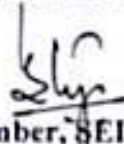
After detailed discussion the Authority decided to grant EC with following specific stipulation.

1. The revised EMP with budgetary allocation of capital cost of Rs.5.0 crore and recurring cost of Rs. 2.01 /- crores shall be implemented by the PP.
2. The project proponent shall ensure the compliance of Suggested Ore Transport Mode (SOTM) with association of the State Government of Odisha. All existing mines should ensure adoption of SOTM within next 5 years. New mines or mines seeking expansion should incorporate provision of SOTM in the beginning itself, and should have system in place within next 5 years.
3. The mining activity in Joda-Koira sector is expected to continue for another 100 years, therefore, it will be desirable to develop proper rail network in the region. Rail transport shall not only be pollution free mode but also will be much economical option for iron ore transport. The rail network and/or conveyor belt system up to public railway siding needs to be created. The total length of the conveyor belt system/rail network to be developed from mines to nearest railway sidings by 11 mines in Joda region is estimated to be about 64 km. Similarly, in Koira region, total length of rail network / conveyor system for 8 mines (under SOTM 1 & 2) is estimated to be around 95 km. Further, it is suggested to develop a rail network connecting Banspani (Joda region) and Roxy railway sidings in Koira region.
4. The Department of Steel & Mines, Govt. of Odisha and concerned mines along with Indian Railways. Time Period Maximum 7 years. The Department of Steel and Mines, Govt. of Odisha should follow up with the concerned departments and railways so that proposed proper rail network is in place at the earliest.

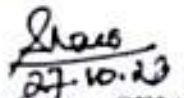


**Member Secretary, SEIAA**

**APPROVED BY**



**Member, SEIAA**



**Chairman, SEIAA**





## Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023

AGENDA NO.140.02	
Proposal No.	SIA/OR/MIN/442970/2023
Date of application	04.09.2023
File no.	442970/596-MINB2/09-2023
Project Type	Proposal for ToR
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for ToR of Diatan Decorative Stone Mine over an area of 20.95 Acres or 8.478 Hectares at village Diatan under Titilagarh Tahasil of Balangir District, Odisha of Sri Chunilal Agrawal
Name of the company/Organization	Sri Chunilal Agrawal
Location of Project	village Diatan under Titilagarh Tahasil of Balangir District, Odisha
ToR Date	N/A
Name of the Consultant	M/s Green circle Inc.

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

1. 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 EIA Notification, 2006 and amendment thereafter.
2. This proposal is for Terms of Reference for Environmental Clearance for Diatan Decorative Stone Mine over an area of 20.95 Acres or 8.478 Hectares at village Diatan under Titilagarh Tahasil of Balangir District, Odisha of Sri Chunilal Agrawal.
3. **Category:** As per the EIA Notification S.O. 1533, dated 14<sup>th</sup> September 2006 and subsequent amendments, this proposed project falls under Category B (B1 >5.0 Ha).
4. The Mining Plan approved vide letter no. 3274 dt. 17.04.2019 by Directorate of Mines, Odisha, Bhubaneswar with Progressive Mine Closure Plan has been approved by Additional Director of Mines, O/o-Directorate of Mines, Odisha, Bhubaneswar vide letter no. MXXII-(b)13/2021-9638 dated 08.12.2021.
5. The applied Mining lease area is over 20.95 acres or 8.478 hectares in village Diatan Under Titilagarh Tahasil of Balangir district, Odisha of Sri Chunilal Agrawal for a period of 20 (twenty) years. The tenure of the lease period is scheduled to expire on 20.06.2036.
6. **Location and connectivity:** The Diatan mining lease area over 20.95 Acres or 8.478 hectares in village Diatan under Titilagarh Tahasil of Balangir District, Odisha. The granted M.L. area for decorative stone over 20.95 acres or 8.478 hectares is covered in the Survey of India Toposheet No. F44X4 (64 P/4), Scale: 1: 50,000 and bounded by Latitude 20° 12' 43.20" N to 20° 12' 55.10" N & Longitude 83° 02' 42.40" E to 83° 02' 57.30" E. The land use pattern of the mining lease area comes under the non-forest agricultural land (Abada Ajogya Anabadi), bearing Khata no: 145, Plot no:917. Highest altitude of 247 m and the lowest point is about 199 m. Nearest railway stations is Titilagarh Railway Station at an aerial distance of 13.5 Km. The lease area can be approached from SH:16 & NH: 59 at a distance of 4.5 Km & 12 Km respectively. Nearest Airport is Bhubaneswar Airport which is at a distance of 289 Km. Nearest River Embankment is 0.5 Km from the project site. Karlapat Wildlife Sanctuary at a distance 60 Km.

7. **Total reserves and production:** As estimated, the geological and mineable reserve of the proposed project is 458325 cum and 382500 cum respectively. The average rate of production of decorative stone during the proposed plan period is 2842 cum per annum. The life of the mine is 135 years.

**Table: Geological and Mineable Reserves**

Category	Geological Resource	Mineable Reserve
Proved	350225.00	335650.00
Probable	54050.00	46850.00
Possible	54050.00	-----
<b>Total</b>	<b>458325.00</b>	<b>382500.00</b>

**Proposed production Schedule**

Year	Volume of ROM(m <sup>3</sup> )	Marketable Ore(m <sup>3</sup> )
1 <sup>st</sup> Year	10665.00	2666.25
2 <sup>nd</sup> Year	11000.00	2750.00
3 <sup>rd</sup> Year	11376.00	2844.00
4 <sup>th</sup> Year	11800.00	2950.00
5 <sup>th</sup> Year	12000.00	3000.00
<b>Total</b>	<b>56841.00</b>	<b>14210.00</b>

8. **Method of Mining:** On account of exposed sheet type occurrence of granite as decorative stone, mining is essentially done by opencast and semi-mechanized method with the deployment of machines like jack hammer drill, compressor, wire saw cutter, Poclairn & tippers. Height & width of the benches will be kept at 3m. each. Overall quarry slope angle will be around 45° with the horizontal. The major activities in this quarry are removal of waste materials, block cutting & dressing, loading & transportation of blocks and waste disposal. A total volume 1530000.00cum of ROM, 1007950.00 cum of waste, 382500.00cum of saleable rock is proposed to be produced during the conceptual plan period.
9. **Bench geometry:** Height of the benches will be maintained at 3m. and width will be more than the height of the bench. Slope of the benches will be maintained at 90°. The overall slope of the benches will be less than 45° with the horizontal.
10. **Transportation:** The decorative stone blocks are to be extracted, loaded and transferred from a quarry face to the stone cutting shop/processing plant/port through trailers / trucks. Mineral rejects (off-standard blocks of irregular size, with cracks & unacceptable colour variation), rubble stone will be transported to the waste dump as waste / rejects. These are to be transported through tippers.
11. **Waste generation and management:** The generated waste will be periodically dumped over the proposed dump for the plan period an additional area of 3677 m<sup>2</sup> with an average height of 8 m having 1 terrace. However, the generated waste will be back filled from the southern end of the conceptual boundary after reaching the ultimate pit limit.

