



Minutes of 162nd Meeting of SEIAA, Odisha held on 03.04.2024 & 04.04.2024

PARIVESH I.O, AGENDA No.162.16	
Proposal No.	SIA/OR/INFRA2/443636/2023
Date of application	07.10.2023
File no.	443636/123-INFRA2/10-2023
Project Type	New proposal for EC
Category	B
Project/Activity including Schedule No.	1(a) Mining of Minerals
Name of the Project	Proposal for EC for Proposed Mandatory Development of Affordable Housing units (S+5) Storied under Model 1 of Odisha Housing for all policy for Urban Areas, 2022 towards compensatory FAR for M/s Assotech Sun Growth Abode LLP "Avenue 17th, Assotech World", over Plot No. 493, 502, 518, 590, 591 & others of Mouza-Jaypur, PS-Balianta, Tehsil-Bhubaneswar, Dist-Khurda, Odisha
Name of the company/Organization	ASSOTECH SUN GROWTH ABODE LLP
Location of Project	Mouza-Jaypur, PS-Balianta, Tehsil-Bhubaneswar, Dist-Khurda, Odisha
ToR Date	N/A
Name of the Consultant	M/s Centre 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 Environmental Clearance of M/s Assotech Sun Growth Abode LLP "Avenue 17th, Assotech World" for Development of Affordable Housing units (S+5) Storied under Model 1 of Odisha Housing for all policy for Urban Areas, 2022 towards compensatory FAR over Plot No. 493, 502, 518, 590, 591 & others of over an built up area 51,664.00 sqm Mouza-Jaypur, Ps-Balianta, Tehsil-Bhubaneswar, Dist-Khordha of Sri Sashank Sekhar Rout.
2. **Category:** As per EIA Notification,2006 and its subsequent amendments, the proposed project falls under Category B in Schedule in item 8(a): Building & Construction Projects.
3. BMC has provisionally approved the building plan vide letter no. 25968, dated 26.05.2023.
4. Drainage permission from BMC has been obtained vide letter no. 31297, dated 03.07.2023.
5. Ground Water permission from CGWA vide NOC no. CGWA/NOC/INF/ORIG/2023/18681, dated 09.06.2023.
6. Height Clearance from AAI has been obtained vide NOC no. BHUB/EAST/B/072422/685880, dated 26.08.2022.
7. NOC from Public Health Division for Water & Sewerage connection has been obtained vide letter no. 6031, dated 31.05.2023.
8. **Location and connectivity:** The proposed site is located at Mouza-Jaypur, PS-Balianta, Tehsil-Bhubaneswar, Dist-Khordha, Odisha. The Geographical co-ordinate of the project site is: Latitude – 20^o 19' 39.07" to 20^o 19' 46.13" N & Longitude - 85^o 53' 29.48" to 85^o 53' 41.15" E. The project site is well connected with National Highway NH-16 at a distance of approx. 2.4 Km in West



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direction. The nearest railway station is Mancheswar Railway station at a distance of approx 4.24 Km in West direction & Bhubaneswar Railway Station at a distance 8.9 Km in South-west direction. The nearest airport is Biju Patnaik Airport at a distance of approx. 10.8 Km in South-west direction from project site.

9. The site is coming under Bhubaneswar Municipal Corporation (BMC).
10. The total plot area is 25157.00 sq.mt. with total built-up area 51664.0 sq.mt.
11. The Building Area Details of the Project in tabulated form

Particular	Proposed	Permissible
Project Name	Assotech Sun Growth Abode LLP "Avenue 17 th , Assotech World	
Total Plot Area	25,157.00 sqm	--
Plot gifted to BMC	3,844.00 sqm	--
Net Plot Area	21,313.00 sqm	
Ground Coverage	10,736.00 sqm	--
FAR Area	42,354.50 sqm	--
Total Built up Area	51,664.00 sqm	--
Maximum Height	19.20m	--
Road Area	8,065.10sqm	--
Stilt Parking Area	9,309.60 sqm	4235.45sqm
Total Parking Area	9,309.60 sqm	
Green Belt Area	4,345.00 sqm (20.4 %)	4262.6sqm (20 %)
Maximum No. of Floor	S+5	--
Power Requirement	1668.0 KVA	--
Solar	83.0 KVA	
No. of DG sets	1x500 KVA	--
Fresh Water requirement	373.5 KLD	--
Sewage Treatment Plant	STP Capacity - 500 KLD	--
Estimated Population- Residential, Commercial, Floating/visitors	4440 nos.	--

12. **Water requirement:** Fresh make up of 373.5 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	3850 nos.	Fresh (90)	Flushing (45)	346.5	173.25	519.75
ii)	Floating	390 nos.	Fresh (5)	Flushing (10)	1.95	3.9	5.85
iii)	Maintenance Staff	200 nos.	Fresh (25)	Flushing (20)	5.0	4.0	9.0

iv)	Club House	--	--	--	5.0	--	5.0
	Commercial	--	--	--	5.0	--	5.0
vi)	Filter Backwash	--	--	--	10.0	--	10.0
TOTAL					373.45≈373.5	181.1	554.6

13. **Wastewater generation and management:** It is expected that the project will generate 479.9 KLD of wastewater which will be treated in STP. The wastewater will be treated in the STP of capacity of 500 KLD.

14. **Power requirement:** Total Power requirement of the proposed building is 1668.0 KVA, Source is TPCODL, 1x500 KVA DG Sets is provided. Total 83.0 KVA Solar Power Generation which is 5.0% of total power required in project.

15. **Rain Water Harvesting:** Total 566.83 cum Rain Water is harvested through 9nos. of recharge pits.

16. **Parking Requirement:** Total parking area provided is 9,309.60 Sq.mt. and total 333 nos. of ECS and location of parking area is Stilt.

Parking Area Provided			
Stilt Parking Area			9309.6 sqm
Total Parking	--	--	9309.6 sqm
Equivalent Car Space Provided			
	Area(sqm)	Area/ECS	
Stilt Parking Area	9309.6	28	333 ECS
Total Parking Provided			333 ECS

17. **Fire fighting Installations:** Fire Fighting will be provided as per NBC Norms.

18. **Green Belt Development:** Greenbelt is developed over an area of 4,345.00 sqm which is 20.4% of the total plot area. Total 267 nos. of plants to be planted and 3 tier plantations.

19. **Solid Waste Management:** Solid waste generated and its management.

Solid waste Generation

S. No.	Category	Counts (heads)	Waste generated (kg/day)
i)	Residents	3850 @ 0.45 kg/day	1732.5
ii)	Floating Population	590 @ 0.15 kg/day	88.5
iii)	STP Sludge		85.0
TOTAL SOLID WASTE GENERATED			1906.0 kg/day

20. The estimated project cost is 97.5 Crores and cost for EMP is 0.97 Crores.

21. **Environment Consultant:** The Environment consultant M/s Centre for Envotech & Management Consultancy Pvt. Ltd, Bhubaneswar along with the proponent made a presentation on the proposal before the Committee on 18.10.2023.

22. The SEAC in its meeting held on 18-10-2023 recommended the following:

- A. **The proponent may be asked to submit the following for further processing of EC application:**
- Copy of Permission obtained from the concerned authority for drainage connection & discharge of storm water and treated water from STP.



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- ii) Documents/credentials in support of drainage discharge into the Prachi Dhara/Prachi River.
- iii) Copy of Structural Stability study report.
- iv) Copy of Soil quality, soil stability and soil erosion study report before and after the construction.
- v) Revisit the water balance to reduce the quantity of wastewater generation as the quantity of treated waste water discharge is very high i.e. 336.1 KLD.
- vi) Copy of land documents along with permission obtained from the landowners (General Power of Attorney or Sale deed) for construction of drainage network over the respective plots.
- vii) Details of Reduced Level of Ground water and Bottom Reduced level of Rainwater harvesting pit.
- viii) Copy of traffic study report vetted by an Institute of Repute.
- ix) Clarify the discrepancy between proposed greenbelt percentage and documents submitted regarding the greenbelt.
- x) Document in support of access to Plot no-595 which is a Govt. land situated inside the proposed area and clarify the fate of the said Plot No. 595 (Govt. land).
- xi) Documents in support of relaxation for construction of 6m wide road in the By-Laws from the BMC.

B. The proposed site shall be visited by Sub-Committee of SEAC to verify the followings

- i) Environmental settings of the project site.
- ii) Verify if the site is a flood prone area.
- iii) Construction activity if any started at the site.
- iv) Road connectivity to the project site.
- v) Drainage network at the site.
- vi) Discharge point for discharge of treated water and distance of the discharge point from the project site.
- vii) Any other issues including local issues.

23. The proposed site was visited by the sub-committee of SEAC on 01.11.2023. Following are the observations of the sub-committee.

- a) The Project site is located near Bhubaneswar-Cuttack Main Road. The PP informed that they have to develop the existing revenue road connecting from site to Avenue -7 from 13 ft to about 50 ft and drain to pass side of the road to connect to Prachi Dhara.
- b) Currently the site is connected by the existing road with width varying from 15-25 ft and finally with 40 ft width of owner road to site.
- c) The Layout plans were explained by the Project proponent and Consultant.
- d) The natural small drain called Prachi Dhara is far from the site and PP needs to submit the required permission.
- e) Following documents need to be submitted by PP:
 - i) Revenue map indicating plot details of the gifted land to widen the road from 13 ft to about 50 ft road with copy of gift deed, BMC order/permission
 - ii) Ownership of the land showing in revenue map for road expansion and further connecting the drain to Prachi Dhara
 - iii) BMC permission letter to construct drain in side of road and allow discharge of treated water to Prachi Dhara
 - iv) Also an affidavit that the PP will develop the road width from existing to 18 mtr to connect to the Avenue-7 and drain to be constructed in the side in their own land to discharge the treated water to Prachi Dhara
 - v) Structural stability, Traffic study vetted and green belt plan (as not much trees there)



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vi) All other points covered during presentation to be complied.

24. 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.	Copy of Permission obtained from the concerned authority for drainage connection & discharge of storm water and treated water from STP.	Only the surplus water after the conservation and recycling measures from project will be discharged to Prachi Dhara which is nearer to the project site. Permission has been obtained from Bhubaneswar Municipal Corporation vide letter no.31297, dated 03/07/2023. Permission letter is attached in Annexure-1 .	Copy submitted
ii.	Documents/credentials in support of drainage discharge into the Prachi Dhara/Prachi River.	Permission has been obtained from Bhubaneswar Municipal Corporation vide letter no. 31297, dated 03/07/2023. Permission letter is attached in Annexure -1 .	Copy submitted
iii.	Copy of Structural Stability study report.	Structural Stability certificate has been obtained from Jamia Millia Islamia vide letter dated 10.10.2023. Structural Stability certificate is attached in Annexure-2 .	Copy submitted
iv.	Copy of Soil quality, soil stability and soil erosion study report before and after the construction.	Soil investigation has been conducted at project site & the soil investigation report is attached in Annexure-3 .	Copy submitted
v.	Revisit the water balance to reduce the quantity of wastewater generation as the quantity of treated waste water discharge is very high i.e. 336.1 KLD.	Total fresh water requirement of the project is 373.5 KLD & flushing water requirement of the project is 181.1 KLD. Total wastewater generated from the project is 479.9 KLD & the treated water available from the STP is 456.0 KLD which is reused in Flushing (181.1 KLD), Dust Suppression (48.4 KLD), Landscaping (52.2 KLD) & 174.3 KLD treated water will be discharged to nearest drain i.e Prachi Dhara. There is further cope of using this surplus water for township level irrigation and horticulture requirement in future. Revised water balance is attached in.	Revised Water Balance submitted showing 174.3KLD treated water discharge to drain.

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		Revised water balance is attached in Annexure-4.	
	Copy of land documents along with permission obtained from the landowners (General Power of Attorney or Sale deed) for construction of drainage network over the respective plots.	Drainage network has been planned along the existing village road and then through our own land which has been terminating to Prachi Dhara passing through the Plot No. 391/10875. Land document along with permission from landowner is attached in Annexure-5 and the copy of Gift deed attached as Annexure-6.	Copy submitted
ii.	Details of Reduced Level of Ground water and Bottom Reduced level of Rainwater harvesting pit.	As per the existing study and data the Reduced Level of Ground water is 45.00 mtr from BGL and Bottom Reduced level of Rainwater harvesting pit will be 50.00 mtr from BGL.	-
iii.	Copy of traffic study report vetted by an Institute of Repute.	Copy of traffic study report vetted by India Institute of Technology (IIT), Bhubaneswar. IIT letter dated 04/12/2023 is attached as Annexure-7.	LOS is 'B' at present and will be 'C' after 10 years.
ix.	Clarify the discrepancy between proposed greenbelt percentage and documents submitted regarding the greenbelt.	Total Greenbelt area of the proposed project is 4345.0 sqm which is 20.4% of the net plot area (21313.0 sqm). Greenbelt layout of the proposed building is attached in Annexure-8.	-
x.	Document in support of access to Plot no-595 which is a Govt. land situated inside the proposed area and clarify the fate of the said Plot No. 595 (Govt. land).	There is 40' wide road in project area to access in Plot No. 595, Access Road shown in revenue map is attached as Annexure-9.	Road map is submitted
xi.	Documents in support of relaxation for construction of 6m wide road in the By-Laws from the BMC.	Reference document - ODA (Planning and Building Standards) Rules 2020, Chapter - VI, OVERLAY RULES, clause (4) - (iv) attached as Annexure - 10. In addition to this, as per BMC letter vide No. 25968 dated 26/05/2023 there is provision to connect with 24.00 mtr road through 18.0 mtr road before occupancy Letter in support is attached as Annexure-11. Further the	All copies submitted.

proposal for acquisition of CDP and master plan road in the vicinity of our project, which is part of East Kuakhai is at advance stage by Bhubaneswar Development Authority. A letter vide No 47498 same is enclosed as per **Annexure-12.**

25. As per site visit report documents raised are:

- i) Revenue map indicating plot details of the gifted land to widen the road from 13 ft to about 50 ft road with copy of gift deed, BMC order/permission – As per the ADS submitted
- ii) Ownership of the land showing in revenue map for road expansion and further connecting the drain to Prachi Dhara - As per the ADS submitted
- iii) BMC permission letter to construct drain in side of road and allow discharge of treated water to Prachi Dhara - As per the ADS submitted
- iv) Also an affidavit that the PP will develop the road width from existing to 18 mtr to connect to the Avenue-7 and drain to be constructed in the side in their own land to discharge the treated water to Prachi Dhara – As per the ADS submitted BMC had also instructed to do the same as letter submitted under Annexure 11
- v) Structural stability, Traffic study vetted and green belt plan (as not much trees there) - As per the ADS submitted

Considering the information furnished and the presentation made by the consultant, **M/s Centre for Envotech & Management Consultancy Pvt. Ltd, Bhubaneswar** along with the project proponent.

2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 28.12.2023 and the SEAC recommended for grant of Environmental Clearance valid for 10 years with stipulated conditions as per **Annexure – B** in addition to the following specific conditions.

- i) The PP needs to obtain permission from appropriate authority for discharge of excess treated effluents to nearby drain/nalla before construction or maintain zero discharge in all seasons.
- ii) 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.
- iii) The Proponent shall obtain permission/NOC from Executive Engg. (PHD) and / or from the appropriate authority for disposal of excess STP treated water to the nearest drain without which the Proponent will not start construction work. Also, in case of the connecting drain passing through others land (Govt. or Private land), the Proponent shall obtain the permission and possession as the case may be.
- iv) The proponent shall use solar energy at least to the tune of 5% of total power requirement as proposed.
- v) The proponent shall obtain permission from concerned Fire Safety Authority.
- vi) Trees located within the project area shall be transplanted to alongside the boundary green development area.
- vii) The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.



