



Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024

PARIVESH 1.0, AGENDA No.167.01

Proposal No.	SIA/OR/MIN/445171/2023
Date of application	11.12.2023
File no.	445171/999-MINB2/12-2023
Project Type	New proposal for EC,
Category	B2
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for EC mining of stone from Mirigini Stone Quarry-1 over an area 2.55 Hectares or 6.30 Acres in Village Mirigini under Nilagiri Tahasil and District of Balasore Odisha.
Name of the company/Organization	M/s. Subarnarekha Port Private Limited
Location of Project	Village Mirigini under Nilagiri Tahasil and District of Balasore Odisha.
ToR Date	N/A
Name of the Consultant	N/A

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.

- ii) This is a proposal for mining of stone from Mirigini Stone Quarry-1 over an area 2.55 Hectares or 6.30 Acres in Village Mirigini under Nilagiri Tahasil and District of Balasore Odisha.
- iii) The mining area is a part of Survey of India Topo sheet No. 73K/15 and is bounded between the Latitude - 21° 27'05.92" to 21° 27'13.66" N and longitudes of 86° 45' 22.10" to 86° 45'28.56" E.
- iv) The mining lease is an identified sairat source in the DSR. The Mirigini Stone Quarry-1 sairat source will be leased out under the OMMC Rules, 2016 by Tahasildar, Nilagiri to the successful bidder (lessee) on the basis of public auction for a lease period of 5 years.
- v) Documents submitted: -Form-1, DLC, PFR, checklist, Mining Plan and approval letter, DSR, Village sheet, Cluster certificate from Tahasildar, topo map etc.
- vi) Whether submitted KML file of the lease area-Yes
- vii) Whether submitted scrutiny fee-Yes of Rs. 1000/- vide e Challan Reference Id no. 35C3EF6D3A dt. 20.09.2023.
- viii) Distance from nearest sanctuary/ESZ- **Kuldiha WLS-1005 meter**
- ix) Whether the lease area coming in DLC report-No, as certified by Tahasildar, Nilagiri vide letter no. nil dt 13.09.2023.
- x) Whether the lease area reflecting in DSR-Yes
- xi) Method of mining-Semi-mechanized without drilling and blasting
- xii) Distance from nearest road bridge-0.83 km, village road -0.63 km, habitation-**140 meter**
- xiii) Whether it is part of cluster -No
- xiv) Whether EC obtained earlier-No
- xv) Date of approval of mining plan- by the Deputy Director Geology, Steel & Mines Dept, Govt. of Odisha vide letter no.9180 dt. 11.07.2023
- xvi) Production capacity per annum-**170068 cum/annum (max.)**, total production in 5 years period-405882 cum, Geological reserve- 51084 cum and Mineable reserve- 405882 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 details on earlier EC application as follows:**

Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024



- a) The project proponent Sri Ranjan Kumar Pattanaik had submitted proposal for environmental clearance for Mirigini Stone Quarry No.1 over an area of 6.30 acres or 2.549 ha bearing Khata no. 453, Plot No. 572 at village-Mirigini, Tahasil-Nilgiri, Dist-Balasore to the Respondent No.3, State Environment Impact Assessment Authority (SEIAA), Odisha, with attaching forwarding letter of Tahasildar, Nilgiri vide letter no. 618 dated 06.02.2020 and it was received at SEIAA, Odisha on dated 06.03.2020.
- b) The proposal was placed in the 21st meeting of SEIAA, Odisha held on 17.03.2020 and the Authority decided that "Tahasildar may be asked to carefully verify its location vis-a-vis the eco-sensitive area of Kuldiha Wildlife Sanctuary and certify whether it is not part of a cluster of such quarries by referring to definition of cluster in EIA Notification 2006 and amendments thereto. He will submit a precise map drawn to scale identifying the location of all nearby quarries and boundary of eco-sensitive zone. DFO, Balasore Wildlife Division may be given a copy to provide the necessary information". Accordingly, a letter was issued by SEIAA, Odisha to Tahasildar, Nilgiri and copy to DFO, Balasore vide letter no. 8135/SEIAA dated 12.05.2020.
- c) The Tahasildar, Nilgiri vide his letter no. 2183 dated 28.05.2020 has submitted their clarification to SEIAA, Odisha with reference to letter dated 12.05.2020 of SEIAA. The proposal was pending for longtime at project proponent end as no clarification has been received from DFO, Balasore regard to Eco-sensitive zone of Wildlife sanctuary.
- d) Again, the project proponent had submitted additional documents along with modified checklist based on the clarification of SEIAA letter dated 12.05.2020 vide letter no. 466(1) dated 01.02.2021 and the same was received at SEIAA, Odisha on dated 25.03.2021
- e) Letter received from DFO, Balasore vide letter no. 2869 dated 29.04.2021 address to Tahasildar, Nilgiri and the same was received at SEIAA, Odisha on 30.04.2021. In this letter the DFO has not clarified specifically the Eco-sensitive zone of Kuldiha Wildlife Sanctuary. Hence, the proposal was placed 54th meeting of SEIAA, Odisha held on 28.06.2021 and the Authority decided that Ask for a complete reply to issues raised by us from DFO, Balasore. Accordingly, letter was issued by SEIAA, Odsha to DFO, Balasore vide letter no. 1459/SEIAA dated 03.06.2021, 1700/SEIAA dated 09.07.2021 and 2666/SEIAA dated 06.09.2021 but no reply received from DFO, Balasore. Letter issued to DFO, Balasore.
- f) In the meantime, the MoEF & CC, Govt. of India has issued Office Memorandum (OM) dated 06.10.2021 and accordingly, the SEIAA, Odisha return all offline proposals to project proponent with request that they shall apply their proposal in Parivesh Portal only. Accordingly, the project proponent Sri Ranjan Kumar Pattnaik had applied their proposal again through online in Parivesh Portal on 14.12.2021 and after initial scrutiny the proposal was forwarded to the State Level Expert Appraisal Committee (SEAC) on 20.12.2021. The proposal was placed in SEAC meeting held on 28.01.2022 and the SEAC raised some clarification vide their letter no. 138(5) dated 04.02.2022 and the same uploaded in Parivesh Portal on 08.02.2022 and the details clarification sought by SEAC as follows:
- (i) The DFO, Balasore has to ascertain the status of the land schedule of proposed quarry as forest as on 25.10.1980 or in DLC Forest list.
 - (ii) Certificate from the concerned DFO that the mine is not located within ESZ of Kuldiha Sanctuary as it is **675 meters** away from the boundary of proposed quarry. But no reply has been received neither from DFO, Balasore nor from



Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024

lessee/Tahasildar. Due to non-reply to Essential Details Sought (EDS) sought by SEAC within one month time period, the proposal was delisted automatically from Parivesh Portal as per provision of MoEF & CC, Govt. of India OM dated 15.03.2021.

g) Recently, the project proponent (PP) M/s. Subarnarekha Port Pvt. Ltd. has submitted project proposal for of Mirigini Stone quarry-1 over an area of 6.30 acres or 2.55 Ha in village Mirigini, Tahasil-Nilgiri, Dist-Balasore vide online proposal no. SIA/OR/MIN/445171/2023 dated 21.09.2023.

xix) EMP cost of Rs.2.6 Lakh (Capital Cost) & Rs. 3.2 Lakh (Recurring cost)

xx) Any deficiencies/omission have been noticed in the above documents- There is a NGT case on OA. 80 of 2023 is pending in respect to Mirigini Stone Quarry-1. There is Public complain from Sukanta Kumar Nayak, Ex- MLA, Nilgiri in regard to Mirigini Stone Quarry-1

2. Whether SEAC recommended the proposal – The proposal was placed in the SEAC meeting held on 28th, 29th & 30th December 2023 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 garland drains retaining wall and settling tank should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity.

3. The proposal was placed in the 158th SEIAA meeting held on 01.03.2024 & 02.03.2024 and after detailed deliberation in the matter the Authority decided to seek clarification on the following points:

- (i) The DFO, Balasore to clarify whether the proposed mining area is coming within Eco-Sensitive Zone of Kuldiha Wildlife Sanctuary and whether the proposed land coming under DLC list or forest land category.
- (ii) There is another project proponent namely, Sri Ranjan Kumar Pattanaik who has followed for grant of EC for the same lease area vide application no. SIA/OR/MIN/244960/2021 dt. 14.12.2021. The Tahasildar, Nilgiri has clarified whether the earlier lease has been cancelled.

4. Now, the DFO, Balasore vide hir letter no. 4278 dt. 30.05.2024 has clarified that the proposed quarry is located outside Eco-Sensitive Zone of Kuldiha WLS as well as DLC Forest and Mirigini Village Forest land. The Tahasildar, Nilgiri vide his letter no. 1462 dt. 01.05.2024 has clarified that Sri Ranjan Kumar Pattanaik the earlier less was unable to obtained environmental clearance (EC) for this project hence, the bidding process was cancelled on 19.12.2022 after the due approval of Controlling Authority i.e. the Collector, Balasore vide order dt. 13.12.2022.

Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024




Decision of Authority: Approved

The Authority perused the report of DFO, Balasore vide his letter no. 4278 dt. 30.05.2024 stating that the proposed Mirigini Stone Quarry-I is located outside Eco-Sensitive Zone of Kuldiha WLS as well as DLC Forest and Mirigini Village Forest land and letter no. 1462 dt. 01.05.2024 of Tahasildar, Nilgiri clarifying the matter stating that the previously applied EC application no. SIA/OR/MIN/244960/2021 dt. 14.12.2021 has been cancelled on 19.12.2022 after the due approval of Controlling Authority i.e. the Collector, Balasore vide order dt. 13.12.2022 and later quarry permit has been issued by Tahasildar, Nilgiri vide letter no. 3335 dt. 26.12.2023 in favour of M/s. Subarnarekha Port Pvt. Ltd. for extraction of 21252 cum of stone material from the said source for period of 1 year.

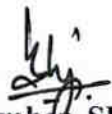
Further, the Authority perused the Judgement dt. 04.03.2024 of Hon'ble NGT, Kolkata Bench in OA No. 80/2023/EZ in the matter of Sukanta Behera Vrs State of Odisha & Ors.. Para-22 of the Judgement mentioned that "the nearest authorized human habitation (house of one Smt. Ratnamani Singh) is 140 meters from the alleged stone quarry (Stone Quarry No.01) in the South-East direction and there are also 4 houses adjacent to the house of Smt. Singh; the Anganwadi Centre at Dhada Sahi is 390 meters from the alleged stone quarry (Stone Quarry No.01) in the South direction; the Primary School, namely, Mirigini Upgraded U.P. School in Village-Mirigini is 780 meters and Urban Health and Wellness Centre in Mirigini is 750 meters from the alleged proposed stone quarry (Stone Quarry No.01); the Salabandha hamlet is 730 meters from the alleged stone quarry (Stone Quarry No.01) in the South-West direction"

The minimum distance criteria for permitting stone quarrying of CPCB vide their letter no. CPCB/IPC-II/NGT-OA 304 of 2019/2020 dt. 12.05.2020 stipulates that minimum distance criteria be **100 meter when blasting is not involved and the minimum distance be 200 meter when blasting is involved.**

After detailed deliberation in the matter, the **Authority decided to grant EC with specific condition that the mining shall not involve blasting.**


Member Secretary, SEIAA

APPROVED BY


Member, SEIAA


Chairman, SEIAA



Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024

AGENDA NO.167.02

Proposal No.	SIA/OR/MIN/417345/2023
Date of application	21.02.2023
File No.	417345/798-MINB1/02-2023
Project Type	Proposal for fresh EC
Category	B1
Project/Activity including Schedule No.	1(a) Mining of minerals
Name of the Project	Proposal for grant of EC for Kusumi & Mohuda Stone Quarries Cluster over an area of 27.258 Acres or 11.139 hectares in village Kusumi & Mohuda, Tahasil Kukudakhandi in District Kukudakhandi, State Odisha submitted under cluster approach with total cluster area 11.139 Hectares with consisting of 5 stone quarries.
Name of the company/Organization	Tahasildar, Kukudakhandi
Location of Project	village Kusumi & Mohuda, Tahasil Kukudakhandi in District Kukudakhandi, State Odisha
ToR Date	19.08.2022
Name of the Consultant	M/s. P and M Solutions

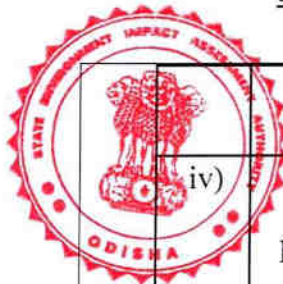
Proposal in brief:

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

- (i) This proposal is for environmental clearance for Kusumi & Mohuda stone quarries cluster over an area of 27.258 Acres or 11.139 hectares in village Kusumi & Mohuda, Tahasil Kukudakhandi in District Ganjam of Tahasildar, Kukudakhandi (submitted under cluster approach with total cluster area 11.139 Hectares with consisting of 5 stone quarries).
- (ii) **Category:** The proposed project is in cluster situation as other leases are within 500 m radius of lease & total lease area becomes greater than 5 ha. So, as per the EIA notification 2006 and its subsequent amendments, proposed project falls in category B1 under Schedule of item 1(a) -Mining of Minerals.
- (iii) **Mining plans approval details of Kusumi & Mohuda stone quarries:**

S.No	Name and Address of the Mine	Khata No/Plot No	Lease Area	Mining Plan Approval	EC Status
i)	Kusumi Stone Quarry Mouza-Kusumi Lessee- Sri Surya Narayan Swar	Khata No-325 Plot No-147/P	2.294 Ha	1019/SZ, 30.07.2022	Applied for Fresh EC (ToR Granted in Cluster)
ii)	Kusumi Stone Quarry Mouza-Kusumi Lessee- Smt. Swapna Behera	Khata No-325 Plot No-147	1.199 Ha	529/SZ, 22.04.2022	Applied for Fresh EC (ToR Granted in Cluster)
iii)	Kusumi Stone Quarry Mouza-Kusumi	Khata No-325 Plot No-166	2.472 Ha	527/SZ, 22.04.2022	Applied for Fresh EC (ToR Granted in

Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024



	Lessee- Smt. Swapna Behera				Cluster)
iv)	Mohuda Stone Quarry Mouza-Mohuda Lessee- Smt. B.Sita Reddy	Khata No-669 Plot No-1978 (P)	4.284 Ha	905/SZ , 01.07.2020	Applied for new EC (ToR Granted in Cluster)
v)	Mohuda Stone Quarry Mouza-Mohuda Lessee- Sri V.Budu	Khata No-669 Plot No-1978 (P)	0.890 Ha	531/SZ, 22.04.2022	Applied for Fresh EC (ToR Granted in Cluster)

(iv) There are two others identified sairat sources quarries present within 500 m of proposed cluster i.e.

S.No	Name and Address of the Mine	Khata No/Plot No	Lease Area	EC Status
i)	Mohuda Stone Quarry Mouza-Mohuda Lessee- Sri Tushar Kanta Dash	Khata No-669 Plot No-1406	2.165 Ha.	EC Granted on Date: 30.07.2022 from SEIAA & Running till 27.05.2025
ii)	Mohuda Stone Quarry Mouza-Mohuda Lessee- Sri B. Balaji Reddy	Khata No-669 Plot No-1978 (P)	2.165 Ha.	EC Granted on Date: 10.8.2021 from SEIAA & Running till 21.08.2026

(v) **DLC details:** -The proposed Sairat source under Kukudakhandi Tehsil is not coming under DLC land vide Letter no-5001 dated 03 June 2022.

(vi) **TOR details:** Terms of Reference (TOR) has been prescribed by SEIAA, Odisha vide Reference No: 5157/ SEIAA; File no. SIA/OR/MIN/81911/2022 dated 19.08.2022.

(vii) **Public hearing details:** Public hearing was successfully conducted on date 23.11.2022 at village-Kusumi, Tehsil-Kukudakhandi, District- Ganjam, Odisha. Issues raised during public hearing are local employment, local development, construction material availability for developmental works, assistance to local people, plantation, and control blasting. Funds allocated for Public Hearing issues are: Rs.89000.00 for plantation, 0.20lakhs for medical camp and 0.50lakhs for distribution of books and educational awareness campaign.

(viii) **Location and connectivity:** The Kusumi & Mohuda Stone Quarry lease is located at Village- Kusumi & Mohuda, Tehsil- Kukudakhandi, District-Ganjam, Odisha. The area falls in Survey of India topo sheet No. 74A/11, 74A/12, 74A/15& 74A/16.Kusumi stone quarry bears Khata no.325 plot nos.147/P (2.294 ha.),147(2.472 ha.) and 166(1.199 ha.) while Mohuda stone quarry bears Khata no 669, Plot no 1978(P) with 0.890 and 4.284 hectares. The quarry area bounded between the Latitude -19°16'37.96" N to 19°17'5.62" N and Longitude - 84°44'08.06" E to 84°44'36.64" E with an elevation of about 60m RL to 38 mRL. Nearest railway line is Berhampur Railway station at 6.0 Km NE, NH-16 is at 4.50 km in SE, SH- 22 is at 1.20 km in NW. Nearest road bridge is at Haladiapadara over bridge at a distance of 4.50km SE and nearest river embankment is at 20km in SW. Nearest reserve forest is Ramagurha reserve forest at a distance of 3.30 km in SW.



Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024

(ix) There is no National Park or Biosphere Reserve within 10 km distance from the lease area. The life of the mine will be 27 years for cluster.

(x) **Topography and drainage:** The area falls in Eastern Ghats of Odisha in Ganjam district. This group of formation comprises of granitic gneisses, granites, khondalites, chanoekites and granitoids. A variety of Granite Gneiss forming peneplains ground occurs at geomorphic levels above 100- 150MSL. They are believed to be late proterozoic age. The quarry lease has highest elevation of about 60m RL and lowest elevation of 38 mRL. There is no stream crossing in the mine lease area. Dakhinapur Reservoirs is at approx 5.60 km towards NE direction.

(xi) **Reserves and total production:** As estimated, reserves of Kusumi and Mohuda stone mining lease is presently spanning over an area of 11.139ha. (Cluster area). The proposed project is to mine Kusumi & Mohuda Stone Quarry (Cluster Area 11.139ha.) for proposed production of 37,364 cum/year (under cluster approach).

Name of The Mine	Production (cum)
Kusumi Stone Quarry (2.294 ha.)	8015
Kusumi Stone Quarry (2.472 ha.)	10098
Kusumi Stone Quarry (1.199 ha.)	6148
Mahuda Stone Quarry (0.890 ha.)	3015
Mahuda Stone Quarry (4.284 ha.)	10088
Total	37,364

Name of The Mine	Geological Reserves (cum)	Mineable Reserves (cum)
Kusumi Stone Quarry (2.294 ha.)	308307	219675
Kusumi Stone Quarry (2.472 ha.)	338138	188865
Kusumi Stone Quarry (1.199 ha.)	76976	51516
Mahuda Stone Quarry (0.890 ha.)	86197	47466
Mahuda Stone Quarry (4.284 ha.)	637641	507237

(xii) **Mining method:** Mining will be done by semi-mechanized method. Mining will be done by deploying machines like jackhammer, drill compressor, rock breaker, excavator and tractors/trucks. Tipper and trucks will be used for transporting stone and waste. Drilling & blasting will be carried out as & when required. In a month, around 57- 63 no. of drill holes will be made. On monthly basis around 24kg of non-explosive blasting material will be consumed. Blasting will be carried out by an employed blaster. Short hole blasting will be practiced. Bench height will be 5.0 m and Width 5.0m. Ultimate pit slope will be 45°.

