



PARIVESH 1.0, AGENDA No.166.09

Proposal No.	SIA/OR/MIN/468840/2024
Date of application	09.04.2024
File no.	-
Project Type	New EC proposal
Category	B1
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for EC mining of stone from Uppalada Stone Quarry-VIII (Under Cluster Approach) Over an area of 5.90 Ha. or 14.578 Acre in Khata No.- 376, Plot No.- 1725 in Village/ Mouza- Uppalada, Tahasil- Paralakhemundi, District- Gajapati in favor of Smt. Gunna Komali.
Name of the company/Organization	Smt. Gunna Komali
Location of Project	Village/ Mouza- Uppalada, Tahasil- Paralakhemundi, District- Gajapati
ToR Date	02.09.2022
Name of the Consultant	M/s. Right Source Industrial 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.

- (i) This is a proposal for mining of stone from Uppalada Stone Quarry-VIII (Under Cluster Approach) Over an area of 5.90 Ha. or 14.578 Acre in Khata No.- 376, Plot No.- 1725 in Village/ Mouza- Uppalada, Tahasil- Paralakhemundi, District- Gajapati in favor of Smt. Gunna Komali.
- (ii) The mining area is a part of Survey of India Toposheet No. F45H1 and is bounded between the Latitude - 18° 49' 15.04" N to 18° 49' 20.80" N & Longitude 84° 10' 07.49" E to 84° 10' 17.05E.
- (iii) The mining lease is an identified sairat source in the DSR. The Uppalada Stone Quarry-VIII sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Paralakhemundi to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (iv) Documents submitted: -Form-I, PFR, DLC, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (v) Whether submitted KML file of the lease area-Yes
- (vi) Whether submitted scrutiny fee-Yes of Rs. 1000/- vide e Challan Reference Id no. 312742C2C5 dt. 12.11.2021.
- (vii) Distance from nearest sanctuary/ESZ- Lakshmi valley WLS-68.0 Km
- (viii) Whether the lease area coming in DL.C report-No as certified by DFO, Paralakhemundi vide letter no. 5175 dt. 21.09.2023
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Semi-mechanized
- (xi) Distance from nearest road bridge-0.50 km, village road -0.80 km
- (xii) Whether it is part of cluster –Yes,
- (xiii) Whether EC obtained earlier-No.
- (xiv) Date of approval of mining plan- the Deputy Director of Geology, South Zone, Berhampur vide letter no.... dt.06.10.2020.
- (xv) Production capacity per annum-2160 cum/annum (max.), total production in 5 years period-10800 cum, Geological reserve-1872789 cum and Mineable reserve-1265596 cum.

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- (xxv) 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
(xxvi) The EMP budget provision of Rs. 3,48,000/- capital cost and Rs. 1,90,000/- recurring cost.
(xvii) Any deficiencies/omission have been noticed in the above documents- Nil.
2. Whether SEAC recommended the proposal -Yes, the proposal was placed in the SEAC meeting held on 28.12.2023 and the SEAC approved the EIA/EMP report in cluster approach and recommended the following:
- The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Uppalada Stone Quarry - I, IV, VIII, IX (under cluster approach of Uppalada Stone Quarry - I, II, III, IV, V, VIII, IX) without referring to SEAC with specific conditions as per Annexure – D after receipt of individual applications from the lessee in cluster along with following documents.
 - Filled in form-I of individual lease
 - Prefeasibility report of individual lease
 - EMP of individual lease.
 - Approved Mining Plan of individual lease.
 - Report on vibration study.
 - DLC status of the lease area from concerned DFO as certified by the concerned Tahasil/ur.
 - An Undertaking by the lessee not to use wagon drilling blasting to be submitted. Accordingly, specific condition to be stipulated in EC of individual lease.
 - No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee. An undertaking to this effect shall be submitted by the lessee. Accordingly, specific condition to be stipulated in EC of individual lease.
 - An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water. Accordingly, specific condition to be stipulated in EC of individual lease.
 - The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.
 - The project proponent shall undertake re-grassing of the area or any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for fodder, flora, fauna etc. after ceasing mining operation that is at the time of mine closure.
 - A condition on SOP for blasting and safety on management of flying rock to be implemented and detail risk and hazard management procedure shall be followed by the lessee as per the Annexure – F.
2. Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt. The proposal was placed in 155th SEIAA, Odisha meeting held on 09.02.2024 and the Authority approved the cluster EIA & EMP.

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 6.0 meter from the surface level and maximum quantity of extraction shall be limited to **2160 cum per 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 Vs. Pawan Kumar and Others).

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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 of Rs. 3,48,000/- capital cost and Rs. 1,90,000/- recurring cost and CER cost of Rs. 2.3 Lakh for CER cost.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.166.10

Proposal No.	SIA/OR/MIN/459141/2024
Date of application	15.03.2024
File no.	459141/16-INFRA2/02-2024
Project Type	Expansion of EC proposal
Category	B
Project/Activity including Schedule No.	8(a) Buildings & Construction Project
Name of the Project	Proposal of EC for construction of Proposed Addition and Alteration on G-1 (OPD Block, Guest House, Museum), G-7 IPD Block, G+2 (Electrical Room, Research Block, 2 Nos. Doctor's Quarter, Nurse Quarter, 2 nos. Housing Block), Ground Floor (Oxygen Plant, Shop, Mortuary, Bio Medical Waste) over an built-up area 62,962.11 sqm in Mouza- Chandihata, Jatani, Khurda of Dr BS Srinath.
Name of the company/Organization	M/s. Shankara Cancer Foundation
Location of Project	Mouza- Chandihata, Jatani, Khurda
ToR Date	NA
Name of the Consultant	M/s. Centre for Envotech & Management Consultancy 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 M/s Shankara Cancer Foundation for Proposed Addition and Alteration on G-1 (OPD Block, Guest House, Museum), G+7 IPD Block, G+2 (Electrical Room, Research Block, 2 Nos. Doctor's Quarter, Nurse Quarter, 2 nos. Housing Block), Ground Floor (Oxygen Plant, Shop, Mortuary, Bio Medical Waste) over an built-up area 62,962.11 sqm in Mouza- Chandihata, Jatani, Khurda of Dr BS Srinath.
2. **Category:** As per EIA Notification dated 14th September 2006, as amended from time to time, the project falls under Schedule of item 8 (a) Building and Construction projects.
3. Previously, Environment Clearance has been granted for the following proposal from SEIAA, Odisha vide File No. - 239148/58-MIS/11-2021, dated 06.01.2022.
4. **Location and Connectivity** – The Site is located near NH-16 and Info valley road. The Geographical coordinate of the project site is: Latitude 20°13'52.7"N & Longitude 85°42'25.6"E. The project site is well connected with National Highway-16. The nearest railway station is Retang Railway station at a distance of approx 7.7 Km from the site & Bhubaneswar Railway Station is 14.8 Km from project site. The nearest airport is Biju Patnaik Airport, Bhubaneswar at a distance of approx.11.5 Km from project site.
5. Details of water bodies, impact on drainage, if any – No
6. Whether the project is located within the Eco-Sensitive Zone (ESZ) or Eco-Sensitive Area (ESA) notified by the MoEF&CC – No
7. Whether project site is in CRZ area if yes furnish the CRZ map- No.

Statutory Clearances obtained so far :

8. Environment Clearance from SEIAA vide letter no. 239148/58-MIS/11-2021, dated 06.01.2022.
9. Consent to Establish from OSBCB vide letter no. 2659/IND-II-CTE-6633, dated 19.02.2022.
10. Consent to Operate from OSBCB vide letter no. 13241/IND-I-CON-6910, dated 21.08.2023.
11. Bio-Medical Waste Authorization from OSBCB vide letter no. 13825/IND-IV-BW-3496, dated 31.08.2023.
12. The site is coming under which Development Authority– Bhubaneswar Development Authority (BDA)

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13. The total plot area is 80937.13 sqm with total built-up area 62038.77 sqm.