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viii) The project proponent shall maximise utilisation of treated water in flushing, plantations and ground washings etc. as per need to reduce water discharge to drain. This shall be verified in future compliance report.

ix) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.

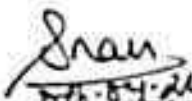
Decision of Authority: Approved

After detailed deliberation in the matter, the authority approved EC subject to condition that the widening of road from 13 ft to 50 ft or 18 meter as per the affidavit of the project proponent along with drains to be constructed before start of the main affordable housing project.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


04.04.24
Chairman, SEIAA

PARIVESH I.0, AGENDA No.162.17

Proposal No.	SIA/OR/INFRA2/446299/2023
Date of application	29.09.2023
File no.	446299/514-INFRA2/09-2023
Project Type	New proposal for EC
Category	B2
Project/Activity including Schedule No.	8(a) Building & Construction Project
Name of the Project	Proposal for EC for construction of Integrated Double Basement and G+22 (Block-1) & G+22 (Block-2) storied High-rise Residential apartment (MIG Category) Complex having total built-up area 66536.14 sqm located at Plot No. 1113 (P), Khata no.- 516 of Mouza-Dumuduma, Tehsil-Bhubaneswar, District- Khurda, Odisha by M/s Ashiana Realty LLP
Name of the company/Organization	M/s. ASHIANA REALTY LLP Binod Kumar Agrawal, Authorized Signatory
Location of Project	Mouza-Dumuduma, Tehsil- Bhubaneswar, District- Khurda, Odisha
ToR Date	NA
Name of the Consultant	M/s. Grass Roots Research and Creation India (P) 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 Environmental Clearance of M/s. Ashiana Realty LL for Integrated Double Basement and G+22 (Block-1) & G+22 (Block-2) storied High-rise Residential apartment (MIG Category) Complex having total built-up area 66536.14 sqm located at Plot No. 1113 (P), Khata no.- 516 of Mouza-Dumuduma, Tehsil- Bhubaneswar, District- Khurda, Odisha by M/s Ashiana Realty LLP.
2. **Category:** This project falls under Category 'B', Project or Activity 8(a) Building and Construction projects as per EIA Notification dated 14th Sept, 2006 as its amendments.
3. **Location and connectivity:** Project site is connected through 18 m wide road. The Nearest Highway is NH-16 which is 0.8km in West direction from the project site. NH-316 is 7.4km towards East direction, SH-13 is 11.8km towards SSW direction, & OSHB Phase 5 Site connecting road is adjacent to the project site in south direction. The nearest Railway Station is Sarkantra Railway Station is about 2 km (SSE) away from the project site. Biju Patnaik International Airport is at 2.2 km (E) from project site.
4. Total Plot area measures 9,866.220 m² (2.438 acre) and the proposed built-up area is 66,536.14 m².
5. **Area Statement:**

S. No.	PARTICULARS	AREA (sq.m.)
i)	Total plot area	9,866.220
ii)	Permissible Ground coverage (@40% of plot area)	3,946.488
iii)	Proposed Ground coverage (@33.425% of the plot area)	3,297.770
iv)	Permissible FAR (@6.0of the Net plot area)	59,197.32
v)	Proposed FAR (@ 4.68 of Net plot area)	46,177.530
vi)	Non-FAR area	20,358.610
vii)	Total Built-up Area	66,536.14

6. The total population of project after proposed will be 2,020 persons including Residents, maintenance staff & visitors.

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Water requirement: The total water requirement will be met through Ground water and Bore well which is approx. 263 KLD. Total domestic water requirement is 253 KLD, out of which fresh water requirement is approx. 168 KLD, & flushing water will be 85 KLD.

Wastewater details: The project will generate approx. 219 KLD of wastewater. The wastewater will be treated in an onsite STP of 265 KLD capacity. The treated effluent will be reused for flushing & horticulture. Surplus treated effluent will be discharged to external sewer.

9. **Rainwater harvesting details:** Total 9 nos. of Rainwater harvesting pits will be provided for storage of rain water.

10. **Parking details:** Total parking are proposed is 13,347.99 m². The total parking area required is 11,213.688m².

11. **Power Requirement:** The requirement load for the project will be 1310 KVA. The power supply will be supplied by State Electricity Board. There is provision of 2 nos. of DG sets total 1500 KVA (2*750 KVA) capacity for power back up. The DG sets will be equipped with acoustic enclosure to minimize noise generation and adequate stack height for proper dispersion.

12. **Solid waste generation:** The total solid waste generation will be 985 kg/day for the proposed project.

13. **Greenbelt:** Total green area measures 2140.71 m² i.e. (22.74% of the net plot area). No. of trees required = 1 tree/80 sqm. of plot area = 9410.18/80 = 118 Nos. Total no. of trees proposed = 150 trees.

14. **Project cost:** Total estimated cost of the proposed project is Rs.159.12Cr. including land and development cost.

15. **Environment Consultant:** The Environment consultant **M/s. Grass Roots Research & Creation India (P) Ltd., Noida** along with the proponent made a presentation on the proposal before the Committee.

16. The SEAC in its meeting held on dated 18-10-2023 recommended the following:

A. **The proponent may be asked to submit the following for further processing of EC application:**

- Permission from Bhubaneswar Municipality Corporation to discharge treated waste water to the nearby existing drain.
- Details of exact nos. of felling of trees to be carried out as major area of the project site is covered with greenery. Accordingly, the project proponent shall transplant the greenbelt from the proposed site.
- Source of the water used for construction and permission obtained regarding the same.
- Details of Bottom RL, Ground RL of the Rainwater Harvesting pits during the summer and rainy season.

B. **The proposed site shall be visited by Sub-Committee of SEAC to verify the followings**

- Environmental settings of the project site.
- Verify if the site is a flood prone area.
- Construction activity if any started at the site.
- Road connectivity to the project site.
- Drainage network at the site.
- Discharge point for discharge of treated water and distance of the discharge point from the project site.
- Nothing has been mentioned on treatment of solid Bio-Medical Wastes as special attention is required for this.
- Any other issues including local issues.

17. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
1.	Permission from Bhubaneswar Municipality Corporation to discharge treated waste water to the nearby existing drain.	Permission from Bhubaneswar Municipality Corporation to discharge treated waste water to the nearby existing drain has been obtained and copy of the same is enclosed as Annexure-I .	Permission has been granted for discharge of storm water only. Permission from Bhubaneswar Municipality Corporation to discharge treated waste water to the nearby existing drain has not been submitted.

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	Details of exact nos. of felling of trees to be carried out as major area of the project site is covered with greenery. Accordingly, the project proponent shall transplant the greenbelt from the proposed site.	There are 82 nos. of trees present at site which will be cut. Application for NOC has been submitted to the office of Divisional Forest Officer & Wildlife Warden on 16.10.2023. Copy of acknowledgement of application is enclosed as Annexure-II .	Application for NOC has been submitted to DFO, Chandaka Wildlife division.
3.	Source of the water used for construction and permission obtained regarding the same.	Source of water during construction phase is Ground water and permission has been obtained from competent authority. Copy of the same is enclosed as Annexure-III .	NOC from CGWA for 50KLD is permitted and is valid upto 2028.
4.	Details of Bottom RL, Ground RL of the Rainwater Harvesting pits during the summer and rainy season.	Details of RWH pit are enclosed as Annexure – IV .	-

18. The proposed site was visited by the sub-committee of SEAC on 01.11.2023. Following are the observations of the sub-committee:

- a) The Project site is located in Dumduma with a sub road of 60 ft from NH. The Layout plans were explained by the Project proponent Team.
- b) It was observed that there are no construction activities in the land. The land is connected to the main road of about 60 ft and at other side of road there is already drain.
- c) There are lot of trees grown in side both in periphery and inside the site.
- d) The PP needs to submit the following:
 - i) Permission from BMC to discharge excess treated water to the drain.
 - ii) Before cutting any tree to take permission from the appropriate authority.
 - iii) Layout map showing the recharge pits and internal drain till fall out.
 - iv) All other documents asked during the presentation.

19. The project proponent has submitted the required information / documents as desired by the sub-committee of SEAC during the site visit as follows:

Information Sought by SEAC	Compliance furnished by the proponent
Environmental settings of the project site.	The project site is 3.9 km outside the ESZ of Chandaka Dampara Wildlife Sanctuary. DFO NOC is enclosed as Annexure-V . There is no other ecologically sensitive location near the project site.
Verify if the site is a flood prone area.	Project Site does not located in flood prone area.
Construction activity if any started at the site.	No construction activity has been initiated at project site.
Road connectivity to the project site.	Project site is connected through 18 m wide road and the Nearest Highway is NH-16 which is 0.8 km in West direction from the project site.
Drainage network at the site.	Waste water discharge plan showing drainage connectivity from project site is attached as Annexure-IV .
Discharge point for discharge of treated water and distance of the discharge point from the project site.	Details provided above in point no. 5.
Nothing has been mentioned on treatment of solid Bio-Medical Wastes as special attention is required for this.	It is a Residential Project. There will be no bio-medical waste generated.



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Any other issues including local issues.

No other issues

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 29.01.2024 and the SEAC recommended for grant of Environmental Clearance valid for 10 years with stipulated conditions as per **Annexure – B** in addition to the following specific conditions.

3. 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.
 4. The Proponent shall obtain permission/NOC from Executive Engg. (PHD) and / or from the appropriate authority for disposal of excess STP treated water to the nearest drain without which the Proponent will not start construction work. Also, in case of the connecting drain passing through others land (Govt. or Private land), the Proponent shall obtain the permission and possession as the case may be.
 5. The proponent shall use solar energy at least to the tune of 5% of total power requirement as proposed.
 6. The proponent shall obtain permission from concerned Fire Safety Authority.
 7. Trees located within the project area shall be transplanted to alongside the boundary green development area. The project proponent must obtain permission from an appropriate authority for cutting a few trees at the project site.
 8. The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.
 9. The project proponent shall maximise utilisation of treated water in flushing, plantations and ground washings etc. as per need to reduce water discharge to drain. This shall be verified in future compliance report.
 10. All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.
 11. The proponent shall obtain permission from Water Resources department, Odisha for use of ground water.
3. The proposal was placed in the 161st meeting of SEIAA held on 20.03.2024. After detailed deliberation in the matter, the authority decided to seek clarification on the following:
- i) The PP is required to obtain permission / NOC from BMC for discharge of treated waste water to the nearby existing drain.
 - ii) Since, use of ground water is not permitted during construction, the PP is required to submit alternative plan for meeting the water requirement during construction period.

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

Decision of Authority: Approved

After detailed deliberation in the matter, the authority approved EC subject to the following condition.

- i) The PP shall obtain permission / NOC from BMC for discharge of treated waste water to the nearby existing drain.
- ii) Since, use of ground water is not permitted during construction, the PP shall meet the water requirement through water tanker as proposed.


Member Secretary, SEIAA

APPROVED BY


Member SEIAA


06.04.24
Chairman, SEIAA



Minutes of 162nd Meeting of SEIAA, Odisha held on 03.04.2024 & 04.04.2024

PARIVESH 1.0, AGENDA No.162.20	
Proposal No.	SIA/OR/MIN/452837/2023
Date of application	21.11.2023
File no.	452837/995-MINB2/11-2023
Project Type	New EC proposal
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for EC mining of laterite stone from Aranga Laterite Stone Quarry(B) Over an area of 12.35 Acre or 4.99 Hectares in village Aranga under Tangi Tahasil of Khordha District of Odisha.
Name of the company/Organization	Smt. Minakshi Pradhan
Location of Project	village Aranga under Tangi Tahasil of Khordha District of Odisha.
ToR Date	NA
Name of the Consultant	NA

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 Aranga Laterite Stone Quarry(B) Over an area of 12.35 Acre or 4.99 Hectares in village Aranga under Tangi Tahasil of Khordha District of Odisha.
- (ii) The mining area is a part of Survey of India Toposheet No. 73H/8 & 73H/12 and is bounded between the Latitude - 20°04' 07.0" N to 20°04' 16.9" N & Longitude 85°29' 18.6" E to 85°29' 27.7E..
- (iii) The mining lease is an identified sairat source in the DSR. The Aranga Laterite Stone Quarry(B) sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Tangi to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (iv) Documents submitted: -Form-1, DLC, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (v) Whether submitted KML file of the lease area-Yes
- (vi) Whether submitted scrutiny fee-Yes of Rs. 2000/- vide e Challan Reference Id no. 35D0612C93 dt. 29.11.2023.
- (vii) Distance from nearest sanctuary/ESZ- Chandaka WLS-25.0 Km
- (viii) Whether the lease area coming in DLC report-No N/A
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Semi-mechanized, depth of mining 3.0 meter
- (xi) Distance from nearest road bridge-3.9 km, village road -0.40 km
- (xii) Whether it is part of cluster -No.
- (xiii) Whether EC obtained earlier-No.
- (xiv) Date of approval of mining plan- the Director of Geology, Bhubaneswar vide letter no.1942 dt.11.03.2020.
- (xv) Production capacity per annum-1800 cum/annum (max.), total production in 5 years period-9000 cum, Geological reserve-74958 cum and Mineable reserve-65205 cum.
- (xvi) Whether the DSR has been prepared as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020- No
- (xvii) The EMP budget provision of Rs. 2.50/- Lakh/annum
- (xviii) Any deficiencies/omission have been noticed in the above documents- Nil

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2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 06th & 12th March 2024 and the SEAC recommended to grant EC valid from the date of EC accorded up to the lease period with following additional conditions.

- i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.
- ii) In view of likely revision of DSR the mention of this deposit with final coordinates is to be ensured
- iii) Plantation programme to be completed within first two years and to be maintained in remaining years.
- iv) Depth of Mining as proposed should not be beyond 6m from the ground level.
- v) Mitigation measures for flying Rock for safety be put in place.
- vi) Stone quarry project proponent need to maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.
- vii) The boundary area of the deposit as per the revised / updated DSR to be defined by geo coordinates based on DGPS survey superimposed on the cadastral map.
- viii) Construction of gariand drains retaining wall and settling tank should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity.
- (ix) All removed topsoil to be stacked and used for plantation in the surroundings of mining area / post mine closure in the mined-out area. (x) All recommended precautions for blasting operations to be followed. Blasting to be done by DGMS approved agency. No explosives to be stored at the mining lease site.

Decision Of Authority: Approved

After detailed deliberations, the Authority decided to **grant Environmental Clearance** with usual stipulated conditions as applicable for stone quarry.

