



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

AGENDA NO.120.01	
Proposal No.	SIA/OR/MIN/403437/2022
Date of Application	27.10.2022
File No.	403437/765-MINB1/10-2022
Project Type	EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Mining of Iron Ore Chandiposhi Iron ore block (opencast mechanized) (Capacity - 1.0 Million Tons per Annum (Rom) Iron Ore. Total excavation 1.0945 MTPA including 0.0945 MTPA waste 2x 250 TPH Mobile crushing and 3x350 TPH Mobile screening plants. ML area: 131.580 Hectare) At Village: Badaindupur, Sanua, Sargigarh & Tehrei, Tahasil-Koira, District - Sundargarh, Odisha
Name of the company/Organization	M/s. Rungta Mines Ltd
Location of Project	Odisha
ToR Date	11.03.2022
Name of the Consultant	M/s Centre for Envotech and Management Consultancy Pvt Ltd. (CEMC), Bhubaneswar

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.
2. ~~2.~~
3. M/s Rungta Mines Limited was declared as the "Preferred Bidder" for Chandiposhi Iron Ore Block as per auction conducted by Government of Odisha. The Project area comprises of 83.602 ha forest land and 47.978 ha non forest land. The project area is presently a virgin land. The mining plan is already approved by IBM for a period from 2024-25 to 2028-29. As per the estimation of Government of Odisha, total quantity of mineral resources reserved in this area is 47.07 million tonnes. Total 23 mines are working within 10 km study area of proposed Chandiposhi Iron Ore Block of M/s Rungta Mines Ltd.,
4. Location and connectivity: The proposed mine is located in villages of Badaindupur, Sanua, Sargigarh & Tehrei, Tahasil Koira, District Sundergarh, Odisha. The mining lease area falls in the Survey of India Toposheet no. 73 G/5 (open series map F45N5). The area is bounded by Latitude 21°53'20.76434" to 21°54'14.12851" N and Longitude 85°17'16.48253" to 85°18'04.32181" E. The area is well connected by a panchayat road running from Koira to Rugudi through the SE part of the block which finally meets the NH 520 road. The nearest railway station is Jaroli at 13.4 km. NE. The nearest airport is situated at Ranchi, Bhubaneswar and Jharsuguda.
5. Topography: Chandiposhi Iron ore block is located on an area with undulating topography. The topography is predominantly rugged terrain with small hillocks and intervening shallow valleys in central and southern portions. The Tehrei nala basin is present in north and northwestern portion. Plain land used for agriculture is present in northeastern side. There is also a road in the northern portion of the mine lease. The Iron ore block is a virgin area.

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023



6. There is 83.602-hectare forest land (Revenue + DLC) within lease area (core zone). Application for seeking Forest Clearance has been submitted by the company and is under process.
7. TOR Details - The mining project Chandiposhi Iron Ore Block has been granted Terms of Reference (TOR) for preparation of EIA/EMP Report vide MOEF&CC's letter no. IA-J-11015/8/2022-IA-II(NCM) dated 11 March 2022.
8. Public Hearing Details - The State Pollution Control Board, Odisha, Bhubaneswar issued an advertisement in newspaper in Odia – "Dharitri" and in English - "The Times of India" on 28.06.2022 to conduct the public hearing of M/s Rungta Mines Ltd. for Chandiposhi Iron Ore Block on 03.08.2022 at 10:00 am. During public hearing, most of the people welcomed the project and raised few points related to generation of employment opportunity, provision of good school & education, water supply facility, establishment of healthcare unit, skill development, etc.
9. EIA/EMP Report : The proponent has submitted final EIA/EMP report to SEIAA, Odisha for final appraisal for grant of Environmental Clearance as the proposal is presently coming under Category B1 project as per MoEF&CC, Govt. of India notification vide SO 1886(E), dated 20th April 2022.
10. Mining Process - The proposed project will be an Opencast Mechanized Iron Ore Block having production capacity 1.0 MTPA and total excavation will be 1.0945 MTPA (1 MTPA of ROM Iron ore and 0.0945 MTPA of waste/overburden) in a mining lease area and project area of 131.58 ha. The conventional opencast mining is adopted with deep hole drilling and blasting with excavation by hydraulic excavator and dumper combination. Fully mechanized opencast mining method shall be adopted with excavator, loader, dumpers etc. for excavation work. Height & width of individual benches is proposed to be kept as 9m and 15m respectively. The conventional opencast method with utilization of excavator of capacity up to 4.2 m³, dumpers of capacity up to 40 MT, rock-breakers, deep-hole drilling and blasting will be adopted.
11. Green belt - A green belt in the 7.5 m wide safety zone along the periphery of the mine lease has been proposed. Multi-tier green belt shall also be established in a 10m buffer zone along the public road passing through the north of the project as well as Tehrei nala passing through the northwest and north of the project.
12. Water requirement - Total water requirement is estimated to be around 251 KLD for the mining operation, which included 187 KLD from surface water and 64 KLD from ground water.
13. Power requirement - Mine will receive power at 200 KVA from the nearby line of TP Western Odisha Distribution Limited. In case of power failure, diesel generators of total capacity 200 KVA will be used.
14. Manpower - The manpower required for the mine in unskilled, semi-skilled, skilled & other categories will be 176 persons of whom 75 will be statutory.
15. Traffic density survey was conducted at two locations namely, NH-520 near Kashira village (5.2 km, NW) and on road via Sargigarh village (0.5, NE). Traffic volume recorded was 10900 and 428 passenger car units per day, respectively. Based on observed traffic data and existing road width, current utilisation of maximum capacity of the road is 36.3% at NH-520 and 10.7% at Sargigarh.
16. Project cost - Total cost of the project is Rs. 152.00 crores. Capital EMP cost is Rs. 9.96 Crores & Recurring cost is Rs. 0.865 crores. Budget for PH commitments is Rs. 9.93 crores.
17. The Environment consultant M/s Centre for Envotech and Management Consultancy Pvt Ltd. (CEMC), Bhubaneswar along with the proponent made a presentation on the proposal before the Committee on 05.11.2022.
18. The SEAC in its meeting held on 05.11.2022 have recommended for grant of Environmental Clearance with stipulated conditions along with specific conditions.



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

1. **Whether SEAC recommended the proposal** – The proposal was considered in the SEAC meeting held on 05.11.2022 and the SEAC have recommended for grant of Environmental Clearance with stipulated conditions as per **Annexure-A** and following specific conditions. However, the Environmental Clearance shall be issued by the SEIAA, Odisha after receipt of Stage-I Forest Clearance from the proponent as stipulated in MoEF&CC, Govt. of India office memorandum no. J-11013/41/2006-IA.II(I), dated 09.09.2011 and office memorandum no. J-11013/41/2006-IA.II(I), dated 18th May, 2012.

- (i) The proponent shall utilize different grades of iron ore (ROM) and waste generated according to IBM guidelines.
- (ii) The proponent shall carryout compensatory afforestation for the project site.
- (iii) The proponent shall adopt additional measures for dust suppression.
- (iv) Conversion of Gochar / Grazing land involved in lease area shall be made before going for mining activity.
- (v) Rainwater harvesting structures shall be implemented.
- (vi) The lessee shall take adequate safeguard measures to ensure the free flow of the nearby tributaries/nallahs.
- (vii) The EC is limited to secondary crushing and screening operations (dry process) as per approved mining plan. Under no circumstances, the lessee shall carry out any beneficiation activity (wet process) of Low-Grade Ore.
- (viii) All the ores (45-55) and +55 grades shall be used and ores & rejects shall be transported as per approved mining plan for their use. Only temporary stacks shall be operated. The mine shall avoid segregation & generation of fines and flow of silt during rainy session.
- (ix) Green processes like Controlled drilling, Environment friendly blasting, safe transportation and conveying, silt-management shall be followed as per guidelines.

2. The proposal was placed in the 103rd meeting of SEIAA held on 13th-16th Dec'2022 and the Authority deliberated on the matter and decided the following:

“The SEIAA, based on the recommendation of SEAC, deems it appropriate to convey the PP the decision to accord EC, in terms of MOEF&CC OM No.J-11013/41/2006-IA.II(I) dated 09.09.2011. The formal EC shall be issued on submission of Stage-I Forest Clearance within 12 months.”

Now the PP has submitted the Stage-I Forest Clearance for the project as desired by SEIAA for consideration of EC.

Decision of Authority: After detailed deliberation in the matter, the Authority decided to grant EC for the project with stipulated conditions as recommended by SEAC.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

24



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

AGENDA NO.120.02	
Proposal No.	SIA/OR/MIN/403548/2022
Date of Application	31.10.2022
File No.	403548/766-MINB1/10-2022
Project Type	EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Mining of Iron Ore from Purheibahal Iron Ore Block Over an area of 64.337 Ha for Production of 1.0 MTPA of Iron Ore With Total Excavation – 1.064 MTPA. (Rom Iron Ore: 1.0 MTPA + Overburden 0.064 MTPA) Located At Villages-Badaindupur & Sanindupur, Tahasil – Koira, District – Sundergarh
Name of the company/Organization	M/s Rungta Mines Ltd.
Location of Project	Odisha
ToR Date	15.01.2021
Name of the Consultant	M/s Centre for Envotech and Management Consultancy Pvt Ltd,Bhubaneshwar

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 proposal is for environmental clearance of M/s Rungta mines Ltd. for Purheibahal Iron ore block over an area of 64.337ha. for production of 1.0MTPA of Iron ore with total excavation - 1.064MTPA (ROM Iron ore: 1.0MTPA + overburden 0.064MTPA) located at villages - Badaindupur & Sanindupur, Tahasil - Koira, District - Sundergarh of Sri Hirak Mazumder.
- (ii) The proposed project is a green field project for Production of 1.0 MTPA of Iron Ore with total Excavation 1.064 MTPA (ROM Iron Ore: 1.0 MTPA + Over Burden: 0.064 MTPA) of Purheibahal Iron Ore Block of M/s Rungta Mines Limited spread over 64.337 Ha in village Badaindupur and Sanindupur, Tahasil : Koira, District : Sundergarh, Odisha.
- (iii) Location: The area is bounded by the latitudes from 21° 54' 58.9174" to 21° 55' 34.84448" N and longitudes from 85° 17'24.51774I to 85° 18' 00.84765E as per DGPS survey of India Toposheet No. 73G/5 (F45N5). The project is located at village Badaindupur and Sanindupur under Koira Tehsil in Sundargarh district of Odisha State.
- (iv) The lease area does not fall under any CRZ areas. Proximity to CRZ areas is much beyond 10 kms from the lease boundary. The M.L area over 64.337ha comprises forest & non-forest land. According to the land schedule the total forest land is 29.642 Ha and the non-forest land is 34.695 Ha.
- (v) TOR Details - The Terms of Reference (ToR) was issued on 07.02.2022 vide letter no. 3995/SEIAA, by SEIAA, Odisha.
- (vi) Public Hearing Details - Public Hearing for Pureibahal Iron Ore Block was conducted on 03-08-2022 at open ground near Sanindpur Chowk in Sanindpur Village of Sundergarh District, Odisha. The public notice for the same was advertised in newspaper "The Times of India", & "The Sambad", on 28-06-2022. The issues raised during Public Hearing process are Air & Noise Pollution, Employment of local Youths and Peripheral developments, which are been duly

BV



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

addressed by the Management and a strategy for on-the ground implementation of the proposed plans.