14. The Building Area Details of the Project in tabulated form

Particular	Existing Area (sqm)	Proposed Area (sqm)	Total Area (sqm)
Plot Area	80,937.13 sqm	--	80,937.13 sqm
Ground Coverage	--	--	12,693.46 sqm
FAR	0.649	0.128	
Built up Area	54,394.89 sqm	7,643.88 sqm	62,038.77 sqm
Road Area	12,949.94 sqm	--	12,949.94 sqm
Parking Area	16,225.0 sqm	2498.9 sqm	18,923.83 sqm
Green Area	17,806.17 sqm (22%)	--	17,806.17 sqm (22%)
Power-Electricity Requirement & Sources	3152 KW Source: TPCODL	200 KW Source: TPCODL	3352 KW Source: TPCODL
No. of DG sets	2x750 KVA	1x750 KVA	3x750 KVA
Solar Power	189.2 KW	--	189.2 KW
Water requirement & Sources	277.0 KLD	18.0 KLD	295.0 KLD
Waste Water Generation	346.0 KLD	37.0 KLD	383.0 KLD
Sewage Treatment & Disposal	STP Capacity- 350 KLD ETP Capacity- 50 KLD	STP- 100 KLD	STP Capacity- 450 KLD ETP Capacity- 50 KLD
Solid Waste Generation	355.0 kg/day	90.0 kg/day	445.0 kg/day
Estimated Population	Hospital Bed- 750 Residential- 350 Floating- 1800	Residential- 100	Hospital Bed- 750 Residential- 450 Floating- 1800

15. **Water requirement:** Fresh make up of 295.0 m³/day will be required for the project which will be sourced from IDCO Supply Water. Total waste water generated from the hospital building is 383.0 KLD which is treated in STP of Capacity 450 KLD & ETP of Capacity 50 KLD. 9.4 KLD of treated in Non Monsoon period and 86.4 KLD water Monsoon period will be discharge to the nearest drain.

16. **Power requirement:** Total Power requirement is 3352.0 KW. Source is TPCODL, Power from GRID - 3,162.8 KW, Power from Solar - 189.2 KW. In case of power failure, 3x750 KVA DG Sets is provided as backup. Total 189.2 KW of Solar Power will be generated which is 5.6% of total power required in project.

17. **Rain Water Harvesting:** Total 778 cum Rain Water is harvested through 41 nos. of recharge pits.

18. **Parking Requirement:** Total Parking area required is 18,115.36 m² and total parking area provided is 18723.9 sqm / 749 nos. of ECS provided and location of parking area is Open.

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

20. **Green Belt Development:** Greenbelt is developed over an area of 17806.17 sqm which is 22% of the total plot area. Total 600 nos. of plants to be planted and 3 tier plantation.

21. **Biomedical and Solid Waste Management:** From the domestic uses solid waste in form of food waste from kitchen and miscellaneous waste will be generated @ 0.45 kg/capita/day, which will be about 202.5 kg/day. Waste generation for Floating People will be @ 0.15 kg/capita/day, which will be 187.5 kg/day. Waste generation for Research Centre will be @ 0.10 kg/capita/day, which will be 55.0 kg/day. The generated solid waste from the hospital complex will be collected into a garbage bin located at a suitable location inside the hospital complex. Bio-medical waste generation from 750 beds @ 1.5 kg/day/bed is

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1.25 Kg/c. Bio-Medical waste will be hand over to SPCB Authorized Agency. Solid waste generated and management.

22. **Radioactive area:** PET CT and Nuclear medicine: The Toilet water is let into a Delay and then into a decay tank and once the required time as per BARC norms is completed it is then let into the STP.

Solid waste Generation

Sl. No.	Category	Counts (heads)	Waste generated (kg/day)
Solid Waste Generation			
1.	Domestic	450 @ 0.45 kg/day/person	202.5 kg/day
2.	Floating/ Visitor	1250 @ 0.15 kg/day/person	187.5 kg/day
3.	Research Centre	550 @ 0.10 kg/day/person	55.0 kg/day
Total Solid Waste Generated			445.0 kg/day
Bio-medical waste Generation			
1.	Patient 750 beds	750 @ 1.5 kg/day/bed	1125.0 kg/day
Total Bio-medical Waste Generated			1125.0 kg/day

23. **Project Cost** - The estimated project cost is 150.0 Crores and cost for EMP is 2.1 Crores.

24. **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.

2. Whether SEAC recommended the proposal –Yes, the proposal was placed in the SEAC meeting held on 22.03.2024 and the SEAC recommended the following:

A. Environmental Clearance may be granted valid for 10 years with stipulated conditions along with addition to the following specific conditions.

- i) 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;
- ii) The proponent shall obtain all the statutory clearances w.r.t to expansion project.
- iii) The Project Proponent shall install Organic Waste Convertor in the project.
- iv) Plantation and solar facilities to be implemented as proposed at appropriate time.
- v) The proponent shall operate STP and ETP separately as standalone system and both shall not be interconnected. ETP outlet effluent shall not be discharged to outside the project premises i.e. "zero discharge" from ETP to outside the premises shall be maintained.
- vi) The Decongestion plan as given by the proponent in the traffic density study report shall be implemented for compliance with a definite time frame.
- vii) The proponent shall make agreement with nearby Common Bio-Medical Waste Treatment Facility having incinerator facilities for disposal of infectious waste, organic waste and health hazardous wastes.
- viii) The proponent shall obtain permission from concerned authority for discharge of surplus treated water of STP only to nearby drain & nallah.
- ix) The proponent shall obtain permission from concerned Fire Safety Authority.
- x) Permission from Atomic Regulatory Board for the proposed project shall be obtained.
- xi) Separate Firefighting system to be installed in hospital and residential.
- xii) Trees located within the project area shall be transplanted to alongside the boundary green development area.
- xiii) The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.
- xiv) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.

B. The SEIAA, Odisha may consider to issue Environmental Clearance after receipt of the following

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Information / documents from the project proponent.

- a) Latest certified compliance report from MoEF&CC, Govt. of India for previous EC conditions.

Decision Of Authority: ADS

The Authority observed that more than 1 year has been passed from date of issue of EC vide identification no. EC22B/0380R131448 dt. 06.01.2022. The Authority decided that the PP is required to submit certified compliance report of the previous EC conditions as prescribed by MoEF & CC O.M. File no. IA3-22/10/2022-IA.III [177258] dated 08.06.2022 for consideration for expansion proposal.

APPROVED BY

Member Secretary, SEIAA

Member, SEIAA

Chairman, SEIAA
21.05.24

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PARIVESH I.O, AGENDA No.166.13

Proposal No.	SLA/OR/MIN/401915/2022
Date of application	12.01.2023
File no.	401915/789-MINB1/01-2023
Project Type	New proposal for EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for EC of Semelia Stone Quarry over an area of 10.117 ha. This project is located at village of Semelia, Tahasil-Lakhanpur, District-Jharsuguda, State Odisha.
Name of the company/Organization	Sri Satyendra Kumar Chandra Maa Parthivi Traders
Location of Project	village of Semelia, Tahasil-Lakhanpur, District- Jharsuguda, State Odisha
TOR Date	26.07.2021
Name of the Consultant	M/s. Atmos Sustainable Solution 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. Maa Parthivi Traders for Semelia Stone Quarry over an area of 10.117 ha for production of 11,400 cum/annum at Khata no. 01, Plot no. 1195 (P) & 1196 (P), village - Semelia, Tahasil- Lakhanpur, District- Jharsuguda of Sri Satyendra Kumar Chandra.
2. **Category:** As per the EIA notification 2006 and its subsequent amendment, proposed project fall in category B schedule 1(a)-Mining of Minerals
3. **Project details:** This is a new Stone Quarry over an area of 10.117ha and not coming under D.I.C land that is certified from the concerned DFO. For the production of 11,400 Cum per year for a period of Concession of 5 years the mining Plan for the Proposed Project has been approved by Deputy Director of Geology Authorized officer, O/o Joint Director Geology, Zonal Survey, Sambalpur. Vide Letter No 624/ZS Dated 13.04.2021
4. The proposed mine lease has been granted to Tahasildar Lakhanpur. In turn, Semelia Stone Quarry area has been allotted to M/s Maa Parthivi Traders by the Tahasildar Lakhanpur, Jharsuguda, Odisha vide letter no 1643 dated 17.03.2020.
5. **TOR details:** Terms of Reference (TOR) has been prescribed by SEIAA, Odisha, vide letter no.1815/SEIAA for quarry dated 26.07.2021.
6. **Public hearing details:** The Public Hearing has been conducted on 12.07.2022 at Semelia Village Tehsil Lakhanpur in Jharsuguda District of Odisha under the supervision of Addl. District Magistrate, Jharsuguda. The issues raised in public hearing are agriculture, threat to surface and ground water, development of school/college, proposal of check dam on river.
7. **Location and connectivity:** The proposed Semelia Stone Quarry comes under the village Semelia, Tehsil- Lakhanpur, District- Jharsuguda, in the State of Odisha on Khata No – 01, Plot No. – 1195(P)& 1196(P), covered in the Survey of India Topo Sheet No. F44R6. Geographically the ML area extends from 83°26'42.16"E to 84°26'53.42"E and 21°40'28.93"N to 21°40'39.30"N, with a highest elevation of 195mRL and the lowest elevation 189 mRL. Nearest Railway Station is Kotarha Railway Station at a distance of 23.00 km in NE; Nearest Airport is Raipur Airport (Chhattisgarh) at 188 Km in NE; Nearest Highway is NH-200 is at a distance of 11.0 Km in N Direction; Nearest Sanctuary is Debrigarh Wild life Sanctuary is situated 8.2 kms in SE; nearest Reserve Forest is Holsari Dungri RF and Dechua RF are



Present with in the study at a distance of 8.0 Kms in SE ; Nearest Water Body is Mahanadi River, approx. 5Km in S direction.

Seismicity of Area: The project site falls under seismic zone II which is a least active zone (MSK VIII). The IS code assigns zone factor of 0.24 for zone II as shown in the seismic zonal map of India.

Topography and drainage: The North - Western part of the district is mainly hilly. About 80 % of the area is characterized by isolated hillocks and rounds and undulating plains. A part of Hirakud reservoir occupying 185 sq. km is present in southern part of the district. The highest and lowest topographic elevation of the district are 474 metre and 193 metre respectively. The drainage of the district is controlled by the Mahanadi in the western part and IB river, a tributary of the Mahanadi in the central and eastern part. The drainage pattern is mainly dendritic and high drainage density is found in the western part of the district. The MI area is Stony Barren Land having with flat terrain. The highest elevation of the mine lease area is 195 mRL and minimum Elevation is 189 mRL. The proposed project does not impact natural drainage pattern of the area.

Reserves: Total Geological Reserves are estimated to be 1029344 Cu.m while Total Mineable Reserves are 486200.5 Cum

Category	Section considered	Cross sectional Area of Rock Mass (m ²)	Length of influence in (m)	Vol. of rock Mass(m ³)	Vol. of Waste Rock Mass (5%) (m ³)	Vol. of usable Rock Mass (95%) (m ³)
		A	B	C=A×B	D=C×0.05	E=C×0.95
1 st year	X-X	90	120	10800.0	540.0	10260
2 nd year	X-X	90	120	10800.0	540.0	10260
3 rd year	X-X	95	120	11400.0	570.0	10830
4 th year	X-X	100	120	12000.0	600.0	11400
5 th year	X-X	100	120	12000.0	600.0	11400
		TOTAL		57000	2850	54150

The average production during plan period= 11400 m³ Per annum

1. Mining Method: Mining will be carried out by opencast semi-mechanized method without drilling & blasting. The proposed machinery that are deployed during mining activity are Excavator, Rock breaker, trucks/ tipper Water carrier etc. will be used by manual labors for sorting & sizing. In order to prevent haphazard excavation of pits and suitable blending of ore, the excavation has been proposed at one place. The excavated rock mass will be loaded in to 10 t capacity of trippers or truck by excavator. The development of the quarry will be carried out by benching pattern, the minimum height of the bench will be 2 mts. The overburden generated will be 5% of the excavated rock mass that is 2850 Cum, the waste generated will be disposed away from the lease area before the waste comes in contact with dam Water in monsoon.

2. Waste generation: About 540 Cum to 600 Cum of Waste will be generated every year (and about 2850 Cum of waste will be generated during the plan period. Temporary Dumps over an area of 0.020 ha has been proposed on the North-Eastern part of the lease area. The height of the dump shall not exceed 6 m. The amount of waste generated shall be kept within the lease area for a very short period of time and shall be used for road construction and maintenance from time to time each year.

Category	Section considered	Cross sectional Area of Rock Mass (m ²)	Length of influence in (m)	Vol. of rock Mass(m ³)	Vol. of Waste Rock Mass (5%) (m ³)
		A	B	C=A×B	D=C×0.05
1 st year	X-X	90	120	10800.0	540.0
2 nd year	X-X	90	120	10800.0	540.0

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3 rd year	X-X'	95	120	11400.0	570.0
4 th year	X-X'	100	120	12000.0	600.0
5 th year	X-X'	100	120	12000.0	600.0
TOTAL				57000	2850

13. Water requirement: Water requirement for the mining project is 6.7 or 7.0 KLD. This water will be supplied from the nearby village through hired tankers.

14. Greenbelt: About 881 no. of Plants will be planted in 0.551 Ha of the Safety zone. 610 No. of Plants will be planted in the unmined-out area within the mine lease. 300 no. of plants on both sides of the approach road with 2mts spacing and 500 No. of plants within the nearby village will be planted in consultation with Forest Department and Village Local Authorities. About 2290 number of trees will be planted in first two years of the mining. Plantation will be done with suitable local species like Teak, Mango, Neem, Jamun, Jhau etc after consultation with the local authorities.

Year	Total Plantation	Plantation in safety barrier zone and unmined out area (0.551 Ha+0.581 Ha=0.932Ha)	Plantation along approach road of length 0.3 km	Plantation in village consulting local authorities
1 st	1281	880	150	250
2 nd	1010	610	150	250
3 rd	Maintenance	Maintenance	Maintenance	Maintenance
4 th				
5 th				
Total	2290	1490	300	500

15. Employment Potential: Besides the direct and indirect employment to 27 persons, the company will provide vocational skill training to the unemployment youth of the neighbouring villages through outside agencies. Local villagers residing in the nearby villages shall be employed as semi-skilled workers.

16. Project cost: The estimated project cost is about Rs. 50 lakhs. About Rs. 1.0 lakh/annum has been kept under CER budget for development works in village. About Rs. 9.7 lakh (capital cost) & 5.5 lakh/annum has been allocated as FMP budget.

S.No.	Particulars	Amount (Lakh)	
		Capital	Recurring
1	Dust Suppression	3.0	0.5
2	Plantation and its protection (@ Rs. 200/sapling including fencing)	4.6	1.6 (Rs 300/- per Person* 2 Persons for 270 Days)
3	Personal Protective Equipment (@ Rs. 2999/PPE kit)	0.5	0.5

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5	Environmental Monitoring (Air, water, soil, noise)	-	1.2 (0.5 lakh, 0.4 lakh, 0.20 lakh, 0.10 lakh)
5	Garland drain & settling tank	1.0	0.5
6	Haul road construction/ maintenance (Approach road, approx. 0.3km)	0.6 (@ Rs 2.0 Lakh/km)	1.2 (@ Rs. 300*200 days* 2 labor)
	Total	9.7	5.5

Sl. No.	Activity	Capital Cost (in Rs.)
1.	Financial aid for the construction & maintenance of roof wall and painting of school of Semelia village	40,000
2.	Project Proponent will help Village Authorities of Semelia during constructing the Check Dam	60,000
TOTAL.		1,00,000

17. **Environment Consultant:** The Environment M/s. Atmos Sustainable Solution Pvt. Ltd., along with the proponent made a presentation on the proposal before the Committee on 12.06.2023.
18. Any deficiencies/omission have been noticed in the above documents- In the KML file it appears that quarried are located in scatter matter.
2. **Whether SEAC recommended the proposal-** The proposal was placed in the SEAC meeting held on 20.11.2023 and the SEAC the SEAC recommended for grant of Environmental Clearance upto lease period with stipulated conditions as per **Annexure-B** and following additional conditions;
- i) An Undertaking by the lessee not to use wagon drilling blasting to be submitted. Accordingly, specific condition to be stipulated in EC of individual lease.
 - ii) No storage and usage of blasting materials/explosives inside the lease area without license/permission/authorization from competent Authority as per Indian Explosives Rules, 1983 shall be ensured by the lessee. An undertaking to this effect shall be submitted by the lessee. Accordingly, specific condition to be stipulated in EC of individual lease.
 - iii) An undertaking to obtain NOC from CGWA and permission from WR department, Govt. Of Odisha for use of ground water. Accordingly, specific condition to be stipulated in EC of individual lease.
 - iv) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.
 - v) The project proponent shall undertake re-grassing of the area or any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for fodder, flora, fauna etc. after ceasing mining operation that is at the time of mine closure.
 - vi) A condition on SOP for blasting and safety on management of flying rock to be implemented and detail risk and hazard management procedure.
 - vii) Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt.

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S. No. The proposal was placed in the 156th SEIAA meeting held on 13.02.2024. The Authority perused the NOC issued by the Executive Engineer, Main Dam Division, Burla vide their letter no.933 dt. 27.01.2018 allowing quarrying from 01.02.2018 to 31.01.2023 which has been lapsed. Further, the NOC given with certain conditions as follows:

- 1) Debris or mock after lifting of stone should be deposited far away from Hirakud reservoir to prevent its re-entry.
- 2) Blasting operation or use of any type of explosives is totally prohibited.
- 3) The environment of the area should be kept safe for people residing nearby villages.
- 4) Purpose for which permission is granted cannot be altered for any other purposes.
- 5) No deed against the interest of public in any shape should be allowed.
- 6) The ecological balance should not be disturbed.
- 7) The permission so granted should be renewed one month before its expiry.
- 8) Necessary required no-objection certificate is to be obtained from SPCB, Odisha.
- 9) In case of violation of the above conditions or any reason the authority has the right to cancel the permission at any time without any notice.

After detailed deliberation, the Authority decided that the PP is required to submit fresh NOC along with the undertaking on the above-mentioned conditions/ fresh conditions if any.

Now the PP has submitted the necessary documents for consideration of EC.

Decision Of Authority: Approved

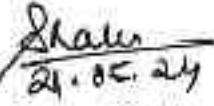
After detailed deliberations, the Authority decided to grant Environmental Clearance with usual stipulated conditions as applicable for stone quarry,

- Maximum depth of mining 6.0 meter from the surface level and maximum quantity of extraction shall be limited to **10260 cum per annum**.
- The lease granting Authority shall ensure that the PP is required to implement the conditions of Executive Engineer, Main Dam Division, Burla vide letter no.933 dt. 27.01.2018.
- 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 Vs. Pawan Kumar and Others).
- The Project Proponent (lease holder) shall deposit Rs.5,50,000/-, with the respective District Environment Society for raising 1100 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. 9.7 Lakh (Capital Cost), Rs. 5.5 Lakh/annum (Recurring Cost) and Rs. 1.0 Lakh/annum CER cost.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


24.05.24
Chairman, SEIAA

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PARIVESH 1.0, AGENDA No.166.33

Proposal No.	SIA/OR/MIN/462389/2024
Date of application	28.03.2024
File no.	462389/20-MINB/03-2024
Project Type	New ToR proposal
Category	B3
Project/Activity including Schedule No.	I(a) Mining of minerals
Name of the Project	Proposal for EC mining of stone from Uppalada Stone Quarry III (Under Cluster Approach) Over an area of 5.90 Ha. or 14.578 Acre in Khata No.- 376, Plot No.- 1726 in Village/ Mouza- Uppalada, Tahasil- Paralakhemundi, District- Gajapati in favor of M/s Kapilash Infrasol Projects Pvt. Ltd.
Name of the company/Organization	M/s. Kapilash Infrasol Project Private Limited
Location of Project	Sri Krutibas Swain, Project Manager Village/ Mouza- Uppalada, Tahasil- Paralakhemundi, District- Gajapati
ToR Date	07.09.2023
Name of the Consultant	M/s. P & M Solution

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 Uppalada Stone Quarry III (Under Cluster Approach) Over an area of 5.90 Ha. or 14.578 Acre in Khata No.- 376, Plot No.- 1726 in Village/ Mouza- Uppalada, Tahasil- Paralakhemundi, District- Gajapati in favor of M/s Kapilash Infrasol Projects Pvt. Ltd.
- (ii) The mining area is a part of Survey of India Topsheet No. 74B/1 (E45G) and is bounded between the Latitude - 18°49' 14.37" N to 18°49' 20.58" N & longitude 84°10' 21.84" E to 84°10' 32.96E.
- (iii) The mining lease is an identified sairat source in the DSR. The Uppalada Stone Quarry III sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Paralakhemundi to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- (iv) Documents submitted: -Form-1, PFR, DLC, EMP, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- (v) Whether submitted KML file of the lease area- Yes
- (vi) Whether submitted scrutiny fee-No
- (vii) Distance from nearest sanctuary/PSZ- Lakshmi valley WI-S-60.0 Km
- (viii) Whether the lease area coming in DLC report-No as certified by DFO, Paralakhemundi vide letter no. 5175 dt. 21.09.2023
- (ix) Whether the lease area reflecting in DSR-Yes
- (x) Method of mining-Semi-mechanized
- (xi) Distance from nearest road bridge-1.0 km, village road-0.46 km
- (xii) Whether it is part of cluster -Yes,
- (xiii) Whether EC obtained earlier-Yes, from SEIAA, Odisha vide letter no. 4318/SEIAA dt. 06.04.2018.
- (xiv) Date of approval of mining plan- the Joint Director of Geology, South Zone, Berhampur vide letter no. dt.06.12.2023.
- (xv) Production capacity per annum-9000 cum/annum (max.), total production in 5 years period-±5000 cum, Geological reserve-1733805 cum and Mineable reserve-1199304 cum.

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- (xvi) Whether the DSR has been prepared as per the MoEF&CC, Govt. of India Notification S.O. 361/11 dated 25.07.2018, Sustainable sand mining guidelines-2016 and Enforcement & Monitoring Guidelines for sand mining-2020- No.
- (xvii) A total of 07 projects are coming within 500 Meters of the Proposed Project, out of which 04 Projects are already approved (Uppalada Stone Quarry - I, IV, VIII, IX) and 03 Project are Operating Mines (Uppalada Stone Quarry - II, III, V area is 19.33 Ha) at village Uppalada, Tehsil Paralakhemundi, District Gajapati of Odisha over an applied area of 20.478 Ha; and Total Cluster Area is 39.811 Ha.
- (xviii) Any deficiencies/omission have been noticed in the above documents- Not submitted scrutiny fee.

2. Whether SEAC recommended the proposal

Decision Of Authority: ADS

After detailed deliberation, the Authority decided that the PP is required to submit the following clarification through the Mining Officer, Gajapati and Tabasildar, Paralakhemundi:

- (i) Status of Uppalada Stone Quarry no.VI & VII in Uppalada village.
- (ii) Why Uppalada Stone Quarry no. II, III, V were not included during Public Hearing held on 16.12.2022.

APPROVED BY

Member Secretary, SEIAA

Member, SEIAA

Shankar
04.05.24

Chairman, SEIAA



PARIVESH 1.0, AGENDA No.166.35

Proposal No.	SIA/OR/INFRA2/451679/2023
File No.	451679/517-INFRA2/11-2023
Date of application	07.11.2023
Project Type	New proposal for EC coming under violation category as building already constructed
Category	B1
Project/Activity including Schedule No.	8(b) Area Development Project
Name of the Project	Proposal for Environmental Clearance of M/s. XIM University for Construction of New Hostel Block Building of XIM University Bhubaneswar over a built-up area of existing campus is having total built-up area 1,68,239 sqm. (Existing-1,44,160.0 sqm. + proposed built-up area 24,077.0 sqm) over plot an area 2,22,575.40 sqm. / 55 acres at Plot No. 12(A), Nijigada Kurki, Harirajpur, Dist- Puri of Sri Basant Kumar Mohanty-Violation EC
Name of the company/Organization	Basant Kumar Mohanty, Administrative Officer
Location of Project	Plot No. 12(A), Nijigada Kurki, Harirajpur, Dist- Puri
Date of issue of ToR	15.09.2023
Name of Consultant	M/s Centre for Envotech & Management Consultancy Pvt. Ltd, Bhubaneswar

- 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 SEIAA, are given as under.
 - i) This proposal is for Environmental Clearance of M/s. XIM University for Construction of New Hostel Block Building of XIM University Bhubaneswar over a built-up area of existing campus is 144160.0 sqm at No. 12(A), Nijigada Kurki, Harirajpur, Dist- Puri of Sri Basant Kumar Mohanty.
 - ii) Category: The project falls under category "B" or activity 8(b); Township & Area Development Projects under EIA Notification dated 14th September 2006 as amended from time to time.
 - iii) Project details: Earlier, the project proponent had applied for Environment Clearance to SEIAA on 15.09.2014 for 1,44,160.0 sqm Built up Area and the SEAC presentation was held on 29.11.2014. But as per the Gazette of India, Notification dt. 22nd Dec., 2014: Educational Institutes having less than 1,50,000 sq. mtrs. of buildup area are exempted from obtaining Environmental Clearance. So other project is exempt from obtaining Environment Clearance. Now, they have planned to increase the built-up area from 1,44,160.0 sqm to 1,68,237.0 sqm due to Construction of a New Hostel Block. Hence, they are applying herewith for Environment Clearance.
 - iv) Statutory clearances: Terms of Reference (ToR) under violation category has been granted by SEIAA, Odisha vide proposal no. SIA/OR/MIS/76437/2022, dated 15.09.2023.
 - v) BDA has approved the building plan for Hostel Block vide letter no. 4308/BDA, Bhubaneswar, dated 06.02.2023. BDA has approved the building plan for existing project vide letter no. 15450/BDA, Bhubaneswar, dated 30.04.2022. NOC From IDCO for Water Supply vide letter no. IDCO/BCD-II/900, Dated 18.07.2012.
 - vi) Location and Connectivity – The campus is located in the Village- Kurki, Mouza- Nijigard under Piali Block, Puri District of Odisha. The Geographical coordinate of the project site is: Latitude - 20° 09'

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22° 18' N & Longitude - 85° 45' 59.36" E. The site falls in the Survey of India toposheet no. 731112 & 731113. The site is located about 13.8 kms away from the Barumunda Bus Stand and 11.5 kms from the Biju Patnaik International Airport, Bhubaneswar. Bhubaneswar railway station is approximately 14.7 kms from the campus. Sundarapada-Jatani road is passing near by the project site.

- vii) The site is coming under Bhubaneswar Development Authority (BDA).
- viii) The total plot area = 2,22,575.40 sqm/55 Acre (Existing- 35 Acre and Additional- 20). Total Built up Area = 1,68,237.0 sqm (Existing- 1,44,169.0 sqm and Additional- 24,077.0 sqm)
- ix) The Building Area Details of the Project in tabulated form:

Particulars	Existing	Proposed	Total
Plot Area	1,41,169.0 sqm (35 Acre)	81,406.4 sqm (20 Acre)	2,22,575.40 sqm (55 acre)
Ground Coverage	31,389.0 sqm (14.10%)	2,781.0 sqm (1.25%)	34,165.3 sqm (15.35%)
Total Built up Area	1,44,169.0 sqm	24,077.0 sqm	1,68,237.0 sqm
FAR	0.63	0.11	0.74
Maximum Height	—	—	28.35 m
Road & Paved Area	—	—	47,187.1 sqm
Basement Parking	1,050.0 sqm	—	1,050.0 sqm
Stilt Parking	1,538.0 sqm	—	1,538.0 sqm
Surface Parking	55,458.0 sqm	11,862.0 sqm	67,300.0 sqm
Total Parking Area	58,026.0 sqm	11,862.0 sqm	69,888.0 sqm
Green Belt Area	29,075.0 sqm	44,848.0 sqm (33.2% of the plot area)	73,923 sqm
Power/Electricity Requirement & Sources	3420.0 KW Source: TPCODI	—	3420.0 KW Source: TPCODI
No. of IDG sets	4x250 KVA, 2x500 KVA, 2x1010 KVA, 1x125 KVA, 1x62.5 KVA	—	4x250 KVA, 2x500 KVA, 2x1010 KVA, 1x125 KVA, 1x62.5 KVA
Fresh Water requirement & Sources	192.0 KLD Source: IDCO Supply	81.0 KLD Source: IDCO Supply	273.0 KLD Source: IDCO Supply
Sewage Treatment Plant	SIP - 300 KLD	STP - 250 KLD	STP - 550 KLD

- x) Water requirement: Fresh make up of 273.0 m³/day will be required for the project which will be sourced from IDCO Water Supply. Total waste water generated from the institutional building is 153.4 KLD which is treated in STP of Capacity 550 KLD. Rain Water harvested through 82 nos. of Rain Water recharging pits & also rain water is harvested through Rain Water Harvesting Pond.

Sl. No.	Description	Total Population	Per Capita Consumption(ltr/day)		Water Requirement (KLD)		
			Domestic	Flushing	Domestic	Flushing	Total
1.	Institutional	3000 nos.	Fresh (90)	Flushing (45)	270.0	135.0	405.0

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Floating	600 nos.	Fresh (S)	Flushing (T)	3.0	6.0	9.0
TOTAL				273.0	141.0	414.0

Details	Water (KLD)
Water requirement for domestic purpose	273.0
Wastewater generated from domestic use (@ 80 % of domestic water requirement)	218.4
Water requirement for Flushing Purpose	135.0
Wastewater generated from Flushing (@ 100 % of flushing requirement)	135.0
Total Wastewater generated	218.4 + 135 = 353.4 KLD
Sewage Treatment Plant Capacity	550 KLD (0.55 MLD)
STP Loss (5 % of wastewater generation)	17.7
Recycled water form STP @ 95 % of wastewater generated	35.7

- xi) Power requirement: Total Power requirement of the building is 3420.0 KW, Source is TPCODI, 4x250 KVA, 2x500 KVA, 2x1010 KVA, 1x125 KVA, 1x 62.5 KVA DG Sets are provided. Total 620.0 KW Solar Power Generation which is 5% of total power required in project.

Power Requirement	3420.0 KW
Source	TPCODI, of Odisha State Electricity Board
Backup Power	4x250 KVA, 2x500 KVA, 2x1010 KVA, 1x125 KVA, 1x62.5 KVA
Solar Power	620 Solar Panel installed at Campus

- xii) Rain Water Harvesting: total 4584 cum Rain Water is harvested through 82 nos. of recharge pits & one 60,000 cum Rain Water harvesting Pond.

- xiii) Parking Requirement: Total parking area provided is 69706.0 Sq.mtr and total 2780 nos. of ECS and location of parking area is Basement, Silt & Open.

Parking Area Provided			
Basement Parking	-	-	1,050.0 sqm
Silt Parking	--	--	1,538.0 sqm
Surface Parking	--	--	67,200.0 sqm
Total Parking	-	-	69,888.0 sqm
Equivalent car space Provided			
	Area (sqm)	Area/ECS	
Basement Parking	1,050	32	32 ECS



Stilt Parking	1,538	28	55 ECS
Surface Parking	67,300	25	2,692 ECS
Total Parking Provided			2,780 ECS

- xv) Fire fighting installations: Fire Fighting will be provided as per NBC Norms.
- xvi) Green Belt Development: Green belt is developed over an area of 73923 sqm which is 33.2% of the total plot area. Total 4440.0 nos. of plants to be planted and 3 tier plantation.
- xvii) Solid Waste Management: Solid waste generated and its management.

Solid Waste Generation

Description of waste	Total no. of population	Per capita generation of waste in kg/day	Quantity of waste generate (in kg/day)
Institutional Building	3000	0.45	1350.0
Road Sweeping	600	0.15	90.0
STP sludge		--	40.0
TOTAL SOLID WASTE GENERATED			80.0kg/day

- xviii) Project cost: The estimated project cost is 15.0 Crores and cost for EIMP is 2.62 Crores.
- xix) Violation penalty: The Penalty Provisions as per Notification F. No. 22-21/2020-I.A.III, dated 07.07.2021 is 1% of the total project cost. The cost assessment related to environmental degradation and its remediation as stated above would be: Rs. 7,20,000/-

Table: Total Budgetary Allocation

Sl. No.	Description	Estimated Cost (Rs.)
1.	Estimated cost of damage/remediation with respect to ecological aspects	7,20,000.00
2.	Community resource augmentation plan	1,50,000.00
	Net Expenditure:	8,70,000.00

- xx) 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.
- xxi) The Committee observed the followings:
 - a) Cost proposed for Remediation Plan, Community Resource Augmentation Plan for Damage Assessment is Rs. 8,70,000.00/- (Rupees eight lakhs seventy thousand only).
 - b) Cost of assessment of Environmental / Ecological damage due to violation is Rs. 7,20,000.00/- (Rupees Seven lakhs and twenty thousand only).
 - c) Total cost towards Remediation Plan, Natural Resource Augmentation Plan for Damage Assessment & assessment of Environmental / Ecological damage is Rs. 8,70,000.00/- (Rupees eight lakhs seventy thousand only) for which the proponent has to submit Bank guarantee with the State Pollution Control Board, Odisha prior to the grant of Environmental Clearance.
 - d) Total cost of the project is Rs. 15.01 Crores as certified by Chartered Accountant and 1% of the project cost is Rs.15,01,758.
 - e) Total penalty to be paid by the proponent as per SoP of MoEF & CC, Govt. of India dtd. 07.07.2021 for violation is (1% of the project cost) = Rs.15,01,758.
 - f) This is an educational institution and they have not started any activity from which they will gain profit. Hence the annual turnover in this case is zero.

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- g) There is no information available with the SEAC, if the State Govt. has initiated legal action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986.
- xii) Any deficiencies/omission have been noticed in the above documents- Nil
2. Whether SEAC recommended the proposal – Yes, the proposal was placed in SEC meeting held on 02.12.2023 and the SHAC recommended for grant of Environmental Clearance for the project valid for a period of 10 years with the following specific conditions in terms of the provisions of the MoEF&CC, Govt. of India notification dated 14th March, 2017 in addition to the conditions stipulated as per Annexure B. However, EC to be issued to the proponent after State Government file legal case against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986.
- The Project Proponent shall submit a Bank Guarantee (BG) of an amount of Rs. 8,70,000.00/- (Rupees eight lakhs seventy thousand only) towards Remediation Plan, Natural Resource Augmentation Plan & Community Augmentation Plan for Damage Assessment & assessment of Environmental / Ecological damage with the State Pollution Control Board, Odisha prior to the grant of Environmental Clearance.
 - The proponent shall deposit separately (other than BG) an amount of Rs.15,01,758 towards the penalty for violation as per SoP of MoEF & CC, Govt. of India dtd. 07.07.2021.
 - The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SHAC, Odisha and approval of the regulatory authority (i.e. SEIAA, Odisha).
 - The project proponent shall make adequate arrangement for environmental monitoring post construction phase.
3. The proposal was placed in 146th SEIAA meeting held on 11.12.2023. The Authority perused the recommendation of SEAC and decided that EC shall be considered on compliance of the following:
- The State Govt. to file legal case against the PP under the provision of Section 19 of the E.P Act 1986.
 - The PP to submit the compliance report from the MoEF&CC Regional Office, Bhubaneswar to ensure sustainable environmental management in pursuance of OM No. F.No. 19-2/2013-IA-III dated 09.06.2015 read with Notification No. SO. 3252 (F) of 22nd December, 2014 under EIA Notification, 2006.
 - The Project Proponent shall submit a Bank Guarantee (BG) for an amount of Rs. 8,70,000.00/- (Rupees eight lakhs seventy thousand only) towards Remediation Plan, Natural Resource Augmentation Plan & Community Augmentation Plan for Damage Assessment & assessment of Environmental / Ecological damage with the State Pollution Control Board, Odisha prior to the grant of Environmental Clearance. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC, Odisha and approval of the regulatory authority (i.e. SEIAA, Odisha).
 - The proponent shall deposit separately (other than BG) an amount of Rs.15,01,758 towards the penalty for violation as per SoP of MoEF & CC, Govt. of India dtd. 07.07.2021.
 - The PP has submitted bank guarantee (BG) & Penalty amount. The RO, MoEF & CC, BBSR has submitted the certified EC compliance report through SEIAA, Odisha Email on 06.02.2024.
 - The Proposal was placed in 155 SEIAA meeting held on 09.02.2024 and the Authority noted that the PP has submitted the application as per MoEF & CC, Govt. of India office Memorandum (O.M.) dt 07.07.2021 and subsequent clarification dt. 28.01.2022 regarding the SOP for identification and handling of violation cases under EIA Notification 2006.

In the meantime, Hon'ble Supreme Court in W.P.(C) No. 1394/2023 titled Varashakti Vs Union of India, has stayed the operation of both the Office Memorandum dated 7th July 2021 and 28th January 2022 issued by MoEF & CC, which has been communicated vide MoEF & CC OM No. F. No.-IA3-3/4/2024-IA.III [E-23/791] dt. 08.01.2024.



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Decision of Authority: Returned the Proposal to PP

The Authority agreed with the recommendation of SFAC and returned the proposal to PP with view that this is a violation case as the PP submitted as per provisions of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. It is mentioned that the Hon'ble Supreme Court has stayed the operation of said OM of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022 and which has been communicated vide MoEF&CC OM No. F. No.-1A3-3/4/2024-1A.III [E 230791] dt. 08.01.2024.

APPROVED BY

Member Secretary, SEIAA

Member, SEIAA

Chairman, SEIAA



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PARIVESH 1.0. AGENDA No.166.36

Proposal No.	SIA/OR/INFRA2/439152/2023
Date of application	14.08.2023
File no.	439152/21-INFRA2-V/08-2023
Project Type	New proposal for EC under violation category
Category	B
Project/Activity including Schedule No.	8(a) Building & Construction Project
Name of the Project	Proposal for EC for Regularization of existing Lower Basement+Upper Basement-Ground+5 th storied Multi specialty Hospital & one Ground+6 th storied Diagnostic Center for M/s Ulkal Healthcare Pvt. Ltd.
Name of the company/Organization	M/s Ulkal Healthcare Pvt. Ltd.
Location of Project	BBSR
ToR Date	19.01.2023
Name of the Consultant	M/s Centre for Envitech & Management Consultancy 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 ShAC/SEIAA are given as under:

1. This proposal is for Environmental Clearance of M/s Ulkal Healthcare Pvt. Ltd for Regularization of existing Lower Basement + Upper Basement - Ground+ 5th storied Multi specialty Hospital & one Ground+6th storied Diagnostic Center over an built-up area 30046.75 sqm project located in at Plot No C/3, Niladri Vihar, Chaudhudekharpur, Bhubaneswar, Dist: Kherda of Sri Sailendra Nayana Panch.
2. The project falls under category "B" or activity 8 (a)-Building & Construction projects under HIA Notification dated 14th September 2006 as amended from time to time.
3. **Violation Justification** - The proponent has already constructed the total project with built-up area 30046.75 m² without obtaining Environmental Clearance. Hence, this is a violation case. The EIA/EMP report has been prepared in conformity with all issues brought out in the detailed Violation ToR issued by SEIAA, Odisha vide letter No. SIA/OR/MIS/77289/2022, dated 19.01.2023.
4. **Location and Connectivity** - The proposed site of 2.47 Acres of land is located at Plot No. Plot No-C/3, near NH-16 Road, Niladri Vihar, Bhubaneswar, Khurda district in the state of Odisha. The Geographical coordinates of the project site are: latitude 20° 19' 15.88" N and longitude 85° 48' 01.90" E and the area comes under Survey of India Toposheet No- F45111, F45112, F45115, F45116. The total Plot Area is 10015.104 sqm and Built up area - 30046.75 sqm. The Kisan of Land is Gharabari. The project site is well connected with National Highway-16. The nearest railway station is Mancheswar Railway station at a distance of approx 4.7 Km in East Direction. The nearest airport is Biju Pattnaik International Airport Bhubaneswar at a distance of approx. 7.7 Km in South direction from project site. The site is located adjacent to the local landmarks such as Trident Academy of Technology, Akash Institution Chaudhudekharpur DAY School Campus-II etc. There is no structure or encroachments on the site. The site is easily accessible from NH-16 Road. Nearest river is Kankha River at a distance of 6.8 km from project site.

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5. The site is coming under Bhubaneswar Development Authority (BDA).
6. The total plot area is 10015.104 sq.mt. with total built-up area 30046.75 sq.mt.
7. Use Building Details of The Project:

Particular	Proposed
Project Name:	Regularization of existing Lower Basement + Upper Basement + Ground + 5 th storied Multi specialty Hospital & one Ground + 6 th storied Diagnostic Center
Plot Area	10015.104 sqm
Ground Coverage	3208.64 sqm
Built up Area	30046.75 sqm
Road Area	4796.46 sqm
Parking Area (% hospital area)	12197.64 sqm
Green Belt Area	2010.00 sqm(20.07 %)
Power/Electricity Requirement & Sources	2727 KW
No. of DG sets	2 DG sets of 1010 KVA and one 750 KVA
Water requirement & Sources	240 KLD (Fresh)
Sewage Treatment & Disposal	STP Capacity 300 KLD ETP Capacity - 30 KLD
Estimated Residential, Commercial Floating/visitors	Hospital Beds-350 Floating Population-2050

8. Statutory clearances obtained are -

- i. BDA Approval vide letter No- 1641/BDA, Bhubaneswar, dated 12/01/2021.
- ii. Fire Safety Clearance Certificate from office of deputy fire officer vide letter no - 108/2017-BBs.CIR
- iii. Ground Water application submitted to CGWA vide application no. 21-i(413)/SLR/CGWA/2012-3375, dated 07/05/2012.
- iv. Grant consent to Operate vide letter No- 10554/IND-I-CON-6809 , dated 18/06/2022.
- v. Authorization of Biomedical Waste vide letter No- 14111/SPCB/Authorization(Biomedical Waste) IND-IV-BM-2686 dated 24/10/2017.

9. Power requirement: The daily power requirement for the proposed project is preliminarily assessed as 2727 KW source from TPCO DL. In order to meet emergency power requirements during the grid failure, for this purpose diesel generator having 2x1010 KVA & 1x750 KVA capacities for power back up in the proposed Project. DG set stack height is 27.35m.

10. Solar Power Generation - Total 170.6 KW Solar Power Generation which is 6.2% of total power required in project. (5.0 KW to be generated from 70 nos of Solar Lighting poles (u/72 Watt) which has been proposed for Street lighting and solar energy generated from 120 nos. of PV solar panels per day = 165.6 KW).

11. Water requirement: Fresh make up of 240 m³/day will be required for the project which will be sourced from WATCO. Total waste water generated from the hospital is 240.33 KLD which is treated in STP & ETP. Capacity of STP is 300 KLD & Capacity of ETP is 30 KLD. Treated water discharge to drain in Non Monsoon Period is 45.7KLD and in Monsoon Period is 75.33KLD.



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Sl. No.	Total Population		Total Water requirement			
			Per Capita Consumption (Ltr/day)	Water Requirement (KL/D)		
				Fresh	Flushing	Total
i)	350 Patient Beds	350	450 (Fresh Water- 405liters/day and Flushing Water- 45 liters/day)	141.75	15.75	157.5
ii)	Staff (Permanent)	300	135 (Fresh Water- 90 liters/day and Flushing Water- 45 liters/day)	27.0	13.5	40.5
iii)	Staff (Day Shift)	250	45 (Fresh Water- 20 liters/day and Flushing Water- 25 liters/day)	5.0	6.25	11.25
iv)	Visitors/OPD	1500	15 (Fresh Water-6 liters/day Flushing Water-9 liters/day)	9.0	13.5	22.5
v)	Kitchen	1		10,000	0	10,000
vi)	Laundry	1		30,000		30,000
vii)	Water Treatment plant back wash, regeneration	1		9,000		9,000
viii)	Misc. Water features	1		7,750		7,750
TOTAL				239.5	49	288.5

12. Rain Water harvested 137 cum through 8 nos. of Rain Water recharging pits.
13. Firefighting Installations: Firefighting system will be installed as per recommendation of the Firefighting Officer, Odisha and as per the guideline of NBC (part-4).
14. Parking - Total parking area provided is 12197.64 Sqmt. and total 382 nos. of ECS and location of parking area is Basement.

Parking Area Provided

Basement Parking			12197.64 sqm
Total Parking	--		12197.64 sqm

Equivalent Car Space Provided

	Area(sqm)	Area/ECS	
Basement Parking	12197.64	32	381 ECS
Total Parking Provided			382 ECS
Total Hospital Beds			350 Nos.

15. Green Belt Development: Green belt is developed over an area of 2010.0 sqm which is 20.07% of the total plot area. Total 1250.0 nos. of plants to be planted and 3 tier plantation.

16. Solid Waste Management: Solid waste generated from floating population Such as hospital staff (including doctors, Nurses etc.) and miscellaneous waste will be generated @ 0.45 kg/capita/day, which will be about 247.5 kg/day. The generated solid waste from the Super-Specialty hospital complex will be collected into a garbage bin located at a suitable location inside the complex. Bio-medical waste generation from 350 beds will be 525 kg/day.

Sl. No.	Category	Counts (heads)	Waste generated (kg/day)	Management
i)	Staff Employee	550 (@ 0.45 kg/day/person)	247.5 kg/day	Handover to approved vendor
ii)	Visitors/OPD	1500 (@ 0.15 kg/day/person)	225 kg/day	Handover to approved vendor

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11.00	8 IP Sludge	—	120 Kg/day	Landscaping
		Total Waste Generated	592.5 kg/day	

Sl. No.	Category	Counts (heads)	Waste generated (kg/day)	Management
i)	Patient 350 beds	350 @ 1.5 kg/day/bed	525 kg/day	Handover to M/s Sani Clean
Total Waste Generated		525 kg/day		

17. Details of Court cases, if any – Case No. (2)C No- 93/2017, dated 18.01.2018 (U/s 15 of The Environment (Protection) Act, 1986).

18. The cost estimated towards Violation as follows - The summary of budgetary allocation with respect to violation activity and remediation/ E-MP measures suggested/recommended and community resource augmentation are as per the table:

Sr. No.	Description	Estimated Cost (Rs.)
1.	Estimated cost of damage / remediation with respect to ecological aspects	24,50,000.00
2.	Community resource augmentation plan	1,50,000.00
	Net Expenditure:	26,00,000.00

CSR Expenditure FY-2023

Sr. No.	Description	Estimated Cost (Rs.)
1.	Contributed to PM's National Relief Fund	25,000.00
2.	Expenditure towards development & maintenance of (BMC) Hospital front Garden	6,89,538.00
3.	Expenditure on Free Health Camp	1,72,558.00
	Net Expenditure:	8,87,076.00

19. **Penalty cost for Violation:** The Penalty Provisions as per Notification F. No. 22-21/2020-1A.III, dated 07.07.2021 is 1% of the total project cost. The cost of the project is Rs. 30.06 Crores. So total penalty of this project is Rs. 3,25,00,000/- which is 1% of the total project cost.

20. The estimated project cost is 30.06 Crores and cost for E-MP is 4.17 Crores.

21. **Baseline study:** The primary Environmental and Marine baseline data monitored near project site and study area of 10 km radius from 01st October 2022 to 31st October 2022.

a) **Ambient air quality:** Ambient Air Quality Monitoring reveals that the concentrations of PM₁₀ and PM_{2.5} found between 62.3 to 70.6 $\mu\text{g}/\text{m}^3$ and 26.1 to 32.4 $\mu\text{g}/\text{m}^3$ respectively. The concentrations of SO₂, NO_x and CO were found to be in range of 10.4 to 15.1 $\mu\text{g}/\text{m}^3$, 14.1 to 19.4 $\mu\text{g}/\text{m}^3$, ~0.1 $\mu\text{g}/\text{m}^3$ respectively.

b) **Ground water quality:** pH varies from to 6.5 to 8.5. Total Hardness varies from 102 to 121 mg/L. Total Dissolved Solids varies from 138.7 to 187 mg/L.

Sl. No	Parameter	Unit of measurement	Standard as per IS: 10500, 2012		GW 1	GW2	GW3	GW4	GW5
			Acceptable Limit	Permissible Limit					
i)	Colour	Hazen	5	15	<5	<5	<5	<5	<5
ii)	Odour	--	UO	UO	U	UO	UO	UO	UO
iii)	Taste	--	AL	AL	AL	AL	AL	AL	AL

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SL No.	Parameter	Unit	1	5	2	<1	<1	<1	3
vii)	Turbidity	NTU	—	6.5-8.5	No Relaxation	7.1 1	7.08	7.16	7.05
viii)	pH value @ 25°C	—	—	—	—	7.13			
ix)	Total Hardness (as CaCO ₃)	mg/l	200	600	11 2	102	121	109	107
x)	Iron (as Fe)	mg/l	0.3	No Relaxation	0.1 2	0.06	0.21	0.16	0.18
xii)	Chloride (as Cl)	mg/l	250	1000	64	59	61	58	57
xiii)	Residual free Chlorine	mg/l	0.2	1.0	N D	ND	ND	ND	ND
xiv)	Total Dissolved Solids	mg/l	500	2000	13 8.7	145. 2	186. 4	187	144
xv)	Calcium (as Ca)	mg/l	75	200	26. 1	25.7	26.5	25.2	26.3
xvi)	Magnesium (as Mg)	mg/l	30	100	9.1	11.4	12.6	10.9	10.3
xvii)	Copper (as Cu)	mg/l	0.05	1.5	<0. 03	<0.03 3	<0.03 3	<0.03 3	<0.03
xviii)	Manganese (as Mn)	mg/l	0.1	0.3	<0. 05	<0.03 5	<0.03 5	<0.03 5	<0.05
xix)	Sulphate (as SO ₄)	mg/l	200	400	16. 5	18.4	17.2	16.6	15.8

c) Surface water quality: pH varies from 6.5 to 8.5. Total Dissolved Solids varies from 243 to 251 mg/L.