- Maximum depth of mining as per approved mining plan and maximum quantity of extraction shall be limited to **1800 cum in 1st year and 1800 cum in 2nd year.**
- The EC is valid till validity of DSR or validity of lease period whichever is earlier.
- The Grant of EC for further period will be considered after submission of approved DSR by SEIAA as per the MoEF& CC, Govt. of India Notification S.O. 3611(E) dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guideline for sand mining-2020 and also as per the Hon'ble Supreme Court order vide its order dated 10.11.2021 in Civil Appeal Nos. 3661-3662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others).
- The Project Proponent (lease holder) shall deposit Rs.2,50,000/-, with the respective District Environment Society for raising 500 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- The PP will implement the EMP with a budgetary allocation of Rs. 2.50 Lakh/annum.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


06.04.24
Chairman, SEIAA



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PARIVESH I.O, AGENDA No.162.24

Proposal No.	SIA/OR/MIN/292660/2022
Date of application	20.03.2024
State file no.	-
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for transfer of EC of Sankarpur Morrur Quarry-I over an area 12.20Ac or 4.93Ha. in Village-Sankarpur , Tahasil-Dhenkanal, Dist-Dhenkanal
Name of the company/Organization	Sri Krushna Chandra Swain
Location of Project	Village-Sankarpur, Tahasil-Dhenkanal, Dist-Dhenkanal

Proposal in brief:

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

- (i) This is a proposal Transfer of EC of Sankarpur Morrur Quarry-I over an area 12.20Ac or 4.93Ha. in Village-Sankarpur , Tahasil-Dhenkanal, Dist-Dhenkanal.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, forwarding letter, Status of quarry and scrutiny of Rs. 1000/- vide e-Challan Ref. No. 337533D45A dated 09.10.2022.
- (iii) The EC of Sankarpur Morrur Quarry-I over an area 12.20Ac or 4.93Ha. in Village-Sankarpur , Tahasil-Dhenkanal, Dist-Dhenkanal was in favour of Tahasildar, Dhenkanal vide SEIAA letter no./Identification No. 3353/SEIAA dt. 12.10.2021.
- (iv) Present status of quarry- Non-working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Dhenkanal to Sri Krushna Chandra Swain, (highest bidder/lessee) with attaching Tahasildar, Dhenkanal forwarding letter vide letter no. 7449 dated 28.09.2022
- (vii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

Decision of Authority: Approved

After detailed deliberation, the Authority **allowed the transfer of EC** in favour of successful bidder/lessee for Sankarpur Morrur Quarry-I. The new lessee shall comply EC conditions issued earlier vide letter no. 3353/SEIAA dt. 12.10.2021 with the following additional conditions within 6(six) months:

- a) Boundary Demarcation: - The boundary of the lease area shall be demarcated on ground at the project cost, by erecting 1.20 meter (4 feet approx.) high reinforced concrete pillars above ground, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates by any empanelled agency of ORSAC.
- b) Digital Map: -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the concerned lease granting Authority Tahasildar/Mining Officer shall be submitted to SEIAA, Odisha through email at info.seiaaodisha@gmail.com.
- c) Intimation of EC: -The copies of the EC shall be sent to the Sarpanch (s) of the concerned Gram Panchayat (s), Urban Local Bodies and relevant other Offices of the Government with a request to display the same for 30 days from the date of receipt.

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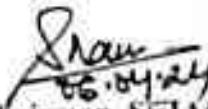


- d) Tree Plantation:-Compensatory Tree Planting (CTP) shall be carried out with minimum @100 trees per Ha. of lease area as per the approved cost norm for avenue plantations of the State Forest Department. The Project Proponent (lease holder) shall deposit Rs.2,50,000/- with the respective District Environment Society for raising 500 plants of native species within 2 years in a suitable location adjoining to quarry.
- e) State EMF Fund: - An amount equal to five percent (5%) of the royalty payable shall be collected from the lessee by the lease granting authority Tahasildar/Mining Officer and deposited to the State Environment Management Fund, which will be utilized as per provisions of Rule 49(3) of the OMMC Rule, 2016 preferably, in and around the areas where mining activities are undertaken.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


06.04.24
Chairman, SEIAA



PARIVESH 1.0, AGENDA No.162.25

Proposal No.	SIA/OR/MIN/292662/2022
Date of application	20.03.2024
State file no.	-
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for transfer of EC of Sankarpur Morrur Quarry-2 over an area 12.15Ac or 4.91Ha. in Village-Sankarpur , Tahasil-Dhenkanal, Dist-Dhenkanal
Name of the company/Organization	Sri Krushna Chandra Swain
Location of Project	Village-Sankarpur , Tahasil-Dhenkanal, Dist-Dhenkanal

Proposal in brief:

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

- (i) This is a proposal Transfer of EC of Sankarpur Morrur Quarry-2 over an area 12.15Ac or 4.91Ha. in Village-Sankarpur , Tahasil-Dhenkanal, Dist-Dhenkanal.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, forwarding letter, Status of quarry and scrutiny of Rs. 1000/- vide e-Challan Ref. No. 3375338532 dated 09.10.2022.
- (iii) The EC of Sankarpur Morrur Quarry-2 over an area 12.15Ac or 4.91Ha. in Village-Sankarpur , Tahasil-Dhenkanal, Dist-Dhenkanal was in favour of Tahasildar, Dhenkanal vide SEIAA letter no./Identification No. 2022/SEIAA dt. 05.08.2021.
- (iv) Present status of quarry- working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Dhenkanal to Sri Krushna Chandra Swain, (highest bidder/lessee) with attaching Tahasildar, Dhenkanal forwarding letter vide letter no. 6952 dated 12.09.2022
- (vii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

Decision of Authority: Approved

After detailed deliberation, the Authority **allowed the transfer of EC** in favour of successful bidder/lessee for Sankarpur Morrur Quarry-2. The new lessee shall comply EC conditions issued earlier vide letter no. 2022/SEIAA dt. 05.08.2021 with the following additional conditions within 6(six) months:

- a) **Boundary Demarcation:** - The boundary of the lease area shall be demarcated on ground at the project cost, by erecting 1.20 meter (4 feet approx.) high reinforced concrete pillars above ground, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates by any empanelled agency of ORSAC.
- b) **Digital Map:** -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the concerned lease granting Authority Tahasildar/Mining Officer shall be submitted to SEIAA, Odisha through email at info.seiaaodisha@gmail.com.
- c) **Intimation of EC:** -The copies of the EC shall be sent to the Sarpanch (s) of the concerned Gram Panchayat (s), Urban Local Bodies and relevant other Offices of the Government with a request to display the same for 30 days from the date of receipt.
- d) **Tree Plantation:**-Compensatory Tree Planting (CTP) shall be carried out with minimum @100 trees per Ha. of lease area as per the approved cost norm for avenue plantations of the State Forest

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

State EMF Fund: - An amount equal to five percent (5%) of the royalty payable shall be collected from the lessee by the lease granting authority Tahasildar/Mining Officer and deposited to the State Environment Management Fund, which will be utilized as per provisions of Rule 49(3) of the OMMC Rule, 2016 preferably, in and around the areas where mining activities are undertaken.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


06.04.24
Chairman, SEIAA



PARIVESH I.0, AGENDA No.162.26

Proposal No.	SIA/OR/MIN/923464/2022
Date of application	03.04.2024
State file no.	9865/SEIAAA
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for transfer of EC of Amantipada Road Metal Quarry-II over an area 3.10Ac or 1.25Ha. in Village- Amantipada, Tahasil-Odapada, Dist-Dhenkanal
Name of the company/Organization	Sri Basudev Sahoo
Location of Project	Village-Amantipada, Tahasil-Odapada, Dist-Dhenkanal

Proposal in brief:

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

- (i) This is a proposal Transfer of EC of Amantipada Road Metal Quarry-II over an area 3.10Ac or 1.25Ha. in Village- Amantipada, Tahasil-Odapada, Dist-Dhenkanal.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, forwarding letter, Status of quarry and scrutiny of Rs. 1000/- vide e-Challan Ref. No. 337AA97021 dated 01.11.2022.
- (iii) The EC of Amantipada Road Metal Quarry-II over an area 3.10Ac or 1.25Ha. in Village-Amantipada, Tahasil-Odapada, Dist-Dhenkanal was in favour of Tahasildar, Odapada vide SEIAA letter no./Identification No. 1994/SEIAA dt. 05.08.2021.
- (iv) Present status of quarry- working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Odapada to Sri Basudev Sahoo, (highest bidder/lessee) with attaching Tahasildar, Odapada forwarding letter vide letter no. 5180 dated 27.04.2022
- (vii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

Decision of Authority: Approved

After detailed deliberation, the Authority **allowed the transfer of EC** in favour of successful bidder/lessee for Amantipada Road Metal Quarry-II. The new lessee shall comply EC conditions issued earlier vide letter no. 1994/SEIAA dt. 05.08.2021 with the following additional conditions within 6(six) months:

- a) Boundary Demarcation: - The boundary of the lease area shall be demarcated on ground at the project cost, by erecting 1.20 meter (4 feet approx.) high reinforced concrete pillars above ground, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates by any empanelled agency of ORSAC.
- b) Digital Map: -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the concerned lease granting Authority Tahasildar/Mining Officer shall be submitted to SEIAA, Odisha through email at info.seiaaodisha@gmail.com.
- c) Intimation of EC: -The copies of the EC shall be sent to the Sarpanch (s) of the concerned Gram Panchayat (s), Urban Local Bodies and relevant other Offices of the Government with a request to display the same for 30 days from the date of receipt.
- d) Tree Plantation:-Compensatory Tree Planting (CTP) shall be carried out with minimum @100 trees per Ha. of lease area as per the approved cost norm for avenue plantations of the State Forest

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Department. The Project Proponent (lease holder) shall deposit Rs.50,000/- with the respective District Environment Society for raising 100 plants of native species within 2 years in a suitable location adjoining to quarry.

- e) State EMF Fund: - An amount equal to five percent (5%) of the royalty payable shall be collected from the lessee by the lease granting authority Tahasildar/Mining Officer and deposited to the State Environment Management Fund, which will be utilized as per provisions of Rule 49(3) of the OMMC Rule, 2016 preferably, in and around the areas where mining activities are undertaken.



Member Secretary, SEIAA

APPROVED BY



Member, SEIAA



Chairman, SEIAA
06.04.24



Minutes of 162nd Meeting of SEIAA, Odisha held on 03.04.2024 & 04.04.2024

PARIVESH I.0, AGENDA No.162.27

Proposal No.	SIA/OR/MIN/293673/2022
Date of application	03.04.2024
State file no.	9865/SEIAAA
Project Type	Transfer of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for transfer of EC of Amantipada Road Metal Quarry-III over an area 8.00Ac or 3.23Ha. in Village- Amantipada, Tahasil-Odapada, Dist-Dhenkanal
Name of the company/Organization	Sri Premananda Sahoo
Location of Project	Village-Amantipada, Tahasil-Odapada, Dist-Dhenkanal

Proposal in brief:

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

- (i) This is a proposal Transfer of EC of Amantipada Road Metal Quarry-III over an area 8.00Ac or 3.23Ha. in Village- Amantipada, Tahasil-Odapada, Dist-Dhenkanal.
- (ii) Documents submitted: Application in Form-7, earlier EC copy, forwarding letter, Status of quarry and scrutiny of Rs. 1000/- vide e-Challan Ref. No. 337AE81C4D dated 05.11.2022.
- (iii) The EC of Amantipada Road Metal Quarry-III over an area 8.00Ac or 3.23Ha. in Village- Amantipada, Tahasil-Odapada, Dist-Dhenkanal was in favour of Tahasildar, Odapada vide SEIAA letter no./Identification No. 2000/SEIAA dt. 05.08.2021.
- (iv) Present status of quarry- working
- (v) Whether submitted KML file-Yes
- (vi) The project proponent applied proposal for transfer of EC from the name Tahasildar, Odapada to Sri Premananda Sahoo, (highest bidder/lessee) with attaching Tahasildar, Odapada forwarding letter vide letter no. 5182 dated 27.09.2022
- (vii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – N/A

Decision of Authority: Approved

After detailed deliberation, the Authority **allowed the transfer of EC** in favour of successful bidder/lessee for Amantipada Road Metal Quarry-III. The new lessee shall comply EC conditions issued earlier vide letter no. 2000/SEIAA dt. 05.08.2021 with the following additional conditions within 6(six) months:

- a) Boundary Demarcation: - The boundary of the lease area shall be demarcated on ground at the project cost, by erecting 1.20 meter (4 feet approx.) high reinforced concrete pillars above ground, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates by any empanelled agency of ORSAC.
- b) Digital Map: -A digital map (in KML format as well as PDF version) showing GPS coordinates of all boundary pillars duly countersigned by the concerned lease granting Authority Tahasildar/Mining Officer shall be submitted to SEIAA, Odisha through email at info.seiaaodisha@gmail.com.
- c) Intimation of EC: -The copies of the EC shall be sent to the Sarpanch (s) of the concerned Gram Panchayat (s), Urban Local Bodies and relevant other Offices of the Government with a request to display the same for 30 days from the date of receipt.



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- d) Tree Plantation:-Compensatory Tree Planting (CTP) shall be carried out with minimum @100 trees per Ha. of lease area as per the approved cost norm for avenue plantations of the State Forest Department. The Project Proponent (lease holder) shall deposit Rs.1,50,000/- with the respective District Environment Society for raising 300 plants of native species within 2 years in a suitable location adjoining to quarry.
- e) State EMF Fund: - An amount equal to five percent (5%) of the royalty payable shall be collected from the lessee by the lease granting authority Tahasildar/Mining Officer and deposited to the State Environment Management Fund, which will be utilized as per provisions of Rule 49(3) of the OMMC Rule, 2016 preferably, in and around the areas where mining activities are undertaken.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


08.04.24
Chairman, SEIAA



PARIVESH 1.0, AGENDA No.162.28

Proposal No.	SIA/OR/IND1/442469/2023
Date of application	25.10.2023
File no.	442469/49-IND1/10-2023
Project Type	ToR proposal
Category	B1
Project/Activity including Schedule No.	3(a) Metallurgical Industries (ferrous and non-ferrous) i.e. Secondary metallurgical processing industry (Non-Toxic)-Process involving melting/heating based on gas/electric based furnaces
Name of the Project	Proposal for ToR for Expansion of Production Capacity from 24000 MTPA to 52000 TPA of M/s. Billets/Ingots by replacement of existing induction Furnace (5 Ton/Heat + 3 Ton/Heat) with 2 X 8 Ton/Heat Induction Furnace at Plot No. 19/1019, Goibhanga, P.O.-Kalunga, District- Sundargarh, Odisha by M/s Shri Radha Krishna Ispat Pvt Ltd.
Name of the company/Organization	Mr Arihant Jain, Director M/s. Shri Radha Krishna Ispat Private Limited
Location of Project	At-Goibhanga, P.O.-Kalunga, District-Sundargarh, Odisha
ToR Date	N/A
Name of the Consultant	M/S. Parivesh Environmental Engineering Services

- 1. Proposal in brief:** The highlights of the proposal as ascertained from the application and as revealed from proceedings/discussion held during the meeting of SEAC/SEIAA, are given as under.
- The proposal was considered by the committee to determine the "Terms of Reference (ToR)" for undertaking detailed EIA study for the purpose of obtaining environmental clearance in accordance with the provisions of the EIA Notification, 2006 and amendment thereafter.
 - This proposal is for Terms of Reference of M/s Shri Radha Krishna Ispat Pvt Ltd., for Expansion of Production Capacity of MS Billets/Ingots from 24000 TPA to 52000 TPA by replacement of existing induction Furnace (5 Ton/Heat + 3 Ton/Heat) with 2 X 8 Ton/Heat Induction Furnace over an area 3.04 acres at Plot No. 19/1019, Goibhanga, P.O.-Kalunga, District- Sundargarh of Sri Arihant Jain.
 - Category:** This is an existing project and is categorized under Category 'B' under Schedule item 3(a)- Metallurgical Industries (ferrous and non-ferrous), of Gazette Notification dated 14th September, 2006 and its subsequent amendments.
 - M/s Shri Radha Krishna Private Limited is an existing industrial unit producing Pencil Ingots through Induction Furnaces of capacity 5 Ton/Heat & 3 Ton/Heat.
 - Location and connectivity:** The proposed project is of area 3.04 Acres (1.23 Ha) located at Plot No. 19/1019, Goibhanga P.O.-Kalunga, District- Sundargarh, Odisha. The project is bounded by Latitude 22°19'45.84"N and Longitude 84°44'39.18"E. The nearest Railway Station is Kalunga Railway Station which is located at about 1.2 km in SW direction and Rourkela Airport is at a distance of

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approx. 7.0 km in ENE direction from the project site. Nearest habitation is Village – Bijabahal - 0.3 km. Nearest National Highway is NH-143, 4.0 Km in East Direction and nearest State Highway SH-10 is 1.0 Km, North. Nearest Water Bodies are Longmohan Nadi is at 0.1km W and Sankh River is at 2.3km N. Nearest Protected forest is Kacharu PF at 12.3km and nearest Reserve forest is Sagior RF at 4.4km from the project site.