Year	Volume of waste (m <sup>3</sup> )
1 <sup>st</sup> Year	7998.75
2 <sup>nd</sup> Year	8250.00
3 <sup>rd</sup> Year	8532.00
4 <sup>th</sup> Year	8850.00



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

5 <sup>th</sup> Year	9000.00
<b>Total</b>	<b>42630.75</b>

**12. Water requirement and wastewater management:** Total water requirement for the project will be 18 KLD out of which 8 KLD will be required for drinking and domestic purpose and 5 KLD for dust suppression and 5 KLD for plantation purpose. Water will be sourced from the nearby villages through tanker. The domestic wastewater will be treated through soak pit via septic tank.

**13. Power requirement:** Diesel requirement of 6000 liters/month for operation of mining equipment and DG sets. Solar lights will be employed for day to day living purposes.

**14. Greenbelt:**

Year	Area(m <sup>2</sup> )	No. of saplings	Type of species	Location
1 <sup>st</sup> Year	815.20	130	Amla, Neem, Mango,	Along the M.L.
2 <sup>nd</sup> Year	815.20	130	Gamhari, Kasi,	Boundary
3 <sup>rd</sup> Year	815.20	130	Bahada, Jamun and	
4 <sup>th</sup> Year	815.20	131	Bamboo	
5 <sup>th</sup> Year	815.20	131		
<b>Total</b>	<b>4076</b>	<b>652</b>		

**15. Solid Waste Management:** The waste generated from mines shall be dumped in the proposed area earmarked in the plan. The materials shall be transported to the dumping site by tippers. The dump shall be built-in one terrace covering a height about 3 meters in total over an area of 0.701 hectares in the first five years. It will be built by advancing method. The ultimate dump slope will be maintained at 45<sup>o</sup> towards the garland drain outside the periphery of the dump followed by settling tanks to avoid wash offs. Moreover, dump slopes will also be utilized for plantation in order to prevent damage to the dumps by the surface run-off(rain) water. During the plan period over 0.669 ha of land in the north-eastern side of the M.L area is proposed for waste dump which will be stabilized, with plantation. Surface run-off water flowing from the dump will be allowed to filter through retaining wall and released water will pass through garland drain and settling tank. Quarry water will be channelized through peripheral drain and settling tank to release clean water.

**16. Manpower requirement:** A total of 32 workers will be employed in the proposed mine.

SL No.	Description	No. of Persons
<b>ADMINISTRATIVE STAFFS</b>		
1	Mines Manager (1 <sup>st</sup> /2 <sup>nd</sup> Class certificate of Competency)	1
2	Geologist (Part Time)	1
3	Mechanical Engineer-Part time	1
<b>Skilled Employees</b>		
4	Mining Mate	1
5	Quarry Supervisor	1
6	Compressor Operator	2
7	Excavator Operator	1
8	Jack Hammer Operator	2
9	Wire Saw Cutting Machine Operator	1
10	Hywa Driver	4
11	Water Tanker Driver	1
12	Compressor Helper	2
13	Excavator Helpers	1
14	Wire Saw Cutting Machine Helper	1



## Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023

15	LMV Driver	1
Un-Skilled Employees		
16	Watch Man	1
17	Office Peon	1
18	Hywa Helper	4
19	Water Tanker Helper	1
20	DG Operator	1
21	Mechanical Helper	1
<b>Total</b>		<b>32</b>

17. **Project cost:** The approximate cost of the project comes around 200 lakhs. The EMP budget incurs Capital Cost of Rs. 8.0Lakh and Recurring Cost of Rs. 7.2Lakh.
18. **Environment Consultant:** The Environment consultant **M/s Green Circle Inc. Vadodara** along with the proponent made a presentation on the proposal before the Committee.
2. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 13.10.2023 and after detailed discussion, the SEAC recommended the proposal for issues of both standard and below mentioned specific ToR.
- The project proponent shall furnish detailed Waste Management Plan.
  - The proponent shall furnish a copy of DSR as proof of the enlistment of the quarry.
  - The project proponent shall furnish the Silt Management study report.

### Decision of Authority: Approved

The Authority observed that the DSR has been approved by Collector, Bolangir on 20.12.2022 which is not in accordance with the direction of Hon'ble Supreme Court in C.A. No.3661-3662 of 2020 of in order dated 10.11.2021 in State of Bihar and Ors. Vrs Pawan Kumar and Ors.

After detailed discussion the Authority agreed to issue ToR with specific condition that the PP is required to submit DSR approved by competent authority before consideration of EC.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA



**AGENDA NO.140.03**

Proposal No.	SIA/OR/INFRA2/426093/2023
Date of application	17.08.2023
File no.	426093/20-INFRA2-V/08-2023
Project Type	Proposal for ToR
Category	B
Project/Activity including Schedule No.	8(a) Building & Construction Project
Name of the Project	Proposal for ToR of M/s. Vigyan Bharati Charitable Trust (Hi-Tech Medical College and Hospital) at Khata No. 111(Rakhit) & 113(Anabadi) over an Built-up area 92379 Sqm Rourkela, Dist Sundergarh of Sri Suresh Panigrahi - Violation ToR.
Name of the company/Organization	Sri Suresh Panigrahi (Authorized Person)
Location of Project	At Khata, Rourkela, Sundergarh, Odisha
ToR Date	N/A
Name of the Consultant	M/s P & M Solution

1. **Proposal in brief:** The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- i) This is a proposal of M/s. Vigyan Bharati Charitable Trust (Hi-Tech Medical College and Hospital) at Khata No. 111(Rakhit) & 113(Anabadi) over an Built-up area 92379 Sqm Rourkela, Dist Sundergarh of Sri Suresh Panigrahi - ToR.
  - ii) The hospital is already constructed and also obtained CTO from SPCB but is not issued in this case and the PP has applied the proposal in violation ToR.

2. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 01.09.2023 and after detailed discussion, the SEAC recommended to **de-list the proposal** as requested by the project proponent as there are some changes in the proposal has been submitted for Environmental Clearance.

**Decision of Authority: Reject**

After detailed deliberation the Authority agreed to the submission of SEAC recommendation to delist the proposal as the project proponent has requested before SEAC meeting that there are some changes required in the proposal.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

AGENDA NO.140.04	
Proposal No.	SIA/OR/MIN/441243/2023
Date of application	24.08.2022
File No.	441243/967-MINB2/08-2023
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 Pattiguda Stone Quarry Over an area of 9.125 acres or 3.692 ha at village Pattiguda Tahasil Sanakhemundi District Ganjam
Name of the company/Organization	Sri Santosh Bisoyi
Location of Project	village Pattiguda Tahasil Sanakhemundi District Ganjam
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 Pattiguda Stone Quarry Over an area of 9.125 acres or 3.692 ha at village Pattiguda Tahasil Sanakhemundi District Ganjam.
  - (ii) The mining area is a part of Survey of India Toposheet No. E45A17 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 Pattiguda Stone Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Sanakhemundi 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. 35BDCD63C1 dated 17.08.2023
  - (vii) Distance from nearest sanctuary/ESZ- Lakhari Valley WLS-6.0 Km
  - (viii) Whether the lease area coming in DLC report-No,
  - (ix) Whether the lease area reflecting in DSR-Yes
  - (x) Method of mining-Semi-mechanized
  - (xi) Distance from nearest road bridge-10.50 km, village road -0.45 km
  - (xii) Whether it is part of cluster -No
  - (xiii) Whether EC obtained earlier-Yes and the quarry operated from 2014 and lease expired on 31.03.2019 and after that the PP has obtained fresh EC from SEIAA, Odisha vide letter no.03/SEIAA dt, 07.01.2021 and EC transferd in favour of successful bidder vide letter no.1285/SEIAA dt. 05.05.2021 for last 5 years but quarry is not operated due to NGT case of O.A. 51/2022.
  - (xiv) Date of approval of mining plan- the Deputy Director of Geology, O/o of the Joint Director of Geology South Zone, Berhampur on 01.07.2020.
  - (xv) Production capacity per annum-2520 cum/annum (max.), total production in 5 years period-12600 cum, Geological reserve-1186628 cum and Mineable reserve-555946 cum.