(xiii) **Waste generation:** About 10% of mine waste will be generated which is mineral fines along with undersized material & other intermediate weathered products. These wastes will be disposed to the proposed dump yard in NW part of lease area. These wastes will be used for the construction of mine road. The retaining wall around the dump will be constructed to prevent the wash off dump. Around the retaining a garland drain and settling tank will be provided to prevent the possible transportation of mine dust or fines. Garland drain will be provided in 522m boundary of section 2.0m x 1.5m. The protective bound will also be prepared around the periphery of the ML area in 5m width.



Year	Waste Generation (cu.m.)				
	Kusumi Stone Quarry (2.294 ha.)	Kusumi Stone Quarry (2.472 ha.)	Kusumi Stone Quarry (1.199 ha.)	Mohuda Stone Quarry (0.890 ha.)	Mohuda Stone Quarry (4.284 ha.)
1 st	3435	1122	1537	335	2522
2 nd	3435	1122	1537	335	2522
3 rd	3435	1122	1537	335	2522
4 th	3435	1122	1537	335	2522
5 th	3435	1122	1537	335	2522

xiv) **Baseline study:** Study at the site was monitored during pre-monsoon season March 2022 to May, 2022. Following observations were made:

- Ambient Air quality:** The minimum and maximum level of PM_{2.5} recorded within the study area was in the range of 25.23µg/m³ to 43.51µg/m³ with the 98th percentile ranging between 38.44µg/m³ to 43.35µg/m³. The 24 hourly average values of PM_{2.5} were compared with the National Ambient Air Quality Standards (NAAQS) and found that all sampling stations recorded in the study area are within the applicable limits i.e., 60 µg/m³ for PM_{2.5} in rural areas. The minimum and maximum level of PM₁₀ recorded within the study area was in the range of 51.28µg/m³ to 78.13µg/m³ with the 98th percentile ranging between 72.38µg/m³ to 77.58µg/m³. The minimum and maximum concentration of SO₂ recorded within the study area was 6.23 µg/m³ to 9.78 µg/m³ with the 98th percentile ranging between 7.74µg/m³ to 9.77µg/m³. The minimum and maximum level of NO₂ recorded within the study area was in the range of was 8.03µg/m³ to 15.21µg/m³ with the 98th percentile ranging between 10.49µg/m³ to 15.21µg/m³.
- Water quality:** During the study period, the pH was varying for ground waters from 7.15 to 7.48 & in Surface water from 7.57 to 7.62. The total dissolved solids are varying from 275 mg/l to 303 mg/l. Hardness of ground water varies from 114 mg/l to 135 mg/l. Concentration of Fluorides is less than <0.01mg/l.
- Noise levels study:** The values of noise observed in some of the areas are primarily owing to vehicular traffic. Assessment of hourly night time Leq (Ln) varies from 37.6to 44.3dB (A) and the hourly daytime Leq (Ld) varies from 48.7to 59.2dB (A) within the study area.
- Soil:** In the study area, variations in the pH of the soil were found to be slightly alkaline (7.32 to 8.05).

(xv) **Water requirement:** A total of 17 KLD water will be required for Cluster applied area. The water will be supplied from available sources from nearby village.

Purpose	Water requirement (KLD)					Total
	Kusumi Stone Quarry (2.294 Ha.)	Kusumi Stone Quarry (2.472 Ha.)	Kusumi Stone Quarry (1.199 Ha.)	Mohuda Stone Quarry (0.890 Ha.)	Mohuda Stone Quarry (4.284 Ha.)	
Domestic & drinking	0.85	1.03	0.67	0.67	0.85	4.07
Dust suppression	9.2					9.2
Green belt development	2.75					2.75
Total						16.02 ~ 17 LD

xvi) **Wastewater management:** The wastewater generation from the above consumption is mainly from domestic consumption i.e., the wastewater generated from the domestic front is mainly from toilets. This water will be treated in septic tank followed by soak pit.



Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024

(vii) **Power supply:** Electrical power will be required only for site office and will be obtained from Solar energy. Transportation will be done through dumpers or trucks operating on diesel. No storage for diesel is proposed.

(viii) **Greenbelt:** The entire plantation will be done on the periphery of the reclaimed area. Precautionary measures will be taken for care of the forestation made by regular watering in the afforested area, to protect from grazing animals.

Year	Total Plantation	Green belt Nos.				
		Kusumi Stone Quarry (2.294 Ha.)	Kusumi Stone Quarry (2.472 Ha.)	Kusumi Stone Quarry (1.199 Ha.)	Mohuda Stone Quarry (0.890 Ha.)	Mohuda Stone Quarry (4.284 Ha.)
1 st year	1377	189	438	250	250	250
2 nd year	1377	189	438	250	250	250
3 rd year	1377	189	438	250	250	250
4 th year	1377	189	438	250	250	250
5 th year	1377	189	438	250	250	250
Total	6890	945	2190	1250	1250	1250

(xix) **Employment generation:** The total manpower requirement for the proposed project is 91 persons.

(xx) **Project cost:** The estimated cost of the project is 2.6 Crores (Cluster).

S.No	Name and Address of the Mine	Applicant	Total Cost (Rs)	CER 2% of Total Cost in Rs)
i)	Kusumi Stone Quarry Khata No 325, Plot No 147/P, Mouza-Kusumi	Sri Surya Narayan Swar	60 Lakhs	Rs 1,20,000
ii)	Kusumi Stone Quarry Khata No 325, Plot No 166, Mouza-Kusumi	Smt. Swapna Behera	50 Lakhs	Rs 1,00,000
iii)	Kusumi Stone Quarry Khata No 325, Plot No 147, Mouza-Kusumi	Smt. Swapna Behera	50 Lakhs	Rs 1,00,000
iv)	Mohuda Stone Quarry Khata No 669, Plot No 1978/P, Mouza-Mohuda	Smt. B. Sita Reddy	50 Lakhs	Rs 1,00,000
v)	Mohuda Stone Quarry Khata No 669, Plot No 1978(P), Mouza-Mohuda	Sri V. Budu	50 Lakhs	Rs 1,00,000

Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024



The EMP (For Cluster) cost includes capital cost of Rs 20.02 Lakhs and recurring cost of 12.50 Lakhs.