(vi) The renewal of last consent was granted by State Pollution Control Board, Odisha vide No. 2502/RO-CTO-0403 dated 10.02.2021. Consent Order no 131/SPCB/RKL (APC & WPC) which is valid up to 31.03.2026.

(vii) Details of Existing and Proposed Plant

S. No.	Particulars	Existing	Proposed expansion	Total
i)	Induction Furnace	5 Ton Ton/heat	+3 2X8 Ton/heat (By replacing existing furnaces)	2X8 Ton/heat
ii)	Production capacity (MS Ingots/ Billets Production)	24,000 TPA	28000 TPA	52000 TPA
iii)	CCM	---	2 Strand, 4/7 m radius	2 Strand, 4/7 m radius
iv)	Fixed capital investment	11.15 Cr.	4.85 Cr.	16.00 Cr.
v)	Electrical power requirement	2.9 MW	2.6 MW	5.5 MW
vi)	Land area	3.04 Acres (1.23 Hect.)	---	3.04 Acres (1.23 Hect.)
vii)	Manpower requirement	80	20	100

Raw material requirement:

S. No.	Raw Material	Existing Capacity (TPA)	Proposed Capacity (TPA)	Total Capacity (TPA)	Source	Mode of transport
1	Sponge Iron	19800	23100	42900	Open Market	Road
2	Pig Iron	2640	3080	5720	Open Market	Road
3	MS Scrap	2640	4775	7415	Open Market	Road
4	Alloys	1320	1540	2860	Open Market	Road

(viii) **Water Requirement:** The existing daily fresh water requirement is 9 m³/day and is being sourced from existing bore well and NOC has been obtained from CGWA vide 21-4/5233/OR/IND/2023. Additional 15KLD fresh water will be required for expansion proposal for which CGWA Application is under process. After expansion, total freshwater requirement will be 24 KLD. After expansion, total water demand is 38.5 KLD, out of which fresh water will be 24 KLD which will be sourced from Ground Water. 14.5 KLD water will be recycled.

S. No.	Particulars	Fresh (KLD)	Recycled (KLD)	Total Water Demand (KLD)
i)	Industrial	14	7	21
ii)	Domestic	10	-	10

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(ii)	Plantation	7.5*	STP treated water of 7.5 KLD will be used for greenbelt development	7.5
	Total	24	14.5	38.5

(ix) **Wastewater generation:** The following will be the waste water generation from the proposed project and method of disposal.

S. No	Particulars	Wastewater generation (KLD)	Management
i)	Industrial	7.0	IF: -Blow-down water from cooling systems will be utilized for the plant through closed circuit cooling system.
ii)	Domestic	8.0	Domestic sewage is being treated in STP and treated water is being used for greenbelt development.

(ix) **Solid waste generation and management:** The following will be the Solid waste generation from the proposed project and method of disposal.

S. No	Particulars	Existing Quantity (TPA)	Proposed Quantity (TPA)	Total Quantity after Expansion (TPA)	Management
i)	Municipal Solid Waste (Kg/day)@0.2 kg/person	3.6	1.8	5.4	It is being send to Municipal corporation
ii)	Slag	2640	3080	5720	Crushed in own Slag crushed unit after that metallic part used in house Billet Manufacturing and non metallic part reused for landfilling
iii)	Mill Scale	14.2	16.8	31	Dried and used in IF
iv)	Refractories	240	300	540	Sold to Building contractor

(x) **Manpower Requirement:** The proposed project will generate direct employment 100 No's which will be employed officials, staff, skilled, semi -skilled labour & 100 Nos. indirectly employed in contract works & transport.

(xi) **Power Requirement:** Total power requirement for plants is 5.5 MW. Source from State Electricity Board. A DG Set capacity of 250 KVA also provided standby.

(xii) **Greenbelt development plan:** Approx. 0.406 Ha. of total land availability is reserved for greenbelt development plan. About 1015 Nos. (0.406 ha. x 2500 plant/ha.) Plants will be maintained. Nos. of



trees already planted = 115 Nos. Nos. of Plants yet to be planted = 1015-115 = 900 Nos. Greenbelt of 33% of the area will be developed in the plant premises as per CPCB guidelines.

(xii) **Total Project cost:** The estimated total project cost of the proposed project is 16.00 Crores. EMP Cost incurs a capital cost of 100 lakhs and recurring cost of 29 lakhs.

S.No	Particulars	Amount (In lakhs)	
		Capital Cost	Recurring Cost/ Annum
i)	Air Pollution /Noise pollution Control System	80	15.00
ii)	Green Belt Development	10	2.00
iii)	Environment Monitoring and Management	-	8.00
iv)	Water Pollution Control System	05	2.00
v)	Occupational Health& Safety	05	2.00
	Total	100	29.00

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

2. **Whether SEAC recommended the proposal** – The proposal was placed in SEAC meeting held on 01.01.2023 and the SEAC prescribed the ToR for conducting detailed EIA study with following specific ToRs.

- (ii) The Project proponent shall not increase the connecting load from the state grid 20% more than the existing load.
- (iii) Note on existing green area and proposed green area.
- (iv) Furnish details on types of alloys, its composition obtained from suppliers, types of billets/ingots manufactures and quantity of billet production etc.
- (v) The Project proponent shall provide supporting documents like Memorandum of Understanding (MoU) with Raw material suppliers in EIA report.
- (vi) Detailed note on slag processing, composition of slag, facilities provided for processing along with flowchart for the same.
- (vii) The Project Proponent shall clarify whether the slag will be used in land filling purpose; if so then area earmarked, how much period it can be stored and method of storage for it. If the Project Proponent is planning for slag disposal, then provide details on slag disposal process and its management.
- (viii) The project proponent shall brief the Air Pollution Control measures taken and fume collection system in new induction furnaces.
- (ix) The project proponent shall keep provision of solar power generation.

3. The Proposal was placed in the 150th SEIAA, Odisha meeting held on 02.01.2024 and the Authority observed that the existing production capacity of the unit for production of MS Billet / MS Ingots is more than 5000 TPA and the proposal falls into item no.3(a)-secondary metallurgical processing unit. After detailed deliberation in the matter, the Authority decided to seek clarification why the proposal shall not be considered as a violation category since the existing production capacity of the unit is more than 5000 TPA during the period 2007-2011. The PP shall also furnish the year wise production till date duly certified by the competent authority. Accordingly, ADS letter issued to PP on 09.01.2024 for clarification on the above mentioned point.

4. Now, the PP has submitted their reply vide letter no. Nil dt. 17.03.2024 and uploaded in Parivesh Portal on 22.03.2024

Decision of Authority: Referred back to SEAC

The authority observed that this is a proposal for Expansion of Production Capacity from 24000 MTPA to 52000 TPA of M/s. Billets/Ingots by replacement of existing induction Furnace (5 Ton/Heat + 3 Ton/Heat) with 2 X 8 Ton/Heat Induction Furnace. The PP has applied for EC under the provision of MoEF&CC



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Notification No. S.O 3194 (E) dated 20.07.2022 meant for all re-rolling unit or cold rolling unit which are in existence and in operation as on date of the notification dated 20.07.2022. However, the EIA Notification, 2006 under 3(a)- ii, provides requirement of EC for all other nontoxic secondary metallurgical processing unit >5000 tones per annum. The case is referred back to SEAC for their examination and views if the present proposal comes under hot rolling mill or cold rolling mill.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA

Chairman, SEIAA



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PARIVESH 1.0, AGENDA No.162.29

Proposal No.	SIA/OR/IND1/446560/2023
Date of application	03.10.2023
State file no.	446560/51-IND1/02-2024
Project Type	Fresh ToR for expansion proposal
Category	B1
Project/Activity including Schedule No.	3(a) - Metallurgical Industries (ferrous and nonferrous)
Name of the Project	Proposal for ToR of Merger of New Laxmi Steel & Power Pvt. Ltd. & New Laxmi Industry Pvt. Ltd., located adjacent at Jayamangala, Sarua, Khordha to form a single entity named as New Laxmi Steel & Power Pvt. Ltd. & Expansion of existing IF from 58,700 TPA (2 X 8 T + 1X10T) to final 4,45, 500 TPA (Replacement of existing 2 X 8T with new 2 X 25T, existing 1 x 10 T and new 3 x 25 T) and No expansion of Existing 1,44,000 TPA Rolling mill, 1,20,000 TPA Structural mill & 29,000 TPA Galvanized Steel.
Name of the company/Organization	New Laxmi Steel & Power Private Limited MR RAHUL AGRAAWAL, Director
Location of Project	
ToR issued Date	
Name of Consultant	M/s. Visiontek Consultancy Services 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 SEIAA, are given as under.

1. The proposal was considered by the committee to determine the "Terms of Reference (ToR)" for undertaking detailed EIA study for the purpose of obtaining environmental clearance in accordance with the provisions of the EIA Notification, 2006 and amendment thereafter.
2. This proposal is for Terms of Reference (ToR) for obtaining Environmental Clearance of M/s New Laxmi Steel & Power Pvt. Ltd. & M/s New Laxmi Industry Pvt. Ltd for Expansion of existing IF from 58,700 TPA (2 X 8 T + 1X10T) to final 4,45, 500 TPA (Replacement of existing 2 X 8T with new 2 X 25T, existing 1 x 10 T and new 3 x 25 T) and No expansion of Existing 1,44,000 TPA Rolling mill, 1,20,000 TPA Structural mill & 29,000 TPA Galvanized Steel located adjacent at Jayamangala, Sarua, Khordha of Sri Rahul Agrawal.
3. **Category:** This project falls under Category "B" under 3(a) - Metallurgical Industries (ferrous and nonferrous) as per EIA Notification dated 14th Sept, 2006 and its amendments.
4. The PP proposes Merger of New Laxmi Steel & Power Pvt. Ltd. & New Laxmi Industry Pvt. Ltd., located adjacent at Jayamangala, Sarua, Khordha to form a single entity named as New Laxmi Steel & Power Pvt. Ltd. & Expansion of existing IF from 58,700 TPA (2 X 8T + 1X10T) to Final 4,45, 500 TPA (Replacement of existing 2 X 8T with new 2 X 25T, existing 1 x 10 T and new 3 x 25 T) and No



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expansion of Existing 1,44,000 TPA Rolling mill, 1,20,000 TPA Structural mill & 29,000 TPA Galvanized Steel.

Location and connectivity: The project site is in IDCO Land of 6.9160Ha. (17.090 acres) is located at Plot No 1974(P) & 192/244(P), 1974(P). Revenue Khata No 594 & 89 Corresponding to IDCO Plot No A/32 corresponding to IDCO Plot No A/22, A/23, A/24 & A/25 in Mouza: Sarua and Jayamangala. Total 17.090 Ac/6.9160 Ha. The geographical co-ordinates of the project site are - NE Extent of KML is 20.208277 to 85.541276 and SW Extent of KML is 20.205084,85.538357 falls under Toposheet no. F45T7, F45T8, F45T11, F45T12. Nearest approach roads to the project site: SH 1/NH57 -0.65 km, NH 16 - 9.25km, Atri Road - 2.14km, NH14/SH13 - 11.03km and NH5 – 13.25 km. The nearest Railway Station is Khordha railway station-7.64km, Begunia railway station - 11.31km away from the project site. Nearest Airport is Biju Patnaik International Airport is at 29.01 km (S) from project site. Nearest town is Khordha Town is at 8.92 km. Nearest habitations are Jayamangala at 0.45 and Sarua at 0.71km. No National Parks, Wildlife Sanctuaries, Biosphere Reserves within 10 Km radius of the proposed site. Nearest forest are - Chandaka Dampada Sanctuary (8 Km NNE), Barunei RF (10.18 km, ESE), Tarakai RF (10.53 km, NE), Jayamangala RF (1.96km, NNE), Tartua protected forest(4.40km ENE), Jariput protected forest (7.25 km SSE). Nearest Water Body are Chatra Nala (3.03km WSW), Narasingh Nala (0.77Km SSW), Rana River (5.33 km ENE). The area falls on under Sismic zone III.

6. List of Statutory clearances obtained earlier

Year	NEW LAXMI INDUSTRIES PVT LTD	
2017	CTO (30/12/2016)-File No 5296/RO-CON-882 valid till 31/03/2017	Details of Product Manufactured
		Steel structure -50TPD Galvanized Steel Structure-40TPD Emission permitted through Stack MS stack attached to galvanization chamber -30m above ground level
2023	CTO	Valid From - 01/04/2023-31/03/2025
	CTO	Valid from-01/04/2023-31/03/2025
	CTE (4/02/2023)- File no-251/RO-BBSR/NOC-1351	Production of Slag Touched Metals By processing Iron (Ferro) Slag at quantity of 700 MT/Month
	CTO (24/04/2023) -File no-1396/RO-BBSR/882 valid upto- 31/03/2025	Details of Products Manufactured
		Iron Ingot/Billet -29000MT/Annum
		Production of Slag Touched metals -7000MT/Annum
		Galvanized Steel Structure -29000MT/Annum
		Discharge Permitted -
	Outlet of ETP of Galvanizing Plant -200KLD	
	Emission permitted through Stack	
	Stack attached to 8TPH Induction Furnace- 30m above ground	
	Oil Fired Furnace at to Zinc Melting Vessel -11m	
	Stack attached to wet scrubber of galvanizing Unit - 11m	
	DG set	
Year	NEW LAXMI Steel & Power (P) LTD	
2008	CTE(2535) date-4/10/2008	For production of 2975MT/Month of MS Rod
2010	CTO(655/RO/CON/408) date - 28/06/10 valid up to - 31/03/2015	MS Rod - 2475MT/Month
		Emission Permitted through the Stack M S Stack Attached to IF - 30mtr Above Ground Level Attached to RHF -30mtr Above Ground Level
	CTE (452/RO/CON/408) DATE-10/05/10	Production of MS Rod of 2450MT/Month At Sarua Industrial Estate

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2023	CTO (28/04/2021) -File no - 2584/RO-CON-408 valid up to 31/03/2024	Details of Products Manufactured M.S. Rod -1,44,000MT/Annum Iron Ingot Billet -29,700MT/Annum
	CTO period from (01/04/2021-31/03/2024)	To make new discharge of Sewage/trade Effluent from land premises owned