- (vii) Mining Process: It is an Open Cast Mechanized method of mining with the deployment of major earth moving machineries like excavators, dumpers pay loaders & DTH drills and dumpers etc. The operation will be on general shift basis. The mine lease hold area is 64.337 Ha. The mining plan was approved by IBM vide letter No MP/A/20-ORI/BHU/2021-22 dtd. 24/11/2021.
- (viii) Green belt: During the plan period about 12.99ha. of dump, mineral storage area and haulage roads shall be planted with approximately 20,000 nos of trees. During conceptual period, maintenance of plantation/re-grassing will be done. Further, during ensuing plan period it has been planned to make gap filling plantation within safety zone area of lease boundary to achieve 2500 nos/ha of tree density.
- (ix) Water requirement: The total water requirement for the mine as per approved mining plan will be around 236 KLD for environmental maintenance and drinking & domestic purpose. It will be sourced from Teherai Nalla.
- (x) Power requirement: The power requirement will be met through DG sets of capacity 500 KVA. Possibilities will be explored to procure electric power from State Electricity Board as and when required from the power line of 11 KVA that is passing through the lease area.
- (xi) Manpower: The total manpower 140 numbers will be required for the project.
- (xii) Project Cost: Capital cost of the project is estimated to be Rs. 157 Crores, and capital cost for EMP is Rs. 2.47 Crores and annual recurring cost is Rs. 0.76 Crores.
- (xiii) Environment Consultant: The proponent along with the consultant M/s Centre for Envotech and Management Consultancy Pvt Ltd, Bhubaneshwar, made a detailed presentation before the SEAC on 05.11.2022.

The proposal was placed in the 103rd meeting of SEIAA and the Authority deliberated on the matter and decided the following:

The SEIAA, based on the recommendation of SEAC, deems it appropriate to convey the PP the decision to accord EC, in terms of MOEF&CC OM No. J-11013/41/2006-IA.II(I) dated 09.09.2011. The formal EC shall be issued on submission of Stage-I Forest Clearance within 12 months”

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

1. Whether SEAC recommended the proposal – The proposal was considered in the SEAC meeting held on 05.11.2022 and the SEAC have recommended for grant of Environmental Clearance with stipulated conditions as per **Annexure – A** and following specific conditions. **However, the Environmental Clearance shall be issued by the SEIAA, Odisha after receipt of Stage-I Forest Clearance from the proponent as stipulated in MoEF&CC, Govt. of India office memorandum no. J-11013/41/2006-IA.II(I), dated 09.09.2011 and office memorandum no. J-11013/41/2006-IA.II(I), dated 18th May, 2012.**

- (i) The proponent shall utilize different grades of iron ore (ROM) and waste generated according to IBM guidelines.
- (ii) The proponent shall carryout compensatory afforestation for the project site.
- (iii) The proponent shall adopt additional measures for dust suppression.
- (iv) Conversion of Gochar / Grazing land involved in lease area shall be made before going for mining activity.
- (v) Rainwater harvesting structures shall be implemented.
- (vi) The lessee shall take adequate safeguard measures to ensure the free flow of the nearby tributaries/nallahs.
- (vii) The EC is limited to secondary crushing and screening operations (dry process) as per approved mining plan. Under no circumstances, the lessee shall carry out any beneficiation activity (wet process) of low grade ore.

DAG

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023



(viii) All the ores (45-55) and +55 grades shall be used and ores & rejects shall be transported as per approved mining plan for their use. Only temporary stacks shall be operated. The mine shall avoid segregation & generation of fines and flow of silt during rainy session.

(ix) Green processes like Controlled drilling, Environment friendly blasting, safe transportation and conveying, silt-management shall be followed as per guidelines.


2. The proposal was placed in the 103rd meeting of SEIAA held on 13th-16th Dec'2022 and the Authority deliberated on the matter and decided the following:

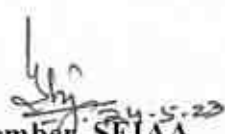
"The SEIAA, based on the recommendation of SEAC, deems it appropriate to convey the PP the decision to accord EC, in terms of MOEF&CC OM No.J-11013/41/2006-IA.II(I) dated 09.09.2011. The formal EC shall be issued on submission of Stage-I Forest Clearance within 12 months."

Now, the PP has submitted the Stage-I Forest Clearance for diversion of 34.162Ha of forest land for the project as desired by SEIAA for consideration of EC.

Decision Of Authority: After detailed deliberation in the matter, the Authority observed that as per the application & EIA/EMP report, forest area mentioned is 29.642 Ha. whereas the FC dated 11.05.2023 is granted for 34.162 Ha. forest land. Hence, the Authority decided that the PP needs to clarify the same.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 &
25.05.2023

AGENDA NO.120.03	
Proposal No.	SIA/OR/MIN/409777/2022
Date of application	08.12.2022
File No.	409777/767-MINB1/12-2022
Project Type	New proposal for EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of Minerals
Name of the Project	Proposal is for Environmental Clearance of M/s Rungta Mines Ltd. for the Jumka Pathiriposhi Pahar Iron Ore Block which has been allotted through auction. The total excavation will be 3.98 MTPA (ROM Iron Ore: 3.35 MTPA + waste: 0.63) by opencast mechanized method over a mining lease area of 158.509 ha. (Govt. forest land is 156.978ha, and Private land is 1.531ha.) located in villages - Batagaon ,Kensara Of Lahunipara Tahasil Of Sundargarh District And Village – Kadakala,Banspal Tahasil of Keonjhar district, Odisha of Sri Hirak Mazumder.
Name of the company/Organization	M/s Rungta Mines Ltd.
Location of Project	Villages- Batagaon ,Kensara Of Lahunipara Tahasil Of Sundargarh District And Village – Kadakala,Banspal Tahasil of Keonjhar district, Odisha
ToR Date	08.02.2022
Name of the Consultant	M/s. Centre for Envotech Pvt. Ltd.

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 proposal is for Environmental Clearance of M/s Rungta Mines Ltd. for the Jumka Pathiriposhi Pahar Iron Ore Block which has been allotted through auction. The total excavation will be 3.98 MTPA (ROM Iron Ore: 3.35 MTPA + waste: 0.63) by opencast mechanized method over a mining lease area of 158.509 ha. (Govt. forest land is 156.978ha, and Private land is 1.531ha.) located in villages-Batagaon, Kensara of Lahunipara Tahasil of Sundargarh District and Village- Kadakala,Banspal Tahasil of Keonjhar district, Odisha of Sri Hirak Mazumder.
 - (ii) The project falls under category “B” or activity 1 (a) - Mining of Minerals projects under EIA Notification dated 14th September 2006 as amended from time to time.
 - (iii)**Project Details:** M/s Rungta Mines Ltd. was declared as the “Preferred Bidder” for Jumka Pathiriposhi Pahar Iron Ore Block, as per auction conducted by Government of Odisha. The block covers 158.509 ha of land falling in villages Batagaon, Kensara (also known as Kedeshala) in Sundargarh District & village Kadakala in Keonjhar District of Odisha. The Project area comprises of 156.978 Ha. forest land and 1.531 ha non forest government land. The project area is presently a virgin land.
 - (iv)**TOR details:** Jumka Pathiriposhi Pahar Iron Ore Block has been awarded Terms of Reference (TOR) for preparation of EIA/EMP Report vide MOEF&CC’s letter no. IA-J11015/2/2022-IA-II(NCM) dated 18 February 2022.

Dr



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

- (v) **Public hearing details:** Public hearing was held in two districts in respect of M/s Rungta Mines Ltd. for proposed Jumka Pathriposhi Pahar Iron Ore Block. Public Hearing in Keonjhar district, was held on 09.09.2022 at 11:00 am at Kadakala playground, Khata No. 42 (Rakhita), Plot No.51/314/1, District Keonjhar and in Sundargarh district, it was held on 03.09.2022 at 10:30 am at Football playground, Kensara village, Bhutuda G.P., District Sundargarh. During public hearing, most of the people welcomed the project and raised few points related to generation of employment opportunity, provision of good school & education, water supply facility, establishment of healthcare unit, skill development, etc. Expenditure towards meeting the public hearing cost will come to Rs.264.7 lakhs (capital cost) and Rs. 172.7 lakhs (recurring cost).
- (vi) **Location and Connectivity:** The proposed Jumka Pathriposhi Pahar Iron Ore Block is located in villages of Batagaon, Kensara (also known as Kedeshala) in Sundargarh district & village Kadakala in Keonjhar District of Odisha. The mining lease area falls in the Survey of India Toposheet no. 73 G/1 (open series map F45N1). The area is bound by Latitude 21°47'32.62280" N to 21°48'54.81396" N and Longitude 85°12'13.87352" E to 85°13'25.32167" E. The block is connected by all-weather forest road currently and at a distance of 9.7km from Koida Town and 125.2km from District Sundergarh. Nearest railway station is Barsuan, 10.6 km WNW aerielly. The nearest civilian airports are situated at Rourkela (64 km, NNW), Ranchi (166 km, N) and Jharsuguda (120 km, W). Nearest Highway is NH – 520, Rajamunda to Rimuli Road-10.3km, N. There are no National parks, Wildlife Sanctuary, Biospheres reserves within 10 km radius. The nearest sanctuary is Simlipal Wildlife sanctuary at a distance of 89.03 km in E direction from the proposed project and elephant Reserve is Mayurbhanj at 58.78 km. There are five reserve forests (Sarkanda R.F. (2.9 km, NW), R.F. Near Anandapur (Bhabari Pahar) (7.8 km, NNE), Khajurdihi R.F. (0.8 km, NE), Khandadhar RF (6.4 km, SW), Torha R.F.(6.0 km, WNW) present within 10 km radius of the project. There is presence of Schedule-I species like Elephant, Indian Monitor Lizard and Sloth bear in buffer zone of study area.
- (vii) **Topography:** The iron ore block is located on a hill area with undulating topography. Elevation of core zone ranges from 914 m to 1042 m above mean sea level. General gradient of the mine lease area is towards the west with an occasional mound in the northern portion. Jumka Pathriposhi Pahar Iron Ore Block is free from any mining activity since it is a new mine. However, within the 10 km radius of the project there are several working as well as non-working iron/manganese mines.
- (viii) No prominent drainage pattern is developed over the lease hold area. There is no perennial nallah passes through the lease area. The Phulamanali nallah which is 2.6 KM SSW to the lease. The topography of the mine is such that no run off from the lease will meet the Nallah.
- (ix) **Seismicity:** The project is under very feeble to slight intensity Seismic zone II. The project area is not prone to floods, landslides or cloudburst etc.
- (x) **Status of Statutory Clearances –**
- ✓ Mining plan is approved from IBM vide letter no. IBM MP/A/18-ORI/BHU/2021-22 dated 24.11.2021.
 - ✓ Forest Clearance for 156.978ha. has been applied online vide proposal number FP/OR/MIN/150048/2021 on 10/12/2021 for diversion of 156.978 ha of forest land.
 - ✓ Surface Water withdrawal permission has been applied to Water Resources department vide application no. 2022040841000367on dt. 08.04.2022.
 - ✓ Site Specific Wildlife Conservation Plan is under preparation by Forest Department. Request letter was submitted to DFO Bonai Forest Division, Bonai, vide letter no. RSPL/BBL/GEO/2022-23/ dated 30.05.2022 for preparation and Approval of Site Specific Wildlife Conservation Plan of Jumka Pathriposhi Pahar Iron Ore Block.