Sl. No.	Measures	Capital Cost (In Rs.)	Recurring Cost (In Rs.)
i)	Water Sprinkling/Air Pollution Control (Dust Suppression along haulage road and mine)	--	5,00,000
ii)	Greenbelt development safety zone 7.5 mtr and along the road (for each plants including hedges and fences)	13,77,000	2,50,000
iii)	Environment Monitoring (Air, Water, Noise & Soil Monitoring)	--	2,50,000
iv)	Construction and Maintenance of Haul Road	6,25,000	2,50,000
Total		20,02,000	12,50,000

xxi) **Environment Consultant:** The Environment consultant **M/s P & M Solution, Noida** along with the proponent made a presentation on the proposal before the Committee on dtd. 10.03.2023.

xxii) 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)	There are 7 quarries in cluster, out of which EC has been granted by DEIAA to 2 quarries. Clarification how DEIAA has granted EC to 2 quarries when total cluster area was more than 5 ha. Further, proper justification/Clarification through a write-up from district authority that why it should not be considered as violation.	<p>The Compliance report from the district authority is attached herewith, as Annexure – I.</p> <p>On verification of the records, it is found that 7 (seven) no. of sairat proposals were submitted separately by the Tahasildar, Kukudakhandi for grant of Environmental Clearance in respect of Mohuda and Kusumi Quarries. All the proposals were supported by the documents such as, Mining Plan approval, Check list, form 1m etc.</p> <p>Out of 7 (seven) no. of proposals, 4 (Four) no. of proposals i.e. (1 Kusumi-I) Stone Quarry (2) Mohuda Stone Quarry (3) Kusumi –II Stone quarry (4) Mohuda Stone Quarry – 1 were approved in DEIAA meeting held on 29.06.2016.</p> <p>1 (one) no. of Proposal i.e. Mohuda Road Metal Quarry was approved in DEIAA meeting held on Dated 06.12.2016.</p> <p>All the above proposals were applied by different proponents individually (not in cluster) along with a certificate issued by the Tahasildar, Kukudakhandi in the Check List.</p> <p>Remaining, 2(two) no. of Proposals i.e. (1) Kusumi Stone Quarry (2) Kusumi Stone quarry-1 were applied in a Cluster Proposal by Tahasildar, Kukudakhandi</p>	-



Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024

		with two different plot nos. Such as Plot No. 147/1 and Plot No. 147. The area of Plot No. 147/1 is 2.294 Hectors and Plot No. 147 is 2.472 Hectors with a total area applied is 4.776 Hectors (within 5 Hectors). Basing on this, the Cluster Proposal was approved for granting of EC by DEIAA on 01.05.2017.	
b)	Copies of Environmental Clearance of 2 quarries granted by DEIAA.	DEIAA granted only one Stone quarry vide letter no. 1732 Dated 21.12.2016, the other has been granted by SEIAA Dated 10.08.2021 attached as Annexure – II.	The other quarry which had been granted by SEIAA Dated 10.08.2021 is not attached as Annexure – II of the Compliance report.
c)	Mitigation plan for flying rocks during blasting in cluster.	Attached as Annexure – III.	complied
d)	Layout plan of garland drain and settling pond and silt management.	Attached as Annexure – IV.	complied
e)	Details of nearby structures in tabulated form.	Attached as Annexure – V.	complied
f)	Mohuda Solid Waste Management Plant of Berhampur Municipal Corporation is located around 170 meter away from the quarries. Permission from Berhampur Municipal Corporation for operation of stone quarries near to Mohuda Solid Waste Management	Copy of NOC from Berhampur Municipal Corporation is attached as Annexure – VI.	Copy of NOC from Berhampur Municipal Corporation is attached as Annexure-VI has been submitted with specific conditions.

- xiii) The SEAC in its meeting held on dated **12.07.2023**, decided to take decision on the proposal after receipt of the following information / documents from the proponent followed by a site visit by the Sub-Committee of SEAC.
- a) As stated by PP, copy of Environment Clearance letter of the other quarry which had been granted by SEIAA, dated 10.08.2021.
- xiv) The proposed site was visited by the sub-committee of SEAC on 10.07.2023. Following are the observations of the sub-committee:
- a) The lease area is located in the deep remote area with no habitation except some institutions/ infrastructure as listed below which fall within 1 Km radius.
- BeMC Solid Waste Management Plant
 - Bhairabi High School
 - Gram Bikash, Mohuda
 - Supriya Memorial SX Public School
- b) There are seven mines in this cluster. Out of which two are in operational at present as approved by DEIAA. The rest five are not operated at present as notice during field visit. One of the lessee named Swapna Behera has a crusher unit adjacent to Kusumi Stone quarry bearing Khata No 325, Plot No 147 and Plot No 166.
- c) There is no mining activity carried out in the lease areas applied for EC.

Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024



- d) There is road connectivity separately for each mine which falls within the lease area itself.
- e) Common Solid Waste Management Plant of BeMC has been established during the year 2021. Since then, no mining activities have been carried out in the lease area. So, it is pre-mature to say about the impact. However, the Commissioner, BeMC has issued NOC regarding operation of stone quarries near Mohuda Solid Waste Management Plant with certain conditions while operating the mines vide his Letter Dated 12.06.2023.

xxv) 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
i)	As stated by PP, copy of Environment Clearance letter of the other quarry which had been granted by SEIAA, dated 10.08.2021.	Copy of the EC granted by SEIAA vide Letter No. 2164/SEIAA Dated 10.08.2021 in respect of Mahuda Stone Quarry is attached as Annexure – I .

xxvi) Considering the information / documents furnished by the proponent and presentation made by the consultant **M/s P & M Solution, C-88, Sector 65, Noida** on behalf of the proponent, the SEAC approved the EIA/EMP report in cluster approach and recommended the following:

- (i) 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 17.08.2021 and the SEAC recommended cluster EIA & EMP proposal with opinion that the PP ask to submit individual EC application again.

- (i) The SEIAA, Odisha may consider to grant Environmental Clearance to individual lease for Kusumi & Mohuda stone quarries cluster without referring to SEAC with specific conditions as per **Annexure-A** after receipt of individual applications from the lessee in cluster along with following documents.
- a) Filled in form-I of individual lease
 - b) Prefeasibility report of individual lease
 - c) EMP of individual lease.
 - d) Approved Mining Plan of individual lease.
 - e) Report on vibration study.
 - f) DLC status of the lease area from concerned DFO as certified by the concerned Tahasildar.
 - g) 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.
 - h) 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.
 - i) 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.
 - j) Specific condition to be stipulated in EC of individual lease that “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”.
 - k) 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. Accordingly, specific condition to be stipulated in EC of individual lease.
 - l) Following specific conditions to be stipulated in EC of individual lease for operation of stone quarries near SWM project at Mohuda as suggested by Commissioner, Berhampur Municipal Corporation in its NoC issued vide letter no. 8247, dated 12.06.2023.



Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024

- m) Necessary Precautionary measure shall be taken to avoid any dangerous inside the Solid Waste Management Plant, during the blasting time (prevent dangerous situation from flying rocks during blasting time) and liquid blasting shall be done.
- n) Steps shall also be taken to avoid/ restrict the flying of crusher dust and deposit of the same within the Solid Waste Management Plant.
- o) Green corridor should be ensured between SWM plant and Quarry site.
- p) Life and safety of workers deployed in SWM plant and property shall be ensured at all times. If any hazardous situation occurs due to operation of Stone quarries, the lease will bear full responsibility regarding the same and NOC shall be withdrawn.
- q) Detail risk and hazard management procedure as per the **Annexure-B** shall be followed by the lessee.
3. The proposal was placed in the 137th meeting of SEIAA held on 26.09.2023 & 29.09.2023 and was decided as follows:
- (i) The Authority observed that EC has already been granted for two other quarries as individual sairat sources i.e Mohuda Stone Quarry over an area of 5.350 acres or 2.165 ha bearing Khata no. 669 Plot no. 1406 in village- Mohuda, Tahasil- Kukudakhandi, district Ganjam, State Odisha in favour of Sri Tushar Kant Dash issued by SEIAA, Odisha vide EC identification No. EC22B001OR141098 dt. 30.07.2022 and other sources Mohuda Stone Quarry over an area of 5.350 acres or 2.165 ha bearing Khata no. 669 Plot no. 1978(P) in village -Mohuda, Tahasi-l Kukudakhandi, district Ganjam, State Odisha in favour of Sri B. Balaji Reddy.
- (ii) The EC issued vide letter no. EC22B001OR141098 dt. 30.07.2022 contained specific conditions in point no. 7.7, page no. 05 that EC is liable to be cancelled/revoked if the submission of application in cluster is found to be incorrect / false in future.
- (iii) In view of the above the Tahasildar, Kukudakhandi to explain why the two EC issued in name of Mohuda Stone quarry vide letter no.EC22B001OR141098 dt. 30.07.2022 & 2164/SEIAA dt. 10.08.2021 shall not be cancel/revoked.
4. The proposal was placed in 138th SEIAA, Odisha meeting held on 10.10.2023 & 12.10.2023 and the Authority observed that there are 7 quarries in cluster, out of which EC has been granted by SEIAA to 2 (two) quarries based on false information submitted by PP that only two out of the seven quarries are coming in the cluster. In view of this the following decisions are taken:-
- (i) The two ECs i.e. Mohuda stone quarry of Sri Balaji Reddy vide letter no. 2164/SEIAA dt. 10.08.2021 and Mohuda stone quarry of Sri Tushar Kanta Dash vide EC Identification no. EC22B001OR141098 dt. 30.07.2022 issued by SEIAA is kept in abeyance.
- (ii) Show Cause notice be issued to the RQP i.e. Sri Amresh Rath, and NABET Consultant P&M Solution, Noida for furnishing wrong information to SEIAA.
- (iii)The TOR issued earlier for 5 quarries is amended to include two more quarries i.e. Mohuda stone quarry of Sri Balaji Reddy and Mohuda stone quarry of Sri Tushar Kanta Dash.
- (iv)The PP is required to revised the EIA/EMP report after conducting public hearing for the two quarries i.e. Mohuda stone quarry of Sri Balaji Reddy and Mohuda stone quarry of Sri Tushar Kanta Dash, for which EC has been issued without public hearing.
5. As per our EDS letter, the PP has modified the ToR application vide file no. SIA/OR/MIN/306205/2023 dt. 19.01.2024 and amendment of ToR was issued for 7 cluster stone quarries. The PP has modified the EIA & EMP on the basis of 7 cluster stone quarries followed by Public Consultation through Public Notices on 02.03.2024 in the Newspapers namely The Times of India in English and The Dharitri in Odia and the SPCB has mentioned in its proceeding letter no. 6836 dt. 06.05.2024 that no views/comments/objections have been received by the Board from any stakeholder during the notice period.

Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024

Decision of Authority: Approved

The Authority peruse the report of SPCB vide letter no. 6836 dt. 06.05.2024 mentioning that no view/comments/objection have been received by the Board from any stakeholders during the notice period of the Public Consultation.

After detailed discussion, the Authority approved the cluster EIA & EMP with a capital cost of Rs. 13.76 lakh and recurring cost of Rs. 13.60 Lakh/annum for 7 nos. of stone quarries in cluster.

Member Secretary, SEIAA

APPROVED BY

Member, SEIAA

Chairman, SEIAA



Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024

PARIVESH 1.0, AGENDA No.167.03

Proposal No.	SIA/OR/INFRA2/443135/2023
Date of application	10.11.2023
File no.	-
Project Type	New EC proposal
Category	B1
Project/Activity including Schedule No.	7(da) Bio-Medical Waste Treatment Facilities
Name of the Project	Proposal for EC for Proposed Common Biomedical Waste Treatment Facility (CBWTF) at Plot no. 155/1020 and 15/1025, Village: Jamapalli, Tehsil: Binika, District: Subarnapur, State: Odisha by M/s Bio-Tech Solutions.
Name of the company/Organization	Bio-tech Solutions Rajendra Kumar Sahu, Managing Partner
Location of Project	Village: Jamapalli, Tehsil: Binika, District: Subarnapur, State: Odisha
ToR Date	28.07.2022
Name of the Consultant	M/s. Gaurang Environmental Solutions Pvt. Ltd, Jaipur

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. Bio-Tech Solutions for Common Biomedical Waste Treatment Facility (CBWTF) at Plot no. 155/1020 and 15/1025, Village: Jamapalli, Tehsil: Binika, District: Subarnapur of Sri Rajendra Kumar Sahu.
2. **Category:** This project falls under Category "B" of Project activity 7 (da) - Development of Common Bio Medical Waste Treatment Facility projects as per EIA Notification dated 14th Sept, 2006 as its amendments.
3. **TOR details:** Terms of Reference was issued by SEIAA, Odisha vide letter No. 4959/SEIAA dated 28.07.2022 for the proposed project.
4. **Location and connectivity:** The proposed project is located at Plot No. 155/1020 and 15/1025, Village: Jamapalli, Tehsil: Binika, District: Subarnapur, State: Odisha. The geographical co-ordinates of project site are 21° 5'20.87"N to 21° 5'21.12"N and 83°45'41.75"E to 83°45'45.60"E. it falls under Toposheet no.: 64O12, 64O16, 64P9 & 64P13. The nearest residential area is Village: Jamapalli at 600 m towards SW direction and nearest town is Binika town at 10 km towards SSE direction. The nearest highway is NH-126A at a distance of 1.18 Km in North Direction. The nearest Railway Station is Dungleipalli Railway Station at a distance of 22.0 Km in West direction. The nearest Airport is Veer Surendra Sai Airport, Jharsuguda at 96 KM NNE direction & Biju Patnaik International Airport, Bhubaneswar at 232Km SE direction. The nearest water bodies are Jira River: 5.0 Km NE Direction, Mahanadi River: 7.5 Km SE Direction and Choki Nala: 7.5 Km S Direction. The nearest reserve forest is Singhijuba RF: 1.30 Km SW Direction, Ghatasan RF: 8.0 Km SE Direction and Bishalbari PF: 9.0 Km S Direction.
5. There are no National Park/Wildlife Sanctuary/ Eco-sensitive zone are within 10 km radius of the Project Site.
6. **List of Statutory Clearances:**
 - a. Consent to establish has been obtained vide consent no. 6053/IIICON (NOC)/164/2021-22 dated 18.11.2021.
 - b. Letter from DFO obtained vide office order no. 289/4F (Misc) dated 30.11.2021.

Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024



7. **Public hearing details:** The Public hearing was conducted successfully on 28.06.2023 at 10.00AM in the weekly market ground of Sanindpur village.
8. **Baseline study conducted:** Baseline study was conducted during Pre-Monsoon season of 2022 i.e. from 1st March 2022 to 31st May 2022.
 - a) **Ambient Air monitoring:** - PM₁₀ is within range of 50 µg/m³ to 70.4 µg/m³, PM_{2.5} is within range of 30.5 µg/m³ to 44.5 µg/m³, SO₂ is within range of 11.2 µg/m³ to 23.7 µg/m³ and NO_x is within range of 12 µg/m³ to 27.3 µg/m³.
 - b) **Water quality monitoring:** The result of surface water samples collected shows that the pH varies from 7.53 to 7.79, Total Hardness varies from 197.26 to 716.82 mg/l, Total Dissolved Solids varies from 341 to 862 mg/l, BOD varies from 10.0 to 29.0 (mg/l), COD varies from 24.21 to 67.0 (mg/l). The result of ground water samples collected shows that the pH varies from 7.52 to 7.75, Total Hardness varies from 149.38 to 226.79 mg/l, Total Dissolved Solids varies from 270 to 381 mg/l and Flouride content varies from 0.2 mg /l. to 0.23 mg/l.
 - c) **Ambient Noise monitoring:** Minimum and maximum noise levels recorded during the day time were from 48.86 Leq Db and 53.18 Leq Db respectively and minimum and maximum level of noise during night time were 39.76 Leq Db and 43.72 Leq Db.
 - d) **Soil monitoring:** The pH of the samples ranged from 7.25 to 7.41, which is slightly to moderately alkaline, Organic matter ranges from 0.29% to 0.45%, the concentration of Nitrogen ranges from 143.56 Kg/ha to 190.84 Kg/ha, Phosphorus ranges from 11.67 Kg/ha to 27.11 Kg/ha and Potassium ranges from 176.11 Kg/ha to 201.94 Kg/ha
9. **Water requirement:** The total water requirement for the proposed project will be 9 KLD (Fresh water 5.5 KLD + Treated water 3.5 KLD). Water will be sourced from Ground Water. Out of the total water requirement 3.5 KLD will be used for washing purpose i.e. vehicle washing & area washing, 2.0 KLD will be used for the scrubber, 1.5 KLD will be used for the Domestic consumption and 2.0 KLD will be used for the Greenbelt development.
10. **Wastewater details:** Total effluent generation would be 5.0 KLD which will be treated with the help of ETP and the treated water will be used for Greenbelt development, Scrubber and Washing. Domestic waste water will be treated with the help of the Septic tank followed by Soak pit.

Sl. No.	Particulars	Water Requirement (KLD)	Fresh Water	Treated Water	Effluent Generated	Treatment
1.	Vehicle Washing	3.0	2.0	1.0	3.0	6 KLD of ETP with ZLD Concept is Proposed for Wastewater treatment
2.	Scrubber	2.0	2.0	-	2.0	
3.	Greenbelt	2.0	-	2.0	-	
4	Area Washings	0.5	-	0.5	-	
5	Domestic	1.5	1.5	-	-	Septic Tank followed By Soak pit
Total		9.0	5.5	3.5	5.0	

11. **Power requirement and solar power details:** Total power requirement for the proposed project would be approx. 150 kVA which will be sourced from TP western Odisha Distribution Limited (TPWODL). Additionally 1 No. of DG set will be provided of capacity 75kVA to be used in case of power supply failure/emergency.



Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024

12. **Solar Power generation:** About 3000 sq. ft. roof top area will be there, which will be used for installation of solar panels for generation of 15 kVA electricity generation which will be 0.1% of the total power consumption.
13. **Rainwater harvesting details:** As the proposed facility is for management of infectious biomedical waste, there are possibilities rainwater getting contaminated at site hence rain water recharge pits shall not be installed. Proper storm water drainage system shall be laid to ensure and prevent any contamination before disposal into natural drain or collection tank for its use for washing or maintaining green areas.
14. **Solid waste generation:** Municipal Solid waste of quantity approx. 3.75 kg/day will be generated (considering 0.125 kg/person). Hazardous waste like Used oil (0.5 TPA), Incineration waste (15-20 kg/hr) and ETP sludge (80-100 kg/month) of hazardous waste will be generated.
15. **Mitigation of solid waste produced:** Municipal solid waste will be segregated into organic and inorganic waste. Organic waste will be managed by composting whereas inorganic waste will be sent to authorize waste management agency.

Schedule	Type of the Hazardous waste	Quantity	Mode of Disposal
5.1	Used Oil	0.5 TPA	Reused as lubricant in plant and machinery/ send to authorized recyclers.
36.2	Incineration Ash	15-20 Kg/hr	Send to TSDF site for land filling.
34.3	ETP Sludge	80-100 Kg/Month	Send to TSDF site for land filling.