7. The Landuse breakup:

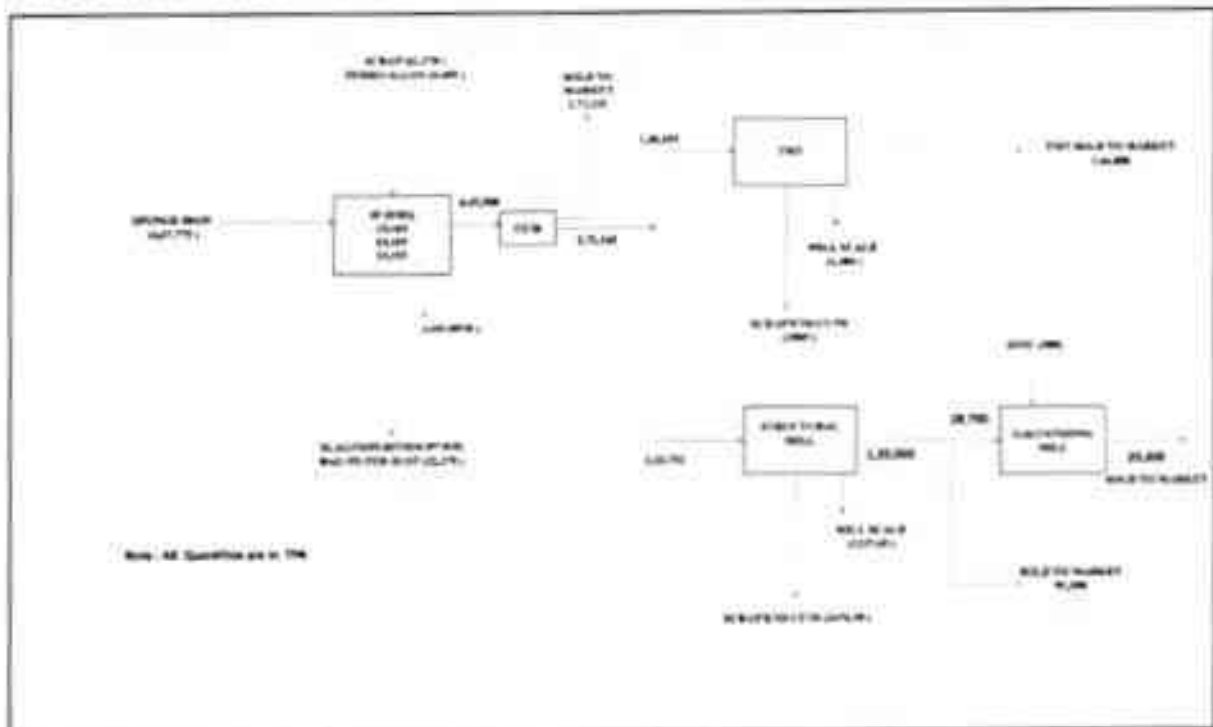
Sl. No.	Description	Area in Acres	%
1	Rolling Mill	1.751	10.294
2	Induction Furnace	1.679	9.671
3	Storage Shed	0.573	5.132
4	Structural Shed	1.042	8.242
5	Galvanized Shed	0.880	5.173
6	Office & Scale Room	0.074	0.435
7	Security Room	0.009	0.052
8	Crusher Shed	0.516	3.033
9	Labour Room	0.038	0.223
10	Parking Place	0.075	0.440
11	ETP	0.014	0.082
12	Other Facilities	1.023	6.014
13	Truck parking	0.428	2.516
14	Solid Waste	0.229	1.346
15	Surface Runoff	0.162	0.952
16	Ladle Refining Furnace	0.046	0.270
17	Raw Material Storage	0.422	2.481
18	Green Belt	5.662	33.268
19	Internal Road	1.726	10.147
TOTAL AREA		17.009	100

8. The Plant Configuration as follows:

UNITS	Existing		Proposed For EC		Total For EC
	M/s. New laxmi steel & power Pvt. Ltd.	M/s. New laxmi industries Pvt. Ltd.	M/s. New laxmi steel & power Pvt. Ltd.		M/s. New laxmi steel & power Pvt. Ltd.
Induction furnace	2 X 8T (1 Working + 1 Standby) (29700 TPA)	1 X 10T (29000 TPA)	2 X 8T to be replaced with 2x25T (1,65,000 TPA)	3 x 25 T (2,47,500 TPA)	2 x 25T + 1 x 10 T + 3 x 25 T 4,45,500 TPA
Rolling mill	1x144000 TPA	-	-	-	1x144000 TPA
Structural mill	-	1 x 120000TPA	-	-	120000 TPA
Galvanizing plant	-	29000 TPA	-	-	29000 TPA

Slag Touched Metal (Metal Recovery)	—	7000 TPA	—	—	7000 TPA
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9. INTEGRATED PROCESS FLOW CUM MATERIAL BALANCE



10. Details of Minerals

S. No	Raw Material	Quantity required per annum			Source	Aerial Distance from site (Kms)	Mode of Transportation
		Existing (TPA)	Expansion (TPA)	Total (TPA)			
1	Sponge Iron	61,635	38,185	4,43,520	Chhatia/Keonjhar	80/225 KM	Road
2	Pig iron/Scrap	8218	50,917	59,135	Jaipur	135 km	Road
3	Ferro Alloy	587	3637	4,224	Jaipur	135 km	Road
4	Zinc	300	-	300	Local market	100-500 km	Road

11. Summary of products generated by the project

UNITS	Existing		Proposed For EC		Total For EC
	M/s. New laxmi steel & power Pvt. Ltd.	M/s. New laxmi industries Pvt. Ltd.	M/s. New laxmi steel & power Pvt. Ltd.		M/s. New laxmi steel & power Pvt. Ltd.
Induction furnace	2 X 8T 29700MT/Annum	1 X 10T 29000MT/Annum	2 X 8T to 2x25T	3 x 25 T	2 x 25T + 1 x 10 T + 3 x 25 T 4,45,500 TPA
Galvanizing plant	-	29000 TPA	-	-	29000 TPA
Rolling mill	1x144000 TPA 144000 TPA	-	-	-	1x144000 TPA 144000 TPA



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Structural mill	-	1 x 120000 TPA 120000 TPA	-	-	120000 TPA
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12. Waste generated and management

S. No	Unit	Detail
1	Waste Water	ETP + STP and maintenance
2	Air	APCD (ESP, Bag Filter)
3	Hazardous Management	Proper collection, Safe Handling, Storage within premises and disposal of waste at approved TSDF, recyclers, etc as applicable

The Raw Material Handling Section would be provided with dust suppression (DS) by water sprinkling at the stockyard and multiple dust extraction (DE) systems for the dust generation points at the screen, conveyor transfer point, and gas sealing devices to arrest the dust emissions to the atmosphere. The DE system shall consist of bag filter units complete with ducts, extraction fans, and a stack of appropriate height.

The exhausted gases sucked through the Pellet plant will be cleaned in an ESP. The dust collected will be discharged into a water-sealed chamber and sent to the primary mixing unit for recirculation. Waste gases will be discharged into the atmosphere through a chimney.

13. Baseline study has been conducted for Time period - 1st Oct 2023 to 31st Dec 2023 (Winter Season) for Air, water, soil, noise quality monitoring.

14. Water requirement: The total water required is 903 KLD (Makeup).

15. Existing water requirement is 269 KLD (water requirement is obtained from ground water (Existing water Ground water permission, vide NOC No. CGWA /NOC/IND/ ORIG/2021/12823 Application No. 21-4/2906/OR/IND/2021 Valid up to: 03/09/2024)

16. The Blow down water 163.41 KLD will be utilised in Ash quenching, sprinkling on road and plantation.

17. Proposed water requirement is 634KLD (as Ground water use will be phased out after availability of surface water at site), the source of water will be from ground water (NOC from CGWB has been obtained).

18. Existing Ground water use will be phased out after availability of surface water at site.

19. Rain Water Harvesting system - 112m³/day water will be available for rainwater Harvesting and it will be reused in process after treatment. So net Water Required will be :-903-112=791 KLD

20. Existing Break up of water requirement

Plant Facilities	Circulating Water m ³ /day	Makeup Water m ³ /day	Recirculation Water m ³ /day	Evaporation m ³ /day	Waste water generation m ³ /day
SMS 58700 TPA	9200	101	9,099	84	16.89
Galvanizing plant 29000 TPA	1	1	0	0.5	0.50
Structural 120000 TPA	6,600	73	6,527	61	12.12
Rolling 144000 TPA	8,000	88	7,912	73	14.69
Drinking & Sanitation	5.44	5.44	-	1.088	4.352

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TOTAL	23,806	269	23,538	220	49
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21. Proposed Break up of water requirement

Plant Facilities	Circulating Water m ³ /day	Makeup Water m ³ /day	Recirculation Water m ³ /day	Evaporation m ³ /day	Waste water generation m ³ /day
SMS 422400 TPA	66191	720	65,471	600	120
Galvanizing plant 29000 TPA	10	10	0	3	7
Rolling 120000 TPA	6,600	73	6,527	61	12.12
Rolling 144000 TPA	8,000	88	7,912	73	14.69
Drinking & Sanitation	12	12	-	2.4	9.6
TOTAL	80,813	903	79,910	739.4	163.41

22. **Power Requirement:** The total power requirement for plants is 47.12 MW. Existing power 10.49MW is obtained from TPCODL. Proposed Power Requirement is 36.63MW obtained from TPCODL. DG set of 750 KVA will be installed as stand by (Emergency use). Provision of Solar power, 2% of the total power consumption is 94KW.

S L	FACILITIES	CAPACITY			POWER CONSI	
		PRESENT	After modification of Existing	PROPOSED	Existin g	After modifica on of Existing
1	SMS	58700 TPA	198000TPA	247,500 TPA	5.56	18.75
2	Galvanizing plant	29000 TPA	29000 TPA		0.5	0.5
3	Rolling Mill	1 X 144000 TPA	1 X 144000 TPA		1.2	1.2
4	Structural Mill	120000 TPA	120000 TPA		3.0	3.0
5	Miscellaneous				0.2	0.2
TOTAL					10.49	23.68

23. **Rainwater harvesting details:** Total Volume of Runoff Available: 41037.97 m³/yr. = 41038 m³/yr. Harvesting Potential = 41,038 / 365 = 112 m³/day.

24. **Greenbelt:** Green Belt will be developed over an area of 33.288% of total plant area (5,662 acres). The green belt include plantation surrounding the Project boundary along the roads and around various facilities like shops and offices. 2500 number of trees per Hectare will be planted for the greenbelt development. So total no. of trees will be planted for greenbelt area = 2500 x 2.275 ha. = 5687.5 no. of tress. A three-tier plantation is proposed comprising of an outermost belt of taller trees which will act as a barrier. Local plant species will be preferred as per the CPCB guidelines in consultation with the Local Forest Department.

25. **Manpower Requirement:** Total about 295 persons are proposed to be hired for plant operations including officers, skilled and unskilled workers. Required manpower shall be sourced from local area. During Construction phase, the labours and workers will be hired from nearby villages.

Particulars	Existing	Proposed	Total
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Managerial	2	2	4
Supervisory	5	3	8
Skilled	10	10	20
Semiskilled	50	80	130
Unskilled	48	85	133
Total (Direct)	115	180	295

26. **Project cost:** The estimated Project cost is Rs 69.51 Crore (Existing: Rs. 39.51 Crore, Proposed: Rs. 30. Crore) Rs. 4.8 Crore (Existing: Rs 2.7 Crores, Proposed: Rs 2.1 Crores)

Sl. No.	Particulars	Existing (Rs. Crores)	Proposed (Rs. Crores)	Total (Rs. Crores)
1	Land	0.8	-	0.8
2	Building	8.18	7.5	15.68
3	Plant and Machinery	27.83	20.4	48.23
4	EMP Cost	2.7	2.1	4.8
5	Others	-	-	-
Total capital cost		39.51	30	69.51

S. No	Unit	Detail	Capital Cost (Rs. In Lakhs)	Operating Cost (Rs. In Lakhs)	Maintenance Cost (Rs. In Lakhs)	Total Recurring Cost (Rs. In Lakhs)
2	Air	APCD (Bag Filter, Water sprinklers)	158	8	6	14
3	Solid and Hazardous Waste Management	Collection, handling, storage and disposal to authorized parties	19	0.7	0.3	1
4	Fire & Safety	Fire Extinguishers, Fire hydrant system	53	1.3	0.7	2
5	Env. Monitoring	CAAMS, CEMS, Third Party monitoring	56	1.5	0.5	2
6	Green Belt Development	Plantation	34	1.5	0.5	2
7	Occupational Health	Medical Health check-up, PPE	17	0.8	0.2	1
8	CER	Solar Panel & Road Construction etc as required	82	4.2	0.8	5
9	Misc	Contingency Fund	7	1.8	0.2	2
Total			480	22.8	10.2	33

27. **Environment Consultant:** The Environment consultant **M/s Visiontek Consultancy Services Private Limited., Bhubaneswar** along with the proponent made a presentation on the proposal before the Committee.

Considering the information furnished and the presentation made by the consultant, **M/s Visiontek Consultancy Services Private Limited., Bhubaneswar** along with the project proponent, the SEAC recommended the following:

5. **The proponent may be asked to submit the following for further processing of TOR application:**

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Justification why EC was not required for both the existing projects and why the present case will not be treated as violation case.

- ii) Copies of CTE and CTO earlier obtained for both the existing units.
- iii) NOC/Permission copy from concerned DFO from Chandaka Damapara wildlife sanctuary that the project site does not fall under the eco sensitive zone of the sanctuary.
- iv) Supporting documents for merger of 2 units to a single unit.

D. The proposed site shall be visited by Sub-Committee of SEAC to verify the followings

- viii) Present status of the existing projects.
- ix) Construction activity if any started at the site and extent of construction activity for the proposed project.
- x) Road connectivity to the project site.
- xi) Drainage network at the site.
- xii) Discharge point for discharge of treated water and distance of the discharge point from the project site.
- xiii) Any other issues including local issues.

Whether SEAC recommended the proposal – The Proposal was placed in SEAC meeting held on 28.02.2024 and the **rejected the proposal** with opined that the PP have requested to delist the proposal vide E mail as they have submitted revised proposal for Terms of Reference (TOR). The Committee recommended delist the proposal.

Decision of Authority: Rejected

After detailed deliberation in the matter, the authority accepted the recommendation of SEAC and rejected the TOR proposal as the PP have requested to delist the proposal vide e- mail as they have submitted revised proposal for Terms of Reference (TOR).