Dof



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

(xi) **Total Reserves** - The iron ore block is a virgin/ new area. The entire mine lease area is mineralized. The entire resources estimated falls in 331, 332 & 333 category as G2 level. The area has been explored by GSI and MECL through 85 (29 by GSI and 56 by MECL) number of drill holes (5363.1 m) at a spacing of 200 X 200 m. The exploration confirms to G-2 category under UNFC guidelines. The Geological Reserve is 155.864 million tonnes and Mineable Reserves is 140.278 million tonnes while. The production table for 5 year is as follows

Y	Production proposal (MTPA)
st	0
nd	0
rd 3 year 2026-27 (From 27.10.2026 to	1.432 (for 156 days/five months only)
th	3.35
th	3.35

- (xii) **Mining method:** Opencast mechanised mining method has been chosen for the proposed Jumka Pathiriposhi Pahar Iron Ore Block. Fully mechanized opencast mining method shall be adopted with excavator, loader, dumpers etc. for excavation work. Height & width of individual benches is proposed to be kept as 10 m and 18 m in ore and 10 m and 12 m in OB respectively. The conventional opencast method with utilization of excavator of capacity up to 4.2 m³, dumpers of capacity up to 30/40 MT, rock-breakers, deep-hole drilling and blasting will be adopted. The overall pit slope would be kept 45°.
- (xiii) **Waste Generation and Management** - During the five year of mining plan period, 481073 cum of waste will be generated. The alluvial soil capping the rock bed is the loosen OB that exists in some part of the block. This will be removed separately and simultaneously used for plantation. Only temporary storage for top soil is proposed. It will be stored on 7.301 ha of land. The maximum height of the OB dump during plan period will be 50 m (wrt 948 mRL on south side) and 20 m (wrt 978 mRL wrt the adjoining areas). The top of the OB dump will be at 998 mRL compared to 948 mRL of the adjoining area. The height of the OB dump will be enhanced due to dumping of more and more waste, which will be generated during proposed period of mining after plan period. Although, backfilling is not proposed during initial 5 year plan period, as reserve of iron ore in the proposed quarry will not be exhausted, but after OB dumping on 7.301 ha, the balance waste generated till end of the mine will be used for backfilling.
- (xiv) Life of Mines is 50 years from execution of mine lease.
- (xv) **Water requirement:** Total requirement of water is estimated at 464 KLD. Out of which, for Drinking purposes, ground water will be used is 94 KLD and surface water will be used for Mining purposes, either from Phulamanali Nala or harvested rain water is 370 KLD. Water will be utilized for green belt development (30KLD), sprinkling on haul roads/dust suppression (24KLD), drinking & domestic purpose in mine, camp outside lease and periphery, High Pressure water jet in Crushing and screening (95KLD) and Miscellaneous (5KLD).
- (xvi) **Wastewater management:** No wastewater is anticipated from mining activities. Domestic sewage will be treated to the norms prescribed by regulatory agencies prior to reuse. The mine will be zero discharge except during monsoons. The domestic wastewater from facilities in the mines will be treated in septic tanks with soak pits. There shall be a rainwater harvesting pond in the mine lease area.

Dr



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

- (xvi) **Power Requirement:** The total power requirement for the mine will be about 200 KVA which shall be sourced from the nearby line of TP Western Odisha Distribution Limited. In case of power failure, generators of total capacity 200 KVA will be used.
- (xviii) **Flora/Fauna:** Within core zone 20 species of trees, 4 species of shrubs, 3 species of climbers and 2 species of grasses are present. Common native species such as Arjun, Bel, Char, Kendu, Jamun, Neem, Palas, etc. are also present in the core area. 4 species of mammals, 2 species of reptiles, 5 species of birds were recorded from the core zone. Avifaunal species found are House Crow, House Sparrow, Pigeon etc. Mammals found are squirrel, cat, mongoose and rat. Reptiles reported are krait and rat snake. Three Schedule I animal namely, Elephant, Sloth bear and Indian Monitor Lizard has been reported in the buffer area.
- (xix) **Green belt:** Till the end of life of mine, greenbelt having width 7.5 m on 5.77 ha land shall be developed with. A budget of Rs. 5.85 lakhs (capital cost) and Rs. 8.52 lakhs/ annum (recurring) is proposed towards green plant & plantation. Plantation around various facilities, on dump, mined out areas, dismantled facility area and along periphery shall be undertaken in a phased manner. Plantation shall be started from third year of mining and continued till conceptual period. An estimated 2500 trees per ha shall be planted. Plantation will attract small fauna and birds and serve as micro habitats.
- (xx) **Baseline study** of the study area was conducted during previous winter season i.e. from 01.12.2021 to 28.02.2022. Following results were obtained:
- **Ambient Air Quality** - Monitoring made in 8 locations & results shows the values of PM₁₀ 28.4 to 44.8 $\mu\text{g}/\text{m}^3$, PM_{2.5} was found to vary from 16.3 to 20.9 $\mu\text{g}/\text{m}^3$, SO₂ from 1.1 to 6.6 $\mu\text{g}/\text{m}^3$ and NO₂ from 2.0 to 6.6 $\mu\text{g}/\text{m}^3$. The CO level were ranged from Below Detectable Limit to 0.987 mg/m^3 , Nickel, Arsenic and Lead was found Below Detectable Limit (BDL) of <0.6 ng/m^3 ; <0.4 ng/m^3 ; <0.07 $\mu\text{g}/\text{m}^3$ respectively. The maximum incremental values due to mining, in absence of any control measures, have been estimated as 1.806 $\mu\text{g}/\text{m}^3$ for PM₁₀ and 1.038 $\mu\text{g}/\text{m}^3$ for PM_{2.5} within ML at the air quality monitoring location. Incremental has been estimated as 1.337 $\mu\text{g}/\text{m}^3$ for SO₂ and 22.410 $\mu\text{g}/\text{m}^3$ for NO₂ at the ML boundary. The ore will be transported by road through trucks. The maximum incremental values due to transportation have been estimated as 5.60 $\mu\text{g}/\text{m}^3$ for PM₁₀, 1.36 $\mu\text{g}/\text{m}^3$ for PM_{2.5}, 0.05 $\mu\text{g}/\text{m}^3$ for SO₂ and 2.35 $\mu\text{g}/\text{m}^3$ for NO_x at a distance of 20 m from the road. When these incremental GLC are added to the baseline air quality level, the resultant 24 hours average air quality has been found well within the limits specified in the National Ambient Air Quality Standards.
 - **Noise Quality** - The noise levels were measured at eight stations in core and buffer zone located in residential areas. The noise levels observed during day time varies from 45.31 to 51.66 dB (A) and at night time varies from 36.30 to 40.34 dB (A). All the noise values observed are well within the limits prescribed by National Ambient Air Quality Standards for Noise.
 - **Surface water quality** - monitored in 8 locations and pH range from 6.8 to 7.4., total dissolved solids – 30mg/L to 76mg/L, Iron content is BDL – 0.40mg/L, Chloride content ranges from 4mg/L to 14mg/L, sulphate content ranges from 1mg/L to 6mg/L, Fluoride content is BDL, Magnesium content ranges from 2mg/L to 7mg/L. All other parameters were also found to be within the permissible limits.
 - **Ground water quality** - monitored in 8 locations and pH ranges from 6.7 to 7.8., total dissolved solids ranges from 30mg/L to 268mg/L, total Hardness as CaCO₃ ranges from 16mg/L to 48mg/L, total alkalinity ranges from 20mg/L to 243mg/L. Iron

Dr



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

content is BDL – 0.88mg/l, Chloride content ranges from 4mg/L to 14mg/L, sulphate content is BDL – 3mg/l, Fluoride content is BDL – 0.24mg/l, Magnesium content ranges from 1mg/L to 22mg/L. All other parameters were also found to be within the permissible limits.

- **Soil quality** - Top soil samples were collected from core & buffer zone, from four locations. Samples were collected from North and South side of core zone and in buffer zone from Kedeshala and Batagaon villages. Particle size analysis shows that the texture of the soil is fine to medium grained sand with reddish colour. pH has been observed to be acidic with low electrical conductivity. Organic carbon is high at all locations. The phosphorus and nitrogen content at all locations is low to high.

(xxi) Traffic density survey was conducted at three locations namely, near Jaldihi village (3.1 km, NE), near Batagaon village (1.3 km, SW) and Shilgurha village (8.7 km, W). Traffic volume recorded was 24, 32 and 3596 passenger car units per day, respectively. Based on observed traffic data and existing road width, current utilisation of maximum capacity of the road is 1.41 % at Jaldihi, 1.88% at Batagaon and 17.98% at Shilgurha.

(xxii) Land Use/ Land cover – The land utilization plan as per the table:

Land ownership	Area	%
A. Forest		
A. Revenue Forest	9.175	5.76
Proposed Reserve Forest	147.803	93.24
Grand Total	156.978	99.04
B. Non-Forest Land	1.531	0.96
Total	158.509	100

Land Use	Area in Ha.
Forest	156.978
Agricultural Land	0
Surface water Bodies	0
Settlements	0
Road	0
Grazing land	0
Barren land	0
Waste Land	1.531
Total	158.509

25.05.2023



Sl. No.	Particulars	Area in ha.
1.	Mined out area	120.796
2.	Overburden/Waste dumping	7.301
3.	Ore stock yard	9.29
4.	Temporary Office, weigh bridge etc.	3.0
5.	Mine Road	8.012
6.	Rain water harvesting pond	0.52
7.	Mobile Crushing & Screening plants	3.82
8.	Others (Plantation etc.)	5.77
Tota		158.509

- (xxiii) **Manpower:** The manpower required for the mine in unskilled, semi-skilled, skilled & other categories will be 258 persons.
- (xxiv) **Project Cost:** The expected cost of the project is Rs. 380 crores. The investment on only environmental monitoring has been envisaged as Rs. 60.73 lakhs and recurring expenditure is envisaged as Rs. 32.91 lakhs per year.
- (xxv) **Environment Consultant:** The proponent along consultant M/s. **Centre for Envotech and Management Consultancy Pvt. Ltd., Bhubaneswar**, along with the proponent made a presentation on the proposal before the Committee on 23.12.2022.
- (xxvi) Any deficiencies/omission have been noticed in the above documents-KML file is not as per SOP.

1. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 27.03.2023 and the SEAC recommended the proposal for grant of EC with following specific conditions:
- Environmental Clearance shall be issued by the SEIAA, Odisha after receipt of Stage-I Forest Clearance from the proponent as stipulated in MoEF&CC, Govt. of India office memorandum no. J-11013/41/2006- IA.II(I), dated 09.09.2011 and office memorandum no. J-11013/41/2006-IA.II(I), dated 18th May, 2012.
 - The proponent shall utilize different grades of iron ore (ROM) and waste generated according to IBM guidelines.
 - The proponent shall carry out compensatory afforestation for the project site. c) The proponent shall adopt additional measures for dust suppression.
 - Conversion of Gochar / Grazing land involved in lease area shall be made before going for mining activity.
 - Rainwater harvesting structures shall be implemented.
 - The lessee shall take adequate safeguard measures to ensure the free flow of the 3 nearby tributaries/nallahs.
 - The EC is limited to secondary crushing and screening operations (dry process) as per approved mining plan. Under no circumstances, the lessee shall carry out any beneficiation activity (wet process) of low-grade ore.
 - All the ores (45-55) and +55 grades shall be used and ores & rejects shall be transported as per approved mining plan for their use. Only temporary stacks shall be operated. The mine shall avoid segregation & generation of fines and flow of silt during rainy session.
 - Green processes like Controlled drilling, Environment friendly blasting, safe transportation and conveying, silt-management shall be followed as per guidelines.
 - NEERI recommendations particularly related to SOTM shall be complied at the earliest possible and an undertaking to that effect indicating timeline shall be submitted before start of

D3



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

operations.

2. The proposal was placed in the 116th meeting of SEIAA held on 26th-27th April 2023 and after detailed deliberation in the matter, the Authority decided that the project proponent (PP) is required to submit the Stage-I Forest Clearance. Further, the plan as per NEERI recommendations particularly related to SOTM should be complied with.

Now the PP has submitted an undertaking in regard to Stage-1 FC for consideration of EC.

Decision of Authority: After detailed deliberation on the matter, the Authority decided to convey the PP the decision to accord EC, in terms of MoEF & CC, GoI OM No.J-11013/41/2006-IA.II(I) dated 09.09.2011. The formal EC shall be issued on submission of Stage-1 FC within 12 months.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

DM



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 &
25.05.2023

AGENDA NO.120.04	
Proposal No.	SIA/OR/MIS/296453/2023
Date of application	10.01.2023
File No.	239247/60-MIS/11-2021
Project Type	Amendment of EC
Category	B
Project/Activity including Schedule No.	8(a)-Building and Construction project
Name of the Project	Proposal for amendment of EC for building and construction of LS+US+12 multi storied residential apartment building plan with Commercial Facility with total built -up area was 43,223.23 sqm in Mouza: Patapur, Dist: Cuttack, Odisha issued in favour of M/s. Saswat Infrastructure
Name of the company/Organization	M/s. Saswat Infrastructure ^l
Location of Project	Mouza: Patapur, Dist: Cuttack, Odisha
ToR Date	N/A
Name of the Consultant	M/s Center for Envotech & Management Consultancy Pvt. Ltd.