16. **Greenbelt development:** Green belt will be developed over 33.36% area of the total plant area. Out of the 1.058 acre of the plant area, 0.353 acre will be developed for plantation. Considering 2500 nos of trees per ha, this CBWTF area will require 358 trees for raising greeneries around the unit. Hence, we are proposing total 360 trees. A budget of approx. Rs. 1.05 Lakh has been kept for green belt development.
17. **Total Employment:** Total 30 persons are proposed to hire for plant operations including officers, skilled and unskilled workers.
18. **Project cost:** The estimated project cost is 1.90 Crores and capital cost for EMP is 34.05 lakhs and recurring cost is 5.85lakhs.

Details of CER activities

Sr. No.	Activities	Budgetary Details (in lakhs)
1.	Providing infrastructure facilities such as beds, medical instruments etc. to the medical centres in Adampur government hospital	1.0
2.	Distributions of Dust Bins and arrangement of Garbage disposal to local authorities.	0.20
3.	Solar light installation at village	1.0
Total		2.20

Details of EMP activities

Sr. No.	Particulars	Capital Cost (In Lakhs)	Recurring Cost (In Lakhs)
1	Solid & Hazardous Waste management	5.0	1.5
2	Water and Waste water management	10.0	2.0
3	Air Pollution Control & Monitoring System	15.0	1.5
4	Greenbelt Development	1.05	0.35
5	Occupational Health & safety, Fire Protection measures	3.0	0.50
Total		34.05	5.85

Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024



19. **Environment Consultant:** The Environment consultant M/s **Gaurang Environmental Solutions Pvt. Ltd., Jaipur** along with the proponent made a presentation on the proposal before the Committee on 02.12.2023.

20. The SEAC in its meeting dated **02-12-2023** decided to take the decision on the proposal after receipt of the following from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
i)	Permission from local authority for settling up of the proposed project.	Permission from the local authority i.e., Gram panchayat NOC is enclosed herewith as Annexure 1 .	submitted
ii)	Submit a detailed layout of the proposed project showing all process, materials storage, and handling units.	Detailed plant layout demarcating the process area, entry/exist. Vehicle washing area, Greenbelt etc. has been enclosed as Annexure 2 .	Submitted
iii)	Regarding disposal of the incinerator ash it is mentioned as landfill in the online documents. However, during the presentation it was mentioned for disposal at M/s. Re-Sustainability limited site (TSDF). The proponent needs to submit clarification in this regard.	No land filling has been proposed at the site. The Ash generated from incinerator will be handed over to the nearest TSDF site.	-
iv)	Precautionary measures shall be undertaken for protection of adjacent agricultural lands and nearby school located at 400m, distance.	Details of precautionary measures to be implemented for protection of adjacent agricultural lands and nearby school located at 400m distance are enclosed as Annexure 3 .	complied
v)	A buffer zone of 500m needs to be demarcated around the project site as per CPCB guidelines.	Map demarcating buffer zone of 500m around the project site is enclosed as Annexure 4 .	complied
vi)	Details of the wastewater treatment system/technology adopted with inlet and outlet water parameters.	Details of the wastewater treatment system/technology proposed to be installed along with (As it is s proposed Greenfield project) outlet water parameters are enclosed as Annexure 5 .	complied
vii)	Precautionary measures to be undertaken during transportation of the biomedical waste as well as their storage and handling from their source of generation.	Precautionary measures proposed to be implemented for transportation of biomedical waste as well as their storage and handling from their source of generation is enclosed as Annexure 6 .	complied
viii)	Specific measures to be followed by the M/s. Re-Sustainability limited for handling the incinerator waste for disposal.	The details of clarification for disposal of the Incineration waste at M/s Re-Sustainability limited are enclosed as Annexure 7 .	complied
ix)	Precautionary measures followed for storing the diesel at the project site.	Diesel will be stored at project site following below mentioned precautionary measures. 1. Diesel will be stored in drums under covered storage.	-

Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024



		<ol style="list-style-type: none"> 2. Only trained and experienced personnel will be deployed for handling operations of Diesel. 3. All safety precautions will be taken at the storage area of the Diesel. 4. Fire protection measures and fire extinguishers will be provided at the area. 5. Emergency evacuation and response plan will be made and will be implemented in case of emergencies. 	
<p>x)</p>	<p>The proposed site is located within 75 K.M. from another existing CBWTF at Balangir. A petition has been received from the proponent of CBWTF at Balangir not to allow this proposed CBWTF at Binika, Dist. Subarnapur as same is not confirmed to the siting criteria as per CPCB guidelines. The PP has to clarify as to why this proposal shall not be rejected due to non-confirm to the siting criteria. A detailed writeup in this regard shall be submitted.</p>	<p>Detailed write-up in regards of the proposed site located within 75 K.M from another existing CBWTF at Balangir is enclosed as Annexure 8. The project proponent has clarified the following:</p> <ul style="list-style-type: none"> • Distance from other CBWTFS is not less than 70 kms. • In this point there are other CBWTFS in other states are very nearest, and those comes under same district of a state nearing about 2 kms distance on road way and those have been granted with the “Environment Clearance” for set up of CBWTF and the detailed are presented in the next points showing the nearest CBWTFS within the radius of 70 kms. On road way where the air distances will be naturally less than road ways. The next point table shows the clear idea about the nearer to nearest CBWTFS has been operating and has obtained EC. 	<p>Justification submitted</p>
<ol style="list-style-type: none"> 2. Whether SEAC recommended the proposal –Yes, the proposal was placed in the SEAC meeting held on 30.01.2024 and the SEAC After detailed discussion, the SEAC recommended to return the proposal to SEIAA, Odisha with a request to seek clarification from CPCB, Delhi whether EC can be granted to this CBWTF as per clarification given by the project proponent indicating that EC has been granted in other CBWTF of other State within a distance of 2 kms from another CBWTF. 3. The proposal was placed in 163rd SEIAA, Odisha meeting held on 18.04.2024 & 19.04.2024 and after detailed deliberation in the matter, the authority decided to seek clarification / information on the following: <ol style="list-style-type: none"> (i) The PP is required to explain why the application shall not be rejected in terms of the Common Biomedical Waste Treatment and Disposal Facility Guidelines, 2016 of CPCB. 4. The PP has submitted ADS reply vide letter no. 32/BTS/2024 dt. 02.05.2024. 			

Minutes of 167th Meeting of SEIAA, Odisha held on 03.06.2024



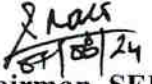
Decision Of Authority: Referred back to SEAC

After detailed deliberation in the matter, the Authority decided that the proposal be Referred back to SEAC for their considered views on the ADS reply of the PP.

APPROVED BY


Member Secretary, SEIAA


Member, SEIAA


Chairman, SEIAA