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA



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PARIVESH 1.0, AGENDA No.162.30	
Proposal No.	SIA/OR/MIN/ 300663/2023
Date of application	10.11.2023
File no.	241913/94-MINB2/12-21
Project Type	Proposal for Amendment of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Neunti River Sand Bed over an area of 12.25 acres or 4.957 hectares in village Neunti under Rairangpur Tahasil in Mayurbhanj District, Odisha.
Name of the company/Organization	Sri Tapas Kumar Das
Location of Project	village Neunti under Rairangpur Tahasil in Mayurbhanj District, Odisha

1. Proposal in brief:

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

- (i) This is a proposal for amendment of EC of Neunti River Sand Bed over an area of 12.25 acres or 4.957 hectares in village Neunti under Rairangpur Tahasil in Mayurbhanj District, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC Identification No. – EC22B001OR133824 dated 01.02.2022 & EC transfer vide letter no. 4512/SEIAA dt. 11.05.2022 for Neunti River Sand Bed over an area of 12.25 acres or 4.957 hectares in village Neunti under Rairangpur Tahasil in Mayurbhanj District, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 32036 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-30000 cum.
- (iv) The SEIAA allowed 6000 cum of sand for 1st year production with depth of mining 0.6 meter.
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2022, if satisfactory replenishment study report is not submitted."
- (vi) The PP has extracted 1050 cum/annum of sand has been extracted from the source in 1st year lease period i.e. upto 31.12.2022.
- (vii) The ARRS study done by GEOIMAGE SYSTEMS (P) LTD, (ORSAC Empanelment Agencies) with mentioned that Pre-monsoon Volume = 19645.82 cum Post-Monsoon volume = 16842.8 cum and quantity of sand replenished **2897 cum** and proposed production for next year is **2897 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents-**Nil**

2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 06th & 07th March 2024 and the SEAC observed the following reasons:

- (i) The RS is neither countersigned by Tahasildar nor by competent officer of Mining Department.
- (ii) In the conclusion of RS report, the proposal for 2897.00 cum sand mining is based on mineable area @ 60% of total lease area, where as the common safe workable area has been shown in RS report as 13413.37sqm which is 27.05 % of total area. SEAC recommends sand mining of **1307.00 cum** basing on replenished.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific condition:




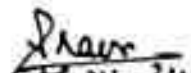
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- Maximum quantity of extraction of sand shall be limited to **1307 cum per year** for the rest of the lease period i.e. for the 2nd, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till validity of DSR or validity of lease period whichever is earlier.
- The Project Proponent (lease holder) shall deposit Rs.2, 50,000/-, with the respective District Environment Society for raising 500 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- The PP will implement the EMP with a budgetary allocation as proposed in the EMP report during EC application.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


06.04.24
Chairman, SEIAA



PARIVESH I.O, AGENDA No.162.31	
Proposal No.	SIA/OR/MIN/ 3058884/2023
Date of application	08.12.2023
File no.	SEIAA-1760/07-2021
Project Type	Proposal for Amendment of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Kulashree Devi River Sand Quarry over an area of 11.40 acres or 4.613 hectares in village Kulashree under Niali Tahasil in Cuttack District, Odisha.
Name of the company/Organization	Sri Bidulata Senapati
Location of Project	village Kulashree under Niali Tahasil in Cuttack District, Odish

1. Proposal in brief:

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

- (i) This is a proposal for amendment of EC of Kulashree Devi River Sand Quarry over an area of 11.40 acres or 4.613 hectares in village Kulashree under Niali Tahasil in Cuttack District, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC Identification No.-3357/SEIAA dated 18.10.2021 & EC transfer vide letter no. 4495/SEIAA dt. 11.05.2022 for Kulashree Devi River Sand Quarry over an area of 11.40 acres or 4.613 hectares in village Kulashree under Niali Tahasil in Cuttack District, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 60300 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-15074 cum.
- (iv) The SEIAA allowed 9200 cum of sand for 1st year production with depth of mining 1.0 meter.
- (v) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after December 2022, if satisfactory replenishment study report is not submitted."
- (vi) The PP has not mentioned the quantity of sand extracted from the source
- (vii) The ARRS study done by MY WORLD CONSULTANCY SERVICES PVT. LTD (ORSAC Empanelment Agencies) with mentioned that Pre-monsoon RL = 20.088 Post-Monsoon RL = 20.931 and quantity of sand replenished **4200 cum** and proposed production for next year is **4982 cum**.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 06th & 07th March 2024 and the SEAC recommended the following:

- (i) The defects noticed and communicated as ADS have been clarified by PP. Basing on the clarifications received, SEAC recommended the proposal for sand mining of **4200.66 cum** for current mining season.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific condition:

- Maximum quantity of extraction of sand shall be limited to **4200 cum per year** for the rest of the lease period i.e. for the 2nd, 3rd year, 4th year and 5th year. The PP is required to carry out the

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Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.

The EC is valid till validity of DSR or validity of lease period whichever is earlier.

- The Project Proponent (lease holder) shall deposit Rs.2, 50,000/-, with the respective District Environment Society for raising 500 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- The PP will implement the EMP with a budgetary allocation as proposed in the EMP report during EC application.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


06.04.24
Chairman, SEIAA



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PARIVESH 1.0, AGENDA No.162.32

Proposal No.	SIA/OR/MIN/ 306651/2023
Date of application	30.11.2023
File no.	SEIAA/617
Project Type	Proposal for Amendment of EC
Category	B1
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Kathajodi River Sand Quarry over an area of 15.00 acres or 6.07 hectares in village Mundamuhan under Barang Tahasil in Cuttack District, Odisha.
Name of the company/Organization	Smt. Sukanmti Sahoo
Location of Project	village Mundamuhan under Barang Tahasil in Cuttack District, Odisha

I. 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 amendment of EC of Kathajodi River Sand Quarry over an area of 15.00 acres or 6.07 hectares in village Mundamuhan under Barang Tahasil in Cuttack District, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC Identification No.-617/SEIAA dated 30.01.2016 & EC transfer vide letter no. 393/SEIAA dt. 05.02.2021 for Kathajodi River Sand Quarry over an area of 15.00 acres or 6.07 hectares in village Mundamuhan under Barang Tahasil in Cuttack District, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 172902 cum with depth of sand deposition was 2.5 meter and proposed for annual extraction-172902 cum.
- (iv) The SEIAA allowed 172902 cum/annum of as per approved mining plan.
- (v) The PP has mentioned the quantity of sand extracted from the source is **150000 cum in 1st year, 105000 cum in 2nd year and 21000 cum till 22.06.2023.**
- (vi) The ARRS study done by MY WORLD CONSULTANCY SERVICES PVT. LTD (ORSAC Empanelment Agencies) with mentioned that Pre-monsoon RL = 24.405 Post-Monsoon RL = 26.819 and quantity of sand replenished **103441 cum** and proposed production for next year is **103442 cum.**
- (vii) Any deficiencies/omission have been noticed in the above documents- Nil

Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 06th & 07th March 2024 and The SEAC recommended the following:

- (i) The mining officer has apologized for the mistake in reply to ADS and has now recommend 1,03,442 CuM of sand as production quantity basing on replenishment study. SEAC recommended for grant of EC for **1,03,442 CuM** of sand for mining during current season.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific condition:

- Maximum quantity of extraction of sand shall be limited to **103442 cum per year** for the rest of the lease period i.e. for the 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till validity of DSR or validity of lease period whichever is earlier.

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- The Project Proponent (lease holder) shall deposit Rs.3, 00,000/-, with the respective District Environment Society for raising 600 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 as proposed in the EMP report during EC application.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


08.04.24
Chairman, SEIAA



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PARIVESH I.O, AGENDA No.162.33	
Proposal No.	SIA/OR/MIN/ 302314/2023
Date of application	07.02.2024
File no.	SEIAA-755/10-2020
Project Type	Proposal for Amendment of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Balipal Sand Bed over an area of 12.30 acres or 4.97 hectares in village Balipal under Nilgiri Tahasil in Balasore District, Odisha.
Name of the company/Organization	Sri Hara Prasad Senapati
Location of Project	village Balipal under Nilgiri Tahasil in Balasore District, Odisha

1. Proposal in brief:

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

- (i) This is a proposal for amendment of EC of Balipal Sand Bed over an area of 12.30 acres or 4.97 hectares in village Balipal under Nilgiri Tahasil in Balasore District, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC Identification No.-10194/SEIAA dated 17.12.2020 & EC transfer vide letter no. 3834/SEIAA dt. 13.01.2022 for Balipal Sand Bed over an area of 12.30 acres or 4.97 hectares in village Balipal under Nilgiri Tahasil in Balasore District, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 33051 cum with depth of sand deposition was 1.2 meter and proposed for annual extraction-18000 cum.
- (iv) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after December 2022, if satisfactory replenishment study report is not submitted."
- (v) The PP has mentioned that the quarry is not in operation after obtaining EC from SEIAA, Odisha. Hence, the **PP proposed for extension the validity for submission of ARRS report.**
- (vi) The ARRS study done by GEOIMAGE SYSTEMS (P) LTD, (ORSAC Empanelment Agencies) with mentioned that since, the lease area was water logged during visit, no pre-monsoon survey has been processed and post-monsoon survey was carried out on 03.12.2022 and accordingly, sand available after post-monsoon is 2516 cum and proposed production is 18000 cum.
- (vii) Any deficiencies/omission have been noticed in the above documents-The PP has not submitted the KML file of the lease area.

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 26th & 27th February 2024 and The SEAC observed the following:

- (i) Pre monsoon study was not conducted due to water logging. But only post monsoon study was conducted, which is not valid due to absence of data/study of pre monsoon. Hence in absence of complete data, the replenishment study report is rejected.

Decision of Authority: Rejected

After detailed deliberation in the matter, the authority accepted the recommendation of SEAC and rejected the amendment in EC proposal as the ARRS study report was rejected by SEAC in the absence of complete data due to the following reasons.



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- (i) Pre monsoon study was not conducted due to water logging. But only post monsoon study was conducted, which is not valid due to absence of data/study of pre monsoon.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


06.04.24
Chairman, SEIAA



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PARIVESH 1.0, AGENDA No.162.34	
Proposal No.	SIA/OR/MIN/ 307867/2023
Date of application	24.01.2024
File no.	63826/258-MINBI/07-2022
Project Type	Proposal for Amendment of EC
Category	B1
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Jalameripalli Sand Quarry over an area of 21.937 acres or 8.8777 hectares in village Jalameripalli under Digapahandi Tahasil in Ganjam District, Odisha.
Name of the company/Organization	Smt. Laxmi Sethi
Location of Project	village Jalameripalli under Digapahandi Tahasil in Ganjam District, Odisha

1. Proposal in brief:

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

- (i) This is a proposal for amendment of EC of Jalameripalli Sand Quarry over an area of 21.937 acres or 8.8777 hectares in village Jalameripalli under Digapahandi Tahasil in Ganjam District, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC Identification No.-10194/SEIAA dated 17.12.2020 & EC transfer vide letter no. 3834/SEIAA dt. 13.01.2022 for Jalameripalli Sand Quarry over an area of 21.937 acres or 8.8777 hectares in village Jalameripalli under Digapahandi Tahasil in Ganjam District, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 54820 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-5000 cum.
- (iv) The SEIAA allowed 5000 cum of sand for the 1st year
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2023, if satisfactory replenishment study report is not submitted."
- (vi) The PP has mentioned that 5000 cum of sand has been extracted from the source for the 1st year i.e. 2022.
- (vii) The ARRS study done by Geocon Surveys Pvt. Ltd, (ORSAC Empanelment Agencies) with mentioned that the Pre-Monsoon Standard Elevation = 77.02616432101, Post-Monsoon Standard Elevation = 77.92616432101 and quantity of sand replenished is 49338 cum and proposed production is 5000 cum.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 26th & 27th February 2024 and the SEAC observed that the replenishment study report doesn't contain the data for pre monsoon volume of sand and post monsoon volume of sand for calculation of replenished volume of sand. Hence, in absence of complete data, the replenishment study report is rejected.

Decision of Authority: Approved



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The Authority accepted the SEAC recommendation to reject the ARRS report as it is not done based on the MoEF & CC guidelines. In absence of ARRS report, the Authority **allowed EC** for extraction of **1250 cum of sand in the 2nd year** on adhoc manner with the following additional specific conditions.

- The PP is required to submit ARRS report through NABET Consultant or ORSAC empanelled agency by **31st March 2025**.
- The Project Proponent (lease holder) shall deposit Rs.4, 50,000/-, with the respective District Environment Society for raising 900 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 as proposed in the EMP report during EC application.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


06.04.24
Chairman, SEIAA



PARIVESH 1.0, AGENDA No.162.35

Proposal No.	SIA/OR/MIN/ 306679/2023
Date of application	01.02.2024
File no.	SEIAA-46/02-2020
Project Type	Proposal for Amendment of EC
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Mandua Sand Quarry over an area of 12.355 acres or 5.0 hectares in village Mandua under Chhendipada Tahasil in Angul District, Odisha.
Name of the company/Organization	Sri Ajit Sahoo
Location of Project	village Jalameripalli under Digapahandi Tahasil in Ganjam District, Odisha

1. Proposal in brief:

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

- (i) This is a proposal for amendment of EC of Jalameripalli Sand Quarry over an area of 21.937 acres or 8.8777 hectares in village Jalameripalli under Digapahandi Tahasil in Ganjam District, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC Identification No.-8466/SEIAA dated 25.06.2020 & EC transfer vide letter no. 3834/SEIAA dt. 13.01.2022 for Jalameripalli Sand Quarry over an area of 21.937 acres or 8.8777 hectares in village Jalameripalli under Digapahandi Tahasil in Ganjam District, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 43365 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-10000 cum.
- (iv) The SEIAA allowed 10000 cum of sand for the 1st year
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2023, if satisfactory replenishment study report is not submitted."
- (vi) The PP has mentioned that 10000 cum of sand has been extracted from the source for the 1st year
- (vii) The ARRS study done by Manas Ranjan Mohanta, RQP and (ORSAC Empanelment Agencies) with mentioned that the Mineable Reserve during Pre-monsoon survey- 2023 = 53008Cum, Mineable Reserve during Post-monsoon survey-2023 = 62240Cum and quantity of sand replenished is 9232 cum and proposed production is 10000 cum.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 26th & 27th February 2024 and the SEAC decided to recommend the proposal for **9232 cum** of sand as per replenishment study subjected to approval of modified mining plan.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific condition:

- Maximum quantity of extraction of sand shall be limited to **9232 cum per year** for the rest of the lease period i.e. for the 2nd, 3rd year, 4th year and 5th year. The PP is required to carry out the

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Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.

- The EC is valid till validity of DSR or validity of lease period whichever is earlier.
- The Project Proponent (lease holder) shall deposit Rs.2, 50,000/-, with the respective District Environment Society for raising 500 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- The PP will implement the EMP with a budgetary allocation as proposed in the EMP report during EC application.

APPROVED BY

Member Secretary, SEIAA

Member, SEIAA

Chairman, SEIAA



PARIVESH I.0, AGENDA No.162.36	
Proposal No.	SIA/OR/MIN/298744/2023
Date of application	18.03.2023
File no.	SEIAA-1162/01-2021
Project Type	Proposal for Amendment of EC
Category	B2
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Mahadevdeuli-I Sand Quarry over an area of 4.997hectares (12.35 Ac) in Village Mahadevdeuli of Karanjia Tahasil in Mayurbhanj District, Odisha
Name of the company/Organization	Sri Wasim Bari
Location of Project	Village Mahadevdeuli of Karanjia Tahasil in Mayurbhanj District, Odisha

1. Proposal in brief:

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

- (i) This is a proposal for amendment of EC of Mahadevdeuli-I Sand Quarry over an area of 4.997hectares (12.35 Ac) in Village Mahadevdeuli of Karanjia Tahasil in Mayurbhanj District, Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC Identification No.-2388/SEIAA dated 31.08.2021 & EC transfer vide letter no. 3894/SEIAA dt. 28.01.2022 for Mahadevdeuli-I Sand Quarry over an area of 4.997hectares (12.35 Ac) in Village Mahadevdeuli of Karanjia Tahasil in Mayurbhanj District, Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 32848 cum with depth of sand deposition was 0.8 meter and proposed for annual extraction-10000 cum.
- (iv) The SEIAA allowed 5000 cum of sand for the 1st year
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after December 2022, if satisfactory replenishment study report is not submitted."
- (vi) The PP has mentioned that 300 cum of sand has been extracted from the source for the 1st year
- (vii) The ARRS study done by ORSAC Empanelment Agencies along with Sri Pabitra Kumar Swain, RQP and mentioned that during Pre-monsoon survey sand available = 2786 Cum, Post-monsoon survey sand available-3255 cum and quantity of sand replenished is 337.8 cum and proposed production is 3255.2 cum.
- (viii) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 06th & 07th March 2024 and The SEAC decided to reject the proposal for following reasons:
The replenishment study calculation in reply to ADS is not acceptable. SEIAA may take appropriate action as per rules.