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 amendment of environmental clearance of M/s. Saswat Infrastructure Pvt Ltd for proposed LS+US+12 multistoried residential apartment building over a built-up area 47036.87 sqm at Patapur, in the district of Cuttack in Odisha of Sri Swadesh Kumar Routray.
2. **Category:** The project requires prior Environmental Clearance under the provisions of EIA Notification, 2006 and subsequent amendment and falls under Category B of activity 8(a)-Building & Construction projects
3. **Project details:** The Environment Clearance had been obtained from SEIAA, Odisha vide letter no.239247/60-MIS/11-2021, dated 27.12.2022 for proposed LS+US+12 multistoried residential apartment building with commercial facility with built up area 43223.23 sqm. Now the proponent has amended the proposal for construction of proposed LS+US+12 multistoried residential apartment building with built up area 47036.87 sqm. for M/s Saswat Infrastructure Pvt. Ltd. at Patapur, in the district of Cuttack in Odisha.
4. **Location and connectivity:** The proposed site is located at Mouza-Patapur, Dist-Dist- Cuttack, Odisha. The geographical co-ordinates of the project site is bounded by Latitude – 20°26'51.52"N & Longitude - 85°50'0.98"E. River Kathajodi is flowing at a distance of 200 metres in the North direction. The nearest railway stations are Barang at 5.5 Km. Cuttack Railway Station is 7.2 km from project site and Bhubaneswar Railway Station is at a distance of 20 Km (by road) from Project site. The nearest Airport is Biju Patnaik Airport, Bhubaneswar, which is approx. 23 km (by road) from the project site.
5. **Drainage Pattern:** The study area is drained by several streams of different order. Treated wastewater will be dispose to the Kathajodi River after maintaining the waste disposal standard.
6. **Building Details:**

Dr



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

Particular	As per EC dated 27.12.2022	Amendment of EC
Project Name	Proposed LS+US+12 Multistoried Residential Apartment Building with Commercial Facility	Proposed LS+US+12 Multistoried Residential Apartment Building
Plot Area	9432.52 Sqm	9432.52 Sqm
Ground Coverage	3743.02 sqm (39.99 %)	3224.51 sqm (34.18 %)
FAR (Floor Area Ratio)	3.632	3.846
FAR Area	34259.91 sqm	36006.72 sqm
Built up Area	43223.23 sqm	47036.87 sqm
Maximum Height	45.04 m	46.24 m
Total Parking Area	8735.66 sqm	8735.06 sqm
Green Belt Area	1933.66 sqm (20.5 %)	1933.66 sqm (20.5 %)
Road Area	1829.66 sqm	1829.66 sqm
Parking Area	Covered – 8296.65 sqm Open – 439.01 sqm Total – 8735.66 sqm	Covered – 8296.65 sqm Open – 439.01 sqm Total – 8735.66 sqm
Maximum No. of Floor	LS+US+12	LS+US+12
Power/Electricity Requirement & Sources	Total – 1566.6 KW Source: TPCODL	Total – 1566.6 KW Source: TPCODL
No. of DG sets	1x200 KVA & 1x82.5 KVA	1x200 KVA & 1x82.5 KV/
Water requirement	137.2 KLD (Fresh)	162.0 KLD (Fresh)
Sewage Treatment Plant	STP Capacity - 200 KLD	STP Capacity - 230 KLD
Estimated Population- Residential, Commercial, Floating/visitors	Residential - 1477 Nos. Floating – 148 Nos. Commercial- 58 Nos.	Residential - 1781 Nos. Floating – 79 Nos.

7. **Water requirement:** Fresh make up of 162.0 m³ /day will be required for the project which will be sourced from Ground water.

Sl. No	Description	Total Population	Per Capita Consumption (ltr/day)		Water Requirement (KLD)		
					Domestic	Flushing	Total
i)	Residential	1781 nos.	Fresh (90)	Flushing (45)	160.3	80.1	240.4
ii)	Floating	79 nos.	Fresh (20)	Flushing (25)	1.6	1.9	3.5
Total					161.9≈162	82.0	243.9≈240

8. **Waste disposal:** The site is not coming under Cuttack municipal corporation development area. So, all the solid waste generated will be handed over to a CMC approved vendor. Treated wastewater will be dispose to the roadside nala after maintaining the waste disposal standard.
9. **STP:** Every building generates wastewater amounting about (80 % of fresh water consumed + 95 % of flushing water). The major source of wastewater includes the grey water from kitchens.

DW



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

bathrooms and black water from toilets. It is expected that the project will generate approx. 207.5 m³/day of wastewater. The wastewater will be treated in the STP of capacity of 230 m³/day provided within the complex. Out of which 197.1 m³/day will be recycled within the project for flushing (82.0 m³/day), landscaping (18.5 m³/day), STP loss (10.4 m³/day) & dust suppression in road area (12.8 m³/day) and 83.8 m³/day surplus in Non monsoon period and 115.1 m³/day will be generated which will be discharged to the drain.

10. **Rainwater harvesting:** 18 numbers of rainwater harvesting pits at selected locations, which will catch the maximum run-off from the area are proposed for this project. Rainwater harvesting has been catered to and designed as per the guideline of CGWA. Peak hourly rainfall has been considered as 120 mm/hr. The recharge pit of size 2.0 m dia., and 2.5 m effective depth is constructed for recharging the water. At the bottom of the recharge well, a filter media is provided to avoid choking of the recharge bore.
11. **Greenbelt:** About 3 m wide all around the proposed project has been provided for development of trees in two rows. The plantation matrix adopted for the green belt development includes pit of 0.3 m x 0.3 m size with a spacing of 2 m x 2 m. Multi-layered plantation comprising of medium height trees (7 m to 10 m) and shrubs (5 m height) are proposed for the green belt. Total green area after amendment remains same i.e. 1933.66 sqm (20.5 %) of the plot area
12. **Solid waste generation:** Around 85 kg/day of STP sludge will be generated. From the residential complex solid waste in form of food waste from kitchen and miscellaneous waste will be generated @ 0.45 kg/person/day, which will be about 801.5 kg/day.

S. No.	Category	Counts (heads)	Waste generated
i)	Residents	1781 @ 0.45	801.5
ii)	Floating	79 @ 0.15 kg/day	11.9
iii)	STP sludge		85.0
TOTAL SOLID WASTE			898.4kg/day

13. **Power requirement:** The total consolidated electrical load estimate for proposed project is about 1566.6 KW. Power will be supplied by 1468.36 KW source of TPCODL of Odisha State Electricity Board. Also, in case of power cut, 100 % power backup generator will be provided for common uses only. For this purpose diesel generator having 200 KVA (1 no.) & 82.5 KVA (1 no.) capacities will be provided. There are 80 nos of Solar Lighting poles (@72 Watt with panel for generation) has been proposed for Street lighting. Assuming, only 4 hours of sunlight available throughout the day time, therefore electrical energy generated by 67 nos. of PV solar panel per day is 92.44 KW.

14. **Parking details:**

Parking Area Provided			
Covered Parking Area			8296.05 sqm
Open Parking Area			439.01 sqm
Total Parking	--	--	8735.06 sqm
Equivalent Car Space Provided			
	Area(sqm)	Area/ECS	
Covered Parking Area	8296.05	28	297 ECS
Open Parking Area	439.01	25	18 ECS
Total Parking Provided			315 ECS
Visitor Parking Provided (10%)			772.18sqm

Dsr



**Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 &
25.05.2023**

15. **Project cost:** The estimated cost of the project is 60 crores. Cost for environment management 1.8 crores.
16. **Environment Consultant:** The Environment consultant **M/s Centre for Envotech and Management Consultancy Pvt. Ltd, Bhubaneswar** along with the proponent made a presentation on the proposal before the Committee.
17. The SEAC in its meeting held on dated 14.02.2023 decided to take decision on the proposal after receipt of the following from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
i)	Comparative statement of all parameters of EC of existing project and proposed modification.	Comparative statement of all parameters of EC of existing project and proposed modification are attached in Annexure - 1	Annexure 1 is attached and complied.
ii)	Copy of approval letter of revised building plan.	CDA Letter along with Drawing is attached in Annexure - 2 .	CDA letter along with drawing is attached as Annexure 2 vide letter no 10519 dated 17.10.2022.

1. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 12.04.2023 and the SEAC recommended the proposal for grant of EC with standard and mentioned specific conditions as follows:
- “Khatian” (Patta after Mutation) for the entire land from the appropriate Revenue Authority with ‘Kisam’ as Gharabari shall be obtained along with ownership before which construction work shall not start. **The Proponent before implementation of the project shall convert the land to Gharabari and shall take the ownership of the land if not already taken.**
 - The Proponent shall obtain permission from the appropriate authority for discharge of excess treated water if any to the nearest existing drain. Also in case of the connecting drain passing through others land (Govt. or Private land), the Proponent shall obtain the permission and possession as the case may be. For construction of drain, the land shall be made encroachment free by the appropriate authority and drain shall be constructed thereafter with required permission including permission to discharge treated water.**
 - The proponent shall use solar energy of 5% as proposed with installation of PV cell of required capacity.
 - To reduce discharge of treated water to open drain, the proponent shall use more water for increased number of trees proposed to be planted in the green belt area & shall also utilize this treated water for car washing, floor washing to minimize the surplus discharge to drain.
 - The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.
 - All the compliances submitted/ committed by PP (s) shall be strictly adhered to by them.**
2. The proposal was placed in the 118th meeting of SEIAA held on 06.05.2023 and the Authority observed that amendment of EC has been sought for increasing in the FRA area, built-up area, building

DW

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

height, water requirement, STP capacity and estimated population. However, there is increase in the residential population from 1477 to 1781 without commensurate increase in parking area.

After detailed deliberation, the Authority decided that the project proponent is required to clarify the above point.

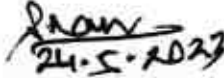
Now the PP has submitted the ADS raised by SEIAA for consideration of EC.

Decision of Authority: The Authority observed that the PP has not replied to the issue raised in the ADS dated 16.05.2023. Instead, the reply of PP vide letter dated 'Nil' shows only a comparative area statement. After detailed deliberation on the matter, the Authority **decided to reject** the application for amendment of EC. The PP is required to submit proposal afresh with complete information.

APPROVED BY


Member Secretary, SEIAA


24-5-23
Member, SEIAA


24.5.2023
Chairman, SEIAA



**Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 &
25.05.2023**

AGENDA NO.120.05	
Proposal No.	SIA/OR/MIN/77359/2017
File No.	77359/734-MINB1/05-2022
Project Type	Fresh EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Mining of Iron Ore from Netrabandha Pahar Iron Ore Block with Total Excavation of 2.680 MTPA [2.0 MTPA (ROM), OB-0.680 MTPA] along with 2x100 TPH Mobile Crusher in the mine lease area of 139.223 Ha, located at village Baladihi, Tehsil Koira, District Sundargarh.
Name of the company/Organization	M/s Bhushan Power and Steel Limited
Location of Project	Odisha
ToR Date	15.01.2021
Name of the Consultant	M/s Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar

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 EC for mining of iron ore from Netrabandha Pahar Iron Ore Block with Total Excavation of 2.680 MTPA [2.0 MTPA (ROM), OB- 0.680 MTPA] along with 2x100 TPH Mobile Crusher in the mine lease area of 139.223 Ha, located at village Baladihi, Tehsil Koira, District Sundargarh by M/s Bhushan Power and Steel Limited filed by Sri. Rakesh Kumar Khandelwal, (EVP-cum-Whole Time Director)
- (iii) Netrabandha Pahar iron ore block mining lease was granted in favour of M/s Bhushan Power & Steel Limited (BPSL) for period of 50 years through e-auction process for winning iron-ore for non-captive purpose. Government of Odisha has issued the Letter of Intent (LoI) for grant of mining lease for Netrabandha Pahar Block for Iron Ore over an area of 139.00 Ha vide its letter no.5283/SM.IV(Misc)SM- 52/2017/SM, dt. 24.06.2017. The corrigendum was issued for 139.223 Ha vide letter no. IV(Misc)SM-52/2017/6285/SM, dt. 27.07.2017 and further, it was extended for a period of 6 months vide letter no.4493/ SM-MC1-MISC-0051-2021 Dt. 11.05.2022. Mining Plan and Progressive Mine Closure Plan was approved by IBM vide Letter No: MP/FM/13-ORI/BHU/2017-18, dated 18.10.2017.
- (iv) BPSL was sub-judice at National Company Law Tribunal (NCLT) since July 2017 and it was managed by Resolution Professional appointed by the Committee of Creditors (COC) till 25th March, 2021. M/s JSW Steel Limited, India's largest steel producer, was the successful Resolution Applicant approved by COC and has taken over possession and management control of BPSL on 26th March 2021, after approval of NCLT. The unit continues to operate with the same name "Bhushan Power & Steel Limited". The project shall continue to undertake statutory clearances and operate in future under the name of "Bhushan Power & Steel Limited" even though the management possession and management control is with M/s JSW Steel Limited.
- (v) As per LS [Hal-Sabik] certified by Tahasildar, Koira & Director of Mines, Odisha vide Lr.No.359 dated: 08.02.2022 and subsequently vetted by M/s ORSAC, total lease area includes Forest: 112.621 ha and Non-Forest:26.602 ha. Forest Clearance under FC Act,1980 for diversion of 112.621 ha of forest land has also been applied vide Proposal No. FP/OR/MIN/26965/2017 dated

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023



- 05.07.2017. on 2nd August 2022 FC meeting was conducted and minutes of meeting are awaited. Site Specific Wild Life Conservation Plan is under approval stage.
- (vi) TOR was issued by MoEF&CC, Govt. of India vide letter F.No.IA-J-11015/51/2021-IA.II(M) dated 04th August 2021 for undertaking detailed EIA studies for the project.
- (vii) Baseline monitoring studies has been carried out for the period October 2021 to December 2021 (Winter Season).
- (viii) Public Hearing for this project was conducted on 27.04.2022 at 11.00 A.M at Open ground near Khajuridihi Chowk Baladihi Village under Koira Tehsil of Sundargarh District. The major issues raised in the public hearing were on provision of employment to local people, education, health & medical facilities, electrification of street lights, school bus facility, construction of check dams, water pollution, peripheral development and welfare activities, road maintenance, tree plantation, supply of drinking water facility, R & R for affected families, etc. Action plan for fulfilling the PH commitments has been made.
- (ix) Location & Environmental Sensitivity: The geo-coordinates of the mine lease area is Latitude: 21°52'05.242"N- 21°52'54.542" N, Longitude: 85°17'10.449"E- 85°17'56.810" E. There is no National Park, wildlife sanctuary, biosphere reserve within 10 km radius of the Mine. However, Karo - Karampada elephant corridor is located at about 13.31 km from the mine lease area in NNW direction. Two seasonal nalas are passing in ML area Khajuridihi seasonal nala is passing through the southern side and other one at Norther side of ML area. Porhadihi Nala (0.3 km, SSE) are the nearest water bodies. Baladihi and Biradihi villages are adjacent to the ML area in NE and E direction. The NH-215 passes at 4.7 km NW of the project site. Nearest major railway stations is Nayagarh RS 14.2 km, E.
- (x) Production & Mining Details: Netrabandha Pahar Iron Ore Block proposes to produce total excavation of 2.680 MTPA (2.0 MTPA (ROM)+ OB 0.680) along with 2x100 TPH Mobile Crusher in mine lease area of 139.223 ha located at Baladihi village, Koira Tehsil, Sundargarh District, Odisha. Total mineable reserves are 64.577 million tonnes (Mt) as per the approved mining plan. The mining is proposed to be carried out by fully mechanized method by deployment of earth moving machineries like crawler mounted drill rig, air compressor, backhoe shovels, rock breaker, 25 tonner dumpers etc., will be adopted. During the ensuing plan period, it has been envisaged to make the production of 8 MTPA ROM. Both lateral and depth ward development has been proposed to be undertaken to achieve the targeted production.
- (xi) The benches will be developed systematically following the terrain condition of the area to attain the production of iron ore of 2 million tonnes per annum at the end of 3rd year. The height and width of the benches will be kept at 6m and 10 m respectively for easy vehicular movement. The individual bench faces will be kept at 800 whereas the overall quarry slope angle is proposed to be kept at around 45° with the horizontal. Massive hard iron ore beds/ boulders will be loosened through drilling and blasting. Drilling will be carried out by means of 115 mm dia crawler drill with 610 HP compressor. For secondary breaking hydraulic rock breaker will be deployed. Thus, secondary drilling and blasting is eliminated. Blasting will be carried out with the help of explosives (slurry type) boosters and ANFO and class-VI explosives (TLD, electric detonators and detonating fuse). ROM with SLO, fines, BD will be fed directly to 4x150 TPH mobile screening plants and these screening plants will also be fitted with grizzly. The oversized materials will be fed to 2x100 TPH mobile crushing plant.
- (xii) Water Requirement: Total water requirement for the proposed project is about 167 KLD which will be met from Teherai Nala, Ground water and Rainwater. CGWA Application for withdrawal of 4 KLD is applied vide application. no. 21-4/3719/OR/MIN/2022 Dt 24/05/2022 and application for surface water withdrawal is yet to be submitted.
- (xiii) No effluent will be generated due to mining. Sewage generated from toilet blocks would be disposed through septic tank and soak pits/STP.

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023



- (xiv) Power Requirement: Total power requirement for the proposed project is 2.5 MW which will be sourced from WESCO. Subsequently, after getting necessary permission from concerned department, power line will be utilized and DG will be used for emergency purpose.
- (xv) **Waste Generation & Management:** During the five year of mining plan period 1166241cum of waste will be generated. The alluvial soil capping the rock bed is the loosen OB that exists in some part of the block. The thickness of the OB is about 1.0 m. This will be removed separately and simultaneously used for plantation. Only temporary storage for top soil is proposed. Proposed generation of waste will be dumping in waste dump site and in the conceptual stage, which will be used for backfilled in 45.632 ha area within mined out pit.
- (xvi) **Rainwater Harvesting:** During the Initial stage of mining BPSL will be considering 3 no of RWH ponds of 6x3x2m which can accommodate 108 cum of rainwater, Considering Total RWH pit as 0.066 ha and with a total annual rainfall of 1300 mm and runoff coefficient as 0.65 with a depth of 5 m, it is estimated to harvest 2778.5 cum/annum of rainwater.
- (xvii) Schedule-I species reported in the study area namely Bison, four horned Antelope, elephant, Leopard cat, Indian Pangolin, Peacock, Indian retel, Flying squirrel, Mouse deer, sloth bear, Rock python. However, they were never spotted/reported in the ML area by locals.
- (xviii) To reduce fugitive dust emissions due to handling of ore, dust suppression systems will be installed at appropriate locations. Plain water type dust suppression system will be provided all around the ore stockpiles. In crushing and screening plant, all dust control measures will be adopted to control the dust emissions within prescribed limit.
- (xix) The Netrabandha Pahar Iron Ore block project of M/S BPSL is adjacent to Baladihi village. Based on the requirement of the project BPSL will acquire 12.787 Ha of private land from the Baladihi village. 53 households of Baladihi village will be affected as either their lands or houses will be acquired for the mining. The compensation and other R&R benefits will be fixed as per the Right to Fair Compensation and Transparency in land acquisition, Rehabilitation and Resettlement Act, 2013 (RFCT LARR Act, 2013).
- (xx) 66.785 ha greenbelt will be developed in the backfilled area, bench plantation, safety zone along both sides of the road and Khajurdihi nala. Greenbelt will be developed in non-operating areas. Shrubs and trees will be planted in encircling rows around the project site. About 3.783 ha is proposed to develop in the first 5 years plan period.
- (xxi) The total capital investment for the proposed mine facilities is about Rs. 205 crore which includes the cost of mine development, plant & machinery, utility facilities. The proposed EMP cost is about Rs. 9.5 crore as capital cost & Rs. 2.75Crores as recurring cost and about Rs. 220 lakh under CSR are proposed for 3 years.
- (xxii) The proposed mine will boost the socio-economic profile of the region and will act as an engine of economic growth for the country and will open-up employment opportunities for the local people in the region.

1. **Whether SEAC recommended the proposal-**Yes, the SEAC recommended for grant of Environmental Clearance in its meeting held on 12.10.2022 with stipulated conditions. **However, the Environmental Clearance shall be issued by the SEIAA, Odisha after receipt of Stage-I Forest Clearance** from the proponent as stipulated in MoEF & CC, Govt. of India office memorandum no. J-11013/41/2006-IA. II(I), dated 09.09.2011 and office memorandum no. J-11013/41/2006-IA.II(I), dated 18th May, 2012.
2. The proposal was placed in the 114th meeting of SEIAA held on 19th-21st April 2023 and the Authority decided to deferred the proposal for next meeting.

Dr




Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

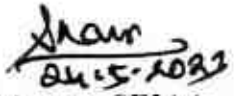
Decision of Authority: The Authority observed that the PP has received FC under section 2(iii) & has paid the NPV for the entire forest land. In view of this, the Authority decided to grant EC with the following specific condition.

1. The EC is issued for execution of the lease agreement. The PP is required to submit Stage-I FC within 12 months.
2. Grant of CTO to the project shall be subject to fulfilment of condition no.1 above.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

Dr




Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

AGENDA NO.120.06	
Proposal No.	SIA/OR/MIN/416474/2023
Date of application	31.01.2023
File No.	416474/867-MINB2/02-2023
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 Luakera Sand Bed over an area of 12.00 Acres or 4.856 Ha having Khata No.78, Plot No. 247/755/P in village Luakera under Rourkela Tahasil of Sundargarh District, Odisha.
Name of the company/Organization	M/s. LAXMI EXPORTS D.No-6-18-3/1C, LIG Plot No-4, Beside Sai Sadan Apartments, East Point Colony, Chinawaltair, Visakhapatnam,02-Andhara Pradesh,91-India,530017.
Location of Project	Odisha
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.
 - (i) This is a proposal for mining of sand from of Luakera Sand Bed over an area of 12.00 Acres or 4.856 Ha having Khata No.78, Plot No. 247/755/P in village Luakera under Rourkela Tahasil of Sundargarh District, Odisha.
 - (ii) The mining area is a part of Survey of India Toposheet No. F45G15 bounded by Latitude: 22°16'15.38" N to 22°16'28.23" N and Longitude: 84°48'57.29" E to 84°49'12.72" E.
 - (iii) The mining lease is an identified sairat source in the DSR. The Luakera Sand Bed sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Rourkela to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
 - (iv) Documents submitted: -Form-1, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
 - (v) Distance from nearest sanctuary/ESZ- Palkot WLS-57.0 km
 - (vi) Whether the lease area coming in DLC report-N/A
 - (vii) Whether submitted scrutiny-Yes, of Rs. 2000/- vide e-Challan Ref. No. 3593BDD81D dated 11.01.2023
 - (viii) Whether submitted KML file-Yes
 - (ix) Whether the lease area reflecting in DSR-Yes
 - (x) Method of mining-Manual
 - (xi) River-Koel, Depth of sand deposition-1.3 meter
 - (xii) Distance from nearest railway bridge-1.5 km, village -0.50 km
 - (xiii) Whether it is part of cluster – No
 - (xiv) Whether EC obtained earlier-Yes, issued by DEIAA, Sundargarh and submitted EC compliance report.
 - (xv) Date of approval of mining plan- Joint Director of Geology, Zonal Survey, Sambalpur on dated 27.12.2022.

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

- 
- (xvi) Production capacity per annum-15000 cum/annum (max.), total production in 5 years period-75000 cum, Geological reserve-47414.9 cum and Mineable reserve-42757 cum.
- (xvii) Proposed mining depth as per approved mining plan- 1.0 meter
- (xviii) Budget provision for EMP- Rs.70,000/- per annum
- (xix) 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 and as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others)- **No**
- (xx) Any deficiencies/omission have been noticed in the above documents- Nil


1. Whether SEAC recommended the proposal – Yes, SEAC have recommended the proposal in its meeting held on 27.03.2023 for grant of EC with the other stipulated conditions applicable for sand quarry.