SL No	Test Parameters	Unit	Standard as per IS 2296	SW1	SW2	SW3
a)	Colour, Max.	Hazen	300	22	17	15
b)	pH	—	6.5 to 8.5	6.89	6.76	6.81
c)	Iron as Fe, Max.	mg/l	50	0.16	0.13	0.22
d)	Chloride as Cl, Max.	mg/l	600	35	27	31
e)	Dissolved Solids, Max.	mg/l	1500	251	246	243
f)	Dissolved Oxygen, Min.	mg/l	4	6.2	6.7	6.4
g)	BOD: 5 days at 27°C, Max.	mg/l	3	2.7	2.2	2.5
h)	Oil & Grease, Max.	mg/l	0.1	ND	ND	ND
i)	Copper as Cu, Max.	mg/l	1.5	<0.03	<0.03	<0.03
j)	Sulphate as SO ₄ , Max.	mg/l	400	12.2	13.6	11.4
k)	Nitrate as NO ₃ , Max.	mg/l	50	2.9	2.3	2.6
l)	Fluoride as F, Max.	mg/l	1.5	0.05	0.05	0.05
m)	Aromatic detergent	mg/l	1	ND	ND	ND
n)	Cadmium as Cd, Max.	mg/l	0.01	<0.003	<0.003	<0.003
o)	Selenium as Se, Max.	mg/l	0.05	<0.001	<0.001	<0.001
p)	Arsenic as As, Max.	mg/l	0.2	<0.001	<0.001	<0.001
q)	Cyanide as CN, Max.	mg/l	0.05	ND	ND	ND

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	Pheogenic compound as C ₆ H ₅ OH, Max.	mg/l	0.005	ND	ND	ND
	Lead as Pb, Max.	mg/l	0.1	<0.05	<0.05	<0.05
i)	Zinc as Zn, Max.	mg/l	15	<0.05	<0.05	<0.05
ii)	Hexavalent Chromium as Cr ^{VI} , Max.	mg/l	0.05	<0.05	<0.05	<0.05
v)	Total Coliform, Max.	MPN/100ml	5000 MPN/100ml	321	578	389
w)	Faecal Coliform	MPN/100ml	—	47	41	45

d) **Noise quality:** The day Noise levels have been monitored during 6 am to 10 pm and the night levels during 10 pm to 6 am. Ambient noise levels were compared with the Noise Pollution (Regulation & Control) Rules, 2000. The L_{eq} values at this location for day and night time was observed to be varied between 50.9-54.3 and 41.7-43.5 dB(A).

e) **Soil quality :** The results of soil quality monitoring data as follows:

SL No.	Test Parameters	S1	S2	S3	S4	S5
a)	pH value (1:10) at 25°C	7.17	7.23	6.89	7.11	7.09
b)	Electro Conductivity at 25 °C (µmho/cm)	88	91	98	123	117
c)	Moisture content in %	10.1	9.7	9.9	10.7	11.1
d)	Sodium (as Na) in mg/Kg	33.2	32.5	32.8	35.2	34.7
e)	Bulk Density in g/cc	1.23	1.09	1.11	1.25	1.23
f)	Sand in %(W/W)	63.12	65.42	61.11	63.28	66.43
g)	Silt in %(W/W)	15.09	15.87	20.31	19.78	20.12
h)	Clay in %(W/W)	21.79	18.71	18.58	16.97	13.45
i)	Texture in %(W/W)	sandy	sandy	sandy	sandy	sandy
j)	Nitrogen as N in mg/kg	168.2	164.7	167.2	171.3	178.6
k)	Phosphorus as P in mg/Kg	2.11	2.41	2.13	1.89	1.93
l)	Potassium as K in mg/Kg	31.26	18.63	22.61	21.74	20.82
m)	Sodium absorption ratio (SAR)	1.67	1.74	2.21	2.03	2.46
n)	Cation Exchange Capacity (meq/100g)	5.5	4.9	7.6	6.9	8.7
o)	Organic Matter in %	0.04	0.07	0.12	0.14	0.16

22. The project proponent along with the consultant M/s Centre for Envotech & Management Consultancy Pvt. Ltd., Bhubaneswar made a detailed presentation on the proposal.

23. The SEAC in its meeting held on dated 01-09-2023 decided to take the decision on the proposal after receipt of the following from the proponent followed by site visit by the sub-committee of SEAC.

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
a)	License copy/certified documents from the concerned authority Atomic Energy Regulatory Board for the usage, storage, handling and	NoC from Atomic Regulatory Board, Radiologic for handling of Radioactive Materials is attached in Annexure-I.	Copies submitted

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	a) Management of radioactive materials such as radio isotopes used for patient diagnostic purpose and radiopharmaceuticals for treatment of patients.		
b)	Detailed write up on present handling of radioactive materials (usage, storage and its disposal).	Brief write up for handling of radioactive materials is attached in Annexure-2 .	complied
c)	Traffic study report duly vetted by institute of repute.	Traffic Study Report has been vetted by IIT Bhubaneswar. Vetted Traffic Study Report is attached in Annexure-3 .	As per traffic study report the LOS is "C"
d)	Obtain Fresh permission from DFO of the Chandaka Forest division.	Permission has been obtained from Divisional Forest Officer & Wildlife Warden, Chandaka Wildlife Division regarding boundary of the project is outside from Eco Sensitive Zone of Chandaka-Dampara Wildlife Sanctuary. Fresh permission from DFO is attached in Annexure-4 .	complied
e)	Total cost of the project & total turnover cost duly certified by Govt. authorised CA firm for calculation of penalty.	Total cost of the project is Rs. 30.06 Crores. CA certificate is attached in Annexure-5 .	KSP & Associates Chartered Accountants certified Gross Investment towards land and building is Rs.30,06,25,340 as on 31 st March 2021.
f)	Details of case registered under violation.	The case has been registered on 18.01.2018 vide case no. 2(C)C.C No-93/2017. Case copy is attached in Annexure-6 .	Copy submitted
g)	Permission from concerned authority for High-tension Electricity line near to the project site and mention the aerial distance of the High-tension Electricity line from the proposed site.	Permission has been obtained from Office of the Chief Engineer-cum-Chief Electrical Inspector, Central Zone, Odisha vide letter no. 1120, dated 16.12.2023. Permission letter is attached in Annexure-7 .	Copy submitted
h)	Include compliance to Specific TOR point 1 in EIA.	The case has been registered on 18.01.2018 vide case no. 2(C)L.C No-	Copy submitted



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	93/2017. Case copy is attached to Annexure-6.
i) Timeframe for completion of pending infrastructure like installation of solar panels, organic waste converter etc.	Pending infrastructure work like installation of Solar Panels & Organic Waste will be completed within one year.
j) The proponent shall provide adequate space for visitors parking.	Total 837.01 sqm area is provided for visitor parking.
k) It is a case of violation and all aspects related to environmental regulations need to be verified for which the PP needs to provide them in a tabular form giving the date of completion and current status etc.	All aspects related to environmental regulations will be completed within one year.

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 28.12.2023 and The SEAC observed the following:

Since, this is a violation case as the PP submitted as per provisions of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. It is mentioned that the Hon'ble Supreme Court has stayed the operation of said OM of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. Hence, the proposal may be returned to SEIAA, Odisha for further action.

Decision of Authority: Returned the Proposal to PP

The Authority agreed with the recommendation of SEAC and returned the proposal to PP with view that this is a violation case as the PP submitted as per provisions of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022. It is mentioned that the Hon'ble Supreme Court has stayed the operation of said OM of SOP dtd. 7th July, 2021 and OM dtd. 28th January, 2022 and which has been communicated vide Mail F & CC (Cc. No. F. No. IA-3-3/4/2024-IA.II [E 23679]) dt. 08.01.2024.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA
21-05-24