

**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**



<b>AGENDA NO.135.01</b>	
Proposal No.	SlA/OR/MIN/421885/2023
Date of application	05.04.2023
File No.	421885/100-MINB1/04-2023
Project Type	Proposal for EC under violation category
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal of Environmental Clearance for Production of 90043 TPA Iron Ore in Respect of Nangalsila Iron Ore Mines Located in Village Nangalsila and Murumdihi over an area 45.333 Ha of Non-Forest Land under Kusumi Tahasil in Mayurbhanj District of Shri Gouri Shankar Choubey – EC Under Violation Category
Name of the company/Organization	Sri Gouri Shankar Choubey
Location of Project	Odisha
ToR Date	14.03.2022
Name of the Consultant	M/s Aseries Envirotek India 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 for production of 90043 TPA Iron Ore in respect of Nangalsila iron ore mines located in village Nangalsila and murumdihi over an area 45.333 ha of non-forest land under Kusumi Tahasil in Mayurbhanj District of Shri Gouri Shankar Choubey.
2. **Category:** The proposed project falls under Category 'B' [Sl. No 1(a) of Schedule: Mining of Minerals] of the list of project or activities requiring prior Environmental Clearance from MoEF&CC Notification dated 14th September, 2006 in connection with Environment (Protection) Rules 1986.
3. **TOR Details:** Terms of Reference (TOR) was granted by SEIAA, Odisha vide letter no 4200/SEIAA dated: 14.03.2022.
4. **Chronology of events of the project details:**
  - Mining Lease of **Nangalsila Iron Ore Mines** over 45.333 Ha. located in village Nangalsila & Murumdihi under Kusumi Tehsil, District- Mayurbhanj, Odisha for Iron ore was granted in favour of Sri Gouri Shankar Choubey by the Department of Steel & Mines, Government of Odisha vide proceeding No.6876 dated 07.06.1982 in terms of 20 years. The Deed of Mining lease was executed on 19.04.1985 with the State Government represented through the Collector, Mayurbhanj and registered on 18.07.1985 with the Sub-Register, Baripada. Surface right has been granted over 32.780 Ha by the Collector Mayurbhanj; Odisha vide letter dated 17.08.1985.
  - Keeping in view of expiry of the lease period the lessee was applied for 1st Renewal of Mining Lease (RML) over the same lease area of 45.931 Ha which inclusive of 0.174 Ha of village forest land and 0.424 Ha of non-forest revenue as well as private tenanted land under provisions of Rules 24A(1) of Mineral Concession Rules, 1960 for a period of further 20 years on 14.04.2004.
  - Scheme of Mining approved for 45.931 Ha by the Indian Bureau of Mines vide Letter No. BBS/MBJ/Fe/MP-284 dated 25.08.2006 for the period 2005-06 to 2009-10.
  - The lessee/project proponent had continued production with the earlier capacity up to the year 2008-09. under provisions of Rule 24A(6) of Mineral Concession Rules, 1960 i.e. Deemed extension provision. The Mining Officer, Baripada Circle, Baripada vide letter No.4837/Mines



dated 19.11.2009 has suspended mining operation/activities until getting all statutory clearances including environmental clearance. No violation was mentioned in the said notice.

In compliance to the instruction issued by the Mining Officer, Baripada Circle, the lessee was proposed to surrender the small patch of forest land over 0.174 Ha which was kept unused from any mining activity along with few non-working non-forest lands of 0.424 Ha which was not required for future mining work and occupied by the local villagers.

- The lessee was submitted revised RML application vide its letter dated 28.04.2011 to the Steel & Mines Department, Government of Odisha over the reduced area of 45.333 Ha non-forest land only by surrendering 0.598 Ha of non-working forest and non-forest land to keep the project commercially and technically viable.
- The lessee had submitted Final Mine Closure Plan for the part surrender area over 0.598 Ha inclusive of 0.174 Ha of unused village forest land out of the total ML area of 45.931 Ha. Final Mine Closure Plan of the part surrender of 0.598 Ha out of the total area 45.931 Ha duly approved by Indian Bureau of Mines vide letter No. FMCP/MAN/02-ORI/BHU/2011-12 dated 05.09.2011 under Rule 23 (C) of MCDR, 1988.
- Scheme of Mining along with Progressive Mine Closure Plan duly approved by the Indian Bureau of Mines vide letter No.SM/OTFM/27-ORI/BHU/2011-12 dated 28.10.2011 for the period 2010-11 to 2014-15.
- After satisfactorily complied the terms and conditions imposed in the approval letter dated 05.09.2011, officials from Indian Bureau of Mines was inspected the mine and certificate of FMCP for the approved area over 0.598 Ha under Rule 29A of MCR, 1960 has been issued by the Regional Controller, Indian Bureau of Mines, Bhubaneswar vide his Certificate No. T/FMCP/C/I/BHU-2011 dated 08.02.2012.
- During the pendency of the 1st RML application, the Government of India on 12.01.2015 announced promulgation of the ordinance for amendment in the Mines and Minerals (Development and Regulation) (MMDR) Act, 1957 and introduced new MMDR Amendment Act, 2015. As per the new amendment any lease granted before the commencement MMDR Act, 2015, shall be extended: (i) up to March 31, 2030 for minerals used for captive purpose (specific end-use) and up to March 31, 2020 for minerals used for other than captive purpose, or (ii) till the completion of renewal period, or (iii) for a period of 50 years from the date of grant of such lease, whichever is later. Accordingly, the lease of Nangalsila Iron Ore Mines is eligible for extension upto 50 years w.e.f. 19.04.1985 to 18.04.2035 under section 8A(3) of the MMDR Amendment Act, 2015.
- In the meanwhile, the Government of Odisha, through Department of Steel & Mines issued notice vide their order No.57111/S&M/III(A)SM-24/2013 dated 25.06.2015 in favor of the lessee declaring the mining lease of Nangalsila Iron Ore mines as "Lapsed" w.e.f. 18.11.2009 under provisions of Section 4A of the MMDR Act, 1957 read with the Rule 28(1) of MC rules, 1960.
- The said notice was challenged by the lessee before the Hon'ble Revisional Authority, Ministry Mines, New Delhi vide RA No.22/46/2015/RC-I dated 06.08.2015. Hon'ble Revisional Authority, Ministry Mines in their common order dated 11.05.2016 set aside the impugned order of lapsing and remanded back to the State Government for suitable reconsideration in-line with the Hon'ble Apex Court's direction dated 04.04.2016 passed in W.P.(C) No.114/2014 (Common Cause vrs Union of India) on the provisions of lapsing.
- Under direction of the Hon'ble Revisional Authority, the Department of Steel & Mines was called lessee to appeared before the Additional Secretary to Government, Department of Steel & Mines for personal hearing vide Notice No.1779/SM, Bhubaneswar dated 17.02.2020.
- After conducted personal hearing and based on representation submitted by the lessee the Steel & Mines Department, Government of Odisha passed an order vide its proceeding order No.8913/SM, Bhubaneswar dated 05.10.2021, wherein the Government after careful



consideration have been pleased to consider not to declare the mining lease of Nangalsila Iron Ore Mine of Sri Gouri Shankar Choubey as lapsed under sub-rule 6 of Rule 20 of Rule 20 of MCR, 2016. Further, recommended that resumption of the said mining lease is subject to obtaining statutory clearances and approval of renewal of 1st RML applied by the lessee.

In the meanwhile, the 1st RML application of Nangalsila Iron Ore Mines was placed in the 19th Meeting of Inter-Departmental Committee of Government of Odisha to consider extension of Mining Lease under section 8(A) of the MMDR Act, 1957 up to 50 years w.e.f. 19.04.1985 to 18.04.2035.

**5. Details of violation**

- The Lessee has produced in excess of approved limit of production under EC, Mining Plan and CTO. In this regard, the details of action initiated under Environment (Protection) Act, 1986.
- Further, in pursuant to order/judgement dated 02.08.2017 in W.P.(C). No.114/2014 (Common Cause Vs Union of India & Others), the Mining Officer, Baripada had issued demand notice to the lessee for payment of Rs.3,46,41,047/- towards compensation for the production of iron ore without/in excess of the EC Limit under section 21(5) of MMDR Act, 1957 by 31.12.2017.
- Subsequently, the Mining Officer, Baripada vide Notice No.3450 dated 20.12.2017 had issued a revised demand notice to the lessee to deposit Rs.2,91,58,813/- on ore before 31.12.2017 pursuance to para 225 of the order of the Supreme Court dated 02.08.2017.
- Against the such demand, the lessee has paid/deposited entire raised demand towards compensation with applicable interest due to delay in payment totaling to Rs.4,51,50,000/- and complied the order of the Hon'ble Apex Court in the Common Cause matter. In addition to the above, the lessee/project proponent has also made payment towards compensation amounting to Rs.6,51,500/- for which a separate demand notice was issued in violation of MP & CTO. The Director of Mines, Odisha, vide their letter No.5629 dated 23.07.2019 reported that during the period from 03.06.2019 to 02.07.2019, the Noticee/Lessee has deposited the entire demanded amount along with applicable interest.
- The lessee has submitted an affidavit, in compliance of the MoEF&CC, Government of India, O.M. No. F: 3-50/2017-IA.III (Pt.), dated 30.05.2018 on the judgment of Hon'ble Supreme Court, dated the 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India along with TOR application.

6. As the project is declared as a case of violation, the Project Proponent shall be submitting a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of Environmental Clearance after recommendation of the SEAC, Odisha and finalized by the regulatory authority i.e. SEIAA, Odisha. Total budgetary provision were made towards the implementation of natural community augmentation plan and shall be utilized within a period of three years (2023 to 2026) as given below:

SL.N O.	PROJECT HEAD	AMOUNT IN RS.
i)	Estimated cost on remediation plan based on the damage assessment due to violation	17,07,500.00
ii)	Cost estimate for natural resources augmentation plan and Community resources augmentation plan	2,55,000.00
iii)	Penalty due to violation	1,08,425.00
Total		20,70,925.00

7. Consent to establish (CTE) has been granted to the project by State Pollution Control Board, Odisha vide Letter No.2752/IND-II-CTE-6806 dated 23.02.2023 for production of 90,043 TPA (ROM)



through opencast semi mechanized method of mining along with installation of (1x60 TPH) crusher and 1x400 TPH Mobile Screening Plant inside the ML area over 45.333 Ha.

In compliance to the condition imposed in the deed of lease, the PP has obtained permission for surface operation from the Collector & District Magistrate, Mayurbhanj in 1985 over 32.870 Ha. The PP is paying surface rent on regular basis to the State Government through Mining Department. An amounting to Rs. 21,40,126/- paid towards SR & DR by the PP up to 1st HYE 2022.

9. **Location and Connectivity:** Nangalsila Iron Ore Mine features in Survey of India Topo-sheet No.73-J/4 and extends over an area of 45.333 hectares non-forest land is located in Villages Nangalsila and Murumdihi at P.S/ Tehsil- kusumi under Bamanghaty Sub-division of Mayurbhanj District. Bounded by Latitude: 22°09'23.58"N – 22°09'21.09"N and Longitude: 86°12'53.79" E – 86°12'57.21"E .The project site is well connected with various places of Odisha, Jharkhand and West Bengal through by Road and Rail network. Kuldhia- Nearest Railway siding and Railway Station-8Km Bisoi-Rairangpur State Highway-11km. NH-220- Rairangpur Dhenkikot-14 km, Bhubaneswar- Airport and Capital of Odisha-300km. Badampaharh R.F. 0.40 km SE, Karan Jharan Dhasra R.F. 0.80 km SE. Nearest major water bodies are Kadkai River 0.54 km NE direction from the lease area, Bankbal Reservoir 7.96 km ENE direction from the lease area, Bankbal Nadi 7.39 km NE direction from the lease area and One seasonal nala/stream starts from 307mRL in southern sector and flows down to through 303mRL in the northern sector.
10. The project site is located well beyond 10 KM from Simlipal Biosphere Reserve and Eco-Sensitive zone. The same is authenticated by the Divisional Forest Officer, Rairangpur vide letter No777/3F dated 10.02.2023. Further, No Schedule-I & II flora and Fauna exist within the 10KM of the lease area as per letter No. 1715/3F dated 04.04.2023 of DFO, Rairangpur division.
11. **Land Use:** The percent of total area under different land use/land cover category are presented below.

Land Use Pattern of the Study Area			
Sr. No.	Classes	Area in ha	Area in %
i)	Agriculture Area	25035.90	72.10
ii)	Settlements	2374.70	6.84
iii)	Grazing/ Community Land	1300.00	3.74
iv)	Surface Water Bodies	1111.70	3.20
v)	Forest	3601.00	10.37
vi)	Other	1300.00	3.74
<b>Total</b>		<b>34723.30</b>	<b>100.00</b>

12. **Size & Magnitude:** The project Nangalsila Iron Ore Mines has been projected to produce 90,043 TPA or 0.09 MIPA iron ore involving lease area 45.333 Ha. The method of mining will be opencast and by other than fully mechanized method. The operation will be done as per the proposal approved in the Review of Mining Plan duly approved by the Indian Bureau of Mines for the period 2020-21 to 2024-25.
13. **Topography and drainage:** The mining lease area of Nangalsila Iron Ores Mines displays a flat topography. Highest and lowest altitudes are noted at 300.5 m and 291.5 m above mean sea level. The maximum altitude difference is (300.5 – 291.5= 9m). M.L area consists of mainly waste land as well as agricultural field and bisected by nalla. Drainage system is dendritic type. The drainage system of the area is mostly influenced by nalla which passes through the lease area in SE to NW direction and controls the drainage system in the region.
14. **Reserve & Resource:** As per the approved mining plan, proved minable reserve is about 95,868 MT and remaining resource is about 1.2 million tons as per earlier mining plan. Considering the proved reserved category, it is proposed to produce 90,043 TPA during the proposal year. The operation of the mine has been suspended by MO, Baripada vide letter dated 11.08.2009 due to want of certain statutory clearances. In the meanwhile, PP has requested the department of steel & mines vide letter dated 04.05.2022 and department of steel and mines rejected the request of PP stating that the



exploration can be done only after execution of supplementary lease deed by obtaining all statutory clearances vide letter dated 22.06.2022. Therefore, it is proposed to explore the entire lease area up to G1 level exploration after opening of the mine and fresh reserve estimation will be done accordingly. Therefore, life of the mine will be positively increased upto 12 years.

15. **Method of Mining:** Opencast Other than fully mechanized (OTFM) method of mining will be adopted on 8 hourly shift basis. Excavator of 0.9m<sup>3</sup> capacity will be utilized for excavation & loading and 10 tones capacity tippers will be utilized for transportation of ore to the ore sorting & sizing yard and waste to the dumping site. Hard iron ore will be crushed using a 60 TPH crusher and entire iron ore produced will be screened in a 400tph screening plant. Saleable ore will be dispatched through trucks / train depending upon the location of consuming industries and logistic support. The mine will be operated as Category-A (OTFM) Mine as per MCDR, 2017.
16. **Waste and Over Burden:** During the plan period about 8,343m<sup>3</sup> of Top soil and 70,980m<sup>3</sup> of over burden and side burden (OB+SB) will be generated during the proposed plan period. An area measuring 0.278 Ha and 1.182 Ha has been earmarked for storage of top soil and over burden dump respectively. Overburden will be dumped at Dump No.3 with individual terrace height of 7.5 meters. Slope of the dump will be maintained at 37degree 30Minute. Retaining wall will be constructed around IB/Waste dump to retain the wash-off materials. Boulder and waste materials will be utilized for construction of retaining wall.
17. **Water requirement:** The water required is mainly for dust suppression, green belt development, drinking and other domestic purpose during mining operations. Water requirement for Domestic purpose, drinking purposes, dust suppression and water sprinkling purpose at the mine site shall be drawn from nearby bore wells& hired tanker for sprinklings. The total water requirement will be approx. 9.8 KLD will be sourced from borewell and water harvesting pond. NOC granted by the Central Ground Water Board, Authority for withdrawing 9.8 KLD water per day for mining & allied activity vide letter No. 21-4/3507/OR/MIN/2022 dated 29.03.2022.
18. **Power requirement:** The estimated power demand is ~10 KW for illumination, operation of weighbridge, surveillance system & water pumps. The power shall be drawn from the grid.
19. **Fuel requirement:** The mining activities will be carried out by opencast mechanized method, using diesel operated machinery. The mining operation will be done in single shift during day time only. The fuel (HSD) consumption in the mine operating at full capacity shall be 2.4 kl.
20. **Green Belt:** About 22,425 saplings has been proposed to be planted within a period of 3 years after commencement of mining operation. Out of which, about 7875 numbers of saplings will be planted in 3150m<sup>2</sup>/3.15 hectares of area along the Safety zone and other vacate site of ML area. Saplings will be planted at 2m spacing. Watering and manuring will be done periodically. Post plantation care such as soil working, pruning etc. will be conducted. Insecticides will be spread for pest control. Proper watch and ward will be there to save the trees from fire & grazing. Monitoring & Maintenance of the plantation site will be undertaken in such way that there will be at least 80% survival rate through casualty replacement. Species like Sisoo, Sisham, Neem, Pipal, Bargad, Khamer, Chirol, Setaaphal, Karanj, Babool, Kadamb, Amaltas, Ashoka, Aam, Gulmohar and available native fruit bearing species has been proposed to plant. The proposed planted scheduled is tabulated as follows:

SL.NO	YEAR	NUMBER OF PLANT
i)	1 <sup>st</sup> Year (2023-24)	7,475
ii)	2 <sup>nd</sup> Year (2024-25)	7,475
iii)	3 <sup>rd</sup> Year (2025-26)	7,475
Total		22,425





**Public Hearing Details** - Public hearing has been conducted on 19.08.2022 by the SPCB, Odisha as per provisions of EIA Notification 2006 and proceeding issued vide letter dated 19.09.2022. Issues raised by the participants are Development of Environment Protection, Employment to the local youth, Development of Education system, Development of Health system, Peripheral Development work to be undertaken nearby villages. Budget allocated amounting to Rs.5,50,000/- earmarked under different category towards implementation of the issued raised by the participants and commitment made by the Project Proponent. Peripheral development work will also be done as per the guidelines notified by the Government.

Sl. No.	PH based CER Activities	Amount in Rs.
i)	Economic contribution for cultural activities, sports, education, health care etc.	3,00,000.00
ii)	Construction of Boundary wall & White wash of primary school village Suleipat & Suleipat New Government High School, Provision for one computer with printer in primary school village Suleipat	2,50,000.00
iii)	Peripheral development (Rs. 4,00,000.00)	Already covered in EMP
<b>TOTAL</b>		<b>5,50,000.00</b>

22. **Baseline Study** - The baseline environmental study has been performed for the period of 1st December, 2021 to 28th February, 2022.

- Results of Soil Samples: The analysis results show that soil is basic in nature as pH value ranges from 5.15 to 6.55 with the concentration of Sodium (12.0mg/kg to 33.5 mg/kg and Potassium (107.5 kg/ha to 174.7 kg/ha.) has been found to be in good amount in the soil samples.
- Analysis results of Ground Water reveal the following: pH varies from to 6.50 to 6.70. Total Hardness varies from 60to 192mg/ L, Total Dissolved Solids varies from 80 to 410 mg/L.
- Analysis results of surface water reveal the following: pH varies from to 7.6 to 7.7. Total Hardness varies from 42 to 56 mg/L. Total Dissolved Solids varies from 44 to 72 mg/L. BOD varies from <2.0 to 2.5. COD varies from 5 to 10.
- Analysis of Air Quality reveals that: - PM<sub>10</sub> varies from 40.6 µg/m<sup>3</sup> to 67.9 µg/m<sup>3</sup>. All the observed values are well below 100 µg/m<sup>3</sup>. PM<sub>2.5</sub> varies from 21.8 µg/m<sup>3</sup> to 37.3 µg/m<sup>3</sup>. All the observed values are well below 60 µg/m<sup>3</sup>. Sulphur dioxide (SO<sub>2</sub>) varies from 4.3 µg/m<sup>3</sup> to 10 µg/m<sup>3</sup>. All the observed values are well below 80 µg/m<sup>3</sup>. Nitrogen (NO<sub>2</sub>) varies from 10.9 µg/m<sup>3</sup> to 18.4 µg/m<sup>3</sup>. All the observed values are well below 80 µg/m<sup>3</sup>. Carbon Monoxide (CO) varies from 0.33 mg/m<sup>3</sup> to 0.36 mg/m<sup>3</sup>. All the observed values are well below 2 mg/m<sup>3</sup>.
- Analysis of Noise levels reveals that: The day time Leq ranges from 38.5 dB (Min.) to 46.8 dB (Max). The night time Leq varies between 31.4 dB (Min.) to 36.7 dB (Max).

23. **Traffic Study Report** - Traffic study measurements were performed at NH 220 and SH-50. The traffic to and from the proposed site will be through this point. Traffic data collected continuously for 24 hours by visual observation and counting of vehicles under three categories, viz., heavy motor vehicles, light motor vehicles and two/three wheelers. Cumulative traffic Scenario and LOS of existing road as given below:

- Traffic load on SH-50 Road - Existing scenario
- Volume in PCU/day – 1136, Capacity in PCU/day – 2000
- Existing V/C Ratio – 0.56, LOS – C, Performance – Good



24. Proposed production capacity of Nangalsila Iron Ore Mine is 90,043 TPA. Average daily production is 246 MT. Despatch of the Iron ore will be done by rail through Kuldhia Railway siding located about 5 KM from the lease area.
25. **Manpower requirement:** The total manpower required for this proposed project is 111 in numbers.
26. **Project cost:** The proposed project cost is estimated to be approximately Rs 1.65 Crore. The fund estimated towards EMP is Rs. 31,48,500.00 as Capital Cost and Rs. 17,33,350.00 as Recurring Cost. Budget for CER Activities is Rs. 5,50,000.00.
27. The Environment consultant **M/s Aseries Envirotek India Pvt. Ltd, Lucknow (UP)-226008** along with the proponent made a presentation on the proposal before the Committee on dtd. 24.04.2023.
28. The SEAC in its meeting held on dated 24-04-2023 decided to take the decision on the proposal after receipt of the following from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
1.	Project proponent shall submit the real time video of the mining lease and the transportation route as per ToRs conditions.	Real time video (soft copy) showing mining lease and the transportation route is attached.	Real time video submitted.
2.	Copy of approval of DMG as per ToRs conditions.	Copy of DMG approval as per ToR condition is enclosed herewith and marked as <b>Annexure-1</b> and <b>Annexure-2</b> for your kind reference.	DGPS survey geo referenced retained map area and certified production chart from the 1993-94 to 2008-09 from DDM, Baripada circle submitted.
3.	Exact distance of the lease boundary from boundary of the Similipal Sanctuary and its Eco-Sensitive Zone duly certified by the concerned Tahasildar.	The lease area of Nangalsila Iron Ore Mines is located well beyond 10Km from the boundary of the Similipal Sanctuary and its Eco-Sensitive Zone. Exact distance of the lease boundary of Nangalsila Iron Ore Mine from the boundary of the Similipal Sanctuary and its Eco-Sensitive Zone duly certified by the Tahasildar Kusumi is enclosed herewith and marked as <b>Annexure-3</b> for your kind reference.	Tahasildar Kusumi, Badampahar certified exact distance of the lease boundary from boundary of the Similipal Sanctuary and its Eco-Sensitive Zone is 11.270km.



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4.	Kisam of land and supporting documents for conversion of Kissam of Land to Industrial Use.	As per the schedule of the land provided by the Revenue Department over 45.333 Ha. an area measuring 1.99 Ha. is recorded as Gochar land. The surface right permission has been granted by the Mining Department after recommendation of the Collector-cum-District Magistrate, Mayurbhanj over 32.780 Ha. excluding the Gochar land. Mining operation will be confined to Govt. waste land recorded as Abad Jogya Anabadi, Patharbani and Abad Ajogya Anabadi etc. and private tenanted land which are barren lands and not suitable for cultivation because of its low fertile and have difficult terrains such as hilly area. As per approved mining plan after exhausted of ore the waste land will be reclaimed by way of back filling and plantation. The private land will be restored by way of back filling and levelling and handed over to the land owner for agriculture/cultivation purpose. The land will be used only for excavation of Iron ore, no permanent Industry or infrastructure will be installed/set up in the lease hold area. Therefore, conversion of Kisam of land to Industrial use will not be required for present mining operation. In future, if required will follow the due procedure before use of the Gochar land.	Conversion of Kisam of Land to Industrial Use should be done before starting of Mining activity shall be remain as specific condition,
5.	Copy of surface right issued by the Collector-cum-District Magistrate.	Copy of the surface right permission granted over 32.780 hectares in respect of Nangalsila Iron Ore Mines vide letter dated 17.08.1985 is enclosed herewith and marked as Annexure-4 for your kind reference. We are paying surface rent on regular basis to the Mining Officer, Baripada Circle over 32.780 Ha. We have deposited amounting to Rs.7,46,134.00 towards surface rent in compliance to the demand notice No.599 dated 04.03.2022 issued by the Mining Officer, Baripada Circle.	Complied
6.	A report for quantity of silt generation and silt management along with the layout map.	The mine will be operated by adopting opencast semi-mechanized method as per the Review of Mining Plan duly approved by the Indian Bureau of Mines. Production capacity of the mine is 90,043 TPA only. Very negligible quantity of silt will be generated from the operation of this mine. Report for quality of silt generation and silt management along with the layout map is enclosed herewith and marked as <b>Annexure-5</b> for your kind reference.	Complied
7.	There is a natural nallah within the lease area. Detailed	There is one seasonal nallah is passing through the lease area. The said nallah should not be disturbed due to mining operation. The mitigation measures	complied



	<p>mitigation measures to be undertaken for protection of Natural Nallah. An undertaking shall be given that they shall not divert the natural nallah for mining purpose without permission from competent authority.</p>	<p>proposed to undertaken for protection of the natural nallah is as follows:</p> <ol style="list-style-type: none"> <li>1. Stone wall will be constructed along the both side of the nallah as and when required.</li> <li>2. Plantation as safety zone will be done at 7.5 meters width along the both side of the nallah to protect soil erosion.</li> <li>3. Run-off from the operational pits or over burden dump should prevented to avoid being discharged to the nallah.</li> <li>4. Runoff from the mine and waste dumps should be regulated by constructing check dams and garland drains.</li> <li>5. Mine drainage should be suitably treated to meet the prescribed standard and discharged in to water bodies and land.</li> </ol> <p>An undertaking to this effect not to divert the natural nallah for mining purpose without permission from the competent authority is enclosed herewith and marked as <b>Annexure-6</b> for your kind reference. In case of diversion; alignments with natural drainage should be made by constructing artificial drains.</p>	
<p>8.</p>	<p>Details of Surface Runoff Management and Treatment System.</p>	<p>Surface runoff management is one of the major and important parts of mine water management for water conservation purpose and to maintain desired effluents standards from mining activities. Problems caused by runoff and erosion include acid mine drainage, metal contamination, and increased sediment levels in streams.</p> <p>There is no perennial river or major surface water body exists in the mining lease area. Drainage in the core zone shall be regulated in a manner so that the pre-mining drainage pattern of the area can be maintained. The storm water drainage system follows the natural contours facilitated by the fact that the mine will have no significant impact on the topography.</p> <p>Surface Runoff Management (including storm water discharge) will be carried out through a network of garland drains and catch pits. The salient features of the drainage management scheme are as follows:</p> <ul style="list-style-type: none"> <li>❖ The overall drainage planning will be done in a manner such which follows the existing pre mining drainage routing to the extent possible, maintaining the overall slope in the direction of pre mining flow direction so that run off distribution will be not affected.</li> </ul>	<p>complied</p>



		<ul style="list-style-type: none"> <li>❖ Garland drains will be provided on sides of quarries, storage areas and external dumps (depending on contours). The garland drains shall be routed through catch pits and settling tanks to settle out suspended solids in the storm water. The clarified water will be discharged to natural water courses.</li> <li>❖ The mine will develop one rain water harvesting pits and a pond in the mine lease area to accumulate the rainwater. The surface runoff during rainy day has tendency to discharge into the natural drainage system of the area. There will be no discharge from the mine. It is required to ensure runoff water quality during rainy season before it joins the seasonal nalla in the core zone.</li> <li>❖ Garland drains shall be constructed to arrest silt and sediments flows from soil and mineral dumps. Hence, garland drains will be constructed around quarry and OB dumps to collect runoff. The water collected can be utilized for watering the mine area, roads, greenbelt development etc. Deep garland drains will be constructed at the toe of sub-grade and OB dumps to arrest silt and sediments flows from soil, and mineral dumps before monsoon. These drains will be desilted regularly and maintained properly. Garland drains (size, gradient and length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sedimentation pits will be constructed at the corners of the garland drains with adequate retention period and shall be desilted at regular intervals particularly before and after the monsoon season.</li> <li>❖ Suitable storm water drainage system along the roads will be provided to dispose storm water effectively. The surface runoff collected in the storm water drains will be channelized through a series of settling cum percolation ponds before discharged.</li> <li>❖ The cross-sectional shape of garland drains can be trapezoidal i.e., with different bottom and top-width as well as it can be rectangular. The two major components of garland drains are retaining wall or toe wall and secondly, the garland drain channel. The retaining</li> </ul>
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walls will be constructed on the side where OB will be dumped or stocks are planned to be piled, to stop the direct flow of silt material into the drains during heavy rainfall. Small holes will be poked into the retaining wall to drain the water and silt which should eventually come to garland drain at a slower speed. The bottom slope of the garland drains will be designed for precipitation of silts due to longer retention. Based on various reports, the standard depth and width of a garland drains is found to be 1.5 m x 1.5 m with 2 m high toe wall.

**29. The SEAC observed the following:**

- a) The proposal was considered by the State Level Expert Appraisal Committee (SEAC), Odisha in its meeting held on 19.02.2022 for appraisal of the proposal for ToR in pursuance of the MoEF&CC, Govt. of India Notification dated 14<sup>th</sup> March, 2017. The SEAC, after deliberations on the proposal in terms of the provisions of the Notification dated 14<sup>th</sup> March, 2017 and confirmed the case to be of violation of the EIA Notification, 2006 and recommended for the following:
  - i). The State Government to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no Consent to Operate to be issued till the project is granted Environmental Clearance.
  - ii). The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of Environmental Clearance. The quantum is recommended by the SEAC based on EIA report and finalized by the regulatory authority i.e. SEIAA, Odisha. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority i.e. SEIAA, Odisha.
  - iii). Public hearing has to be conducted as per provisions of EIA Notification 2006 and amendment thereafter and copy of final EIA/EMP report incorporating the public hearing proceeding shall be submitted for final appraisal.
- b) EIA/EMP study report has been prepared by a NABET Accredited / NABI. Accredited Consultant namely **M/s Aseries Envirotek India Pvt. Ltd, Lucknow (UP)-226008.**
- c) Detailed assessment of Ecological Damage, Remediation Plan and Natural and Community Resource Augmentation Plan has been incorporated in the EIA report.
- d) An amount of ₹19,62,500/- (Rupees Nineteen lakh sixty-two thousand five hundred only) has been estimated in the EIA / EMP report towards the cost of assessment of Environmental / Ecological damage due to violation as well as Natural and Community Resource Augmentation Plan.
- e) There is no specific guideline issued by the MoEF&CC, Govt. of India for assessment of Environmental and Ecological Damage as well as estimation of cost for remediation plan as well as Natural and Community Resource Augmentation Plan.
- f) In the absence of any guidelines, the cost as suggested by the proponent in the EIA report above to be taken into account for remediation plan as well as Natural and Community Resource Augmentation Plan. However, the proponent has to abide by the guidelines if issued by the MoEF&CC, Govt. of India in future and accordingly the proponent has to comply. To this effect, they have to submit an undertaking in form of a legal affidavit.
- g) Total cost of the project is Rs. 165 lakhs and 1% of the project cost is Rs. 1,65,000/-
- h) The certificate of turnover obtained from certified Chartered Accountant (CA) for the period of 1996 to 2011 is Rs. 2,07,39,695/- and 0.25% of the turnover is Rs. 51,850/-
- i) Total penalty to be paid by the proponent as per SoP of MoEF & CC, Govt. of India dtd. 07.07.2021 for



Violation is (1% of the project cost + 0.25% of turnover) = Rs.1,65,000/- + Rs. 51,850 = Rs. 2,16,850/- (Rupees two lakhs sixteen thousand eight hundred fifty only).

The proponent has intimated that they have suo-moto reported the violation and claimed that they may be allowed to pay half of the total penalty calculated as SoP of MoEF& CC, Govt. of India dtd. 07.07.2021 for violation. But, violation was observed by SEAC, while considering the TOR and they have not suo-moto applied for violation.

- k) No record is available in the file about initiation of legal action against the project proponent by the State Govt./SPCB under the provisions of section 19 of the Environment (Protection) Act, 1986 for violation of the EIA Notification, 2006.

After detailed discussion, the SEAC recommended for grant of Environmental Clearance for production of 90043 TPA Iron Ore in respect of Nangalsila Iron ore mines located in village Nangalsila and Murumdihi over an area 45.333 ha. of non-forest land under Tahasil - Kusumi in District - Mayurbhanj with the following specific conditions in terms of the provisions of the MoEF&CC, Govt. of India notification dated 14<sup>th</sup> March, 2017 and SoPs for violation cases issued by the MoEF&CC, Govt. of India in addition to the stipulated conditions as per **Annexure- C. However, the Environmental Clearance shall be issued by the SEIAA after receipt of relevant bank guarantee as stated above.**

- (i) The SEAC recommended for an amount of ₹ 19,62,500/- (Rupees Nineteen lakh sixty-two thousand five hundred only) towards the cost of assessment of Environmental / Ecological damage due to violation as well as Natural and Community Resource Augmentation Plan as the proponent has gone in excess of production of Iron ore beyond approved limit of production under EC.
- (ii) The project proponent shall be required to submit a bank guarantee of an amount of ₹ 19,62,500/- (Rupees Nineteen lakh sixty-two thousand five hundred only) towards Remediation plan and Natural and Community Resource Augmentation plan towards violation to be deposited with the State Pollution Control Board, Odisha prior to the grant of Environmental Clearance.
- (iii) The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC, Odisha and approval of the regulatory authority (i.e. SEIAA, Odisha).
- (iv) The proponent has to abide by the SoPs for violation cases issued by the MoEF&CC, Govt. of India on dtd. 07.07.2021 and deposit separately (other than BG) an amount of 2,16,850/- (Rupees two lakhs sixteen thousand eight hundred fifty only) towards the penalty for violation as per SoP of MoEF & CC, Govt. of India dtd. 07.07.2021.
- (v) The SEIAA, Odisha may consider to request to the Govt. in F&E Deptt., Govt. of Odisha to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986 for violation of the EIA Notification, 2006. Environmental Clearance is to be issued after initiation of legal action against the project proponent.
- (vi) **Following specific conditions to be stipulated in Environmental Clearance:**
  - (a) Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt.
  - (b) CER related issues as per MoM of public hearing may be prescribed as special condition in EC.
  - (c) The Project Proponent shall not divert the natural nallah for mining purpose without permission from competent authority.
  - (d) Since details of Nallah etc. are given in Table point 7 and 8 and also submitted a real time video, the PP may include the layout showing the actual activities etc. during submission of periodic compliance.
  - (e) The project proponent should submit certified site plan showing details of location of existing natural nallah and the dendritic surface drainage system feeding to the above mentioned nallah for effective discharge of surface runoff, location of proposed garland drain, rainwater collection pits and location of overburden as well as mine waste dump etc. as per the approved mining plan.



- (f) Stone wall will be constructed along both sides of the nallah before commencement of mining operation
- (g) Mine management shall explore the possibility to create adequate storage facility to store the runoff water for usage in non-monsoon season.
- (h) Mine drainage shall be suitably treated to meet the prescribed standards before being discharged outside. In no case the drainage will be released to the nearby land.

30. Any deficiencies/omission have been noticed in the above documents- Nil

1. **Whether SEAC recommended the proposal** –Yes, the SEAC recommended the proposal for EC in its meeting held on 19.06.2023 above mentioned additional conditions.

2. The proposal was placed in the 128<sup>th</sup> meeting of SEIAA held on 20.07.2023 and was decided that the Authority observed that the serial no. 22 of ToR has prescribed for R&R plan / compensation details for the Project Affected People (PAP) which is not furnished. After detailed deliberation in the matter, the Authority decided to seek clarification on the following points: -

- a) The PP shall prepare a R&R plan / compensation detail in consultation with PAP for the project.
- b) The total project cost is mentioned as Rs. 1.65 crores which appears to be less. The PP is required to submit item wise detailed cost of the project at the current rate. The cost of EMP also needs to be revised at the current rate for the items of work proposed in the EMP.

Now the PP has submitted their ADS raised by SEIAA for consideration of EC.

The proposal was placed in the 133<sup>rd</sup> meeting of SEIAA held on 22<sup>nd</sup> & 24<sup>th</sup> August, 2023 and after detailed deliberation in the matter, the Authority decided to seek additional information/ document on the following:

- (i) The PP is required to submit year wise certified production figure from the competent Authority, Steel & Mines Dept, Govt. of Odisha from 1993-94 to till date.
- (ii) The PP is required to submit year wise permitted quantity as per CTO obtained from SPCB, Odisha from 1993-94 to till date.
- (iii) Layout Map showing the total lease area of 45.333Ha and the minable area of 12.50Ha along with village boundary.

Now the PP has submitted the necessary clarification / ADS for consideration of EC.

**Decision Of Authority: Approved**

The Authority noted the following facts in respect of the proposal:

- (i) As per letter No.3977/SM, BBSR dated 24.04.2022, the project proponent was granted mining lease of iron ore over an area of 45.931Ha in Village-Nangalsila & Murmudihi for a period of 20 years w.e.f 19.04.1985.
- (ii) The MoEF & CC,GoI vide their Circular No-J-20012/11/98-IA.II(M) dated 28.10.2004 has specified that the EIA Notification, 1994 shall be applicable for:
  - a) Mining projects of major mineral with more than 5ha lease area, which have started production or increased their production and /or lease area on or after 27.01.1994.
  - b) In addition, all mining projects of major minerals of more than 5ha lease area which have so far not obtained an environmental clearance under the EIA Notification,1994 shall do so at the time of renewal of their lease in context of the SC Judgement dated 18.03.2004 in W.P.4677/1985-M.C.Mehta vs UOI & Ors.
- (iii) In the absence of any authenticated data that there is no increase in production/or lease area of the PP on or after 27.01.1994, the Authority concluded that the production of the mines from the year 1993-94 onwards shall be recorded as unauthorized production under EIA,1994 Notification & subsequent amendments thereto.



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

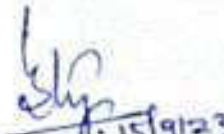
- (iv) As per letter no.3008/mines dated 07.11.2022 & subsequent clarification vide letter no.2410/Mines dated 05.09.2023 of the Mining Officer, Baripada Circle, Baripada, the total certified production of the mines from 1993-94 to till date is 48487.5 MT.
- The Govt. of Odisha in Steel & Mines Dept. vide their letter no.3977/SM, BBSR dated 28.04.2022 has allowed extension of the Validity period of the mining lease for an area of 45.333Ha up to 18.04.2035.
- (vi) The PP has obtained CTE from SPCB, Odisha vide letter no.2752 dated 23.02.2023 for production of Iron ore of quantity 90043TPA(ROM) through opencast Semi Mechanized Method of mining along with installation of (1x60TPH) crusher and 1x 400TPH mobile screening plant, inside the ML. area of 45.333Ha at -Nangalsila & Murmudihi, Po-Sulaipat in the District of Mayurbhanj, Odisha with certain stipulated conditions.
- (vii) The SEAC have recommended for grant of EC in its meeting held on 19.06.2023 with Standard & Specific Conditions.
- (viii) The Govt. of Odisha in F, E & CC Dept. vide their letter No. FE-ENV1-ENV-0110-2022/2033 dated 03.02.2023 has directed for taking legal action against the PP as per MoEF & CC, GoI Notification No. F No. 22-21/2020-IA.III dated 07.07.2021.

In Consideration of the above foregoing points, the following decisions are taken by the Authority:

- (i) EC is granted as per SOP for Identification and handling of Violation cases under EIA 2006 dated 07.07.2021 of MoEF & CC,GoI Subject to the following Specific Conditions:
- a) The PP shall deposit a Bank guarantee of Rs.19,62,500/- with SPCB, Odisha towards Remediation Plan & natural & Community Resource Augmentation Plan.
- b) The PP shall implement the revised EMP with a Capital Cost of Rs.35,91,500/- & recurring Cost of Rs.17,76,350/- for the project.
- c) The PP shall deposit an amount of Rs.2,16,850/- with SPCB, Odisha towards Penalty for violation with reference to the total project cost of Rs.1.65Crores indicated by the CA having UDIN -23532638BGWYR2794 dated 14.08.2023 & turnover of Rs.2,07,39695 from 1993-94 to till date by the CA having UDIN No-23456078BGZAVW3669 dated 25.03.2023.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA  
15/9/23

  
Chairman, SEIAA  
15.09.23



**AGENDA NO.135.02**

Proposal No.	SIA/OR/MIN/301850/2023
Date of application	27.07.2023
File no.	SEIAA-382/07-2020
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 Idudi sand bed -II(River-Bansadhara) over an area of 10.00 acres or 4.0469 ha. at mouza- Idudi, Tahasil- Kashinagar, Dist Ganjam.
Name of the company/Organization	Sri Gopal Rao Alibilli
Location of Project	mouza- Idudi, Tahasil- Kashinagar, Dist Ganjam
ToR Date	N/A
Name of the Consultant	N/A

**Proposal in brief:**

- (i) The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- (ii) This is a proposal for amendment of EC of Idudi sand bed -II over an area of 10.00 acres or 4.0469 ha. at mouza- Idudi, Tahasil- Kashinagar, Dist Ganjam.
- (iii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 406/SEIAA dated 08.02.2021 for Idudi sand bed -II over an area of 10.00 acres or 4.0469 ha. at mouza- Idudi, Tahasil- Kashinagar, 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 89275 cum with depth of sand deposition was 2.5 meter and proposed for annual extraction-50000 cum.
- (v) The SEIAA also granted EC for 1<sup>st</sup> year production **50000 cum** with depth of mining 2.5 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> March 2022 if satisfactory replenishment study report is not submitted."
- (vii) The PP has submitted EC compliance report and mentioned that **35000 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 M/s. ECO Green Solution with mentioned that pre-monsoon elevation 44.97 m and Post-monsoon elevation of sand bed is 46.23m accordingly 35824 cum of sand replenished and proposed production is **25076.8 cum** for 2<sup>nd</sup> year.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

1. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and after detailed discussion, the SEAC recommended that mineable quantity may be recommended as per Replenishment quantity. Further Post replenishment study may be carried out only when most area is free from water channels and before mining activities.



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

**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 **25000 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 '2025.
- The validity of EC for 2<sup>nd</sup> year is subjected to validity of DSR or validity of lease period, whichever is earlier.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA



## AGENDA NO.135.03

Proposal No.	SIA/OR/IND2/301885/2023
Date of application	27.07.2023
File no.	SEIAA-309/07-2020
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 Idudi sand Bed- I over an area of 10.00 acres or 4.0469 Ha. at Mouza- Idudi, Tahasil- Kashinagar, Dist. - Gajapati, in favor of Poreddy Raja Rao.
Name of the company/Organization	Sri Poreddy Raja Rao
Location of Project	Idudi, Tahasil- Kashinagar, Dist. - Gajapati
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 amendment of EC of Idudi sand Bed- I over an area of 10.00 acres or 4.0469 Ha. at Mouza- Idudi, Tahasil- Kashinagar, Dist. - Gajapati.
  - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 9774/SEIAA dated 25.11.2020 for Idudi sand Bed- I over an area of 10.00 acres or 4.0469 Ha. at Mouza- Idudi, Tahasil- Kashinagar, Dist. - Gajapati.
  - (iii) 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 85625 cum with depth of sand deposition was 2.5 meter and proposed for annual extraction-50000 cum.
  - (iv) The SEIAA also granted EC for 1<sup>st</sup> year production **50000 cum** with depth of mining 2.5 meter.
  - (v) 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> March 2022 if satisfactory replenishment study report is not submitted."
  - (vi) The PP has submitted EC compliance report and mentioned that **30000 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period.
  - (vii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by M/s. ECO Green Solution with mentioned that pre-monsoon elevation 45.76 m and Post-monsoon elevation of sand bed is 47.06m accordingly 44525 cum of sand replenished and proposed production is **31167.5 cum** for 2<sup>nd</sup> year.
  - (viii) 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>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and after detailed discussion, the SEAC recommended that mineable quantity may be recommended as per Replenishment quantity. Further Post replenishment study may be carried out only when most area is free from water channels and before mining activities.



**Decision of Authority: Approved**

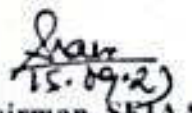
After detailed deliberation in the matter, the Authority decided to allow amendment in EC with the following specific condition:

- Maximum quantity of extraction of sand shall be **31000 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 December '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.

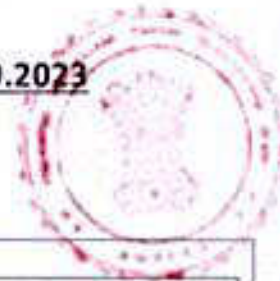
**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA





AGENDA NO.135.04	
Proposal No.	SIA/OR/MIN/301789/2023
Date of application	01.07.2023
File no.	59349/180-MINB1/01-2022
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 Raichanda River Sand Bed mine on river Brahmani over an area of 8.093 Ha or 20.00 Acre in village Raichanda, under Dharmasala Tahasil of Jajpur District, Odisha
Name of the company/Organization	Sri Sribash Jena
Location of Project	village Raichanda, under Dharmasala Tahasil of Jajpur District, Odisha
ToR Date	N/A
Name of the Consultant	N/A

**Proposal in brief:**

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
  - (i) This is a proposal for amendment of EC of Raichanda River Sand Bed mine on river Brahmani over an area of 8.093 Ha or 20.00 Acre in village Raichanda, under Dharmasala Tahasil of Jajpur District, Odisha.
  - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC22B001OR199843 dated 26.05.2022 for Raichanda River Sand Bed mine on river Brahmani over an area of 8.093 Ha or 20.00 Acre in village Raichanda, under Dharmasala Tahasil of Jajpur District, Odisha.
  - (iii) 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 143656 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-16800 cum.
  - (iv) The SEIAA also granted EC for 1<sup>st</sup> year production 14365 cum.
  - (v) There is an EC conditions point no. 8.1 to 8.2 in page no. 05 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 November 2022 if satisfactory replenishment study report is not submitted."
  - (vi) The PP has submitted EC compliance report and mentioned that 750 cum sand already extracted from the source for the 1<sup>st</sup> year lease period.
  - (vii) Now, the PP has submitted amendment of EC application and but not submitted replenishment study report in separate sheet.
  - (viii) 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>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and after detailed discussion, the SEAC opined that the Replenishment Study report is not prepared by bringing out the estimate of sand deposited on the river bed during the monsoon season of the study period. It merely states the estimated quantity of sand available in





**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

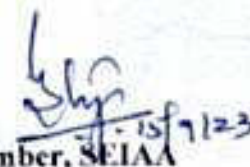
The ML area of the riverbed exposed above the water level during the pre-monsoon and post-monsoon study period. Hence, this proposal is not recommended and replenishment study needs to be properly done for consideration of SEAC.


**Decision of Authority: Rejected**

After detailed deliberations in the matter, the Authority agreed with the recommendation of SEAC as mentioned above and decided to reject the amendment in EC application and ask the project proponent to submit fresh annual replenishment study report following the Ministry's Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining through ORSAC empanelled agency for further consideration of the proposal.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA





**AGENDA NO.135.05**

Proposal No.	SIA/OR/MIN/302092/2023
Date of application	21.07.2023
File no.	SIA/OR/MIN/246944/2021
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 Kalabada Sand Bed- I over an area of 10.037 acres or 4.062 Ha. at Mouza- Kalabada, Tahasil- Chikiti, Dist.- Ganjam.
Name of the company/Organization	Sri Pabitra Kumar Swain
Location of Project	at Mouza- Kalabada, Tahasil- Chikiti, Dist.- 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 amendment of EC of Kalabada Sand Bed- I over an area of 10.037 acres or 4.062 Ha. at Mouza- Kalabada, Tahasil- Chikiti, Dist.- Ganjam.
  - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 3256/SEIAA dated 07.10.2021 and later EC transfer vide letter no. 3816/SEIAA dt. 13.01.2022 for Kalabada Sand Bed- I over an area of 10.037 acres or 4.062 Ha. at Mouza- Kalabada, Tahasil- Chikiti, Dist.- Ganjam.
  - (iii) 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 143656 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-16800 cum.
  - (iv) The SEIAA also granted EC for 1<sup>st</sup> year production **5000 cum**.
  - (v) There is an EC conditions point no. 8.1 to 8.2 in page no. 05 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."
  - (vi) 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.
  - (vii) Now, the PP has submitted amendment of EC application based on replenishment study report done by M/s. ECO Green Solution pre-monsoon date was taken on 20.05.2022 and post-monsoon on 25.11.2022 and replenished volume is **2812.5 cum** and proposed production for 2<sup>nd</sup> year is **1687.5 cum**
  - (viii) 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>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and after detailed discussion, the SEAC decided to recommend quantity actually replenished as per study report (1687.5 cum/year) till receipt of next replenishment study report.



**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 **1687 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 '2025.
- The validity of EC for 2<sup>nd</sup> year is subjected to validity of DSR or validity of lease period, whichever is earlier.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA



AGENDA NO.135.06	
Proposal No.	SIA/OR/MIN/302318/2023
Date of application	20.07.2023
File no.	247747/512-MINB2/01-2022
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 Salajharia sand quarry over an area of 11.95 acres or 4.836 Ha. at Mouza-Salajharia, Tahasil- Khandapada, Dist.-Nayagarh.
Name of the company/Organization	Sri Pramod Kumar Das
Location of Project	At Mouza- Salajharia, Tahasil- Khandapada, Dist.- Nayagarh.
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 amendment of EC of Salajharia sand quarry over an area of 11.95 acres or 4.836 Ha. at Mouza- Salajharia, Tahasil- Khandapada, Dist.- Nayagarh.
  - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC22B001OR159171 dated 30.03.2022 and later EC transfer on dt. 14.03.2023 for Salajharia sand quarry over an area of 11.95 acres or 4.836 Ha. at Mouza- Salajharia, Tahasil- Khandapada, Dist.- Nayagarh.
  - (iii) 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 12967.5 cum with depth of sand deposition was 1.25 meter and proposed for annual extraction-3048 cum.
  - (iv) The SEIAA also granted EC for 1<sup>st</sup> year production **1200 cum** with 0.5 meter depth of mining.
  - (v) There is an EC conditions point no. 7.1 to 2.2 in page no. 04 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 2024 if satisfactory replenishment study report is not submitted."
  - (vi) The PP has submitted EC compliance report and mentioned that **1200 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period.
  - (vii) Now, the PP has submitted amendment of EC application based on replenishment study report done by M/s. ECO Green Solution pre-monsoon date was taken on 20.05.2022 and post-monsoon on 25.11.2022 and replenished volume is **7896 cum** and proposed production for 2<sup>nd</sup> year is **3000 cum**
  - (viii) 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>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and after detailed discussion, the SEAC opined that Replenished amount as per Drone survey method is 7896 m<sup>3</sup>. And at least 60% of the replenished amount (i.e., 4737.6m<sup>3</sup>) should be permitted to be extracted as per replenishment study report. In this case Project



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Proponent is requesting for 3000m<sup>3</sup> as per mining plan. He may be asked to apply for modification of mining plan.

**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 **1687 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 '2.
- The validity of EC for 2<sup>nd</sup> year is subjected to validity of DSR or validity of lease period, whichever is earlier.
- The PP shall revise the mining plan as per production.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA



**Minutes of 135<sup>th</sup> Meeting of SEIAA, Odisha Held on 11.09.2023 & 12.09.2023**

is not possible to provide one season data completely and due to above reason the operation is closed from 30.11.2022 to till date. So, kindly give permission to submit the satisfactory ARRS through ORSAC empaneled agency in the next year.

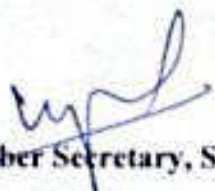
(x) Any deficiencies/omission have been noticed in the above documents- Nil

2. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and after detailed discussion, the SEAC opined that Replenishment study report submitted is not as per Sustainable Sand Mining Guidelines and lacks details. Hence, this proposal is not recommended for sand mining subject to outcome of further replenishment studies.

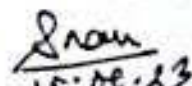
**Decision of Authority: Rejected**

The Authority observed that the PP has extracted 275cum of sand in the 1<sup>st</sup> year as against 860cum. The SEAC has rejected the replenishment study report as the same has not been prepared as per Sustainable Sand Mining Guidelines -2020 and lacks details. After detailed deliberation in the matter, the Authority decided to reject the replenishment study report as per the recommendation of SEAC and also decided to allow extraction of sand 860cum for the 2<sup>nd</sup> year since the PP had not extracted the full 1<sup>st</sup> year quantity as per EC. Further, the PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency by March '2025.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
15.09.23  
Chairman, SEIAA





AGENDA NO.135.07	
Proposal No.	SIA/OR/MIN/300971/2023
Date of application	12.07.2023
File no.	66176/157-MINB1/09-2021
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 Madhapur Sand Quarry (River-Mahanadi) over an area of 12.50 Acre or 5.059 Ha under Bhapur Tahasil of Nayagarh district Odisha
Name of the company/Organization	Sri Benudhar Pradhan
Location of Project	Bhapur Tahasil of Nayagarh district Odisha
ToR Date	N/A
Name of the Consultant	N/A

**Proposal in brief:**

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
  - (i) This is a proposal for amendment of EC of Madhapur Sand Quarry over an area of 12.50 Acre or 5.059 Ha under Bhapur Tahasil of Nayagarh district Odisha.
  - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC22B001OR193512 dated 30.04.2022 of Madhapur Sand Quarry over an area of 12.50 Acre or 5.059 Ha under Bhapur Tahasil of Nayagarh district Odisha.
  - (iii) 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 22800 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-**4000 cum**.
  - (iv) As this is B1-category project the PP had submitted replenishment study report as per ToR condition and in the ARRS it is mentioned that 14007 cum sand replenished.
  - (v) The SEIAA also granted EC for 1<sup>st</sup> year production **860 cum** with 0.5 meter depth of mining.
  - (vi) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 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 November 2022 if satisfactory replenishment study report is not submitted."
  - (vii) The PP has submitted EC compliance report and mentioned that **275 cum** sand already extracted from the source for the period 2021-22.
  - (viii) Now, the PP has submitted amendment of EC application and submitted replenishment study report by RQP Sri S.K. Panda with mentioned that approved mining plan mineable reserve 34156 cum and post-monsoon reserve 36547 cum and proposed production **21000 cum**.
  - (ix) The Tahasildar has submitted clarification that the ARRS is not submitted as per Sustainable sand Mining Guideline because EC obtained on **13.04.2022**, lease agreement was made on **30.06.2023**, CTO was obtained on **28.07.2022** and operation was started on **30.07.2022** and only 275 cum sand extracted from the period 30.07.2022 to 18.11.2022. The EC conditions given that the ARRS should be submitted on **November 2022** which



(viii) 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>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and after detailed discussion, the SEAC opined that Replenished amount is 17672 m<sup>3</sup>. Approved as per mining Plan is 2721 m<sup>3</sup>. At least 60% of the replenished amount (10603.2 m<sup>3</sup>) should be permitted to be extracted. PP may be asked to apply for modification of mining plan.

**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 **2400 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 December '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.
- The PP shall revise the mining plan as per production.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA

  
Chairman, SEIAA





AGENDA NO.135.08	
Proposal No.	SIA/OR/MIN/302332/2023
Date of application	20.07.2023
File no.	247613/511-MINB2/01-2022
Project Type	Proposal for Amendment of EC based replenishment study report of sand
Category	B2
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Kumbharapada Sand Quarry over an area of 12.05 Acres or 4.876 Ha. at Mouza-Kumbharapada, Tahasil- Khandapada, Dist.-Nayagarh
Name of the company/Organization	Sri Pramod Kumar Bhola S/o- Saranga Bhola Village- Pathuria PS- Fatchgarh Dist- Nayagarh -752077
Location of Project	Mouza- Kumbharapada, Tahasil- Khandapada, Dist.- Nayagarh
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 amendment of EC of Kumbharapada Sand Quarry over an area of 12.05 Acres or 4.876 Ha. at Mouza- Kumbharapada, Tahasil- Khandapada, Dist.-Nayagarh.
  - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC22B001OR146295 dated 11.03.2022 for Kumbharapada Sand Quarry over an area of 12.05 Acres or 4.876 Ha. at Mouza- Kumbharapada, Tahasil- Khandapada, Dist.-Nayagarh.
  - (iii) 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 21268.5 cum with depth of sand deposition was 0.75 meter and proposed for annual extraction-2817 cum.
  - (iv) The SEIAA also granted EC for 1<sup>st</sup> year production **2400 cum** with 0.25 meter depth of mining.
  - (v) There is an EC conditions point no. 7.1 to 2.2 in page no. 04 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 2024 if satisfactory replenishment study report is not submitted."
  - (vi) The PP has submitted EC compliance report and mentioned that **2400 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period.
  - (vii) Now, the PP has submitted amendment of EC application based on replenishment study report done by M/s. ECO Green Solution pre-monsoon date was taken on 20.05.2022 and post-monsoon on 25.11.2022 and replenished volume is **17672 cum** and proposed production for 2<sup>nd</sup> year is **10603.2 cum in the replenishment study report but** In this case Project Proponent is requesting for **2400 m<sup>3</sup>** in application form.





AGENDA NO.135.09	
Proposal No.	SIA/OR/MIN/302463/2023
Date of application	22.07.2023
File no.	SIA/OR/MIN/286417/2022
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 K.Nuagam Sand Quarry over an area of 12.355 acres or 5.00 Ha. at Mouza- K.Nuagam, Tahasil- Chikiti, Dist.- Ganjam
Name of the company/Organization	Sri Krupasindhu Muduli
Location of Project	Mouza- K.Nuagam, Tahasil- Chikiti, Dist.- 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 amendment of EC of K.Nuagam Sand Quarry over an area of 12.355 acres or 5.00 Ha. at Mouza- K.Nuagam, Tahasil- Chikiti, Dist.- Ganjam.
  - (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2597 dated 04.09.2021 and Transfer of vide letter no. 5120/SEIAA dated 12.08.2022 for K.Nuagam Sand Quarry over an area of 12.355 acres or 5.00 Ha. at Mouza- K.Nuagam, Tahasil- Chikiti, Dist.- Ganjam.
  - (iii) 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 21268.5 cum with depth of sand deposition was 0.75 meter and proposed for annual extraction-2817 cum.
  - (iv) The SEIAA also granted EC for 1<sup>st</sup> year production **10000 cum** with 0.25 meter depth of mining.
  - (v) There is an EC conditions point no. 7.1 to 2.2 in page no. 04 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 October 2022 if satisfactory replenishment study report is not submitted."
  - (vi) The PP has submitted EC compliance report and mentioned that **10000 cum** sand already extracted from the source for the 1<sup>st</sup> year lease period.
  - (vii) Now, the PP has submitted amendment of EC application based on replenishment study report done by M/s. ECO Green Solution pre-monsoon date was taken on 20.05.2022 and post-monsoon on 25.11.2022 and replenished volume is **5731.2 cum** and proposed production for 2<sup>nd</sup> year is **3438.72 cum in the replenishment study report but** In this case Project Proponent is requesting for **3500 m<sup>3</sup>** in application form.
  - (viii) 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>, 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> August 2023 and after detailed discussion the SEAC opinion that in the replenishment study report 5731.2cum of sand is available for mining during the study period. The proposal of PP for allowing at least 70% of replenished quantity of sand available for mining i.e., 3438.72 cum is recommended for approval.

**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 **3400 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 December '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.
- The PP shall revise the mining plan as per production.

**APPROVED BY**

  
Member Secretary, SEIAA

  
Member, SEIAA  
15/9/23

  
Chairman, SEIAA  
15.09.23



**AGENDA NO.135.10**

Proposal No.	SIA/OR/MIN/428069/2023
Date of application	04.08.2023
File No.	428069/964-MINB2/08-2023
Project Type	Proposal for fresh EC
Category	B2 but in cluster it is coming in B1-project
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Anjira Black Stone Quarry No-8(Cluster Serial No-1B/15), (Khata No-416, Plot No-941(p)) over an area of 3.00 acres or 1.214 hacters in village Anjira under Dharmasala Tahasil of Jajpur District, Odisha.
Name of the company/Organization	Sri Akshaya Kumar Parida
Location of Project	village Anjira under Dharmasala Tahasil of Jajpur District, Odisha.
ToR Date	N/A
Name of the Consultant	N/A

**Proposal in brief:**

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
  - (i) This is a proposal for mining of stone from Anjira Black Stone Quarry No-8 (Cluster Serial No-1B/15), (Khata No-416, Plot No-941(p)) over an area of 3.00 acres or 1.214 hacters in village Anjira under Dharmasala Tahasil of Jajpur District, Odisha..
  - (ii) The mining area is a part of Survey of India Toposheet No. : F45U1, and the lease area bounded by Latitude: 20°50'13.50" N to 20°50'17.94" N and Longitude: 86°02'02.02" E to 86°02'08.53" E.
  - (iii) The mining lease is an identified sairat source in the DSR. The Anjira Black Stone Quarry No-8 sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Dharmasala to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
  - (iv) Documents submitted: -Form-1, PFR, D.L.C., EMP, 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 Reference Id No. 35AB326725 dated 05.05.2023
  - (vii) Distance from nearest sanctuary/ESZ- Kapilash-33.00 Km
  - (viii) Whether the lease area coming in DLC report-No, clarified by Tahasildar vide letter no. 1096 dated 17.03.2023
  - (ix) Whether the lease area reflecting in DSR-Yes
  - (x) Method of mining-Semi-mechanized
  - (xi) Distance from nearest road bridge-5.24 km, Nh-53 is 0.01 Km
  - (xii) Whether it is part of cluster –Yes, Cluster-1 Mines which is constituted of 15 nos of quarry leases of Anjira and Makundapur hillocks over an total area of 55.79 Ha/ 137.86 Ac. in village - Anjira & Makundpur, Tahasil – Dharmasala, District – Jajpur, Odisha of Tahasildar Dharmasala. The proposal was placed in the SEAC meeting held on 03.08.2021 and the SEAC recommended cluster EIA & EMP proposal with opinion that the PP ask to submit individual EC application again.
  - (xiii) Whether EC obtained earlier for this project-but quarry operate earlier through annual lease basis.



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- (xi) Date of approval of mining plan- the Deputy Director of Geology O/o of Steel & Mines Dept. Govt. of Odisha on 15.02.2023
- (xii) As per the approved mining plan the geological reserve is 302546 cum, Mineable reserve is 101531 cum and proposed for annual production 20092 cum/annum and total production in 5 years will be 100223 cum with 6.0 m depth of mining.
- (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) Public hearing of Anjira-Makundapur Hillocks (Cluster 1) mines for production of building stone/ road metal over an area of 55.79 Ha.(15nos of mining leases) at Anjira & Mukundapur village under Dharmasala tahasil of Jajpur district was conducted on 28.08.2020 at 10.30 PM at Kalyani Mandap, Marjitapur, Jajpur.
- (xviii) Budget provision for cluster EMP-Capital cost Rs. 40 Lakh and recurring cost is Rs. 20lakh/annum, CER cost for cluster-Rs.69.00,000/-
- (xix) Budget for individual quarry of Rs. 2.0 Lakh(Capital cost) and Rs. 0.50 Lakh (Recurring cost). CER coist is 4.6 Lakh
- (xx) Any deficiencies/omission have been noticed in the above documents-The proposed quarry is located 100 meter away from NH-53 and in this case no blasting will be involved as mentioned in the mining plan also quarry already quarry operated earlier closed to the NH-53 as it appears in the KML file. Not submitted earlier EC copy and its compliance.

2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 03.08.2021 and the SEAC recommended cluster EIA & EMP proposal with opinion that the PP ask to submit individual EC application again.

**Decision of Authority: Approved**

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

- (i) Maximum depth of mining 6.0 meter and maximum quantity of extraction shall be limited to **20026 cum** in 1<sup>st</sup> year and **20070 cum** in 2<sup>nd</sup> year.
- (ii) The validity of EC for 1<sup>st</sup> year and 2<sup>nd</sup> year is subjected to validity of DSR or validity of lease period whichever is earlier.
- (iii) The Grant of EC for further period will be considered after submission of approved DSR by SEIAA as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 and also as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others).
- (iv) **The Tahasildar, Dharmasala shall obtain NOC from the NH Authority before start of mining operation since the NH-53 is located at a distance of less than 100meters.**
- (v) **The PP shall not carry out blasting in the lease area as proposed in approved mining plan.**
- (vi) The Project Proponent (lease holder) shall deposit Rs.75000/-, with the respective District Environment Society for raising 150 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- (vii) The PP will implement the EMP with a budgetary allocation of Rs.2.00 lakhs (as Capital Cost) and of Rs. 0.50lakhs (as recurring cost) as proposed during the valid lease period of 5 years.
- (viii) The PP shall comply to the issues raised during public hearing will spend Rs. 4.60 Lakhs as proposed towards compliance of public hearing issues.

  
Member Secretary, SEIAA

APPROVED BY

  
Member, SEIAA

  
Chairman, SEIAA



AGENDA NO.135.11

Proposal No.	SIA/OR/MIN/438912/2023
Date of application	02.08.2023
File No.	438912/957-MINB2/08-2023
Project Type	Proposal for fresh EC
Category	B2 but in cluster it is coming in B1-project
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Barada Black Stone Quarry No-2 Over an area of 6.00 Ac or 2.428 ha in village Barada under Dharmasala Tahasil of Jajpur District, Odisha
Name of the company/Organization	Sri Ajit Kumar Sahu
Location of Project	village Barada under Dharmasala Tahasil of Jajpur District, Odisha
ToR Date	N/A
Name of the Consultant	N/A

**Proposal in brief:**

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
  - (i) This is a proposal for mining of stone from Barada Black Stone Quarry No-2 Over an area of 6.00 Ac or 2.428 ha in village Barada under Dharmasala Tahasil of Jajpur District, Odisha.
  - (ii) The mining area is a part of Survey of India Toposheet No. : F45U1, and the lease area bounded by Latitude: 20°47'07.61" N to 20°47'13.74" N and Longitude: 86°02'51.20" E to 86°02'56.98" E.
  - (iii) The mining lease is an identified sairat source in the DSR. The Barada Black Stone Quarry No-2 sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Dharmasala to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
  - (iv) Documents submitted: -Form-1, PFR, D.L.C., EMP, 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 Reference Id No. 35942CEF44 dated 19.01.2023
  - (vii) Distance from nearest sanctuary/ESZ- Kapilash-32.00 Km
  - (viii) Whether the lease area coming in DLC report-No, clarified by Tahasildar vide letter no. 5691 dated 30.12.2022
  - (ix) Whether the lease area reflecting in DSR-Yes
  - (x) Method of mining-Semi-mechanized
  - (xi) Distance from nearest road bridge-7.08 km, Village road-0.53 km
  - (xii) Whether it is part of cluster – Yes, Cluster-5 Mines which is constituted of **24 nos.** of lease areas covering a total mineralised area of 243.19 Acres or 98.42 Hectares located in villages/Mouza Dankari, Barada & Baraman under Dharmasala Tahasil of District Jajpur, Odisha. Yes, total lease area coming under Cluster-5 Mine Constituted of Dankari Hillocks (85.57ha), Barada Hillocks (9.91ha) & Baraman Hillocks Of (2.95ha). The proposal was placed in the SEAC meeting held on 03.08.2021 and the SEAC recommended cluster EIA & EMP proposal with opinion that the PP ask to submit individual EC application again.
  - (xiii) Whether EC obtained earlier for this project-but quarry operate earlier through annual lease basis.