2. The proposal was placed in the 114th meeting of SEIAA held on 19th-21st April 2023 and the Authority observed that the mine was operated earlier after obtaining EC from DEIAA vide letter no. 343/DEIAA dated 10.08.217 with an annual extractable quantity of 8250 cum/year and total production for years was 41248 cum. The fresh mining plan is prepared for an extractable quantity of 15000cum/year. After detailed deliberation, the Authority decided that the PP is required to clarify on what basis the PP applied application for enhancement the extractable quantity by 2 times in the revised mining plan. Now the PP has submitted the ADS for consideration of proposal.

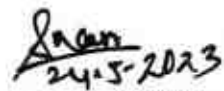
Decision of Authority: The Authority perused the reply dated 17.05.2023 of the PP which is not addressing the issue raised by SEIAA. Accordingly, the following decision is taken.

1. EC is allowed for an extractable quantity of 8250cum/year with a validity upto 31st March 2024.
2. For any enhancement in the extractable quantity justification should be furnished by the Joint Director of Geology, Sambalpur in accordance with Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020.
3. Replenishment study should be carried out by any ORSAC empanelled agency as per Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 by 31st March 2024.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

206

**Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 &
25.05.2023**



AGENDA NO.120.07

Proposal No.	SIA/OR/MIN/403463/2022
Date of application	24.12.2022
File No.	403463/844-MINB2/12-2022
Project Type	Proposal for EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Salebhata Sand Quarry over an area of 12.00 acres or 4.856 Ha in Village-Salebhata & Raphakhal, Tahasil-Agalpur, Dist-Balangir
Name of the company/Organization	Sri Umesh Mahakur S/o-Dharam Mahakur, At/Po-Ainiasari, Dist-Balangir
Location of Project	Odisha
ToR Date	N/A
Name of the Consultant	N/A

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for mining of sand from of Salebhata Sand Quarry over an area of 12.00 acres or 4.856 Ha in Village-Salebhata & Raphakhal, Tahasil-Agalpur, Dist-Balangir.
 - (ii) The mining area is a part of Survey of India Toposheet No. F44X9 bounded by Latitude: 20°58'56.51" N to 20°58'48.09" N and Longitude: 83°32'12.54" E to 83°32'21.10" E.
 - (iii) The mining lease is an identified sairat source in the DSR. The Salebhata Sand Quarry sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Agalpur to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
 - (iv) Documents submitted: -Form-1, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
 - (v) Distance from nearest sanctuary/ESZ- Sunabeda WLS-123.0km
 - (vi) Whether the lease area coming in DLC report-N/A
 - (vii) Whether submitted scrutiny-Yes, of Rs. 2000/- vide e-Challan Ref. No. 337592C74A dated 15.10.2022
 - (viii) Whether submitted KML file-Yes
 - (ix) Whether the lease area reflecting in DSR-Yes
 - (x) Method of mining-Manual
 - (xi) River-Ong, Depth of sand deposition-2.0 meter
 - (xii) Distance from nearest road bridge-0.65 km, village -0.70 km
 - (xiii) Whether it is part of cluster – No
 - (xiv) Whether EC obtained earlier-Yes, and submitted EC compliance report.
 - (xv) Date of approval of mining plan- Joint Director of Geology, Zonal Survey, Balangir on dated 26.05.2022.
 - (xvi) Production capacity per annum-15000 cum/annum(max.), total production in 5 years period-13500 cum, Geological reserve-97124 cum and Mineable reserve-83432 cum.
 - (xvii) Proposed mining depth as per approved mining plan- 2.0 meter
 - (xviii) Budget provision for EMP- Rs. 1, 95,000/ Capital Cost and Rs.39,000/- per annum
 - (xix) 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 &

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023



Monitoring Guideline for sand mining-2020 and as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others)- **No**

The PP has obtained EC from DEIAA, Odisha vide our letter no. 428/DEIAA dated 16.09.2017 for total production 3000 cum/annum. Now, the PP has applied fresh application as production capacity increase from 3000 cum/annum to 15000 cum/annum.

- (xxi) Any deficiencies/omission have been noticed in the above documents- The mining plan production quantity and replenishment production quantity both are contradictory. The replenishment report is prepared wrongly. Also submit both Porforma-1 and Poforma-2. In the KML file it appears that quarry operated outside the lease area. Earlier EC obtained for sand quarry but EC compliance submitted for stone quarry. Earlier EC obtained in favour of Sri Raikash Kumar Agrawal now, application in favour of Sri Umesh Mahakur.

1. Whether SEAC recommended the proposal – Yes, SEAC have recommended the proposal in its meeting held on 27.03.2023 for grant of EC with permitted quantity 17186.4 cum/annum along with the other stipulated conditions applicable for sand quarry.


2. The proposal was placed in the 114th meeting of SEIAA held on 19th-21st April'2023 and the Authority observed that the mine was operated earlier with an annual extractable quantity of 3000 cum/year. The replenishment study shows a replenishment rate of 1500 cum/year. The fresh mining plan is prepared for an extractable quantity of 15000cum/year. After detailed deliberation, the Authority decided that the PP is required to clarify the discrepancy and also reason for enhancement the extractable quantity by 5 times in the revised mining plan.

Now the PP has submitted the ADS for consideration.

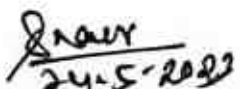
Decision of Authority: The Authority perused the reply dated 10.05.2023 of the PP which is not addressing the issue raised by SEIAA. Accordingly, the following decision is taken.

1. EC is allowed for an extractable quantity of 3000cum/year with a validity upto 31st March'2024.
2. For any enhancement in the extractable quantity justification should be furnished by the Joint Director of Geology, Balangir in accordance with Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020.
3. Replenishment study should be carried out by any ORSAC empanelled agency as per Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 by 31st March '2024.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



**Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 &
25.05.2023**

AGENDA NO.120.08	
Proposal No.	SIA/OR/MIN/76853/2020
Date of application	11.05.2022
File No.	76853/290-MINB2/05-2022
Project Type	Proposal for EC
Category	B2(Individual Lease area),B1(Cluster Lease area)
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC of Anjira Black Stone quarry No-9 (Cluster Serial No-1A/10), (Khata No-1729, Plot No-1343(p) 1385(p)) over an area of 10.40 acres or 4.208 Ha in village Anjira under Dharmasala Tahasil of Jajpur District, Odisha.
Name of the company/Organization	Sri Ajay Agarwal A/o-Ramsad Agarwal Plot No.-143, VIP Colony, Nayapalli, IRC Village, Bhubaneswar-15 Dist-Khordha
Location of Project	Odisha

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-9 (Cluster Serial No-1A/10), (Khata No-1729, Plot No-1343(p)1385(p)) over an area of 10.40 acres or 4.208 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 bounded by Latitude: 20'50'34"N to 20'50'44"N and longitudes of 86'02'18"E to 86"02'25"E.
 - (iii) The mining lease is an identified sairat source in the DSR. Anjira Black Stone quarry No-9 (Cluster Serial No-1A/10) 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, D.L.C., PFR, 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
 - (i) Whether submitted scrutiny fee- Yes, of Rs. 1000/- vide e-Challan Ref No.33577BD519 dated 11.05.2022.
 - (vi) Distance from nearest sanctuary/ESZ- Kapilash WLS-28.0 Km
 - (vii) Whether the lease area coming in DLC report-No, clarified by the Tahasildar, Dharmasala, vide letter Nil dated 19.07.2022.
 - (viii) Whether the lease area reflecting in DSR-Yes
 - (ix) Method of mining-Semi-mechanized
 - (x) Distance from nearest road bridge-4.40 km, village road (katchha road) 0.09 km
 - (xi) Whether it is part of cluster -Yes, total lease area under cluster-1 is 55.79 Ha. (Anjira-54.98 Ha + Makundapur-0.81 Ha) for which already EIA and EMP approved by SEAC on 03.08.2021and in this regards a letter was issued by SEIAA, Odisha vide letter no.

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023



- 2327/SEIAA dated 31.08.2021 for individual application with required documents and now individual application applied by PP.
- (xii) Whether EC obtained earlier-Yes by DEIAA, Jajpur
 - (xiii) Date of approval of mining plan- the Deputy Director of Geology, Bhubaneswar on 06.05.2022.
 - (xiv) Production capacity per annum-48314 cum/annum (max.), total production in 5 years period-241610 cum, Geological reserve-1948687 cum and Mineable reserve-1293463 cum.
 - (xv) 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**
 - (xvi) Any deficiencies/omission have been noticed in the above documents-**Nil**

1. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 03.08.2021 and the SEAC have approved the EIA report/EMP in cluster approach and has recommended that the SEIAA may consider to grant EC to individual lease (for 15 nos. quarry leases) in cluster after receipt of individual applications from the lessee in cluster along with following documents as follows:

- i) Filled in Modified Checklist.
- ii) Filled in form-I of individual lease.
- iii) Prefeasibility report of individual lease.
- iv) EMP of individual lease.
- v) Approved Mining Plan of individual lease.
- vi) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vii) An Undertaking by the lessee on the following:
 - a) Not to use wagon drilling blasting has to be submitted.
 - b) No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee.
 - c) PP will submit the Traffic Density study report at Crusher points along with silt management plan to arrest or removal of in-grassed silts to surrounding agricultural fields, if any.

2. The proposal was placed in the 103rd meeting of SEIAA held on 13th-16th December'2022 and after detailed deliberation in the matter, the Authority decided to defer the proposal with the following observation:

- The approved cost of implementation of the cluster EMP is Capital Cost-Rs. 40.00Lakhs & Recurring cost-15.00Lakhs. Accordingly, the proportional cost of implementation of EMP of this lessee will amount to Rs. 4.00 Lakhs as capital cost & 1.5 Lakhs as recurring cost. However, the PP has submitted a separate EMP with capital cost of Rs. 2.00 Lakhs as capital cost & Rs.40,000/- as recurring cost.

The PP shall submit a revised EMP in line with the approved cluster EIA/EMP with budgetary allocation with a Capital Cost of Rs.4.00Lakhs & Recurring Cost of Rs.1.50Lakhs/annum along with an undertaking to implement the EMP within a specific time period. Further, in addition to the undertaking the PP shall also give in writing that any change in EMP cost shall be borne by them.

Dv

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

The CER cost will address the concerns raised during the public consultation process in physical terms and it shall be part of the EMP as per the provision of OM No.22-65/2017-IA.III dated 30.09.2020 of MoEF & CC, GoI for compliance of public hearing issues raised during public consultation. Now, the PP has submitted the ADS for consideration of the proposal.

Decision of Authority: After detailed deliberations, the Authority decided to **grant Environmental Clearance** to this project with usual stipulated conditions applicable for stone quarry.