Decision of Authority: Rejected

After detailed deliberation in the matter, the authority accepted the recommendation of SEAC and rejected the amendment in EC proposal as the ARRS study report was rejected by SEAC.



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APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA



PARIVESH I.0, AGENDA No.162.37

Proposal No.	SIA/OR/MIN/307888/2023
Date of application	30.01.2024
File no.	SEIAA-34/01-2020
Project Type	Proposal for Amendment of EC
Category	B2
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Dhobagudi Sand Bed over an area 7.26Ac. or 2.938Hac. in Dhobagudi village under Muniguda tahasil of Rayagada district Odisha
Name of the company/Organization	Sri Akhya Kumar Rana
Location of Project	Dhobagudi village under Muniguda tahasil of Rayagada district Odisha

1. Proposal in brief:

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


- (i) This is a proposal for amendment of EC of Dhobagudi Sand Bed over an area 7.26Ac. or 2.938Hac. in Dhobagudi village under Muniguda tahasil of Rayagada district Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC Identification No.-8250/SEIAA dated 30.05.2020 for Dhobagudi Sand Bed over an area 7.26Ac. or 2.938Hac. in Dhobagudi village under Muniguda tahasil of Rayagada district Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 11520 cum with depth of sand deposition was 1.0 meter and proposed for annual extraction-3900 cum.
- (iv) The SEIAA allowed 3900 cum of sand for the 1st year
- (v) The PP has not mentioned the quantity of sand extracted from the source.
- (vi) The ARRS study done by ORSAC Empanelment Agencies along with Manas Ranjan Mohant, RQP and mentioned that during Pre-monsoon survey sand available = 6750 Cum, Post-monsoon survey sand available-8653 cum and quantity of sand replenished is 1903 cum and proposed production is 3900 cum.
- (vii) Any deficiencies/omission have been noticed in the above documents-Nil

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 26th & 27th February 2024 and the SEAC decided to recommend the proposal for **1903 cum** of sand as per replenishment study subjected to approval of modified mining plan.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific condition:


- Maximum quantity of extraction of sand shall be limited to **1903 cum per year** for the rest of the lease period i.e. for the 2nd, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till validity of DSR or validity of lease period whichever is earlier.
- 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.




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The PP will implement the EMP with a budgetary allocation as proposed in the EMP report during EC application.

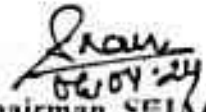
APPROVED BY



Member Secretary, SEIAA



Member, SEIAA



Chairman, SEIAA
06.04.24



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AGENDA NO.162.38	
Proposal No.	SLA/OR/MIN/296522/2023
Date of application	24.02.2023
File no.	SEIAA-1536/03-2021
Project Type	Proposal for Amendment of EC
Category	B2
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Shirsa Rugudisahi Sand Bed over an area of 12.35 acres or 5.00 hectares in village Shirsa under Saraskana Tahasil in Mayurbhanj District, Odisha.
Name of the company/Organization	Sri Jayprakash Khandelwal, S/o-Narayanlal Khandelwal, At-Purunahatasahi, Ward No.-6, PO/PS-Baripada, District-Mayurbhanj
Location of Project	Odisha.
ToR Date	N/A
Name of the Consultant	N/A

1. Proposal in brief:

- (ii) 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.
- (iii) This is a proposal for amendment of EC of Shirsa Rugudisahi Sand Bed over an area of 12.35 acres or 5.00 hectares in village Shirsa under Saraskana Tahasil in Mayurbhanj District, Odisha.
- (iv) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. 2599/SEIAA dated 04.09.2021 and Transfer of EC was issued vide letter no. 3691/SEIAA dated 27.12.2021 for Shirsa Rugudisahi Sand Bed over an area of 12.35 acres or 5.00 hectares in village Shirsa under Saraskana Tahasil in Mayurbhanj District, Odisha.
- (v) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 50556 cum with depth of sand deposition was 1.2 meter and proposed for annual extraction-50500 cum.
- (vi) The SEIAA allowed 6000 cum of sand for 1st year production.
- (vii) There is an EC conditions point no. 9.1 to 9.2 in page no. 03 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after 15th October 2022, if satisfactory replenishment study report is not submitted."
- (viii) The PP has mentioned the quantity of sand extracted for the 1st year period **7250 cum**
- (ix) Now, the PP has requested for amendment of EC for 2nd year production 40000 cum/annum.
- (x) The replenishment study was done by the ORSAC empanel agency Sri Amresh Samataray with mentioned that the pre-monsoon reserve is **89865.22 cum** after post-monsoon mineral reserve is **91568.81 cum** and quantity of sand replenished is **1703.52 cum**
- (xi) Any deficiencies/omission have been noticed in the above documents- Nil

2. **Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 27.03.2023 after detailed discussion, the SEAC decided to recommend the extraction of

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sand equal to replenished volume as per study i.e. 1703.59 cum/year subject to outcome of further replenishment studies.

3. The proposal was placed in 114th SEIAA meeting held on 21.04.2023 and after detailed deliberation, the Authority observed that the replenishment study shows negative replenishment or meagre replenishment of sand. In the past few such reports have been referred to ORSAC for their opinion. Pending receipt of comments/ opinion from ORSAC, the present proposal is **deferred**.
4. Then proposal was placed in 120th SEIAA meeting held on 24.05.2023 and after detailed deliberation the authority decided that the matter was discussed with ORSAC on 04.05.2023 and it was suggested that the volume of sand replenished should be computed by calculating the replenishment quantity per hectare of workable area and then arrived at the total replenishment quantity in the mineable area proportionately. The PP is required to revised the calculation method and submit the final replenished quantity as per ARRS study for further consideration.
5. Now, the PP submitted the ADS reply on 06.11.2023 with mentioned that quantity of sand replenished 1340.14 cum and proposed production is 1340.14 cum.
6. The proposal was placed in 146th SEIAA, Odisha meeting held on 11.12.2023 and the The authority perused the revised ARRS report submitted by the PP and decided that a joint verification be carried out by the Department of Mining, Geology and Revenue with respect to permissible quantity as per ARSS for sustainable sand mining. Accordingly, the revised ARRS report forwarded to SEAC for reconsideration.

The SEAC has gone through the revised replenishment study report and have following details in the report:


- i) Pre and post monsoon surveys have been carried out in June (08.06.2022) and November (20.11.2022) months respectively in the year 2022.
- ii) Photogrammetry drone survey method has been used to arrive at the difference in elevations of the riverbed sand during the survey periods using Digital elevation model / Surface terrain model.
- iii) The replenished volume of sand has been reported to be 1340.14cum.

The SEAC decided to recommend the proposal for **1340.14 cum sand** as per actual replenishment quantity.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific condition:

- Maximum quantity of extraction of sand shall be limited to **1340 cum per year** for the rest of the lease period i.e. for the 2nd, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till validity of DSR or validity of lease period whichever is earlier.
- The Project Proponent (lease holder) shall deposit Rs.2, 50,000/-, with the respective District Environment Society for raising 500 plants (minimum @100 trees per Ha) of native species within 2 years in a suitable location adjoining to quarry.
- The PP will implement the EMP with a budgetary allocation as proposed in the EMP report during EC application.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


01.04.24
Chairman, SEIAA



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PARIVESH I.O, AGENDA No.162.39

Proposal No.	SIA/OR/MIN/453764/2023
Date of application	02.01.2024
File no.	453764/1004-MINB2/01-2024
Project Type	New EC proposal
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for EC mining of sand from Deogaon-II Sand Bed over an area 12.35Ac or 5.00He in Brahmani nadi (Kha) Deogaon village under Bonai Tahasil, Dist-Sundargarh of Sri Sashi Jit.
Name of the company/Organization	Sri Sashi Jit
Location of Project	Deogaon village under Bonai Tahasil, Dist-Sundargarh
ToR Date	NA
Name of the Consultant	NA

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 sand from Deogaon-II Sand Bed over an area 12.35Ac or 5.00He in Brahmani nadi (Kha) Deogaon village under Bonai Tahasil, Dist- Sundargarh.
- (ii) The mining area is a part of Survey of India Toposheet No. F45M13 and is bounded between the Latitude - 21049'52.63"N to 21050'02.12"N & Longitude 84055'23.35"E to 84056'37.12"E.
- (iii) The mining lease is an identified sairat source in the DSR. The Deogaon-II Sand Bed sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Bonai to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (iv) Documents submitted: -Form-1, DLC, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (v) Whether submitted KML file of the lease area-Yes
- (vi) Whether submitted scrutiny fee-Yes of Rs. 2000/- vide e Challan Reference Id no. 35D0612C93 dt. 29.11.2023.
- (vii) Distance from nearest sanctuary/ESZ- Ushakothi WLS-65.0 Km
- (viii) Whether the lease area coming in DLC report-No N/A
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Manual
- (xi) River-Brahmani, Depth of sand Deposition-1.0 meter
- (xii) Distance from nearest road bridge-3.9 km, village road -0.40 km
- (xiii) Whether it is part of cluster -No.
- (xiv) Whether EC obtained earlier-No.
- (xv) Date of approval of mining plan- the Joint Director of Geology, Zonal Survey, Sambalpur vide letter no.1479 dt.27.10.2021.
- (xvi) Production capacity per annum-20000 cum/annum (max.), total production in 5 years period-100000 cum, Geological reserve-56094 cum and Mineable reserve-48885 cum.
- (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) The EMP budget provision of Rs. 2.50/- Lakh/annum

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

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 29th & 30th January 2024 and the SEAC decided to **reject the proposal** for following reasons:

- (i) The sand quarry is located at 170m from a under construction bridge over Brahmani river.
- (ii) The location is at scouring side of the river Bank (convex bank), not suitable as per guidelines.

Decision of Authority: Rejected

After detailed deliberation in the matter, the authority accepted the recommendation of SEAC and decided to reject the proposal due to the following reasons.

- (i) The sand quarry is located at 170m from a under construction bridge over Brahmani River.
- (ii) The location is at scouring side of the river Bank (convex bank), not suitable as per guidelines.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


66/04/24
Chairman, SEIAA



Minutes of 162nd Meeting of SEIAA, Odisha held on 03.04.2024 & 04.04.2024

PARIVESH 2.0, AGENDA No.162.40

Proposal No.	SIA/OR/MIN/462272/2024
Date of application	09.02.2024
File no.	462272/41-MIN/02-2024
Project Type	Proposal for Amendment of EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for Amendment of EC of Sidhua River Jaripada Sand Quarry Over An Area 25.00 Acres Or 10.11 Ha Village Jaripada Under Cuttack Sadar Tahasil Cuttack District Odisha
Name of the company/Organization	Sri Pranakrushna Nayak
Location of Project	Village Jaripada Under Cuttack Sadar Tahasil Cuttack District Odisha

1. Proposal in brief:

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

- (i) This is a proposal for amendment of EC of Sidhua River Jaripada Sand Quarry Over An Area 25.00 Acres Or 10.11 Ha Village Jaripada Under Cuttack Sadar Tahasil Cuttack District Odisha.
- (ii) The project proponent has obtained EC from SEIAA, Odisha vide EC letter no. EC Identification No. – EC2280010R189302 dt. 03.06.2022 for Sidhua River Jaripada Sand Quarry Over An Area 25.00 Acres Or 10.11 Ha Village Jaripada Under Cuttack Sadar Tahasil Cuttack District Odisha.
- (iii) During EC application the PP has submitted required documents along with mining plan where it is mentioned that mineable reserve of the proposed sand was 168018 cum with depth of sand deposition was 2.0 meter and proposed for annual extraction-140220 cum.
- (iv) The SEIAA allowed 20000 cum of sand for 1st year production with depth of mining 1.0 meter.
- (v) There is an EC conditions point no. 7.1 to 7.2 in page no. 04 that "Pending carrying out of the study & submission of the report, this clearance is being granted in an adhoc manner and is liable to be revoked after one year i.e. after November 2022, if satisfactory replenishment study report is not submitted."
- (vi) The PP has mentioned that 18880 cum sand has been extracted from the source for the period 2022-23.
- (vii) Amendment of EC proposal was placed in SEIAA meeting held on 30.12.2023 and after detailed deliberation the Authority rejected the proposal as per SEA recommendation. Now, the PP has requested for reconsider of the proposal
- (viii) The replenishment study was done by the RQP, Sri Bipin Bihari Khandual with mentioned that the Pre-Monsoon RL is 21.32 and Post-Monsoon RL is 21.63 and quantity of sand replenished is 25916 cum and proposed production is **15000 cum/annum**.
- (ix) Any deficiencies/omission have been noticed in the above documents- Nil

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 27.02.2024 and the SEAC decided to recommend the proposal as per the replenishment study report submitted. The replenished volume of sand is **25916cum** which is recommended for extraction for next year subjected to approval of revised approved mining plan as per the sustainable sand mining guidelines. However EC shall be granted only after ensuring the following.

- i) Certification from appropriate authorities such as Deputy Director, Geology or Tahasildar etc. stating that no river bed sand mining operation was done during the year FY2023 – 2024 as the PP has submitted riverbed sand replenishment study was carried out during FY-2022 – 2023 instead of FY-2023 – 2024.

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3. The proposal was put up in the 161st meeting of SEIAA and after detailed deliberation in the matter, the authority decided to seek clarification on the following:

Certification from appropriate authorities such as Deputy Director, Geology or Tahasildar etc. stating that no river bed sand mining operation was done during the year FY2023 – 2024 as the riverbed sand replenishment study was carried out during FY2022 – 2023 instead of FY2023 – 2024.

Decision of Authority: Approved

After detailed deliberation in the matter, the Authority decided to allow amendment of EC as per the SEAC recommendation with the following specific condition:

- Maximum quantity of extraction of sand shall be limited to **25916 cum per year** for the rest of the lease period i.e. for the 2nd, 3rd year, 4th year and 5th year. The PP is required to carry out the Annual rate of replenishment study (ARRS) through ORSAC empanel agency in subsequent year and submit the report to SEIAA, Odisha.
- The EC is valid till validity of DSR or validity of lease period whichever is earlier.
- 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 as proposed in the EMP report during EC application.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


08.04.24
Chairman, SEIAA



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PARIVESH I.O, AGENDA No.162.41	
Proposal No.	SIA/OR/MIN/404520/2022
Date of application	17.01.2023
File No.	404520/784-MINB1/01-2023
Project Type	EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of Minerals
Name of the Project	Proposal for EC for Baitarani Sand Bed Mine on Baitarani River over an area of 5.058 Ha/12.50 Acre in village Tampo, under Ghasipura Tahasil of Keonjhar District, Odisha.
Name of the company/Organization	Sri Hrushikesh Jena
Location of Project	village Tampo, under Ghasipura Tahasil of Keonjhar District, Odisha
ToR issue Date	28.02.2021
Name of Consultant	M/s. Kalyani Laboratories Pvt. Ltd. Bhubaneswar

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

1. This proposal is for environmental clearance of Baitarani sand bed mine on Baitarani River over an area of 5.058 ha./12.50 Acre in village Tampo, under Ghasipura Tahasil of Keonjhar District of Sri Hrushikesh Jena.
2. **Category:** As per EIA notification 2016 and subsequent amendment this proposal is coming under Category B of Schedule 1(a)-Mining of Minerals.
3. The quarry lease has been granted by the Tahasildar, Ghasipura vide letter no.676 on dated 17.03.2020 to the applicant (successful bidder) for excavation of minor mineral (River Sand) for five years.
4. The Tahasildar of Ghasipura Tahasil vide letter no. 5740 issued on dated 28.12.2020 while submitting relevant documents of EC application to SEIAA, Odisha further communicated that Sri Hrushikesh Jena of Jena Minerals Pvt. Ltd., Saroi, Haridaspur of Jajpur Dist. is the successful bidder of the said sairat source.
5. The mining plan has been approved by the Deputy Director of Geology, Cuttack, Odisha vide memo no. 676 on dated 17.03.2020.
6. **Terms of Reference (TOR) details:** Terms of Reference (TOR) was issued by Ministry of Environment, Forest and Climate change vide file no: 59407/55-MINB1/12-2020 on dated 28.02.2021.
7. **Public hearing Details:** The Public Hearing in respect of Environment Impact Assessment for Baitarani Sand Bed Mine of M/s Jena Minerals Pvt. Ltd. on river Baitarani over an area of 5.058 ha. in village Tampo under the Ghasipur Tahasil of Keonjhar District, Odisha was conducted on 12.05.2022 at 11.00 A.M at Village Tampo (Near Tampo Baitarani Bridge) (Khata No.218 (Rakhita), Plot No.556, Kissam-Gochara, Area-Ac.32.15) in Keonjhar District. Issues raised are local employment, dust pollution, water sprinkling arrangements, tarpaulin cover on sand loaded vehicles, plantations, increase of traffic management & road transportation. Total expenses to be incurred for public hearing action plan is 6.60 lakhs.
8. **Location and connectivity:** The proposed river bed sand mining will be carried out on Baitarani River located at village: Tampo, under Tahasil: Ghasipura, Dist:Keonjhar, Odisha & the lease area is 5.058 ha. or 12.50 acre bearing Khata No.-221, Plot No.705, 706, Kisam: Nadi. The project is located

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in survey of India toposheet no. E4504 & E4508 between latitude of 21° 07'52.44"N to 21° 08' 11.57"N and longitudes of 86° 10'56.05"E to 86° 11'21.81"E. The site is well connected to NH-215 & SH-53 at a distance of 6.9 Km & 7 Km. Nearest airport is Bhubaneswar airport at a distance of 105 Km from the mining lease area. Nearest Railway station is Korai Railway Station at a distance of 16 Km from the project site. The nearest road is Batto road located at a distance of 0.6 Km.

9. **Topography:** The Baitarani sand bed deposit represents a gently sloping to almost flat terrain with the highest elevation is 29.5mRL & lowest elevation is 27 mRL in sand. The lease area belongs to recent quaternary riverbed deposits consisting of sand, silt, clay, gravel and alluvial deposits. The sand in the lease area is a weathering product of the nearby metamorphic rocks and has been transported by 1st and 2nd order nala which ultimately gets deposited in the main nala/river bed during the rainy season.
10. **Drainage:** The drainage of the district is mainly controlled by rivers like Baitarani, Kangira, Ardei, Khairibandhan, Kanjhari, Sita, Kusei, Salandi etc. During rainy season, the river water carries sand which is formed due to disintegration of rock bodies along with other suspensions.
11. **Reserves:** Total geological reserves and mineable reserves is 50588 Cum and 29844 Cum respectively.
12. **Mining method and production details:** In the applied bed lease area, the sand will be extracted by manual mining method. Handpicks, Spade, hand shovel will be used by manual labourers for extracting & loading of sand. The sand will be loaded into tippers/tractors having capacity 4Cu.m/2.5 Cu.m for loading & dispatched as per requirement. The extraction of sand will be carried out up to the limit of maximum 1.5m depth or the water table whichever less is. The total excavated material is sellable as no waste will be generated from the mining process. There is no provision of dumping within the quarry. Only 20 trucks and tippers will be utilized for transportation of sand. At the proposed rate of annual production, total excavated sand would be maximum of 25545Cu.m during the proposed plan period. The project intend to excavate maximum sand of 5223 Cu.m per year and total 25545 Cu.m within 5 year plan period from the lease area. During plan period the mined-out land will be 2.578 ha. The safety zone to be maintained at 7.5 metre width all along the quarry which will be 0.401 ha. and water body, which will cover 2.079 ha.

Financial Year	Mineral s	Surface Area in (Sq. m)	Thickness of sand (m)	Volume of sand in (Cu. m)
1 st Year	Sand	3422	1.5	5133
2 nd Year		3430	1.5	5145
3 rd Year		3344	1.5	5016
4 th Year		3352	1.5	5028
5 th Year		3482	1.5	5223
Total				25545

13. **Water requirement:** For drinking & domestic purpose, water requirement will be 2 KLD while water requirement for green belt development and dust suppression will be 1 KLD. So total water requirement for this proposed project is 3KLD.
14. **Fuel requirement:** Tipper & Dumper will be used for transportation. The approximate quantity of the fuel/Diesel used per day is 100Lit/day.
15. **Baseline study:**

PERIOD	October to December 2020	Applicable Standards
	PM _{2.5} – 16.7 to 27.2 µg/cu.m	60 µg/cu.m



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AAQ PARAMETERS AT 7 LOCATIONS	PM ₁₀ – 17.1 to 41.7 µg/cu.m	100 µg/cu.m
	SO ₂ – 5.2 to 9.9 µg/cu.m	80 µg/cu.m
	Nox – 10.3 to 22.1 µg/cu.m	80 µg/cu.m
Ground water Quality at 6 Location	pH – 6.9 to 7.3	6.5 to 8.5
	Total Hardness – 52 – 192 mg/l	600 mg/l
	Chloride - 9.6 to 124.6 mg/l	250 mg/l
	Fluorides – 0.15 to 0.81 mg/l	1.5 mg/l
	TDS – 110 - 470 mg/l	1000 mg/l
	Heavy metals (Cd < 0.001, As < 0.001, Hg < 0.0005) mg/l	Heavy metals (Cd <0.003, As <0.01, Hg<0.001) mg/l
Surface water at 4 locations	pH – 7.1 to 7.8	
	Dissolved Oxygen – 5.5 to 6.0 mg/l	
	Biochemical Oxygen Demand – 2 to 5 mg/l	
	Chemical Oxygen demand – 12 to 25 mg/l	
Noise at 8 locations	Day (dBA Leq) 32.4 to 45.6	55
	Night (dBA Leq) - 25.6 to 35.6	45
Soil Quality at 3 locations	pH – 5.20 to 7.4, Potassium – 202.9 to 1828 Kg/ Ha, Phosphorous – 166 to 603 Kg/ Ha, Nitrogen – 188 – 276 Kg/Ha, Electrical Conductivity- 117 to 1050 ms/Cm	

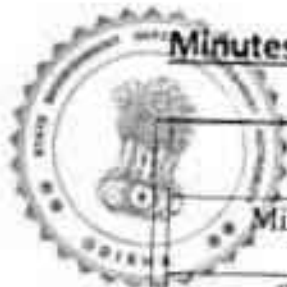
16. **Greenbelt:** There is proposal for plantation along the riverbank to protect the riverbank erosion in consultation with the forest department. Approximately 250 saplings is proposed to be planted during the 1st year of mining operation.
17. **Employment generation:** Due to the proposed sand mining, there will be generation of employment for 14 persons out of which, 04 skilled, 04 Semiskilled, 6 nos are unskilled.
18. **Project Cost:** Total cost of the proposed project is 10lakhs. The EMP cost proposed for the project will be 4.0 Lakh per annum.
19. **Environment Consultant:** The Environment consultant **M/s Kalyani Laboratories Pvt. Ltd. Bhubaneswar**, along with the proponent made a presentation on the proposal before the Committee on 14.02.2023.
20. 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
b)	NOC/permission from concerned authority for usage and maintenance of Panchayat Road.	NOC for using Panchayat Road duly endorsed by BDO of Ghasipura Block attached as Annexure – I .	Request letter to BDO, Ghasipura Block by PP

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	Precautionary measures to be taken for movement of vehicles in school area for safety of students.	Sand will be transported in early morning time to avoid traffic. The maximum speed of the sand transportation vehicle's is 10km/hr in school area. A mine worker is present with the driver of vehicle at the time of sand Transportation.	has been submitted.
c)	Distance from bridge and other sand mines.	As per certified cluster certificate issued by The Tahasildar of Ghasipura Tahasil of Keonjhar District there is no other mines located within the 500meter of the project area. (Annexure -II) As per certified distance certificate by Tahasildar the distance of the river bridge is 550 meter from the lease area. (Annexure -III)	-
d)	Conduct replenishment study in pre monsoon and post monsoon and submit the report	Necessary replenishment study report is attached as Annexure - IV .	Replenishment study Report submitted. Pre-monsoon data collected on 04.09.2022 and post monsoon on 29.04.2023. Replenishment of sand - 19706.4cum.

21. The SEAC in its meeting held on 11-07-2023 opined that pre-monsoon study during September is not acceptable and recommended that the proposal to be considered for grant of EC after the proponent submit fresh replenishment study as per guidelines.
22. The Project Proponent has submitted a Pre-Monsoon Replenishment Study Report conducted on dated 12-05-2023 as mentioned in report.
The Committee observed and recommended the following:
- The lessee indicated in the compliance furnished that they have conducted Pre-Monsoon Study on dated 04-09-2023. Post monsoon study of 29-04-2023 cannot be considered for undertaking mining. Hence, replenishment study report is rejected.
 - The Project Proponent has submitted a Pre-Monsoon Replenishment Study Report conducted on dated 12-05-2023 as mentioned in report.
 - The replenishment study report is prepared by My World Consultancy Private Ltd., Cuttack and the company is empanelled by ORSAC to carry out drone survey vide office order dated 16.10.2023. Pre-monsoon survey by drone / UAV using photogrammetry method has been carried out on 12th May 2023. Approximately 60% of the ML area was reported to be submerged in water at the time of survey.



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Parameters	Baitarani sand quarries	Remarks
Mining lease (ML.) area (Ha)	5.058	Surveyed area is significantly higher than ML. area.
Surveyed area (Ha)	21.6735	
Pre monsoon standard elevation RL. (m)	The reported readings are in the range 20.94 to 27.17	All RL reports are by digital elevation model (DEM) that is generated by using software.
Post monsoon average standard elevation RL. (m)	Post monsoon period survey not carried out. Survey done only for pre-monsoon period.	
Replenished level (m)	Not reported	
Number of points in ML. area reported for RL. measurement	59	
Minimum measurement error	(- 15 m + 15 m)	Error of measurements is high.
Maximum measurement error	(- 15 m + 15 m)	

In view of unsatisfactory revised replenishment report, this proposal is not accepted and it is recommended to return the proposal to SEIAA to take further action.

- Whether SEAC recommended the proposal** – The proposal was placed in the SEAC meeting held on 11.09.2023 and the SEAC rejected the proposal as the replenishment study is not done as per MoEF & CC Guideline and unsatisfactory.
- The proposal was placed in 143rd SEIAA meeting held on 23.11.2023 & 24.11.2023. The Authority perused in the matter and accepted the SEAC recommendation to reject the proposal as the replenishment study is not done as per MoEF & CC Guideline and unsatisfactory. The project proponent is required to submit fresh ARRS report through ORSAC empaneled agency for further consideration of the proposal.
- Now, the PP has submitted revised ARRS report on 01.02.2024 through Parivesh Portal without any covering letter.
- The Proposal was placed in 155th SEIAA meeting held on 09.02.2024 and after detailed deliberation on the matter, the authority decided to referred back the case to SEAC for reconsideration accordingly, the proposal forwarded to SEAC.
- Again, the proposal was placed in SEAC meeting held on 06th & 07th March 2024 and The SEAC has gone through the revised replenishment study report.

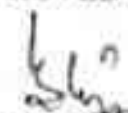
After detailed discussion, the SEAC decided to **reject the proposal** as the revised Replenishment Study Report was found not satisfactory.


Decision of Authority: Rejected

After detailed deliberation in the matter, the authority accepted the recommendation of SEAC and decided to reject the proposal as the revised replenishment study report was found not satisfactory.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


06.04.24
Chairman, SEIAA



Any other matter

Show cause Notice issued to M/s Falcon Real Estate Pvt. Ltd. on 19.10.2023 and 07.12.2023 with regards to the complaint petition received by SEIAA on dated 12.10.203 and 13.11.2023 respectively from Nirupama Rath and others. The PP has failed to reply the show case notice till date.

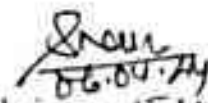
Decision of the Authority: The authority noted that show cause notice has been issued to M/s Falcon Real Estate Pvt. Ltd. on dated 19.10.2023 and 07.12.2023 to the complaint petition received by SEIAA on dated 12.10.203 and 13.11.2023 respectively from Nirupama Rath and others.

After detailed discussion in the matter, the authority decided that two-member committee from SEAC may undertake site visit and submit their report within a period of two months. The authority further observed that in spite of two show cause notices, the PP has failed to respond. Pending receipt of the report, the EC granted vide file no. F No. 21-69/2022-IA.III dated 31.10.2022 by the MoEF&CC, Govt. of India is kept in abeyance until further orders. The SPCB, may be intimated accordingly.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

A letter received from BDA, Bhubaneswar regarding clarification on requirement of environmental clearance for additional approved area involved in the project. EC has been granted to M/s Sapigen Biologix Pvt. Ltd. vide letter EC Identification No. EC22B021ORI49034 on dated 02.06.2022 under item no. 5(D) - Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) in the schedule of EIA Notification, 2006, specifying proposed built-up area as 25889.20 sqmtr. in the project. Now the PP wants to increase the built-up area to 30098 sqmtr. M/s Sapigen Biologix Pvt. Ltd is an industrial unit within the Odisha Biotech Park and EC has been accorded under construction of building category upto a maximum built up area of 148000 sqmtr.

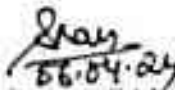
Decision of the Authority: The authority observed that M/s Sapigen Biologix Pvt. Ltd has obtained the land possession from Odisha Biotech Park of 8.86 Acres. The project is to come up in a Plot area 35,889.22 Sqmt or 8.86 acres over sub plot no. BI/24 & IIBI 1/7 with proposed built-up area of 25889.5 sqmt. The project is to setup a production facility with area 1.75 lakh Sqft for manufacture of multiple vaccines including Covid vaccines, malaria vaccines and Bio therapeutics with production capacity of 15-17 million doses per day. The manufacturing unit will include bulk production, bioprocess, formulation, fill finish. The Odisha Biotech Park is granted EC vide letter no. 8733/SEIAA dated 18.08.2020 for a built-up area of 148000 sqmtr.

In consideration of the above facts, the authority decided that prior EC shall be required in case the total built up area of M/s Odisha Biotech is more than 148000 sqmtr. or the production capacity of M/s Sapigen Biologix Pvt. Ltd. is more than 17 million doses per day for which EC is already granted. The Bhubaneswar Development Authority may verify information/clarification from Project Proponents and decide accordingly.


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


Chairman, SEIAA