**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

- (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) EMP Budget-Rs. 1.30 Lakh/annum
- (xviii) Any deficiencies/omission have been noticed in the above documents- Nil

2. The Proposal was placed in the SEAC meeting held on 07.09.2023, 08.09.2023 & 11.09.2023 and the SEAC recommended to grant EC valid from the date of EC accorded up to the lease period 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
  - Plantation programme to be completed within first two years and to be maintained in remaining years.
  - Depth of Mining as proposed should not be beyond 6m from the ground level.
  - Mitigation measures for flying Rock for safety be put in place.
  - Stone quarry project proponent need to maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.
  - The boundary area of the deposit as per the revised / updated DSR to be defined by geo coordinates based on DGPS survey superimposed on the cadastral map.
  - Construction of garland drains retaining wall and settling tank should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity.
  - Air quality monitoring shall be carried out thrice in a year. (season-wise).
  - Directions of Hon'ble NGT as applicable shall be complied in letter and spirit.

**Decision Of Authority: ADS**

The Authority observed that Hon'ble NGT in its order 01.09.2022 in OA No. 51/2021/EZ and OA No.90/2022/EZ has given direction to the State Govt. to take the criminal proceeding in the FIR dated 02.08.2021 to its logical conclusion which is awaited. In the absence of the final report on the FIR dated 02.08.2021, it is not possible to conclude the complicity of the PP or not regarding the unauthorised mining mentioned in the OAs.

The PP is required to submit the final report on the FIR dated 02.08.2021 for consideration of EC.

Further, the authority observed that the PP has filed a writ petition W.P.(C) No. 36204/2022 before Hon'ble High Court Orissa, Cuttack and the SEIAA, Odisha has already filed counter affidavit on 20.07.2023, Order of Hon'ble High Court in this matter is awaited.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA



## Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023

AGENDA NO.140.05	
Proposal No.	SIA/OR/MIN/ 303406/2023
Date of application	17.10.2023
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 Chandiposh Sand Bed over an area 12.00acres or 4.856Ha at village Chandiposh under tahasil Panposh Kuarmunda of district Sundargarh Odisha
Name of the company/Organization	Sri Mohan Kumar Agarwal
Location of Project	village Chandiposh under tahasil Panposh Kuarmunda of district Sundargarh Odisha

### 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 Chandiposh Sand Bed over an area 12.00acres or 4.856Ha at village Chandiposh under tahasil Panposh Kuarmunda of district Sundargarh Odisha.
- (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. 35C3340793 dated 08.09.2023
- (iii) The EC of Chandiposh Sand Bed over an area 12.00acres or 4.856Ha at village Chandiposh under tahasil Panposh Kuarmunda of district Sundargarh Odisha was in favour of Tahasildar, Kuarmunda vide SEIAA letter no./Identification No. 9547 dated 04.11.2020.
- (iv) Present status of quarry- working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Kuarmunda to Sri Mohan Agarwal, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 2282 dated 04.08.2023.
- (vii) This is a violation case as the quarry operated without transfer of EC accordingly, the PP has submitted the total project of Rs. 1,30,31,423/- and total turnover of Rs. 1,75,62,770/- through Chartered Accountant (CA) for extraction 15506 cum of sand from the said sand source.
- (viii) Submitted Replenishment study report.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

### Decision of Authority: Approved

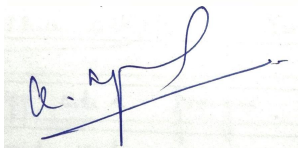
After detailed discussion, the Authority decided to allow transfer of EC of the said proposal as per the MoEF& CC, Govt. of India O.M. no. F. No. 22-21/2020-IA.III dated 07.07.2021 regarding Standard Operating Procedure (SOP) for identification and handling of violation cases under EIA Notification 2006 and in accordance with the order of Hon'ble National Green Tribunal subject to remittance of total penalty amount of **Rs.1,74,221/-** (i.e. 1% of the total project cost of Rs. 1,30,31,423/- + 0.25% of the



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

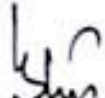
total turnover during violation period of Rs. 1,75,62,770/-) to State Pollution Control Board (SPCB), Odisha.

- i) 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.
- ii) The new lessee shall comply EC conditions issued earlier vide letter no. 9547 dated 04.11.2020 with the following additional conditions within 6(six) months:
  - a. **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.
  - b. **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](mailto:info.seiaaodisha@gmail.com).
  - c. **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.
  - d. **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.2,50,000/- with the respective District Environment Society for raising 500 plants of native species within 2 years in a suitable location adjoining to quarry.
  - e. **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.

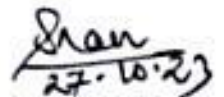


Member Secretary, SEIAA

APPROVED BY



Member, SEIAA



Chairman, SEIAA



## Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023

AGENDA NO.140.06	
Proposal No.	SIA/OR/MIN/ 304094/2023
Date of application	20.10.2023
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 Kamwada Stone Quarry over an area of 12.355 Acres or 5.00 Hectares in village Kamwada under Chitrakonda tahasil of Malkangiri district.
Name of the company/Organization	Sri Parameswar Sindri
Location of Project	village Kamwada under Chitrakonda tahasil of Malkangiri district

### 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 Kamwada Stone Quarry over an area of 12.355 Acres or 5.00 Hectares in village Kamwada under Chitrakonda tahasil of Malkangiri district.
- (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. 35C38247D6 dated 13.09.2023
- (iii) The EC of Kamwada Stone Quarry over an area of 12.355 Acres or 5.00 Hectares in village Kamwada under Chitrakonda tahasil of Malkangiri district was in favour of Tahasildar, Chitrakonda vide SEIAA letter no./Identification No. 2923 dated 28.09.2021.
- (iv) Present status of quarry- Non-working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Chitrakonda to Sri Parameswar Sindri, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 1921 dated 08.09.2023.
- (vii) 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 comply EC conditions issued earlier vide letter no. 2923 dated 28.09.2021 with the following additional conditions within 6(six) months:

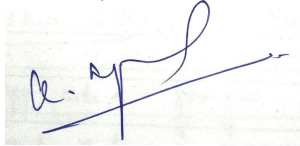
- a. **Boundary Demarcation:** - The boundary of the lease area shall be demarcated on ground at the project cost, by erecting 1.20 meter (4 feet approx.) high reinforced concrete pillars above ground, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates by any empanelled agency of ORSAC.
- b. **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](mailto:info.seiaaodisha@gmail.com).
- c. **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.
- d. **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



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

Department. The Project Proponent (lease holder) shall deposit Rs.2,50,000/- with the respective District Environment Society for raising 500 plants of native species within 2 years in a suitable location adjoining to quarry.

- c. **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.

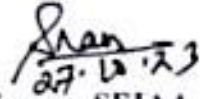


Member Secretary, SEIAA

APPROVED BY



Member, SEIAA



Chairman, SEIAA

**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**



AGENDA NO.140.07	
Proposal No.	SIA/OR/MIN/293771/2022
Date of application	13.02.2023
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 Uparudar Stone Quarry over an area of 7.00 Acres or 2.832 Hectares in village Uparudar under Loisinga tahasil of Balangir district.
Name of the company/Organization	Sri Dharendra Kumar Patel S/o-Chandramani Patel At-Pandrani, Po-Loisingha, Dist-Balangir
Location of Project	Odisha

**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 Uparudar Stone Quarry over an area of 7.00 Acres or 2.832 Hectares in village Uparudar under Loisinga tahasil of Balangir district.
- (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. 337B169211 dated 08.11.2022
- (iii) The EC of Uparudar Stone Quarry over an area of 7.00 Acres or 2.832 Hectares in village Uparudar under Loisinga tahasil of Balangir district was in favour of Tahasildar, Loisinga vide SEIAA letter no./Identification No 1597/SEIAA dated 01.07.2021.
- (iv) Present status of quarry- operating conditions
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Loisinga to Sri Dharendra Kumar Patel, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 1537 dated 06.08.2022.
- (vii) The Tahasildar vide his letter no. 231 dated 13.02.2023 mentioned that quarry is not working now but in the KML file it appears that quarry is in operating conditions and one crusher also install near the quarry.

The Proposal was placed in 109<sup>th</sup> SEIAA meeting held on 22.02.2023, 23.02.2023 & 24.02.2023 and the Authority observed that the time series google earth image of the KML file for the period December 2022 reveals that quarrying activity has been done in the lease area whereas the Tahasildar has mentioned that the quarry is in non-operating condition which is contradictory.

After detail deliberation, the Authority decided that the Sub-Collector, Balangir may be requested to carry out the site inspection and submit a detailed report regarding the quantity of material extracted without transfer of EC and valuation of quantity of extraction carried out in the site. If, extraction of material has already taken place, then it is required to submit the following:

- (a) A certified report from the Chartered Accountant (CA) regarding the total project cost incurred up to the date of filling the application and
- (b) Total turnover during the period of operation of the quarry.

- (viii) The Sub-Collector has submitted clarification sought by SEIAA, Odsha on dt. 20.03.2023

**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

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

Whether SEAC recommended the proposal – N/A

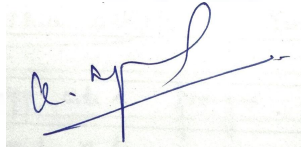
**Decision Of Authority: Approved**

The authority perused the report dt. 11.10.2023 of Sub Collector Bolangir mentioned that "No fresh extraction of stone material is there and the quarry is in non-operational condition. The quarrying activities has only been done from period 2015-16 to 2019-20 prior to the Transfer of EC".

Further, the report mentioned that during 2015-16 to 2019-20, 11232 cum of material have been extracted from the quarry as against total approved quantity of 10125 cum, amounting to unauthorised mining of 107 cum.

After detailed discussion the authority allowed to grant EC with specific condition that the Tahasildar Loisingha shall take legal action on the unauthorized mining of 107 cum and report compliance within a period six months.

The same shall be uploaded by the PP in half yearly compliance report in the Parivesh Portal.




Member Secretary, SEIAA

APPROVED BY



Member, SEIAA



Chairman, SEIAA

**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

**AGENDA NO.140.08**

Proposal No.	SIA/OR/MIN/ 301864/2023
Date of application	19.10.2023
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 Banjar-3 Stone Quarry over an area of 2.00 Acres or 0.809 Ha, at village-Banjari, Tahasil-Deogarh, Dist-Deogarh, Odisha.
Name of the company/Organization	Sri Nihar Ranjan Patel, Partner M/s. Satyabati Stone Works
Location of Project	village-Banjari, Tahasil-Deogarh, Dist-Deogarh, Odisha

**Proposal in brief:**

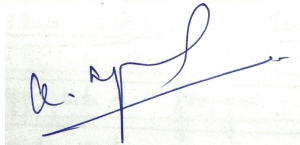
The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEIAA, are given as under.

- (i) This is a proposal Transfer of EC of Banjar-3 Stone Quarry over an area of 2.00 Acres or 0.809 Ha, at village-Banjari, Tahasil-Deogarh, Dist-Deogarh, Odisha.
- (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. 35B709F4E4 dated 04.07.2023
- (iii) The EC of Banjar-3 Stone Quarry over an area of 2.00 Acres or 0.809 Ha, at village-Banjari, Tahasil-Deogarh, Dist-Deogarh, Odisha was in favour of Tahasildar, Deogarh vide SEIAA letter no./Identification No. EC22B001OR186061 dt. 27.12.2022.
- (iv) Present status of quarry- Non-working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Deogarh to Sri Nihar Ranjan Patel, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 2165 dated 01.05.2023.
- (vii) The PP has submitted compliance of EC condition point no. 7.1 to 7.6 of Part-B in Page no. 04 of EC letter No. EC22B001OR186061 dt. 27.12.2022.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

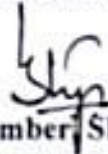
**Decision of Authority: Approved**

After detailed deliberation the Authority allowed to transfer of EC in favour of the successful bidder and the new lessee shall comply earlier EC conditions.

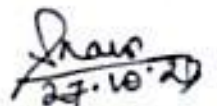


Member Secretary, SEIAA

APPROVED BY



Member, SEIAA



Chairman, SEIAA



## Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023

### AGENDA NO.140.09

Proposal No.	SIA/OR/MIN/ 293963/2022
Date of application	19.10.2023
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 Sapsilet Sand Bed over an area of 12.20 Acres or 4.937 Hectares in village Sapsilet under Kalahandi tahasil of Kalahandi district.
Name of the company/Organization	Smt. Reena Sahu
Location of Project	village Sapsilet under Kalahandi tahasil of Kalahandi district

#### 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 Sapsilet Sand Bed over an area of 12.20 Acres or 4.937 Hectares in village Sapsilet under Kalahandi tahasil of Kalahandi district.
- (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. 337B54D3F7 dated 12.11.2022
- (iii) The EC of Sapsilet Sand Bed over an area of 12.20 Acres or 4.937 Hectares in village Sapsilet under Kalahandi tahasil of Kalahandi district was in favour of Tahasildar, Kalahandi vide SEIAA letter no./Identification No. 568/SEIAA dt. 15.02.2021.
- (iv) Present status of quarry- working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Kalahandi to Smt. Reena Sahu, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 4299 dated 30.09.2022.
- (vii) This is a violation case based on the MoEF & CC SOP dt. 07.07.2021 as PP has operated the source without transfer of EC. Accordingly, the PP has submitted total project cost of Rs. 25,18,933/- and total turnover of Rs. 6,34,240/- through Chartered Accountant (CA) for extraction of 1982 cum of sand from the source.
- (viii) As per our EDS dt. 16.08.2023, the Tahasildar, Kalahandi has clarified vide letter no. 3944 dt. 19.10.2023 that the PP will submit replenishment study report this year and river bridge present within 50m to 100 m from the is a local bridge so, no issue for the location as per guidelines.
- (ix) Any deficiencies/omission have been noticed in the above documents- Not submitted replenishment study report

Whether SEAC recommended the proposal – N/A

#### Decision of Authority: ADS

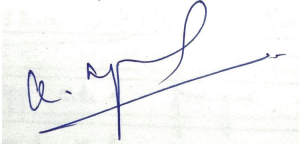
After detailed deliberation the Authority decided to seek following information/ documents:

1. The PP shall remit total penalty amount of **Rs.26,775/-** (i.e. 1% of the total project cost of Rs. 25,18,933/- + 0.25% of the total turnover during violation period of Rs. 6,34,240/-) to State Pollution Control Board (SPCB), Odisha 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

**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

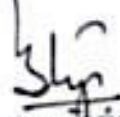
handling of violation cases under EIA Notification 2006 and in accordance with the order of Hon'ble National Green Tribunal.

2. The PP shall submit the NOC from the Authority who is the owner of the river bridge adjacent to the lease area through the Tahasildar, Kalahandi.
3. The PP shall submit an undertaking that no mining operation shall be done within 200 meters from the river bridge as proposed in the mining plan through Tahasildar.

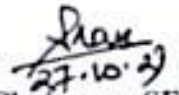


Member Secretary, SEIAA

APPROVED BY



Member, SEIAA



Chairman, SEIAA



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

**AGENDA NO.140.10**

Proposal No.	SIA/OR/MIN/ 305608/2023
Date of application	12.10.2023
Project Type	Transfer of EC
Category	B2 but in cluster it is coming under B1-category
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Transfer of EC of Padampuri Stone Quarry-6 over an area of 1.214Ha. or 3.00 Acres At- Padampuri, Tahasil/Dist.- Nuapada Under Clustrer Approach
Name of the company/Organization	Sri Abhinandan Panda
Location of Project	At- Padampuri, Tahasil/Dist.- Nuapada

**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 Padampuri Stone Quarry-6 over an area of 1.214Ha. or 3.00 Acres At- Padampuri, Tahasil/Dist.- Nuapada Under Clustrer Approach.
- (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. 35C9659742 dated 12.10.2023
- (iii) The EC of Padampuri Stone Quarry-6 over an area of 1.214Ha. or 3.00 Acres At- Padampuri, Tahasil/Dist.- Nuapada Under Clustrer Approach was in favour of Tahasildar, Nuapada vide SEIAA letter no./Identification No. EC23B001OR155443 dt. 17.01.2023.
- (iv) Present status of quarry- Non-working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Nuapada to Sri Abhinandan Panda, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. Nil dated 28.08.2023.
- (vii) The PP has submitted compliance of EC condition point no. 7.1 to 7.6 of Part-B in Page no. 04 of EC letter No. EC23B001OR155443 dt. 17.01.2023.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

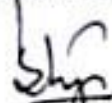
**Decision of Authority: Approved**

After detailed deliberation the Authority allowed to transfer of EC in favour of the successful bidder and the new lessee shall comply earlier EC conditions.

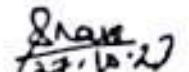


Member Secretary, SEIAA

APPROVED BY



Member, SEIAA



Chairman, SEIAA



<b>AGENDA NO.140.11</b>	
Proposal No.	SIA/OR/MIN/ 302994/2023
Date of application	01.09.2023
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 Karlasoda Stone Quarry-II over an area of 3.00 acres or 1.214 Hectares in village Karlasode under Kalahandi tahasil of Kalahandi district.
Name of the company/Organization	Sri Ashish Agrawal
Location of Project	village Karlasode under Kalahandi tahasil of Kalahandi district

**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 Karlasoda Stone Quarry-II over an area of 3.00 acres or 1.214 Hectares in village Karlasode under Kalahandi tahasil of Kalahandi district.
- (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. 337B54D47Edated 12.11.2022
- (iii) The EC of Karlasoda Stone Quarry-II over an area of 3.00 acres or 1.214 Hectares in village Karlasode under Kalahandi tahasil of Kalahandi district was in favour of Tahasildar, Kalahandi vide SEIAA letter no./Identification No. 823/SEIAA dt. 09.03.2021.
- (iv) Present status of quarry- working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Kalahandi to Sri Ashish Agrawal, (highest bidder/lessee) with attaching Tahasildar forwarding letter vide letter no. 4299 dated 30.09.2022.
- (vii) This is a violation case based on the MoEF & CC SOP dt. 07.07.2021 as PP has operated the source without transfer of EC. Accordingly, the PP has submitted total project cost of Rs. 93,75,726/- and total turnover of Rs. 14,59,200/- through Chartered Accountant (CA) for extraction of 3840 cum of sand from the source.
- (viii) Any deficiencies/omission have been noticed in the above documents- In the KML file it appear that quarry is not operated inside the demarcated lease area but outside the lease closed to the crusher unit.

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.97,405/-** (i.e. 1% of the total project cost of Rs.93,75,726/- + 0.25% of the total turnover during violation period of Rs. 14,59,200/-) to State Pollution Control Board (SPCB), Odisha.



## Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023

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

- ii) The new lessee shall comply EC conditions issued earlier vide letter no. 823/SEIAA dt. 09.03.2021 with the following additional conditions within 6(six) months:
- 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.
  - 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](mailto:info.seiaaodisha@gmail.com).
  - 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.
  - 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.
  - 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.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA



<b>AGENDA NO.140.12</b>	
Proposal No.	SIA/OR/MIN/299132/2023
Date of application	08.06.2023
File no.	SEIAA-1452/02-2021
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Birupa River Sand, Batitanki over an area of 12.00 CAres or 4.86 Ha at viillage-Batitanki under Bari Tahasil of Jajpur district, Odisha
Name of the company/Organization	Sri Gagah Jena
Location of Project	viillage-Batitanki under Bari Tahasil of Jajpur district, Odisha
ToR Date	N/A
Name of the Consultant	N/A

**1. 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 amendment of EC of Birupa River Sand, Batitanki over an area of 12.00 acres or 4.86 Ha at viillage-Batitanki under Bari Tahasil of Jajpur district, Odisha.
- (iii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2415/SEIAA dated 31.08.2021 for Birupa River Sand, Batitanki over an area of 12.00 CAres or 4.86 Ha at viillage-Batitanki under Bari Tahasil of Jajpur district, Odisha.
- (iv) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 6541 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-5774 cum.
- (v) The SEIAA also granted EC for 1<sup>st</sup> year production **5000 cum** with depth of mining 0.5 meter.
- (vi) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15<sup>th</sup> October 2022 if satisfactory replenishment study report is not submitted."
- (vii) The PP has submitted EC compliance report and mentioned that **2000 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period.
- (viii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Sri Goutam Sahoo with mentioned that pre-monsoon mineable reserve is 24060 cum and post-monsoon reserve is 16842 and quantity of material replenished is 6666.66 cum and 2<sup>nd</sup> year proposed production is 4000 cum.
- (ix) Any deficiencies/omission have been noticed in the above documents-**Nil**

**2. Whether SEAC recommended the proposal –** The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 7<sup>th</sup>, 8<sup>th</sup> & 11<sup>th</sup> Sept, 2023 and after detailed discussion, the SEAC observations the following-

- i) Dates of Pre and Post Monsoon Survey are not mentioned.
- ii) Details of benchmarks by putting no. of pillar points and various Ground Control Points at the site not given.
- iii) Details of comparison of both pre and post monsoon elevation data not given.



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

iv) As per table 7 of the study (Reserve assessed in the Software) Pre monsoon mineable reserve is 24060 cum and post monsoon mineable reserve is 16842 cum. Also, in another table titled as Comparison of Reserve details -Mineable Reserve in cum after taking all safety measures is 24060 cum in Pre monsoon and 6666.66 cum in post monsoon. Hence there is net loss of sand as per Replenishment study.

Therefore, this case is not recommended.

**Decision of Authority: ADS**

After detailed deliberation in the matter, the Authority accepted the recommendation of SEAC that there is net loss of sand as per replenishment study. The PP is required to submit afresh the replenishment study report keeping in view the observations of SEAC and submit the ARSS report by an ORSAC empanelled agency.

Member Secretary, SEIAA

APPROVED BY

Member SEIAA

Chairman, SEIAA



## Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023

AGENDA NO.140.13	
Proposal No.	SIA/OR/MIN/301825/2023
Date of application	22.08.2023
File no.	SEIAA-1044/12-2020
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Dondo Mahanadi River Sand Quarry over an area of 12.355 acres or 5.00 hectares in village Dondo under Kishannagar Tahasil in Cuttack District, Odisha.
Name of the company/Organization	Sri Bansidhar Swain
Location of Project	village Dondo under Kishannagar Tahasil in Cuttack District, Odisha
ToR Date	N/A
Name of the Consultant	N/A

### 1. 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 amendment of EC of Dondo Mahanadi River Sand Quarry over an area of 12.355 acres or 5.00 hectares in village Dondo under Kishannagar Tahasil in Cuttack District, Odisha.
- (iii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 1335/SEIAA dated 19.05.2021 for Dondo Mahanadi River Sand Quarry over an area of 12.355 acres or 5.00 hectares in village Dondo under Kishannagar Tahasil in Cuttack District, Odisha.
- (iv) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 23789 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-6000 cum.
- (v) The SEIAA also granted EC for 1<sup>st</sup> year production **6000 cum** with depth of mining 0.5 meter.
- (vi) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 31<sup>st</sup> December 2022 if satisfactory replenishment study report is not submitted."
- (vii) The PP has submitted EC compliance report and mentioned that **605 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period 27.10.2021 to 30.07.2023.
- (viii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Sri Goutam Sahoo with mentioned that pre-monsoon mineable reserve is 21432 cum and post-monsoon reserve is 29708 and quantity of material replenished is 6000 cum and 2<sup>nd</sup> year proposed production is 6000 cum.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

2. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 7<sup>th</sup>, 8<sup>th</sup> & 11<sup>th</sup> Sept, 2023 and after detailed discussion, the SEAC observations the following-



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

SEIAA may take decision for the proposal as Project Proponent has requested to allow sand mining in the proposed quarry for 1<sup>st</sup> year as per approved mining plan. Moreover, Project Proponent has committed to submit the Satisfied Annual Replenishment study report through ORSAC empaneled agency as asked by SEIAA before March 2024.

**Decision of Authority: Approved**

After detailed deliberation in the matter, the Authority decided to allow amendment in EC with the following specific condition:

- Maximum quantity of extraction of sand shall be **5395 cum (6000 cum - 650 cum of sand extracted in the 1<sup>st</sup> year)** in the 2<sup>nd</sup> year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency by March, 2024.
- The validity of EC for 2<sup>nd</sup> year is subjected to validity of DSR or validity of lease period, whichever is earlier.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA

**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**



<b>AGENDA NO.140.14</b>	
Proposal No.	SIA/OR/MIN/302609/2023
Date of application	07.08.2023
File no.	SEIAA-1362/02-2021
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Galadari Devi River Sand Quarry over an area of 10.00 acres or 4.04 hectares in village Galadari under Naugaon Tahasil in Jagatsinghpur District Odisha
Name of the company/Organization	Sri Akshaya Mohanty
Location of Project	village Galadari under Naugaon Tahasil in Jagatsinghpur District Odisha
ToR Date	N/A
Name of the Consultant	N/A

**1. 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 amendment of EC of Galadari Devi River Sand Quarry over an area of 10.00 acres or 4.04 hectares in village Galadari under Naugaon Tahasil in Jagatsinghpur District Odisha.
- (iii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2176/SEIAA dated 10.08.2021 for Galadari Devi River Sand Quarry over an area of 10.00 acres or 4.04 hectares in village Galadari under Naugaon Tahasil in Jagatsinghpur District Odisha.
- (iv) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 81000 cum with depth of sand deposition was 2.5 meter and proposed for annual extraction-9720 cum.
- (v) The SEIAA also granted EC for 1<sup>st</sup> year production **9500 cum** with depth of mining 0.75 meter.
- (vi) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15<sup>th</sup> October 2022 if satisfactory replenishment study report is not submitted."
- (vii) The PP has submitted EC compliance report and mentioned that **6469 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period 21.04.2022 to 04.01.2023.
- (viii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Sri Pravat Sahoo with mentioned that pre-monsoon mineable reserve is 9820 cum and post-monsoon reserve is 4371.5 and quantity of material replenished is 2622.9 cum and 2<sup>nd</sup> year proposed production is 2622.9 cum.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

**2. Whether SEAC recommended the proposal –** The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 7<sup>th</sup>, 8<sup>th</sup> & 11<sup>th</sup> Sept, 2023 and after detailed discussion, the SEAC observations the following-





**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

- (i) Pre-monsoon study date and method is mentioned differently at different places in the study report (8.6.22 at some places and 15.7 22 at other places. Also, methodology is mentioned as Volumetric method at some places and Drone survey at other places.)
- (ii) As per estimation of reserve there is net loss of sand from 5892 cum in pre monsoon period to 2622.9 cum in post monsoon period with corresponding hight reducing from 1 meter in pre monsoon to 0.7 meter in post monsoon.

Therefore, this case is not recommended.

**Decision of Authority: ADS**

After detailed deliberation in the matter, the Authority accepted the recommendation of SEAC that there is net loss of sand as per replenishment study. The PP is required to submit afresh the replenishment study report keeping in view the observations of SEAC and submit the ARSS report by an ORSAC empanelled agency.

**Member Secretary, SEIAA**

**APPROVED BY**

**Member, SEIAA**

**Chairman, SEIAA**



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

<b>AGENDA NO.140.15</b>	
Proposal No.	SIA/OR/MIN/302680/2023
Date of application	29.07.2023
File no.	2814/SEIAA
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Mukundpur II Baitarini River Sand Quarry over an area of 12.00 AC or 4.86 Ha at village Mukundpur, Tahsil Vysanagar Dist-Jajpur
Name of the company/Organization	Sri Manas Ranjan Nayak
Location of Project	village Mukundpur, Tahsil Vysanagar Dist-Jajpur
ToR Date	N/A
Name of the Consultant	N/A

**1. 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 amendment of EC of Mukundpur II Baitarini River Sand Quarry over an area of 12.00 AC or 4.86 Ha at village Mukundpur, Tahsil Vysanagar Dist-Jajpur.
- (iii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2814/SEIAA dated 22.09.2021 for Mukundpur II Baitarini River Sand Quarry over an area of 12.00 AC or 4.86 Ha at village Mukundpur, Tahsil Vysanagar Dist-Jajpur.
- (iv) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 19520 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-10040 cum.
- (v) The SEIAA also granted EC for 1<sup>st</sup> year production **10040 cum** with depth of mining 1.0 meter.
- (vi) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15<sup>th</sup> December 2022 if satisfactory replenishment study report is not submitted."
- (vii) The PP has submitted EC compliance report and mentioned that **8098 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period 11.01.2022 to 15.12.2022.
- (viii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Sri Satyaranjan Mohanty with mentioned that pre-monsoon mineable reserve is 10880 cum and post-monsoon reserve is 5116 and quantity of material replenished is 5461 cum and 2<sup>nd</sup> year proposed production is 5462 cum.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

**2. Whether SEAC recommended the proposal –** The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 7<sup>th</sup>, 8<sup>th</sup> & 11<sup>th</sup> Sept, 2023 and after detailed discussion, the SEAC observations the following-

**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**


The SEAC observed that the Pre and Post monsoon replenishment studies have been carried out by two different methods. It is recommended to carry out the replenishment study of both the seasons by a single method.

Hence, the replenishment study report is not acceptable. Fresh replenishment study report may be submitted to consider the proposal.

**Decision of Authority: Approved**

After detailed deliberation in the matter, the Authority decided to accept the SEAC recommendation and rejected the replenishment study report as it is not done as per MoEF & CC guidelines. In absence of replenishment study report the amendment in EC is allowed in adhoc manner with the following specific condition:

- Maximum quantity of extraction of sand shall be **1942 cum (i.e. 10040 cum - 8098 cum of sand extracted in the 1<sup>st</sup> year)** in the 2<sup>nd</sup> year as per SEAC recommendation. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency by March, 2024.
- The validity of EC for 2<sup>nd</sup> year is subjected to validity of DSR or validity of lease period, whichever is earlier.



Member Secretary, SEIAA

APPROVED BY



Member, SEIAA



Chairman, SEIAA  
27.10.23



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

<b>AGENDA NO.140.16</b>	
Proposal No.	SIA/OR/MIN/302797/2023
Date of application	12.08.2023
File no.	SEIAA-788/10-2020
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Marthapur Sand Quarry- I over an area of 12.10 Acre or 4.89 Ha under Bhuban Tahasil of Dhenkanal District Odisha
Name of the company/Organization	Sri Sukumar Mishra
Location of Project	village Marthapur, Tahasil-Bhuban, Dist-Dhenkanal
ToR Date	N/A
Name of the Consultant	N/A

**1. 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 amendment of EC of Marthapur Sand Quarry- I over an area of 12.10 Acre or 4.89 Ha under Bhuban Tahasil of Dhenkanal District Odisha.
- (iii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 9898/SEIAA dated 22.09.2021 for Marthapur Sand Quarry- I over an area of 12.10 Acre or 4.89 Ha under Bhuban Tahasil of Dhenkanal District Odisha.
- (iv) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 48312 cum with depth of sand deposition was 1.25 meter and proposed for annual extraction-10000 cum.
- (v) The SEIAA also granted EC for 1<sup>st</sup> year production **10000 cum** with depth of mining 1.25 meter.
- (vi) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15<sup>th</sup> December 2022 if satisfactory replenishment study report is not submitted."
- (vii) The PP has submitted EC compliance report and mentioned that **9991 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period 2022-23.
- (viii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Sri S. K. Panda with mentioned that pre-monsoon mineable reserve is 36512 cum and post-monsoon reserve is 46112 and quantity of material replenished is 46112 cum and 2<sup>nd</sup> year proposed production is 10000 cum.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

**2. Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 7<sup>th</sup>, 8<sup>th</sup> & 11<sup>th</sup> Sept, 2023 and after detailed discussion, the SEAC observations the following-

- (i) The sketch map showing Pre & Post monsoon study (as uploaded in PARIVESH portal) indicates presence of water. But the satellite image does not show water within demarcated lease area.
- (ii) The common safe area calculation has not been assessed.

**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

- (iii) KML file & details of compliance to EMP as sought for in EDS are not available.
- (iv) There is a mention of 10000 cum per annum for 2<sup>nd</sup> year onwards at sl 6.0 (last para) of replenishment study report which appears to be not correct.
- (v) There is no study images of drone survey attached to the replenishment study report.

Hence, the replenishment study report is not acceptable. Fresh replenishment study report may be submitted to consider the proposal.

**Decision of Authority: Approved**

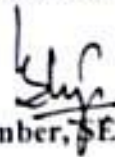
After detailed deliberation in the matter, the Authority decided to accept the SEAC recommendation and rejected the replenishment study report as it is not done as per MoEF & CC guidelines. In absence of replenishment study report the amendment in EC is allowed in adhoc manner with the following specific condition:

- Maximum quantity of extraction of sand shall be **4000 cum (i.e. 25% of 1<sup>st</sup> year allowed quantity in EC is 10000 cum)** in the 2<sup>nd</sup> year as per SEAC recommendation. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency by March, 2024.
- The validity of EC for 2<sup>nd</sup> year is subjected to validity of DSR or validity of lease period, whichever is earlier.

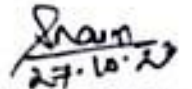


Member Secretary, SEIAA

APPROVED BY



Member, SEIAA



Chairman, SEIAA



AGENDA NO.140.17	
Proposal No.	SIA/OR/MIN/303344/2023
Date of application	12.08.2023
File no.	SEIAA-146/05-2020
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Erendra Sand Quarry over an area of 10.37 acres or 4.196 Ha at village-Erendra, Tahasil-Sanakhemundi, Dist-Ganjam
Name of the company/Organization	Sri Bulu Jena
Location of Project	village-Erendra, Tahasil-Sanakhemundi, Dist-Ganjam
ToR Date	N/A
Name of the Consultant	N/A

**1. 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 amendment of EC of Erendra Sand Quarry over an area of 10.37 acres or 4.196 Ha at village-Erendra, Tahasil-Sanakhemundi, Dist-Ganjam.
- (iii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 10355/SEIAA dated 17.12.2020 for Erendra Sand Quarry over an area of 10.37 acres or 4.196 Ha at village-Erendra, Tahasil-Sanakhemundi, Dist-Ganjam.
- (iv) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 29412 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-1530 cum.
- (v) The SEIAA also granted EC for 1<sup>st</sup> year production **1530 cum** with depth of mining 1.0 meter.
- (vi) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15<sup>th</sup> November 2021 if satisfactory replenishment study report is not submitted."
- (vii) The PP has submitted EC compliance report and mentioned that **1100 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period 2021.
- (viii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Sri Amaresh Rath with mentioned that pre-monsoon standard elevation is 44.46m and post-monsoon standard elevation 45.16 m and quantity of material replenished is 13452 cum and 2<sup>nd</sup> year proposed production is 1530 cum.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

**2. Whether SEAC recommended the proposal –** The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 7<sup>th</sup>, 8<sup>th</sup> & 11<sup>th</sup> Sept, 2023 and after detailed discussion, the SEAC observations the following-

- (i) 13452 cum estimated replenished volume of sand established by drone survey.
- (ii) No dates have been mentioned for the replenishment survey carried out by the consultant during the pre and post monsoon period. The report only mentions the period of carrying



## Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023

out pre and post monsoon survey that is May & June 2022 and November & December 2022 respectively.

- (iii) Photographs of the ML site with date and time stamp of pre and post monsoon survey days have not been given.
- (iv) The consultant Mines Lab Services Pvt. Ltd., Bima Nagar 1st Line, Near Ambapua, Berhampur, Dist: Ganjam. PIN-760010 is not mentioned in the final list of empaneled vendors / agencies authorized by ORSAC to undertake DGPS/ETS geospatial survey. (Ref. Office order No. ORSAC/PROJ/0580/2021(P)836 dated 24th February 2023).

The replenishment study procedure doesn't comply as per the guidelines stipulated by MOEFCC. From the survey it is not possible to ascertain the quantity of sand mined by the project proponent during SEIAA authorized period of one year. Section 5.1 Generic structure of replenishment study of Enforcement & Monitoring Guidelines for Sand Mining, Ministry of Environment, Forest and Climate change, January, 2020, stipulates survey methodology to ascertain quantity of sand mined during post monsoon period as well as replenished during the monsoon.

### Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to accept the SEAC recommendation and rejected the replenishment study report as it is not done as per MoEF & CC guidelines. In absence of replenishment study report the amendment in EC is allowed in adhoc manner with the following specific condition:

- Maximum quantity of extraction of sand shall be **430 cum (i.e. 1530 cum - 1100 cum of sand extracted in the 1<sup>st</sup> year)** in the 2<sup>nd</sup> year as per SEAC recommendation. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency by March, 2024.
- The validity of EC for 2<sup>nd</sup> year is subjected to validity of DSR or validity of lease period, whichever is earlier.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA



**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

<b>AGENDA NO.140.18</b>	
Proposal No.	SIA/OR/MIN/303165/2023
Date of application	18.08.2023
File no.	SIA/OR/MIN/237546/2021
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Dhanija Sand Quarry over an area of 12.00 acres or 4.856 Ha at village- Dhanija, Tahasil-Aska, Dist-Ganjam
Name of the company/Organization	Sri Santosh Kumar Behera
Location of Project	village-Erendra, Tahasil-Sanakhemundi, Dist-Ganjam
ToR Date	N/A
Name of the Consultant	N/A

**1. 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 amendment of EC of Dhanija Sand Quarry over an area of 12.00 acres or 4.856 Ha at village- Dhanija, Tahasil-Aska, Dist-Ganjam.
- (iii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2946/SEIAA dated 28.09.2021 for Dhanija Sand Quarry over an area of 12.00 acres or 4.856 Ha at village- Dhanija, Tahasil-Aska, Dist-Ganjam.
- (iv) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 55776 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-10000 cum.
- (v) The SEIAA also granted EC for 1<sup>st</sup> year production **10000 cum** with depth of mining 1.0 meter.
- (vi) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15<sup>th</sup> December 2022 if satisfactory replenishment study report is not submitted."
- (vii) The PP has submitted EC compliance report and mentioned that **5000 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period 2021.
- (viii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Sri Amaresh Rath with mentioned that pre-monsoon standard elevation is 45.83 m and post-monsoon standard elevation 46.54 m and quantity of material replenished is 19888 cum and 2<sup>nd</sup> year proposed production is 5000 cum.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

- 2. Whether SEAC recommended the proposal –** The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 7<sup>th</sup>, 8<sup>th</sup> & 11<sup>th</sup> Sept, 2023 and after detailed discussion, the SEAC observations the following-





**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

- a. Contour map developed by DTM and attached in report shows 45m. level difference in pre and post monsoon period. (87m in post monsoon and 42m. on pre monsoon) Erratic mapping and presentation.
- b. Ground truthing not done.
- c. Section not compared.
- d. Cross sectional depiction of sections not done for assessment of depositing part and eroding part. Average depth of deposition can be granted as correct in contrary to the guideline's stipulation.

Hence, the replenishment study report is not acceptable.

**Decision of Authority: Approved**

After detailed deliberation in the matter, the Authority decided to accept the SEAC recommendation and rejected the replenishment study report as it is not done as per MoEF & CC guidelines. In absence of replenishment study report the amendment in EC is allowed in adhoc manner with the following specific condition:

- Maximum quantity of extraction of sand shall be **5000 cum (i.e. 10000 cum - 5000 cum of sand extracted in the 1<sup>st</sup> year)** in the 2<sup>nd</sup> year as per SEAC recommendation. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency by March, 2024.
- The validity of EC for 2<sup>nd</sup> year is subjected to validity of DSR or validity of lease period, whichever is earlier.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA



## Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023

AGENDA NO.140.19	
Proposal No.	SIA/OR/MIN/303155/2023
Date of application	10.08.2023
File no.	SEIAA-1707/06-2021
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Jamunapal & Kumbhirmundi Sand Bed over an area of 12.35 acres or 5.00 hectares in Village Jamunapal & Kumbhirmundi, under Saraskana Tahasil in Mayurbhanj District, Odisha.
Name of the company/Organization	Sri Karttik Chandra Mohanty
Location of Project	Village Jamunapal & Kumbhirmundi, under Saraskana Tahasil in Mayurbhanj District, Odisha
ToR Date	N/A
Name of the Consultant	N/A

### I. 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 amendment of EC of Jamunapal & Kumbhirmundi Sand Bed over an area of 12.35 acres or 5.00 hectares in Village Jamunapal & Kumbhirmundi, under Saraskana Tahasil in Mayurbhanj District, Odisha.
- (iii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2929/SEIAA dated 28.09.2021 for Jamunapal & Kumbhirmundi Sand Bed over an area of 12.35 acres or 5.00 hectares in Village Jamunapal & Kumbhirmundi, under Saraskana Tahasil in Mayurbhanj District, Odisha.
- (iv) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 42130 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-42000 cum.
- (v) The SEIAA also granted EC for 1<sup>st</sup> year production **5000 cum** with depth of mining 0.5 meter.
- (vi) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15<sup>th</sup> December 2022 if satisfactory replenishment study report is not submitted."
- (vii) The PP has submitted EC compliance report and mentioned that **5000 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period 2021-22.
- (viii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by ORSAC empanel agency Sri Amresh Samantaray with mentioned that pre-monsoon mineable reserve is 70844.8 and post-monsoon mineable reserve is 71886.1 and quantity of material replenished is 1041.304 cum and 2<sup>nd</sup> year proposed production is 720 cum.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

**Minutes of 140<sup>th</sup> Meeting of SEIAA, Odisha Held on 26.10.2023 & 27.10.2023**

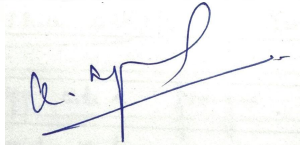
2. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 7<sup>th</sup>, 8<sup>th</sup> & 11<sup>th</sup> Sept, 2023 and after detailed discussion, the SEAC observations the following-

- (i) SWZ considered as 4.347ha. (87%) has no calculation in support. (in general, it is to be 60%)
- (ii) Estimated sand replenishment 720 cum. (51 truckloads in 14 cum truck) as submitted by project proponent against mining plan of 3000 cum.
- (iii) No record on support of sand deposit depth (1m, assumed in mining plan) with classification of grain size to ascertain it as sand, other than gravel and silt.
- (iv) Ground truthing is not done for accuracy.

Hence, the replenishment study report is not acceptable.

**Decision of Authority: Approved**

After detailed deliberation in the matter, the Authority decided that no further production is allowed in this case. The PP is required to submit revised ARRS by March, 2024 through ORSAC empanelled Agency.

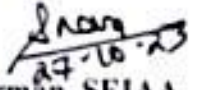


Member Secretary, SEIAA

APPROVED BY



Member, SEIAA



Chairman, SEIAA