- Maximum depth of mining 6.0 meter from surface and maximum quantity of stone extraction shall be 48314 cum in 1st year and 48314 cum in the 2nd year. 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.
- The Project Proponent (lease holder) shall deposit Rs.2,00,000/-, with the respective District Environment Society for raising 400 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- The PP will implement the EMP with a budgetary allocation of Rs.4.00Lakhs as Capital Cost & Rs.1.50 lakhs/annum as Recurring Cost, as proposed within the first three years of start of mining activities.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA
24-5-23


Chairman, SEIAA
24-5-23

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023



AGENDA NO.120.09	
Proposal No.	SIA/OR/MIN/75729/2020
Date of application	19.04.2022
File No.	75729/286-MINB2/04-2022
Project Type	Proposal for EC
Category	B2(Individual Lease area), B1(Cluster Lease area)
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC of Rahadpur Black Stone quarry No-3/4 (Cluster Serial No-7/10), (Khata No-235, Plot No-1(p)) over an area of 7.50 acres or 3.035 haeters in village Rahadpur under Dharmasala Tahasil of Jajpur District, Odisha
Name of the company/Organization	Sri Sandeep Chandak S/o-Mandanlal Chandak At-Sri Ganganagar, Rajasthan, Pin-335001
Location of Project	Odisha

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 Rahadpur Black Stone quarry No-3/4 (Cluster Serial No-7/10), (Khata No-235, Plot No-1(p)) over an area of 7.50 acres or 3.035 haeters in village Rahadpur under Dharmasala Tahasil of Jajpur District, Odisha.
 - (ii) The mining area is a part of Survey of India Toposheet No. F45U1 bounded by Latitude: 20'45'57"N to 20'46'05"N and longitudes of 86'01'32"E to 86'01'38"E.
 - (iii) The mining lease is an identified sairat source in the DSR. Rahadpur Black Stone quarry No-3/4 (Cluster Serial No-7/10) 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, D.L.C., PFR, 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
 - (ii) Whether submitted scrutiny fee- Yes, of Rs. 1000/- vide e-Challan Ref No.3352053A77 dated 19.04.2022.
 - (vi) Distance from nearest sanctuary/ESZ- Kapilash WLS-24.0 Km
 - (vii) Whether the lease area coming in DLC report-No, clarified by the Tahasildar, Dharmasala, vide letter Nil dated 20.08.2022.
 - (viii) Whether the lease area reflecting in DSR-Yes
 - (ix) Method of mining-Semi-mechanized
 - (x) Distance from nearest road bridge-6.85 km, village road-0.42 km
 - (xi) Whether it is part of cluster –Yes, total lease area under cluster-7 is 42.40 Ha for which already EIA and EMP approved by SEAC on 03.08.2021 and in this regards a letter was issued by SEIAA, Odisha vide letter no. 2340/SEIAA dated 31.08.2021 for individual application with required documents and now individual application applied by PP.
 - (xii) Whether EC obtained earlier-No



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 &

25.05.2023

- (xiii) Date of approval of mining plan- the Deputy Director of Geology, Bhubaneswar on 11.03.2022.
- (xiv) Production capacity per annum-96815 cum/annum (max.), total production in 5 years period-484047 cum, Geological reserve-1132639 cum and Mineable reserve-581727 cum.
- (xv) 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**
- (xvi) Any deficiencies/omission have been noticed in the above documents-**Nil**

I. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 03.08.2021 and the SEAC have approved the EIA report/EMP in cluster approach and has recommended that the SEIAA may consider to grant EC to individual lease (for 12 nos. quarry leases) in cluster after receipt of individual applications from the lessee in cluster along with following documents as follows:

- i) Filled in Modified Checklist.
- ii) Filled in form-I of individual lease.
- iii) Prefeasibility report of individual lease.
- iv) EMP of individual lease.
- v) Approved Mining Plan of individual lease.
- vi) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vii) An Undertaking by the lessee on the following:
 - a) Not to use wagon drilling blasting has to be submitted.
 - b) No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee.
 - c) PP will submit the Traffic Density study report at Crusher points along with silt management plan to arrest or removal of in-grassed silts to surrounding agricultural fields, if any.

2. The proposal was placed in the 103rd meeting of SEIAA held on 13th-16th December'2022 and after detailed deliberation in the matter, the Authority decided to defer the proposal and seek clarification on the following observation:

- The approved cost of implementation of the cluster EMP is Capital Cost- 40.00Lakhs & Recurring cost-14.00Lakhs. Accordingly, the proportional cost of implementation of EMP of this lessee will amount to Rs. 3.50 Lakhs as capital cost & 1.30 Lakhs as recurring cost. However, the PP has submitted a separate EMP with capital cost of Rs. 2.00 Lakhs as capital cost & Rs.40,000/- as recurring cost.

The PP shall submit a revised EMP in line with the approved cluster EIA/EMP with budgetary allocation with a Capital Cost of Rs. 3.50Lakhs & recurring cost of Rs.1.30Lakhs/annum along with an undertaking to implement the EMP within a specific time period. Further, in addition to the undertaking the PP shall also give in writing that any change in EMP cost shall be borne by them.

The CER cost will address the concerns raised during the public consultation process in physical terms and it shall be part of the EMP as per the provision of OM No.22-65/2017-IA.III

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

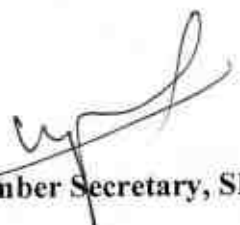
dated 30.09.2020 of MoEF & CC, GoI for compliance of public hearing issues raised during public consultation.

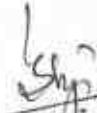
Now the PP has submitted the ADS for consideration.

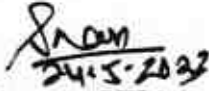
Decision of Authority: After detailed deliberations, the Authority decided to grant **Environmental Clearance** to this project with usual stipulated conditions applicable for stone quarry.

- Maximum depth of mining 6.0 meter from surface and maximum quantity of stone extraction shall be 96789 cum in 1st year and 96797 cum in the 2nd year. 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.
- The Project Proponent (lease holder) shall deposit Rs.1,50,000/-, with the respective District Environment Society for raising 300 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- The PP will implement the EMP with a budgetary allocation of Rs.3.50Lakhs as Capital Cost & Rs.1.30 lakhs/annum as Recurring Cost, as proposed within the first three years of start of mining activities.

APPROVED BY


Member Secretary, SEIAA


24-5-23
Member, SEIAA


24.5.2023
Chairman, SEIAA



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

AGENDA NO.120.10

Proposal No.	SIA/OR/MIN/76823/2020
Date of application	10.05.2022
File No.	76823/703-MINB1/05-2022
Project Type	Proposal for EC
Category	B2(Individual Lease area),B1(Cluster Lease area)
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC of Anjira Black Stone quarry No-12 (Cluster Serial No-1A/9), (Khata No-1729, Plot No-1385(p)) over an area of 6.00 acres or 2.43 hacters in village Anjira under Dharmasala Tahasil of Jajpur District, Odisha.
Name of the company/Organization	Smt. Laxmipriya Prusty Propitor-Maa Tarini Stone Crusher, At-Patala, Dist-Jajpur
Location of Project	Odisha

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-12 (Cluster Serial No-1A/9), (Khata No-1729, Plot No-1385(p)) over an area of 6.00 acres or 2.43 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 bounded by Latitude: 20°50'34"N to 20°50'44"N and longitudes of 86°02'18"E to 86°02'25"E.
 - (iii) The mining lease is an identified sairat source in the DSR. Anjira Black Stone quarry No-12 (Cluster Serial No-1A/9) 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, D.L.C., PFR, 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
 - (iii) Whether submitted scrutiny fee- Yes, of Rs. 1000/- vide e-Challan Ref No.33576C03C6 dated 10.05.2022.
 - (vi) Distance from nearest sanctuary/ESZ- Kapilash WLS-28.0 Km
 - (vii) Whether the lease area coming in DLC report-No, clarified by the Tahasildar, Dharmasala, vide letter Nil dated 19.07.2022.
 - (viii) Whether the lease area reflecting in DSR-Yes
 - (ix) Method of mining-Semi-mechanized
 - (x) Distance from nearest road bridge-4.98 km, village road-0.05 km
 - (xi) Whether it is part of cluster –Yes, total lease area under cluster-1 is 55.79 Ha(Anjira-54.98 Ha + Makundapur-0.81 Ha) for which already EIA and EMP approved by SEAC on 03.08.2021and in this regards a letter was issued by SEIAA, Odisha vide letter no. 2327/SEIAA dated 31.08.2021 for individual application with required documents and now individual application applied by PP.

25.05.2023



- (xii) Whether EC obtained earlier-Yes
- (xiii) Date of approval of mining plan- the Deputy Director of Geology, Bhubaneswar on 06.05.2022.
- (xiv) Production capacity per annum-30660 cum/annum (max.), total production in 5 years period-153300 cum, Geological reserve-564329 cum and Mineable reserve-427140 cum.
- (xv) 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**
- (xvi) Any deficiencies/omission have been noticed in the above documents-**Nil**

1. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 03.08.2021 and the SEAC have approved the EIA report/EMP in cluster approach and has recommended that the SEIAA may consider to grant EC to individual lease (for 15 nos. quarry leases) in cluster after receipt of individual applications from the lessee in cluster along with following documents as follows:

- i) Filled in Modified Checklist.
- ii) Filled in form-I of individual lease.
- iii) Prefeasibility report of individual lease.
- iv) EMP of individual lease.
- v) Approved Mining Plan of individual lease.
- vi) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
- vii) An Undertaking by the lessee on the following:
 - a) Not to use wagon drilling blasting has to be submitted.
 - b) No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee.
 - c) PP will submit the Traffic Density study report at Crusher points along with silt management plan to arrest or removal of in-grassed silts to surrounding agricultural fields, if any.

2. The proposal was placed in the 103rd meeting of SEIAA held on 13th-16th December'2022 and after detailed deliberation in the matter, the Authority decided to defer the proposal and seek clarification on the following observation:

- The approved cost of implementation of the cluster EMP is Capital Cost-40.00Lakhs & Recurring cost-15.00Lakhs. Accordingly, the proportional cost of implementation of EMP of this lessee will amount to Rs. 2.50 Lakhs as capital cost & 0.95 Lakhs as recurring cost. However, the PP has submitted a separate EMP with capital cost of Rs. 2.00 Lakhs as capital cost & Rs.40,000/- as recurring cost.

The PP shall submit a revised EMP in line with the approved cluster EIA/EMP with budgetary allocation with a Capital Cost of Rs. 2.50Lakhs & recurring cost of Rs.0.95Lakhs/annum along with an undertaking to implement the EMP within a specific time period. Further, in addition to the undertaking the PP shall also give in writing that any change in EMP cost shall be borne by them.

The CER cost will address the concerns raised during the public consultation process in physical terms and it shall be part of the EMP as per the provision of OM No.22-65/2017-IA.III dated 30.09.2020 of MoEF & CC, GoI for compliance of public hearing issues raised during public consultation.



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

Now the PP has submitted the ADS for consideration.

Decision of Authority: After detailed deliberations, the Authority decided to grant **Environmental Clearance** to this project with usual stipulated conditions applicable for stone quarry.

- Maximum depth of mining 6.0 meter from surface and maximum quantity of stone extraction shall be 30660 cum in 1st year and 30660 cum in the 2nd year. 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.
- The Project Proponent (lease holder) shall deposit Rs.1,25,000/-, with the respective District Environment Society for raising 250 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- The PP will implement the EMP with a budgetary allocation of Rs.2.50Lakhs as Capital Cost & Rs.0.95 lakhs/annum as Recurring Cost, as proposed within the first three years of start of mining activities.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA
24.5.23


Chairman, SEIAA
24.5.2023

Dr

**Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 &
25.05.2023**



AGENDA NO.120.11

Proposal No.	SIA/OR/MIN/60636/2021
Date of Application	13.05.2022
File No.	60636/750-MINB1/05-2022
Project Type	Fresh EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for EC for Sundarpur Stone Quarry Over an area of 12.500Acres or 5.058 Ha bearing Khata No. 1469, Plot No. 10609/A, in Village-Sundarpur, Tahasil- Chhatrapur, District- Ganjam
Name of the company/Organization	Tahasildar, Chhatrapur
Location of Project	Odisha
ToR Date	03.04.2021
Name of the Consultant	M/s Green Circle INC, Vadodara (Gujarat)

Proposal in brief:

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

- (i) This is a proposal for mining of stone from Sundarpur Stone Quarry over an extent of 12.500 Acres or 5.058 Ha bearing Khata No.1469, Plot No.10609/A, located in village: Sundarpur, Tahasil: Chhatrapur, District: Ganjam.
- (ii) The mining lease is an identified stone quarry in the DSR. The Sundarpur stone quarry will be leased out under the OMMC Rules,2016 by Tahasildar, Chhatrapur to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years. The lease period of 5 years shall take effect from the date of registration of duly executed lease deed in this regard by the Tahasildar.
- (iii) The Mining Plan of the Mining Project has been approved by Deputy Director of Geology, O/o Joint Director Geology, South Zone, Berhampur, Odisha on dated 17.12.2020.
- (iv) The cluster certificate has been furnished by the Tahasildar certifying that there is no other mine located within 500 meters from the periphery of the proposed mine lease area. As reported by the Tahasildar, this sairat source is not a part of any cluster.
- (v) The Terms of Reference (ToR) has been granted by SEIAA, Odisha vide letter No. 874/SEIAA dated 09.03.2021 for undertaking detailed EIA study for the project.
- (vi) The baseline data has been collected from December'2020 to Febuary'2021 (winter season) for the project.
- (vii) The public hearing has been conducted 09.03.2022 at 11 A.M. over Plot No. 10520, Khata No. 400, Mouza- Sundarpur which is adjacent to Sundereswari Temple. Public Hearing issues raised were on plantation for protection of environment, water sprinkling in transportation roads for dust suppression, issues of soil erosion due to mining, dust pollution due to blasting, local employment, traffic congestion due to transportation, generation of fly rocks due to blasting, damage of houses due to blasting. As per the public hearing proceedings & statements of people delivered, there is no objection for mining of the stone quarry in the area.
- (viii) Location and Connectivity - The mining area is a part of Survey of India Toposheet No. 65J/14, bounded by Latitude: 19° 23' 32.8" N To 19° 23' 43.1" N, Longitude: 84° 54' 29.2" E To 84° 54' 35.9" E. The lease area is located distance of 11.4 km from Tahasil Chatrapur. Village



Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

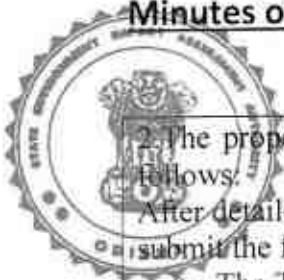
Sundarpur is at a distance of 3km from to the mining area. District Ganjam is at a distance of 40.8km. Chatrapur is the nearest place from the lease area for all infrastructure facilities like hospital, school, bus service, market. The Chatrapur Railway Station is at a distance 9.7 kms from the lease area. NH-16 is at a distance of 12.4 km and SH-36 is at a distance of 34m from the lease area. There is no national park, wild life sanctuary, eco sensitive areas and industrial area situated within 10Kms radius of the lease area.

- (ix) Total Reserves and Production Details: – The project proponent has submitted that the total geological reserve of construction stone has been estimated as 792582 cum with maximum depth 6.0m from surface. Similarly, the mineable reserve of construction stone has been estimated to be 593525 cum with maximum depth of 6.0m from surface. The project proponent has proposed a total production of 50000 cum of stone from this quarry during the valid lease period of 5 years, with a maximum production capacity of 10000 cum per annum (1st year, 2nd year, 3rd year, 4th year & 5th year each-10000cum). Mining will be done by semi-mechanized method with blasting. The mining operation will be done deployment of machines like jackhammer, drill compressor, rock breaker, excavator and tractor/trucks.
- (x) Water Requirement: – The total water requirement will be 5.0 KLD for different purposes like Domestic, Dust suppression, plantation purposes. Source: water tankers.
- (xi) Power Requirement: - Solar lights will be employed for day to day living purposes. Diesel requirement will be 100 litre/day.
- (xii) Green Belt Development: Plantation will be raised along both sides of the roads, available vacant spaces and in the lease area. It is proposed for planting 300 nos. of saplings by the lessee in the lease boundary and village approach roads which is to be undertaken in consultation with the concerned authority.
- (xiii) Employment Potential - A total of 15 workers (Skilled, Semi-skilled and Un-skilled- 12nos & Mines Manager/Mine Permit Manager-3nos) will be employed during mining operation.
- (xiv) The project cost is estimated to be Rs. 10.0 lakhs and there is a budgetary provision of Rs.80,000.00 as capital cost and Rs.50,000.00 as recurring cost towards environmental protection measures. The PP will allocate budget towards compliance of public hearing issues.
- (xv) 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**
- (xvi) The Environment consultant M/s Green Circle INC., Vadodara along with the project proponent has made a detailed presentation on the EIA/EMP report on 15.07.2022.
- (xvii) Any deficiencies/omission have been noticed in the above documents-Action plan & budget allocation for compliance of public hearing issues not submitted.

1. **Whether SEAC recommended the proposal** – Yes, SEAC have already recommended for grant of Environmental Clearance for the project in its meeting dated 02.11.2022 with stipulated conditions.
 - The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.

Drf

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023



2. The proposal was placed in the 102nd meeting of SEIAA held on 06.12.2022 and was decided as follows:

After detailed deliberations, the Authority decided to defer the proposal and ask the PP/Tahasildar to submit the following:

- The Tahasildar may be requested to submit the site inspection report to SEIAA for any violation done in past (last 5 years) for the project.
 - The PP shall submit action plan & budget provision for compliance of public hearing issues.
 - The KML file of the project site shall be e-mailed(seiaaodisha@gmail.com) & also uploaded.
3. Again, the proposal was placed in 106th SEIAA meeting held on 10th-13th January '2023 and the after detailed deliberations, the Authority decided the following:

- (i) The Google earth map shows that the mining operation has already been carried out in the Sundarpur Stone Quarry.
- (ii) Earlier EC has been granted for Sundarpur Stone Quarry in cluster approach by SEIAA, Odisha vide EC no. 5327/SEIAA dated 26.07.2018 in the year 2018.
- (iii) The Tahasildar report do not mention the quantity of material extracted vs. quantity of material permitted in the EC issued in the year 2018.
- (iv) The Tahasildar is required to submit the detail report regarding operation and extraction of stone from Sundarpur Stone Quarry from the period 2018 to till date along with compliance report of the previous EC conditions.

The Tahasildar has submitted their clarification i.e. yearly production details of last 5 years and EC compliance vide letter no. 1017 dated 17.02.2023 for consideration of the proposal.

4. The proposal was placed in the 111th meeting of SEIAA held on 21st-23rd March '2023 and after detailed deliberations, the Authority decided to issue show cause notice to project proponent/Tahasildar, why the application for environmental clearance (EC) shall not be rejected for non-compliance of conditions no. 09, 17 and 28 of the earlier EC issued by SEIAA, Odisha vide letter no.5327/SEIAA dated 26.07.2018.760

Now the PP has submitted the ADS letter raised by SEIAA for consideration.

Decision of Authority: After detailed deliberations, the Authority decided to grant **Environmental Clearance** to this project with usual stipulated conditions applicable for stone quarry.

- Maximum depth of mining 6.0 meter from surface and maximum quantity of stone extraction shall be 10000 cum in 1st year and 10000 cum in the 2nd year. 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.
- The Project Proponent (lease holder) shall deposit Rs.5,00,000/-, with the respective District Environment Society for raising 1000 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- The PP will implement the EMP with a budgetary allocation of Rs.0.8Lakhs as Capital Cost & Rs.0.50 lakhs/annum as Recurring Cost, as proposed within the first three years of start of mining activities.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



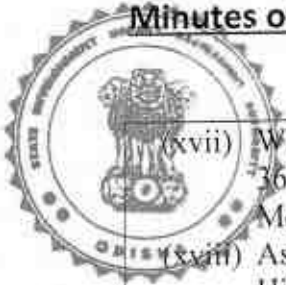
Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023

AGENDA NO.120.12	
Proposal No.	SIA/OR/MIN/76052/2020
Date of application	22.04.2022
File No.	76052/285-MINB2/04-2022
Project Type	Proposal for EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Dankari Black Stone quarry No-8/13 (Cluster Serial No-5D/3), (Khata No-465, Plot No-45(p)) over an area of 12.50 acres or 5.058 hacters in village Dankari under Dharmasala Tahasil of Jajpur District, Odisha
Name of the company/Organization	Sri Rasmiranjan Panda S/o-Sri Niranjan Panda At-Raipurchhaka, Dist-Balasore
Location of Project	Odisha
ToR Date	03.06.2020
Name of the Consultant	M/s. Kalyani Laboratories Pvt. Ltd.

Proposal in brief:

1. The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
 - (i) This is a proposal for mining of Stone from of Dankari Black Stone quarry No-8/13 (Cluster Serial No-5D/3), (Khata No-465, Plot No-45(p)) over an area of 12.50 acres or 5.058 hacters in village Dankari under Dharmasala Tahasil of Jajpur District, Odisha.
 - (ii) The mining area is a part of Survey of India Toposheet No. F45U2 bounded by Latitude: 20°46'41.78" N to 20°46'47.85" N and Longitude: 86°01'39.53" E to 86°01'48.09" E.
 - (iii) The mining lease is an identified sairat source in the DSR. The Dankari Black Stone quarry No-8/13 (Cluster Serial No-5D/3) 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, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
 - (v) Distance from nearest sanctuary/ESZ- Kapilash WLS-23.52km
 - (vi) Whether the lease area coming in DLC report-No
 - (vii) Whether submitted scrutiny-Yes of Rs. 1000/- vide e-Challan Ref. No. 335235378F dated 22.04.2022
 - (viii) Whether submitted KML file- Yes
 - (ix) Whether the lease area reflecting in DSR-Yes
 - (x) Method of mining-Semi-mechanized
 - (xi) Distance from nearest road bridge-8.89 km, village -2.06 km
 - (xii) Whether it is part of cluster – No
 - (xiii) Whether EC obtained earlier-No
 - (xiv) Date of approval of mining plan- Deputy Director of Geology, O/o the Director of Geology, Bhubaneswar on 01.02.2022.
 - (xv) Production capacity per annum-7120 cum/annum(max.), total production in 5 years period- 35600 cum, Geological reserve-1705864 cum and Mineable reserve-609439 cum.
 - (xvi) Proposed mining depth as per approved mining plan- 6.0 meter

Minutes of 120th Meeting of SEIAA, Odisha Held on 23.05.2023, 24.05.2023 & 25.05.2023



- (xvii) Whether the DSR has been prepared as per the MoEF & CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020- **No**
- (xviii) As per the SEAC recommendation the cluster-05 which constitutes Dankari, barada & Baraman Hillocks over total lease area 243.19 acres/98.42 ha proposal recommended by SEIAA, Odisha and issued letter vide letter no. 2336/SEIAA dated 31.08.2021 for individual application. Now, the individual lessee applied for EC.
- (xix) ToR was issued on 03.06.2020 and Public Hearing was conducted on 25.08.2020
- (xx) Any deficiencies/omission have been noticed in the above documents- (1). The lease area is coming inside the Nischinta Reserve Forest and DLC report has not submitted by PP that could be verify from concerned DFO. (2). Not submitted DLC report and Scrutiny fee of Rs. 1000/-

1. **Whether SEAC recommended the proposal** – Yes, SEAC have already recommended the proposal in its meeting held on 03.08.2021 for grant of EC with stipulated conditions applicable for stone quarry.

2. The proposal was placed in the 85th SEIAA meeting dated 29.07.2022 had raised clarification on public hearing from PP. Now, the Tahasildar has submitted the reply of EDS on 25.08.2022.

3. The proposal again placed in 97th SEIAA meeting and the Authority decided that to issue clarification from PP to submit DLC report of DFO, Cuttack to verify whether the proposed land coming under Nischinta Reserve Forest/non-forest land.

The PP has submitted clarification but not clarify specific reply sought by SEIAA, Odisha.


4. The proposal was placed in the 111th meeting of SEIAA held on 21st-23rd March 2023 and after detailed deliberations, the Authority observed that the project proponent was asked to submit a report from DFO, Cuttack whether the proposed land coming within Nischinta Reserve Forest or any other forest land.

The report submitted by PP do not clarify whether the land in question is forest or non-forest land. Since, the kissam of the land is not known whether it is forest or non-forest, the EC application is rejected.

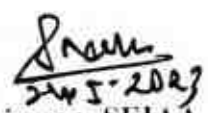
Now the PP has submitted the ADS letter raised by SEIAA for consideration.

Decision of Authority: The Authority reiterated the decision taken in the 111th meeting of SEIAA held on 21st-23rd March 2023 that the PP has not clarified whether the land in question is forest or non-forest from the DFO, Cuttack. Hence, the EC application is rejected.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA