

**PROCEEDINGS OF THE MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE,
ODISHA HELD ON 28TH OCTOBER 2025**

The SEAC met on 28TH October, 2025 at 10:30 AM in the Conference Hall of Odisha State Pollution Control Board, Bhubaneswar under the Chairmanship of Sri Sashi Paul. The following members were present in the meeting.

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| 1. Sri Sashi Paul | - | Chairman (through VC) |
| 2. Smt. Uma Nanduri | - | Member Secretary |
| 3. Dr. Rabi Narayan Patra | - | Member (through VC) |
| 4. Dr. Chittaranjan Panda | - | Member |
| 5. Prof. (Dr.) H.B. Sahu | - | Member (through VC) |
| 6. Prof. (Dr.) Abanti Sahoo | - | Member (through VC) |
| 7. Er. Fakir Mohan Panigrahi | - | Member (through VC) |
| 8. Prof. (Dr.) B.K. Satpathy | - | Member |
| 9. Shri Jayant Kumar Das | - | Member |
| 10. Dr. Ashok Kumar Sahu | - | Member |
| 11. Dr. K. C. S Panigrahi | - | Member (through VC) |

Draft proceedings of the meeting was finalized by the members through e-mail and final proceedings of the meeting was confirmed by the members through e-mail. The agenda-wise proceedings and recommendations of the committee are detailed below.

ITEM NO. 1

PROPOSAL FOR AMENDMENT OF ENVIRONMENTAL CLEARANCE OF M/S TRIDENT PROPERTIES PRIVATE LIMITED FOR RESIDENTIAL APARTMENT BUILDING OVER AN BUILTUP AREA 70174.61 SQM AT PAIKARAPUR, BHUBANESWAR, DIST- KHURDA OF MV SHASHI KUMAR – MOD EC.

1. This proposal is for amendment of Environmental Clearance of M/s Trident Properties Private Limited for Residential Apartment Building over a built-up area 70174.61 sqm at Paikarapur, Bhubaneswar, Dist- Khurda of MV Shashi Kumar.
2. **Category:** As per EIA Notification, 2006 and its subsequent amendments, the proposed project falls in category B under Schedule in activity 8 (a)- Building & Construction Project.
3. Earlier, Environment Clearance from SEIAA, Odisha was obtained vide letter no. 6361/SEIAA & File No. 27973/14-NCP-V/06-2018, dated 30.11.2018 for Proposed Construction of Residential Apartment Building located at Mouza - Paikarapur, Bhubaneswar, Dist- Khurda, Odisha.
4. Consent to Establish (CTE) has been obtained from OSPCB vide letter no. 13094/IND-II-CTE-6533, dated 28.07.2022.
5. BDA has approved the building plan vide letter no. 3446/BDA, Bhubaneswar, dated 06.02.2020. Revised BMC approval vide letter no. 20376/BMC, dated 27.04.2023.

6. Certified EC Compliance report of existing EC has been obtained from IRO Bhubaneswar vide letter no. 109-71/EPE/573, dated 09.06.2023.
7. The total FAR area of the project is 70,174.61 sqm.
8. **Justification of amendment:** The proponent proposes to amend the existing Environment Clearance because of decrease in the number of dwelling units by converting some blocks with 1 BHK & 2 BHK units to 3 BHK units, thus reducing the building footprint and built-up area. The proponent is converting 1 large block consisting 166 (EWS 1 BHK) units into 2 smaller blocks consisting of 16 (3 BHK) units each total 32 units reduction in built-up area. Further, they seek an amendment in the built-up area from 70,174.61 sqm to 84,228.65 sqm because in the previous Environment Clearance Stilt parking area of 18638.85 sqm that was not added to the FAR area of 70174.61 sqm total built up area being 88813.36 sqm.
9. **Location and connectivity:** The proposed site is located at Paikarapur, Bhubaneswar, Odisha. The Geographical coordinate of the project site is bounded by Latitude - 20° 15' 40.20" N & Longitude - 85° 44' 53.19" E. National Highway (NH-16) connecting Howrah-Chennai is about 3 Km away from the project site. The East Coast railway line runs at a distance of about 15 km from the project site. The Biju Patnaik Airport, Bhubaneswar is at a distance of about 13 Km from the project site.

10. Comparative statement of area details of the project:

Particular	As per Existing EC	Amendment of EC
Plot Area	42711.57 sqm	42095.4 sqm
Ground Coverage	17230.68 sqm (40.34%)	17230.68 sqm (40.34%)
Total FAR Area	70174.61 sqm	66824.76 sqm
Stilt Parking	18638.85 sqm	18749.30 sqm
Road Area	12013.56 sqm	19857.92 sqm
Open Parking	1310.34 sqm	2219.84 sqm
Total Parking Area	19949.19 sqm	20969.14 sqm
Green Belt Area	9715.93 sqm (22.74%)	9877.63 sqm (23.5%)
No. of Unit	500 + 166 EWS = 666 Nos.	580 Nos.
Total Builtup Area	FAR Area- 70174.61 sqm Stilt Parking- 18638.85 sqm Total Builtup Area- 88813.46 sqm	85574.06 sqm

11. **Power requirement:** The daily power requirement for the Residential apartment building is preliminarily assessed as 4607 KW (to be revise after ADS submission) source from TPCODL.

To meet emergency power requirements during the grid failure, there is provision of DG set having 1x125 KVA + 1x15 KVA + 1x200KVA + 1x40 KVA + 1 x45 KVA capacity for power back up in the project.

12. **Water requirement:** Fresh make up of 304.1 KLD will be required for the project which will be sourced from Ground Water. Fresh Water consumption for the Residential People 3270 @ 90 lpcd = 294.3 m³ /day, Flushing for Residential People 3270 @ 45 = 147.15 m³ /day, Fresh Water Consumption for Floating People will be 327 nos @ 30 = 9.8 m³ /day, Flushing for Floating People will be 327 @ 15 LPCD = 4.9 m³ /day, for dust suppression and landscaping the required water will be 22.3 m³ /day and 15.5 m³ /day respectively.

Sl. No	Description	Total Population	Per Capita Consumption (ltr/day)	Total Water Requirement (KLD)
1.	Residential Population	3270 nos	90	294.3
2.	Floating Population	327 nos	30	9.8
TOTAL				304.1

13. **Wastewater management:** It is expected that the project will generate approx. 364.92 m³/day of wastewater. The wastewater will be treated in the STP of capacity of 400 m³/day provided within the complex. Out of which 214.85 m³/day (to be revise after ADS submission) will be recycled within the project for flushing (152.05 m³/day), landscaping (38.8 m³/day), Dust Suppression (24.0 m³/day), STP loss (20.0 m³/day) & 130.07 m³/day will be discharged to drain in case of non-monsoon period.
14. **Rainwater harvesting details:** Total runoff load from the project site will be 2056.21 m³/hr. Volume of each Recharge pit = 4m x 4m x 6m = 96.0 cum (approx.). So, No. of pits required= 2056.21 /96 = 21.4 say 22 nos. Total no. of Rain Water Harvesting pit provided for the proposed project is 22.0 Nos.
15. **Green belt development:** Green belt will be developed over an area of 9877.63 sqm (23.5 %) of the plot area; by using the local species like Radhachuda, Nageswar, Akash, Neem, Ashok, Polanga, Karang, Bela, Pijilu, Kaniara, Tagar, Hena, etc.
16. **Solid waste management:** From the hotel complex solid waste in form of food waste from kitchen and miscellaneous waste will be generated @ 0.4 kg/person/day, which will be about 1308.0 kg/day. The generated solid waste from the hotel complex will be segregated as biodegradable and non-biodegradable. This will be collected in separate-colored bins. Proper waste management practices will be adopted during the collection, storage and disposal of the generated solid waste and construction and demolition waste. Solid waste from sweeping and Dry Garbage containing non-biodegradable wastes like polythene bags, metal, ceramic Waste, glass etc. shall be stored in separate garbage bin and send to approved recyclers.

S. No.	Category	Counts (heads)	Waste generated (kg/day)
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1.	Residents	3270 @ 0.4 kg/day	1308.0
2.	Road sweeping	3270 @ 0.1 kg/day	327.0
3.	STP Sludge	--	183.0
	Total		1818.65

Parking Details:

Parking Area Provided			
Stilt parking			18749.3 sqm
Open parking			2219.84 sqm
Total Parking			20969.14 sqm
Equivalent car space Provided			
	Area(sqm)	Area/ECS	
Stilt Parking	18749.3	28	670.0
Open Parking	2219.84	25	89.0
Total Parking Provided			759 ECS

17. **Project cost:** Total cost estimated for the proposed project is Rs 125.0 Crores. EMP cost includes Capital Cost of Rs. 110 Lakhs and recurring cost of 11 lakhs.

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

19. The SEAC in its meeting held on dated **05-07-2023** recommended the following:

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

- i) Land documents of deleted and added up land for the proposed modification along with the ownership details and Kisam with its documentation.
- ii) Clarification on width of the road (EWS) and its percentage in terms of land used in the total project area.
- iii) Comparative statements of all the physical and environmental parameters in tabular form of both previous project for which EC obtained and proposed modification for which EC applied.
- iv) Ensure the difference between the reduced level of bottom of rain water harvesting pit and ground water and submit the report. It should be ensured that a proper gap/difference in level is maintained.
- v) Power requirement - 800 KW mentioned in presentation and 4607 KW in Form-I. Which one is correct shall be clarified.

- vi) Waste water generation - 344.92 m³/day mentioned in Brief summary and 214.85 m³/day in presentation. Which one is correct shall be clarified.

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

- i) Environmental settings of the project site.
- ii) To ensure how much construction activities has been completed.
- iii) Road connectivity to the project site.
- iv) Drainage network at the site.
- v) Discharge point for discharge of treated waste water and distance of the discharge point from the project site.
- vi) Any other issues including local issues.

20. 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)	Land documents of deleted and added up land for the proposed modification along with the ownership details and kisam with its documentation.	Land documents of deleted & added up land is attached in Annexure-1 .	ROR submitted
ii)	Clarification on width of the road (EWS) and its percentage in terms of land used in the total project area.	EWS block was provided with 6-meter wide road all around percentage groundcoverage 3.6%. Revised to 2 Blocks 1.44% groundcoverage respectively both together 2.88%, provided with 6-meter-wide road all around each block.	-
iii)	Comparative statements of all the physical and environmental parameters in tabular form of both previous project for which EC obtained and proposed modification for which EC applied.	Comparative Statement of the building is attached in Annexure-2 .	complied
iv)	Ensure the difference between the reduced level of bottom of rain water harvesting pit and ground water and submit the report. It should be ensured that a proper gap/difference in level is maintained.		The query raised has not complied by PP.

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
v)	Power requirement – 800 KW mentioned in presentation and 4607 KW in Form-I. Which one is correct shall be clarified.	The Power requirement of the project is 800.0 KW. The comparative statement is attached in Annexure-2 .	-
vi)	Waste water generation - 344.92 m ³ /day mentioned in Brief summary and 214.85 m ³ /day in presentation. Which one is correct shall be clarified.	Total waste water generation of the project is 381.8 KLD & the capacity of STP is 400 KLD. The comparative statement is attached in Annexure-2 .	-

21. The proposed site was visited by the sub-committee of SEAC on **21.08.2023**. Following are the observations of the sub-committee:

- a) The PP and the team explained the Layout of the site in presence of the Consultant.
- b) It was informed that due to the TP plan of the Govt, the PP had to surrender a block and relocate at another place with the same plan as per approval. Similarly, the buildings marked for EWS has been cancelled and in its place 2 blocks with new design have been proposed.
- c) It was observed that minor construction activity has been started in the block of EWS (Soil Excavation Foundation) and the new shifted block. PP may be asked to clarify why this cannot be considered as a Violation case? All other units are being constructed as per plan (S+4) as informed by PP.
- d) The PP informed that above are as per the revised plan obtained from BDA/BMC. The PP was informed to submit the copy of revised plan vetted by the authority and revised layout marking the changes and also land record (power etc) for the new relocated block.
- e) The site has approach road and the PP explained that they have to construct the drain till the Nallah as per the permission they have and is a part of EID. The PP was asked to submit the layout and permission letter in support of the drain beyond their land till the Nallah.
- f) Green belt is partly developed and they need to comply the norm including all conditions stipulated in EC earlier given.
- g) Since there will be 4 DG set and each will have stack separately, a lay out with calculation of stack height as per norm to be provided.
- h) The land was near low lying area. The PP needs to develop the project in a manner so that there will be no water logging.
- i) All other points asked during presentation to be submitted.

22. The SEAC in its meeting held on dated **13-11-2023** decided to take the decision on the proposal after receipt of the following information/documents from the proponent:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
1.	Ensure the difference between the reduced level of bottom of rain water harvesting pit and ground water and submit the report. It should be ensured that a proper gap/difference in level is maintained.	Detail feasibility report of proposed rain water harvesting pits and hydro geological status of the site is attached in Annexure - 1 .
2.	It was observed that minor construction activity has been started in the block of EWS (Soil Excavation Foundation) and the new shifted block. PP shall clarify why this cannot be considered as a Violation case? All other units are being constructed as per plan (S+4) as informed by PP.	We had approval from BDA for 13 blocks of S+4 residential apartments and 1 block of G+1 society building which included the EWS block. We had started the construction of the EWS block. We halted the construction of the EWS block at foundation on receipt of notification that Govt land will be allocated by BDA for construction of EWS building, we have applied for and obtained the revised building plan by converting the single EWS block into 2 blocks of regular apartment and applied for revised EC for 15 Blocks of S+4 residential apartments and 1 block of G+1 society building. The construction observed in the new shifted block was piling work for the revised boundary wall.
3.	The PP informed that above are as per the revised plan obtained from BDA/BMC. The PP needs to submit the copy of revised plan vetted by the authority and revised layout marking the changes and also land record (power etc.) for the new relocated block.	Revised permission has been obtained from Bhubaneswar Municipal Corporation vide letter no. 2037/BMC, dated 27.04.2023 (Revised BMC permission is attached in Annexure -2). BMC approved building layout plan is attached in Annexure-3 . Previous building master plan is attached in Annexure-4 and revised master plan with marking the changes is attached in Annexure-5 . Development Agreement and General Power Attorney for the new relocated block is attached in Annexure -6 .
4.	The site has approach road and the PP explained that they have to construct the drain till the Nallah as per the	Drainage plan has been vetted by Bhubaneswar Development Authority vide letter no. 681/EM/BDA, Bhubaneswar, dated

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent
	permission they have and is a part of EIDP. The PP needs to submit the layout and permission letter in support of the drain beyond their land till the Nallah.	25.09.2025. Copy of letter from BDA regarding storm water drain connected to the Nallah is attached in Annexure -7 .
5.	Since there will be 4 DG sets and each will have stack separately, a lay out with calculation of stack height as per norm to be provided.	The height of the building is 14.95 m and the stack height of the DG set is 17.50 m which is 2.55 m above from the building height. A Layout plan showing the DG location with stack height is attached in Annexure-8 .

23. **The SEAC in its meeting dated 01-05-2024** recommended for grant of Environmental Clearance valid for 10 years with stipulated conditions as per **Annexure – F** in addition to the following specific conditions.

- i) The Proponent before implementation of the project shall convert the land to Gharabari and shall take the ownership of the land if not already taken.
- ii) 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.
- iii) The proponent shall use solar energy at least to the tune of 5% of total power requirement as proposed.
- iv) The proponent shall obtain permission from concerned Fire Safety Authority.
- v) The proponent shall obtain permission from Water Resources department, Odisha for use of ground water.
- vi) Trees located within the project area shall be transplanted to alongside the boundary green development area.
- vii) The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.
- viii) The project proponent shall maximise utilisation of treated water in flushing, plantations and ground washings etc. as per need to reduce water discharge to drain. This shall be verified in future compliance report.
- ix) The PP will not commence construction unless the drain lay out is finalized and permission given for the same by the authority to discharge excess treated water & storm water.
- x) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.

24. The decision of SEIAA against this file no. is not showing in Parivesh 1.0 portal.
25. As per the cover letter submitted by PP with proposal no. SIA/OR/INFRA2/532857/2025 states that they had applied for Amendment of EC in Parivesh 1.0, and the same was recommended for the grant of Environmental Clearance valid for 10years as per the proceedings of the SEAC Meeting held on dated 01-05-2024 (Old Proposals – compliance received).
26. In SEIAA letter Dated 26th July 2021, Project Proponent were directed to obtain the closure report to the certified compliance report submitted by the IRO, Bhubaneswar vide letter No.187-71/EPE/573 dated 09.06.2023. As a period of 1 year had lapsed from the period of submission of the IRO, PP had applied for a re-inspection and an updated report was submitted by the IRO, Bhubaneswar vide letter No. 109-71/EPE dated 03.02.2025 with observations, we have submitted our compliance to the observations vide our letter dated 13.02.2025.
27. In the meantime, the online portal Parivesh 2.0 has been introduced as the project had been delisted from Parivesh 1.0, they had directed to apply a fresh in the Parivesh 2.0.
28. As per the subject mentioned in the cover letter, the proposal was sent to SEIAA to decide the proposal since the SEAC had recommended the proposal in its meeting 01-05-2024.

REASON FOR REFERRED BACK FROM SEIAA:

29. The proposal was placed in the 223rd meeting of SEIAA and after detailed deliberation, the authority decided to refer back the proposal to SEAC for detailed examination on the following points and their considered view.
1. The Regional Office, MoEF&CC in their letter dated 03.02.2025 has mentioned in the CCR that the construction activity of the project is in final stage of completion.
 2. EC has been granted on 30.11.2018 for a total built up area of 70174.61m². The PP has taken up construction work over a total built up area of 84228.65 m² as per the letter no. 20376/BMC dated 27.04.2023 of BMC.
 3. The ADS raised by SEIAA in its meeting dated 24.06.2024 has not been complied by PP.
 4. The increase in the built-up area and splitting into different blocks without amending the EC amount to violation.

After detailed discussion the SEAC decided to take decision on the proposal after receipt of above information and documents from the project proponent:

- a. The statement- "Construction activity is in the final stage" of construction is a qualitative statement, needs to be supported by figures and supporting documents as this is an old case of 2022.
- b. The figures mentioned in para 29, point no. - 2 are the proposal at application stage and site visit stated that only soil excavation initiated. Current construction situation needs to be ascertained along with a summary of earlier proposed built up areas and proposed as per Mod EC. As per observation, the stilt parking which was there but not added in the built up area in earlier EC application is added in the proposed EC and that makes the major difference.

- c. The PP needs to clarify the observations of SEIAA as outlined above in para 29, points no.1-4.

30. The SEAC in its meeting held on dated **09.09.2025** decided to take decision after receipt of the following information and documents from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
1.	The statement- "Construction activity is in the final stage" of construction is a qualitative statement, needs to be supported by figures and supporting documents as this is an old case of 2022.	Area approved as per Environmental Clearance is 70714.61 sqm. Area constructed as on date is 66824.75 sqm.	Complied
2.	The figures mentioned in para 29, point no. - 2 are the proposal at application stage and site visit stated that only soil excavation initiated. Current construction situation needs to be ascertained along with a summary of earlier proposed built up areas and proposed as per Mod EC. As per observation, the stilt parking which was there but not added in the built-up area in earlier EC application is added in the proposed EC and that makes the major difference.	We obtained EC vide letter no: 6361/SEIAA, dated 30.10.2018, for total built up area 70174.52 sqm, which is actually the FAR area. The stilt parking area of 18,638.85 sqm though part of the proposal was erroneously omitted, which on inclusion would bring the total built up area to 88,813 sqm. We have applied for modified EC with the inclusion of stilt parking area for a total built-up area (FAR area 66,824.76 sqm + 17,403 sqm stilt parking area) of 84,813.37 sqm. Which signifies that there is a reduction of 4584.72 sqm in the total built up area. EC was granted for 500 LIG units + 166 EWS units total no units 666. The application for modified EC is for 580 units a reduction of 86 units corresponding to a reduction of 4584.72 sqm in the built-up area.	Complied
3.	The PP needs to clarify the observations of SEIAA as outlined above in para 29, points no.1-4.	Point wise compliance for para 29, Point No.1 to 4 is given below.	Complied
Point wise compliance for Para 29, Point No.1 to 4 of SEIAA Meeting			

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
1.	The Regional Office, MoEF&CC in their letter dated 03.02.2025 has mentioned in the CCR that the construction activity of the project is in final stage of completion.	Area approved as per Environmental Clearance is 70714.61 sqm. Area constructed as on date is 66824.75 sqm.	Complied
2.	EC has been granted on 30.11.2018 for a total built up area of 70174.61 sq.mtrs. The PP has taken up construction work over a total built up area of 84228.65 sq mtrs. as per the letter no. 20376/BMC dated 27.04.2023 of BMC.	We obtained EC vide letter no: 6361/SEIAA, dated 30.10.2018, for total built up area 70174.52 sqm, which is actually the FAR area. The stilt parking area of 18,638.85 sqm though part of the proposal was erroneously omitted, which on inclusion would bring the total built up area to 88,813 sqm. We have applied for modified EC with the inclusion of stilt parking area (FAR area 66,824.76 sqm + 17,403 sqm stilt parking area) of 84,813.37 sqm. Which signifies that there is a reduction of 4584.72 sqm in the total built up area.	Complied
3.	The ADS raised by SEIAA in its meeting dated 24.06.2024 has not been complied by PP.	We had complied to the ADS raised vide SPCB letter no 9152/Ind-Con-4023-24, dated 24.06.2024 addressed to the Chief Scientist, SPCB. BBSR copy of letter enclosed at Annexure-1 . Regarding public compliant. However, we missed marking a copy to SEIAA. The same has been submitted vide email dated 03.10.2025 to SEIAA.	Complied
4.	The increase in the built-up area and splitting into different blocks without amending the EC amount to violation.	As mentioned in the EC. EC was granted for 500 LIG units + 166 EWS units total no units 666. The application for modified EC is for 580 units a reduction of 86 units corresponding to a reduction of 4584.72 Sq. Mtrs in the built-up area. No splitting has been done, the EWS houses were converted as	In compliance report attached in letter to MoEF the PP has admitted to splitting of block B1 and B2 and changing the configuration from 1 BHK to 3 BHK. Work is completed.

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
		LIG Houses without increase in built up area, rather there is reduction in Built up area. A reduction in the built-up area we pray should not be considered as a Violation.	

After detail discussion the SEAC decided to take decision on the proposal after receipt of following clarification/information from the Project Proponent.

a) In the inspection report of MoEF& CC, it is mentioned that there is splitting of block B into B1 and B2 and changing the configuration from 1 BHK to 3BHK and work is completed, whereas in compliance report submitted by PP has mentioned that no splitting is done, which needs clarification.

ITEM NO. 02

PROPOSAL OF ENVIRONMENTAL CLEARANCE OF M/S R K INDUSTRIES FOR MAGURBEDA DECORATIVE STONE MINE OVER AN AREA OF 36.70 ACRES OR 14.852 HECTARES IS LOCATED IN VILLAGE MAGURBEDA UNDER LOISINGHA TAHASIL OF BALANGIR DISTRICT OF SRI RASHMI KANTA LENKA – EC

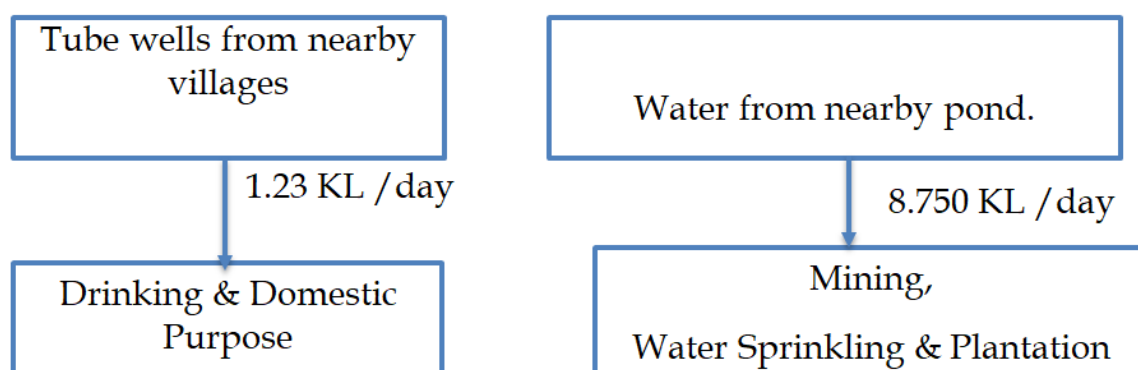
1. This proposal is for Environmental Clearance of M/s R K Industries for Magurbeda Decorative Stone Mine over an area of 36.70 acres or 14.852 hectares is located in village Magurbeda under Loisingha Tahasil of Balangir District of Sri Rashmi Kanta Lenka.
2. **Category:** This project falls under Category “B” under Schedule 1(a) “Mining of Minerals” as per EIA Notification dated 14th Sept, 2006 and its amendments.
3. Conditional Mining Lease (LOI) granted by Department of Steel and Mines, Govt. of Odisha letter no. SM-MC3-ML-0003-2024/701 dated 24.01.2024 and Mining Lease Holder name full address: M/s R.K. INDUSTRIES. Prop- Rashmi Kanta Lenka, Room No 1/62, Maa Barabhuja Mall, Khandagiri, Bhubaneswar-751030
4. The mining plan was approved by Directorate of Mines, Govt. of Odisha vide letter No. MGXXIV (b) – 12 /2024/5340/DoMG. on dated 18.05.2024 valid upto 5 years from the date of lease deed execution.
5. Mining lease is an identified sairat source in the DSR page no. sl.no-1. Annexure-A New 60. No mines is present within 500 m of the radius of the applied area.
6. **ToR Details :** Terms of Reference (TOR), was issued by SEIAA, Odisha, vide proposal Letter Ref. No. 488807/40-MINB1/08-2024 and TOR identification No. TO24B0108OR5627466N, dated 08.11.2024.
7. **Public Hearing Details:**
The public hearing was successfully conducted on 30th June,20225 at Magurbeda community hall. The waste material should not be exceeded to the agricultural field beyond the mining lease area. Proper management of the villages should be taken during transportation. No blasting method will be adopted. Priority should be given for local employment. The project proponent has agreed to resolve all the points raised in the public hearing.

Proceedings of the SEAC meeting held on 28.10.2025

Environmental Scientist, SEAC

8. **Location and Connectivity:** The mine is situated at - Plot No – 778/P, Village – Magurbeda, Tahasil – Loisingha, Bolangir, Odisha.
- Geo – coordinate - Latitude – N-20° 46'01.459" to N-20° 46'22.252" Longitude - E-83°22'04.247" to E-83° 22'19.414",
 - Toposheet No. –64P/5,Kisam – Dunguri,
 - Nearest State Highway S.H.-42 Connecting Balangir-Patnagarh-Kantabanjhi at a distance of 6 kms. NH-57 Connecting Bhubaneswar-Balangir at a distance of 14 kms
 - Magurbeda-Kutumtola Panchayat Road near Magurbeda Hamlet at a distance of 1.5 kms
 - Lower Suktel dam at a distance of 3kms
 - Suktel River at a distance of 2kms
 - Magurbeda Reserve Forest at a distance of 119 mtr
9. **Total reserve and proposed production :** Mineable reserve 68,311 cum & production is 4824 cum.
10. **Mining Method :**
Open Cast semi mechanized, mining method with 3m x 5m bench pattern without blasting shall be adopted with a production capacity of 4824 Cum (Saleable) per annum, total production in 5 years will be 23292 cum. Proposed mining depth as per approved mining plan, will be from the RL 243 m to RL 201 m equipment's shall be used like excavator, surface drill, compressor, jack hammer, dumper for transportation. Permission to use the village road for transporation has been obtained from local authority. During the mining the ground water table will be not intersected.
11. **Waste generation and its mitigation :**
Total waste generated during the plan period from the mines would be 291960 cum which shall be dumped in over an area of 1.650 hectares in the South-eastern part of the lease area. Details has been described in the mining plan. NOC from the adajacent land owners to the mining lease has been obtained.
12. **Water Requirement :**
The total water requirement of the plant is estimated at about 9.98 KL per day, which shall be sourced from nearby Tube wells and near by ponds.

WATER BALANCE



13. Power Requirement:

Diesel requirement will be 6 KL/per month. DG set of capacity 250 KVA is kept as standby.

14. **Manpower:**

Total 40 nos of manpower will be employed in the mine including management and supervisory personnel.

15. **Project Cost:**

Estimated Project Cost is 5 crores and the cost of EMP is 15 lakhs.

16. **Environment Consultant:** The Environment consultant **M/s Envomin Consultaant Pvt. Ltd. Bhubaneswar** along with the proponent made a presentation on the proposal before the Committee.

Considering the information furnished and the presentation made by the consultant, **M/s Envomin Consultaant Pvt. Ltd, Bhubaneswar** along with the project proponent, the SEAC decided to take decision on the proposal after receipt of the following from the Proponent to be submitted for further consideration:

- i. Plan showing the access roads clearly marked and its maintenance
- ii. Connectivity to lease area showing details of approach routes and transportation routes from the lease area.
- iii. Trees shall not be affected during mining operation.
- iv. Volume estimates of overburden and mineral rejects that to be dumped in mining pit or to be stored in the earmarked area within the mine leasehold.
- v. Copy of the mining plan approved by the Indian Bureau of Mines, as the same is not submitted.
- vi. As per some documents there will be no blasting but EMP gives details about mitigation measures for blasting. Need clarification. If blasting involved then details of the same with safety zone etc.
- vii. Provision of Garland drain and settling pond around the mine pits and dumps to intercept surface runoff to be shown on a plan along with the dimensions based on scientific calculations.
- viii. Budget calculation shown in the presentation shall include in EMP and EMP budget should be given with component wise details for each item.
- ix. NOC from Sarpanch for the existing village pond inside the leasehold area.
- x. Details of CSR Budget along with the allocation areas.
- xi. Surface runoff details and the preventive/mitigation measures to be adopted before discharge to nearby water bodies.
- xii. Status of the DSR along with a copy of the approved DSR.

17. The SEAC in its meeting held on dated **29.08.2025** decided to take decision after receipt of the following information and documents 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.	Plan showing the access roads clearly marked and its maintenance	The PP has submitted the access road and presently it is maintained by Local Panchayat. This road will be maintained by the PP after execution of the mine.	Complied

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC																												
ii.	Connectivity to lease area showing details of approach routes and transportation routes from the lease area.	The transportation of decorative stone from Magurdeda Mines to NH-42 is planned to be carried out entirely by road. Trucks and dumpers will be used for the movement of extracted materials. The route passes through mainly through three villages namely Bandhanghor, Siabahali, and Haridatal before reaching the highway.	Complied																												
iii.	Trees shall not be affected during mining operation.	The have submitted an undertaking not to damage 11 numbers of trees existing in the lease area	Complied																												
iv.	Volume estimates of overburden and mineral rejects that to be dumped in mining pit or to be stored in the earmarked area within the mine leasehold.	<p style="text-align: center;">Waste Generation</p> <table border="1"> <thead> <tr> <th>Year</th><th>Overburden (m³)</th><th>Intermediate Waste (m³)</th><th>Total Waste (m³)</th></tr> </thead> <tbody> <tr> <td>1st</td><td>24,825</td><td>28,305</td><td>53,130</td></tr> <tr> <td>2nd</td><td>20,925</td><td>34,170</td><td>55,095</td></tr> <tr> <td>3rd</td><td>28,275</td><td>34,170</td><td>62,445</td></tr> <tr> <td>4th</td><td>18,750</td><td>34,170</td><td>52,920</td></tr> <tr> <td>5th</td><td>34,200</td><td>34,170</td><td>68,370</td></tr> <tr> <td>Total</td><td>126,975</td><td>164,985</td><td>291,960</td></tr> </tbody> </table> <p>The presently non-saleable stone materials (totaling 5832 m³) will be stacked in the southern side of Quarry-1 in an area estimated at 3,331 m². These materials will be sorted, and small-sized blocks ("Khanda") will be recovered for potential use in processing units.</p> <p>An area of 1.65 hectares has been allocated for waste disposal with a designed dump height of 12 meters and one terrace for stability.</p> <ul style="list-style-type: none"> • Broken Waste Volume to be Accommodated: 121,608 m³ • Remaining Waste (to be utilized externally): 170,352 m³ 	Year	Overburden (m ³)	Intermediate Waste (m ³)	Total Waste (m ³)	1st	24,825	28,305	53,130	2nd	20,925	34,170	55,095	3rd	28,275	34,170	62,445	4th	18,750	34,170	52,920	5th	34,200	34,170	68,370	Total	126,975	164,985	291,960	Complied
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v.	Copy of the mining plan approved by the Indian Bureau of Mines, as the same is not submitted.	Submitted copy of approved mining plan	Complied																												
vi.	As per some documents there will be no blasting but	As per approved mining plan there is no proposal for blasting of granite gneiss in the applied mining lease area for	Complied																												

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC																											
	EMP gives details about mitigation measures for blasting. Need clarification. If blasting involved then details of the same with safety zone etc.	extraction of decorative stone blocks which will be raised from the mine with the help of jack-hammer drilling along with crack powder and LD4 drill along with wire saw cutting.																												
vii.	Provision of Garland drain and settling pond around the mine pits and dumps to intercept surface runoff to be shown on a plan along with the dimensions based on scientific calculations.	<p>As the mining lease area exhibits an undulating terrain with the highest RL of 241m and the lowest RL of 194 m, a rainwater harvesting structure will be constructed along the natural slope of the mining area near the mining approach road on the South eastern side. This structure is strategically planned to maximize water collection and storage efficiency. The proposed dimensions of the rainwater harvesting structure are as follows: Proposed Reservoir Size: 60m x 40m x 5m</p> <p>Proposed Reservoir Capacity: 12,000 cubic meters</p>	Complied																											
viii.	Budget calculation shown in the presentation shall include in EMP and EMP budget should be given with component wise details for each item.	<p><u>BUDGET</u></p> <p>A fund of Rs. 15 lakhs/annum has been earmarked for Environmental Control Measures, Green Belt Development and peripheral Development</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Environment Activities</th> <th>Annual Expenditure (Rupees in Lakhs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Water Sprinkling along the mines road</td> <td>2.0</td> </tr> <tr> <td>2</td> <td>Plantation & Maintenance</td> <td>2.0</td> </tr> <tr> <td>3</td> <td>Environment Monitoring (Air, Water, Noise & Soil Monitoring)</td> <td>1.5</td> </tr> <tr> <td>4</td> <td>Construction & Maintenance of Settling Tank, Garland Drains etc.</td> <td>2.0</td> </tr> <tr> <td>5</td> <td>Personal Protective Equipment (Helmets, Safety Shoes, Dust Masks, Ear Plugs etc.)</td> <td>0.50</td> </tr> <tr> <td>6</td> <td>Provision of fencing around mine pit</td> <td>2.0</td> </tr> <tr> <td>8</td> <td>Socio economic development cost in the peripheral village like sports, donation for local festivals, road making and health activities</td> <td>5.0</td> </tr> <tr> <td></td> <td>Total</td> <td>15.0</td> </tr> </tbody> </table>	S. No.	Environment Activities	Annual Expenditure (Rupees in Lakhs)	1	Water Sprinkling along the mines road	2.0	2	Plantation & Maintenance	2.0	3	Environment Monitoring (Air, Water, Noise & Soil Monitoring)	1.5	4	Construction & Maintenance of Settling Tank, Garland Drains etc.	2.0	5	Personal Protective Equipment (Helmets, Safety Shoes, Dust Masks, Ear Plugs etc.)	0.50	6	Provision of fencing around mine pit	2.0	8	Socio economic development cost in the peripheral village like sports, donation for local festivals, road making and health activities	5.0		Total	15.0	Complied
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	Total	15.0																												
ix.	NOC from Sarpanch for the	Submitted NOC from Sarpanch	Complied																											

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC												
	existing village pond inside the leasehold area.														
x.	Details of CSR Budget along with the allocation areas.	<table><tr><th>Category</th><th>Cost in Lakh</th></tr><tr><td>Provide drinking water facility in surrounding villages</td><td>0.2</td></tr><tr><td>Health Camp</td><td>0.3</td></tr><tr><td>Repair of Roads</td><td>0.2</td></tr><tr><td>Sports & Education</td><td>0.3</td></tr><tr><td>Total</td><td>1.0</td></tr></table>	Category	Cost in Lakh	Provide drinking water facility in surrounding villages	0.2	Health Camp	0.3	Repair of Roads	0.2	Sports & Education	0.3	Total	1.0	Complied
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Repair of Roads	0.2														
Sports & Education	0.3														
Total	1.0														
xi.	Surface runoff details and the preventive/mitigation measures to be adopted before discharge to nearby water bodies.	<p>As per mining plan in the lower contour area garland drain has been proposed with a length of about 250 mtr around the mining pit area in the southern side with width of 1mtr and depth 1mtr with provision of 6 sumps in interval of 50mtr.</p> <p>The garland drain has been proposed for about 80 mtr in the southern side of the dump in the lowest contour. Provision of garland drain and settling pond</p> <p>The mine discharge water will be properly monitored & the quality shall be ascertained before discharging to the outside of the mining lease as per the specification.</p> <p>Drainage water will be finally discharged through the existing natural drainage system to the Suktel River.</p>	Complied												
xii.	Status of the DSR alongwith a copy of the approved DSR.	Submitted	Complied												

Considering the information / documents furnished by the proponent and presentation made by the consultant **M/s Envomin Consultant Pvt. Ltd. Bhubaneswar** on behalf of the proponent, the SEAC recommended for grant of Environmental Clearance with opencast semi mechanised method of mining valid up to lease period (subject to availability of approved DSR for the resource) with stipulated conditions as per **Annexure – A** in addition to the following specific conditions:

- i) Haulage road shall be developed and maintained perennially and perpetually by the proponent in consultation with the concerned authority of the Govt.

- ii) The project proponent shall maintain periodic health check-up records of their employees and ensure use of face mask by workers in sizing and handling sections of the decorative stone quarry for ensuring that working personnel are not affected by silicosis.
- iii) No blasting shall be involved in mining.
- iv) The project proponent shall undertake re-grassing of the area or any other area which may have been disturbed due to their mining activities.
- v) The village ponds near to the lease area shall be maintained properly.
- vi) Garland drain/settling pond shall be provided to prevent washout of solids to nearby water bodies.

ITEM NO. 03

PROPOSAL OF ENVIRONMENTAL CLEARANCE OF M/S. LA DEVELOPERS FOR PROPOSED CONSTRUCTION OF RESIDENTIAL APARTMENT BUILDING PROJECT “EVOS AMORA” OF ‘2B+S+17’ & ‘2B+S+18’ STORIED (BLOCKS A & B) TOTAL BUILT-UP AEA 64719.29 SQM AT MOUZA- NAYAPALLI & MADHUSUDAN NAGAR, TAHASIL- BHUBANESWAR DIST- KHORDHA OF SRI DILIP KUMAR MOTWANI – MOD EC

1. This proposal is for Environmental Clearance of M/s. LA Developers for Proposed Construction of Residential Apartment Building Project “Evos Amora” of ‘2B+S+17’ & ‘2B+S+18’ Storied (Blocks A & B) total built-up area 64719.29 sqm at Mouza- Nayapalli & Madhusudan Nagar, Tahasil- Bhubaneswar Dist- Khordha of Sri Dilip Kumar Motwani.
2. **Category:** This project falls under Category “B”, Project or Activity 8(a) Building and Construction projects as per EIA Notification dated 14th Sept, 2006 as its amendments.
3. **Statutory clearances:**
 - The environmental clearance was obtained earlier by M/s LA Developers for Residential & Commercial Building project for a built-up area of 56147.44 sqm under EC Identification No.- EC22B038OR177370 dated 22.07.2022.
 - Consent to Establish granted vide letter no. 12968 dtd. 16.08.2023
 - The Project was approved for setting up Residential Apartment Building Project vide letter no. vide Letter No- 4766, Bhubaneswar dated 31.01.2024.
 - Permission from Central Ground Water Authority (CGWA) vide NOC No. CGWA/NOC/INF/ORIG/2021/13792, for 99.50 KLD Valid up to: 23/11/2026.
 - Fire NOC recommendations have been obtained vide reference number RECOMM1204130022025003079, dated 21-05-2025.
 - Permission for Drainage obtained from BMC vide letter no. 17961 dtd. 23.03.2022.
 - NOC from AAI obtained vide letter no. AAI/ER/NOC(35/21)/33,Dt.09.11.2023.
4. **Location and connectivity:** The proposed project is located at Plot No-1392, 1393, 1398/3314,1398/3312 & 3313, 1396/3382, 1394/4908 & 4909, 1394/4966, 1394/4967, 1398,1341/2127, 2128, 2129, 897(P), 897/ 1822, 898, 899, 900, 901/ 1740, 901/1776 ,

902/1777, 902/1754, 902(P), 902/ 1971, 903/1755, 903(P), 904/1736, 904/1976, 904/1972, 893/1906, 896, 895, 904/ 1909,904/1837, 911(P), 911/1495/ 1970, 911/1495 & 912/1727, Khata No-1, 1895, 2176, 676, 46, 399 & 2702, 167, 2129, 46, 766, 409/346, 409/ 137,409/137, 409/119, 108, 409/80, 409/269, 409/269, 409/96, 306,409/347, 409/96, 409/347, 409/77, 409/353, 409/348, 409/242, 409/ 156, 108, 409/345, 409/370 & 409/ 141, Mouza -Nayapalli & Madhusudan Nagar, Tahasil- Bhubaneswar, Khordha district ,Odisha . The Project Site is a part of the Survey of India Toposheet No. F45T15 at coordinates - Latitude: 20° 17' 0.29" N to 20° 17' 2.42" N and Longitude 85° 49' 29.50" E to 85° 49' 35.34" E. The project site comes under Bhubaneswar Development Authority. Nearest Habitation is Nayapalli & Madhusudan Nagar adjacent. Nearest Highway is NH-16 – 1.2 km,N, NH 316 at a distance of 5.0 km ,E and SH-60 at a distance of 10.8 km. Nearest Railway Station is Bhubaneswar junction railway station at 2.6 km,SE. Nearest Airport is Biju Patnaik International Airport at 3.2 km,SW. Bhubaneswar Fire station is located at a distance of 3.2 km, SE and Baramunda Fire Station at 2.7 km, SW. A nalla (drainage channel) is located adjacent to the project site. The area affected by the drain has been excluded from the net plot area during planning and design. Furthermore, the Kuakhai River is located at an approximate distance of 5.8 km to the east of the project site

5. The site is coming under Bhubaneswar Development Authority.
6. Total plot area is 11525.57 Sq.m or 2.847 acres with built-up area 64719.29 Sq.mt.

7. Area Statement:

S.No	Particulars	Area in Sq.mts
i)	Total Plot Area	11525.57
ii)	Total Drain Affected area (CDP Drain & Existing Drain)	2165.56
iii)	Net Plot Area	9360.01
iv)	Total FAR Area	47919.29
v)	Non -FAR Area	16800.0
vi)	FAR Area Achieved	5.12
vii)	Total Built-up Area	64719.29
viii)	Total Green Area Provided (25.81%)	2416.08
ix)	Parking Area Provided	18319.06
x)	Height of the Building Block A Block B	62.50 m 66.85 m
xi)	No. of Blocks/ Floors	2 blocks/ 2B+S+17 & 2B+S+18
xii)	Total no. of Dwelling Units	229 (2BHK - 15, 3BHK - 121, 4BHK – 83, 5BHK -4 and 6BHK -1)

8. The proposed change includes an increase in the built-up area to 64,719.29 sqm, with two block, 2B+S+17 & 2B+S+18. The number of dwelling units will be increased to 224 units (2BHK - 15, 3BHK - 121, 4BHK – 83, 5BHK -4 and 6BHK -1) from the earlier 190 units.

9. Comparison table for the proposed project is as follows:

S.No	Residential Building Details	Previous EC Configuration	Amendment Sought in EC	Remarks
i)	Total Plot Area	11756.34 sqm	11525.57 sqm	Change in CDP Drain & Existing Drain area.
ii)	Net Plot Area	9590.78 sqm	9360.01 sqm	Change in CDP Drain & Existing Drain area.
iii)	No. of Floors	LB+UB+G+14 (Two Block)	2B+S+17 & 2B+S+18 (Blocks A & B)	Change in Building Configuration.
iv)	Built up Area	56147.44 sqm	64719.29 sqm	The commercial area of the proposed project is being changed for residential purpose.
v)	No. of Residential Units	190	224	
vi)	Building Height	44.51 m	62.50 m, 66.85 m	Change in Building Configuration.
vii)	Population	1587	1788	Increased
viii)	Total Water Requirement	170.0 KLD	229.0 KLD	Increase in population due to revised built up area.
ix)	Fresh Water Requirement	104.0 KLD (Ground Water)	134.0 KLD (Ground Water)	Increase in population due to revised built up area.
x)	STP Capacity	170 KLD	210 KLD	Increase in population due to revised built up area.
xi)	STP Technology	MBBR	MBBR	No change
xii)	Treated Waste water	126KLD	156KLD	Increased
xiii)	Total Green Belt Area	2416.08 sqm (25.15 %)	2416.08 sqm (25.81%)	No change
xiv)	Total Parking Area	14032.12 sqm	18319.06 sqm	Increased
xv)	Recharge pits	16 Nos.	10 Nos.	Changed
xvi)	Solid waste	675 Kg/Day	796 Kg/Day	Increased in population
xvii)	Power Requirement & DG Set	1247 KVA DG 2 x 750 KVA	1236 KW DG: 1 x 630 KVA , 1 x 500 KVA	Increased
xviii)	Project Cost	99.156 crores	315.00 Crores	Change in Building Configuration.

10. **Water requirement:** Water during operation phase will be sourced from ground water. The fresh water requirement is 134KLD. Domestic water requirement will be 199 KLD. In this, fresh water

requirement and flushing water is 131 KLD+3 KLD Swimming pool makeup and 68 KLD respectively.

11. **Wastewater details:** Wastewater generation will be 173 KLD. The STP (MBBR) capacity provided is 210 KLD. Discharge of treated wastewater quantity to nearest drain during non-rainy season will be 61.0 KLD.

S.NO	REQUIREMENT	QUANTITY (KLD)
i)	Domestic Water	131.0
ii)	Swimming Pool Makeup	3.0
iii)	Flushing Water *	68.0
iv)	Gardening *	10.0
v)	Miscellaneous *	17.0
	Total	229.0

12. **Rainwater harvesting details:** Rainwater harvesting will capture a total runoff of 250.8 m³ using 10 pits, based on a maximum rainfall of 160 mm.
13. **Parking details:** As per applicable norms, the total parking area required is 14,375.78 sq.m, which is 30% of the F.A.R area of 47,919.29 sq.m. The provided parking area is distributed across the basement, stilt, stack parking, and open parking zones, covering a total area of 18,319.06 sq.m, which constitutes 38.22% of the total site area. The total parking provision is proposed to accommodate 580 ECS.
14. **Power Requirement:** The total power requirement for the proposed Residential apartment building is 1236 KW. The power will be entirely supplied by State Electricity Board, Odisha. The premise is connected by two, 750 KVA, 11KV/ 415 KV transformer. In case of power cut backup generators will be provided. Two DG sets, one rated at 500 KVA and the other at 630 KVA, have been proposed for the residential building project to support critical load requirements. The proposed stack heights are 67 meters for the 500 KVA unit and 71.8 meters for the 630 KVA unit. Solar power generation is 63.2 kW. Consumption and its contribution are 5.1% towards total power requirement in the project.
15. **Fire Fighting Installations:** The fire protection system for the building will be designed and implemented in accordance with the provisions of the National Building Code of India, 2016 and in strict compliance with the directions and guidelines issued by the local fire service authority.
16. **Solid waste generation:** Total solid waste generation will be 796 Kg/Day. Biodegradable waste will be converted to manure by Organic Waste Converter and Non-Biodegradable waste will be sent to Authorized Vendors as per SWM Rules 2016. Landscape waste will be 0.12Kg/Day. STP Sludge generation will be 24.22 Kg/day.
17. **Greenbelt:** Green area will be provided in 2416.08 sq.mt. (25.81 % of net plot area). The no. of trees proposed in the project is 120 trees.
18. **Project cost:** The estimated project cost is ₹ 315 Crores. Budget allocated for Environmental protection measures during construction phase - Rs.12 Lakhs as capital cost and Rs.5.0 Lakhs as recurring and during occupation phase - Rs.70 Lakhs as capital cost and Rs. 15.0 Lakhs as recurring cost.

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

20. The SEAC recommended the following:

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

- i) Statutory clearances obtained for proposed modification of the project i.e., clearance from AAI, fire safety, Structural stability certificate, CGWA.
- ii) Traffic study report vetted by institute of repute.
- iii) mRL of Groundwater and basement of the proposed area.
- iv) Management plan to control seepage of water into the basement area in Monsoon period.
- v) Compliance Report to the Previous Environmental Clearance conditions.

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

- i) Environmental settings of the project site.
- ii) Extent of construction activity.
- iii) Road connectivity to the project site.
- iv) Drainage network at the site.
- v) Any other issues including local issues.

21. The SEAC in its meeting held on dated **27.05.2025** decided to take decision after receipt of the following information and documents 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.	Statutory clearances obtained for proposed modification of the project i.e., clearance from AAI, fire safety, Structural stability certificate, CGWA.	The modified Statutory clearances which are obtained by the PP for the proposed project has been submitted for your reference as Annexure- I.	They have submitted statutory clearances from AAI dtd.9.11.2023 for height of 120.88m for block-A and 122.18m for Block-B above AMSL against building height 62.50m (Blok-A& 66.85m Block-B), Modified fire

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
			recommendation and structural stability certificate from IIT,Mumbai. CGWA clearance obtained for 99.50m ³ /day against 134 m ³ /day.
ii.	Traffic study report vetted by institute of repute.	Traffic Study report vetted by KIIT University has been submitted for your reference as Annexure- II .	Complied
iii.	mRL of Groundwater and basement of the proposed area.	The layout drawing showing the MRL of Ground level and basement of the proposed area which copy has been submitted for your reference as Annexure- III .	Complied
iv.	Management plan to control seepage of water into the basement area in Monsoon period.	The Seepage management plan to control the seepage of water into the basement during the Monsoon period has been submitted for your reference as Annexure- IV .	Complied
v.	Compliance Report to the Previous Environmental Clearance conditions.	The previous EC Compliance report has been submitted for your reference as Annexure- V .	The PP has not submitted certified compliance to previous EC conditions.

22. The proposed site was visited by the sub-committee of SEAC on 20.06.2025. Following are the observations of the sub-committee:

- Soil excavation initiated as the PP had earlier EC. The land is adjacent to an existing natural drain and there is wide road connectivity to the land.
- No construction started.
- It was advised that the gate width to be increased to 9 Mt with partition for in & out operation.
- PP to construct strong Retaining wall with structural vetting to avoid any seepage.
- NOC for discharge of excess treated water and storm water to the drain to be obtained.
- PP to submit retaining wall structure drawing and drawing of walls near water reservoirs with structural stability vetting

The SEAC decided to take decision on the proposal after receipt of the following clarification/document from the proponent:

- Submit certified compliance from MoEF & CC w.r.t previous Environmental clearance conditions.
- Submit retaining wall structure drawing and drawing of walls near water reservoirs with structural stability vetting to avoid seepage.

ITEM NO. 04

PROPOSAL FOR ENVIRONMENTAL CLEARANCE OF M/S RNG INFRASTRUCTURE PVT. LTD FOR PROPOSED RESIDENTIAL BUILDING PROJECT OF 'B+S1+S2+18' STORIED OVER AN AREA 23472.00 SQMT AT MOUZA - SUNDARPUR, TAHASIL - BHUBANESWAR, DIST- KHORDHA OF SRI MANORANJAN BISWAL - EC

- This proposal is for Environmental Clearance of M/s RNG Infrastructure Pvt. Ltd. for Proposed Residential Building Project of 'B+S1+S2+18' storied over an area 23472.00 Sqmt at Mouza- Sundarpur, Tahasil- Bhubaneswar, Dist- Khordha of Sri Manoranjan Biswal.
- Category:** The project falls under category "B" or activity 8 (a) - Building and construction projects, as per the EIA Notification 2006 and amendments thereafter.
- Location and Connectivity:** The proposed project is located at Plot no- 2387(P), 2388(P), 2432(P) (sub plot No-38), Khata No- 153,553 at Mouza- Sundarpur, Tahasil- Bhubaneswar, District Khordha. The Project Site is a part of the Survey of India Toposheet No. F45T15. The geo-coordinates of the project site is - Latitude: 20° 21' 06.99"N to 20° 21' 09.42" N, Longitude: 85° 46' 48.05" E to 85° 46' 51.10" E. The kissam of land is Gharabari. Nearest Habitation is Sundarpur at 1.5 km,N. Nearest Highway is NH-16 -.8.0 km, Khandagiri Chandaka Road is at a distance of 1.5 km. Nearest Railway Station is Bhubaneswar junction railway station at 11.5 km. Nearest Airport is Biju Patnaik International Airport at 11.7 km. Nearest water body is Jhumuka Nala is at 0.8 km,N.
- The site is coming under Bhubaneswar Development Authority. The approval has been taken vide Letter No.- 13072/BDA, Bhubaneswar dated 25-04-2023.
- Total plot area is 3836.20 sqm/ 0.948 Acres/0.383 Ha. with built-up area 23472.0 Sq.mt.
- The building area details of the project is:

S.No	Particulars	Area in Sq.mts
i)	Total Plot Area	3836.20 sqm
ii)	Total Proposed FAR Area	16057.0 sqm
iii)	Total Proposed Non-FAR Area	7415
iv)	Total Built-up Area	23472.0 sqm
v)	Total Green Area Provided (24.41%)	1335.26
vi)	Parking Area Provided	5282.00
vii)	Height of the Building	60.98
viii)	No. of Blocks/ Floors	1/ B+S1+S2+18
ix)	No. of Dwelling Units	102
x)	Each Floor built-up Area: 1-17th floors	1003.80
xi)	18th Floor built-up Area	573.40

- 7. Water Requirement:** Water during operation phase will be sourced from ground water. The fresh water requirement is 63.0 KLD. NOC from Central Ground Water Authority (CGWA) obtained vide NOC No. CGWA/NOC/INF/ORIG/2023/19438 Dt.17.10.2023. Domestic water requirement will be 105 KLD. In this, freshwater requirement and flushing water is 60 KLD and 31 KLD respectively. Wastewater generation will be 79 KLD. The STP, MBBR, capacity provided is 100 KLD. Discharge of treated wastewater quantity to nearest drain will be 29.0 KLD in Non-Rainy season and 31 KLD in Rainy Season.

S.NO	REQUIREMENT	QUANTITY (KLD)
i)	Domestic Water	63
ii)	Flushing Water	31
iii)	Gardening	3.0
iv)	Fire, Swimming Pool & Others	8.0
	Total	105

- 8. Power requirement:** The total power requirement for the proposed residential building is 689.0 KW. The power will be sourced from State Electricity Board, Odisha. The premise is connected by 800 KVA 11/0.433 KV, Copper Wound, DY-11 ONAN Outdoor with Off load Tap Changer 1 no. of Transformer. In case of power cut, 100% power backup generators will be provided for common uses only. 180 KVA 2 DG Sets has been proposed for the residential project with stack height of 64 mts. to provide backup supply. Solar power generation is 34.5 kw with 23 PV cells. Consumption and its contribution are 5 % towards total power requirement in the project.
- 9. Rainwater Harvesting:** - Total Runoff is 93.89 m³ and 13 no. of pits is proposed for the project.
- 10. Parking requirement:** - Total parking area required is 4817.10 Sq.mt (30% of 16057 sq.mt). The provided parking area is 5282 Sq.mt (32.90%) i.e. covered area - 4970.4 Sq.mt, ECS-155 @ 32m², Open Area -311.6 Sq.mt, ECS-13 @ 23 m². Total parking proposed in terms of ECS is 168. EV parking provided is 73 ECS.
- 11. Firefighting installation:** - Fire NOC recommendations obtained vide No. RECOMM1204130052023001593 Dt. 04.11.2023. The fire protection system for the building will be designed as per the provisions of National Building Code - 2016 and the directions of local fire service authority.
- 12. Green Belt Development:** - Green area will be provided in 767.24 sq.mt. (20 % of net plot area). The no. of trees proposed in the project is 55 trees.
- 13. Solid Waste Management:** - Total solid waste generation will be 356 Kg/Day. Garbage will be 356Kg/Day in which Biodegradable Waste 213.6Kg/Day @ 60% will be treated in In-house Organic Waste Converter and Non-Biodegradable waste 142.4 Kg/Day @ 40% will be sent to Authorized Vendors as per SWM Rules 2016. Landscape waste will be 0.038 Kg/Day. STP Sludge generation will be 11.06 Kg/day.
- 14. Traffic Study:** Traffic Composition after development of the project will be very good. Traffic study report was prepared by School of Civil Engineering, KIIT Deemed to be University, Bhubaneswar. LOS for the project is "A" with or without project.
- 15. Project cost:** The estimated project cost is INR 47.42 Crores. Budget allocated for Environmental protection measures during construction phase - Rs.13 Lakhs as capital cost and

Rs.7.5 Lakhs as recurring and during occupation phase - Rs.47 Lakhs as capital cost and Rs. 12 Lakhs as recurring cost.

S.No	Activity	Capacity /Area/Nos.	Capital Cost (Lakhs)	Recurring Cost (Lakhs)
i)	STP	100 KLD	30.0	6.0
ii)	Landscaping & Planting trees	55 nos	3.0	1.0
iii)	Solid waste Management	356 Kg/Day	4.0	2.0
iv)	RWH Pit Installation	13 nos	5.0	1.0
v)	Environmental Monitoring*	Air, Water, Soil & Noise	5.0	2.0
Total			47.0	12.0

16. **Environment Consultant:** The Environment consultant **M/s Rightsource Industrial Solutions Pvt. Ltd. Hyderabad** along with the proponent made a presentation on the proposal before the Committee on 17.12.2023 and the SEAC recommended the following:

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

- Supporting documents i.e. Land documents or agreement papers with private owners with PP indicating the ownership of the Project Proponent for the land use for connecting drain from project site to nearest municipal drain.
- Revisit the Rainwater harvesting pits by considering the highest rainfall of that region.
- Detailed calculation of Solar generation through PV Cell.
- Structural Stability Certificate certified by authorized structural Engineer.
- Permission copy from Chief Engineer, Drainage Department for discharge of treated water and storm water to the nearest municipal drain.
- Layout of proposed internal drainage connecting to main municipal drain to be submitted.
- Analysis report of wastewater including total coliform.
- The PP shall build the structural protection for the drain and submit the layout of the same.
- Layout of proposed internal drainage connecting to main municipal drain to be submitted along with necessary approval of the competent authority.
- Source of water and its quantity during construction / project execution phase to be provided.

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

- Environmental settings of the project site.

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

17. The SEAC in its meeting held on dated **27.12.2023** decided to take decision after receipt of the following information and documents 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)	Supporting documents i.e. Land documents or agreement papers with private owners with PP indicating the ownership of the Project Proponent for the land use for connecting drain from project site to nearest municipal drain.	The land documents are in the name of company & Director Mr. Manoranjan Biswal. The copy of RoR has been attached for your reference as Annexure-I .	There is land dispute as per site visit report
ii)	Revisit the Rainwater harvesting pits by considering the highest rainfall of that region.	The Rainwater harvesting pit requirements have been revised considering the highest recorded rainfall in the region. Total 14.0 number of RWH pits will be developed for the proposed project. The updated details have been attached as Annexure-II .	Complied
iii)	Detailed calculation of Solar generation through PV Cell.	Detailed solar generation through PV cell has been attached as Annexure – III .	Complied
iv)	Structural Stability Certificate certified by authorized structural Engineer.	Structural Stability certificate is vetted by IIT, Bhubaneswar has been attached for your reference as Annexure-IV .	Complied
v)	Permission copy from Chief Engineer, Drainage Department for discharge of treated water and storm water to the nearest municipal drain.	Permission letter for discharge of treated water to the nearest municipal drain from the Competent Authority vide letter No.-105/EM dtd.-29.01.2022 has been attached for your reference as Annexure-V .	The Engineering Member, BDA in his letter dtd. 29.01.2022 mentioned that The PP shall obtain necessary

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
			NOC from concerned Department to discharge excess treated STP water and storm water to nearest natural nallah. Also, the PP shall construct external drain along the village road and the drain is connecting to a natural nallah near culvert. The unit has not submitted any document for discharge to said nallah.
vi)	Layout of proposed internal drainage connecting to main municipal drain to be submitted.	Layout drain of internal drainage has been attached for your reference as Annexure-VI .	Complied
vii)	Analysis report of wastewater including total coliform.	Waste water analysis report of NABL Laboratory including total coliform has been attached for your reference as Annexure- VII .	----
viii)	The PP shall build the structural protection for the drain and submit the layout of the same.	Sir we are agreed for construct the drain with as per your recommendation. Kindly allow us for submitting layout plan before start of construction.	Not complied. Condition to be stipulated in EC.
ix)	Layout of proposed internal drainage connecting to main municipal drain to be submitted along with necessary approval of the competent authority.	Layout of proposed internal drainage connecting to main municipal of plan for your reference has been attached as Annexure-VIII .	Complied
x)	Source of water and its quantity during construction / project execution phase to be provided.	The water will be sourced from the ground water source during project execution phase and during construction phase it will be sourced from the nearest village by tanker.	Source of water mentioned but not mentioned regarding quantity of water.

18. The proposed site was visited by the sub-committee of SEAC on 01.03.2024. Following are the observations of the sub-committee:

- a) There was initially a resistance by a group of people working inside the plot including the guard at gate not to allow. After our introduction, they allowed but explained that there is a legal issue in the land and area of construction for which the PP has applied needs to be settled; else they will not allow any construction. The PP was not there but his representative was there keeping silent.
- b) The land has inside roads, a part of land is having several duplexes constructed at different stages of completion, balance plot is empty. As there are certain issues with regard to Land ownership or POA, the PP needs to comply and submit the following;
 - i) Land ownership document with ROR mentioning the area and layout (revenue and BDA approved both) with certification of govt. authority.
 - ii) Copy of BDA approved plan and layout on above part of land where the proposed building to be constructed.
 - iii) Layout showing duplex already done, proposed building, internal roads, drains and the outlet of drain falling in existing Nala.
 - iv) There is a Nala at a distance of few feet of the land, thus PP needs to provide document in respect of passing of drain over the land (Public or Private) with ownership (in case of private land) of land and permission of authority to discharge excess treated water.
 - v) Layout showing green belt minimum 20%, parking for visitors, recharge pits, etc. of the project.
 - vi) Width of road connecting the land.
 - vii) **Also 'no dispute agreement "with existing contractor and people who were objecting is also necessary in addition to above documents.**
 - viii) All other points asked during presentation to be complied.

19. The SEAC observed the following from site visit report of the Sub-Committee of SEAC:

- a) There was initially a resistance by a group of people working inside the plot including the guard at gate not to allow. After our introduction, they allowed but explained that there is a legal issue in the land and area of construction for which the PP has applied needs to be settled; else they will not allow any construction. The PP was not there but his representative was there keeping silent.
- b) The land has inside roads, a part of land is having several duplexes constructed at different stages of completion, balance plot is empty. As there are certain issues with regard to Land ownership or POA, the PP needs to comply certain information / documents related to land, ownership as pointed out in the site visit report of the Sub-Committee of the SEAC.

After detailed discussion, the SEAC decided to take decision on the proposal after receipt of the following from the proponent:

- i) Land ownership document with ROR mentioning the area and layout (revenue and BDA approved both) with certification of govt. authority.
- ii) Copy of BDA approved plan and layout on above part of land where the proposed building to be constructed.
- iii) Layout showing duplex already done, proposed building, internal roads, drains and the outlet of drain falling in existing Nala.
- iv) There is a Nala at a distance of few feet of the land, thus PP needs to provide document in respect of passing of drain over the land (Public or Private) with ownership (in case of private land) of land and permission of authority to discharge excess treated water.
- v) Layout showing green belt minimum 20%, parking for visitors, recharge pits, etc. of the project.
- vi) Width of road connecting the land.
- vii) **Also 'no dispute agreement "with existing contractor and people who were objecting is also necessary in addition to above documents.**
- viii) The Engineering Member, BDA in his letter dtd. 29.01.2022 mentioned that the Project Proponent shall obtain necessary NOC from concerned Department to discharge excess treated STP water and storm water to nearest natural nallah. Also, the PP shall construct external drain along the village road and the drain is connecting to a natural nallah near culvert. The unit has to submit such permission document for discharge to said nallah.

20. The SEAC in its meeting held on dated **28.05.2025** decided to take decision after receipt of the following information and documents 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)	Land ownership document with ROR mentioning the area and layout (revenue and BDA approved both) with certification of govt. authority.	ROR of ownership documents mentioning the area and approved layout has been attached as Annexure- I.	Complied
ii)	Copy of BDA approved plan and layout on above part of land where the proposed building to be constructed.	Copy of BDA approved plan and Layout of the proposed building has been submitted for your reference as Annexure- II.	Complied
iii)	Layout showing duplex already done, proposed building, internal roads, drains and the outlet of drain falling in existing Nala.	The Layout of Duplex area mentioning internal roads, drains and the outlet drains has been submitted for your reference as Annexure- III.	The layout map of duplex area is not legible.
iv)	There is a Nala at a distance of few feet of the land, thus PP needs to	The Nala which is passing over the land is adjacent to the existing	Complied

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
	provide document in respect of passing of drain over the land (Public or Private) with ownership (in case of private land) of land and permission of authority to discharge excess treated water.	project of the project proponent is on Govt. Land and Tahasildar, Bhubaneswar has submitted an inquiry report to the planning member and accordingly BDA has approved our EIDP plan for discharge of excess treated water which copy has been submitted for your reference as Annexure- IV .	
v)	Layout showing green belt minimum 20%, parking for visitors, recharge pits, etc. of the project.	Layout showing green belt minimum 20%, parking for visitors, recharge pits, etc. has been provided in the proposed project which copy has been submitted for your reference as Annexure- V .	Complied
vi)	Width of road connecting the land.	The width of the external road connecting the land to the main road is about 18.28 mtr. Which has been mentioned in BDA Approved EIDP letter and the copy has been submitted for your reference as Annexure- IV .	Complied
vii)	Also 'no dispute agreement "with existing contractor and people who were objecting is also necessary in addition to above documents.	No dispute agreement with the existing contractor has been submitted for your reference as Annexure- VI .	Complied
viii)	The Engineering Member, BDA in his letter dtd. 29.01.2022 mentioned that the Project Proponent shall obtain necessary NOC from concerned Department to discharge excess treated STP water and storm water to nearest natural nallah. Also, the PP shall construct external drain along the village road and the drain is connecting to a natural nallah near culvert. The unit has to submit such permission document for discharge to said nallah.		The applicant shall submit NOC from Concerned authority for construction of drain along the road up to the discharge point.
ix)	All other points asked during	The clarification raised during	Complied

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
	presentation to be complied.	presentation has been submitted earlier which copy has been submitted again for your reference as Annexure- VII .	

After detailed discussion the SEAC decided to take decision on the proposal after receipt of following clarification/information from the project proponent.

- Layout map showing duplex already done, proposed building, internal roads, drains and the outlet of drain falling in existing Nala, as the submitted layout map is not legible.
- Permission copy for construction drain along the existing village road connected to natural nallah near culvert.
- The submitted Analysis report of waste water sample at outlet of STP is not correct

21. The SEAC in its meeting held on dated **09.09.2025** decided to take decision after receipt of the following information and documents 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)	Layout map showing duplex already done, proposed building, internal roads, drains and the outlet of drain falling in existing Nala, as the submitted layout map is not legible.	The revised layout map showing internal road, drains and outlet of drain falling in existing nallah has been submitted for your reference as Annexure-I .	Complied
ii)	Permission copy for construction drain along the existing village road connected to natural nallah near culvert.	Permission copy for construction of drain to discharge the treated water to the existing Nallah has been submitted for your reference as Annexure -I .	Not Submitted
iii)	The submitted Analysis report of waste water sample at outlet of STP is not correct	The revised waste water analysis report of STP outlet sample has been submitted for your reference as Annexure -III .	Complied

Considering the information furnished and the presentation made by the consultant, **M/s Rightsource Industrial Solutions Pvt. Ltd. Hyderabad** along with the project proponent, the SEAC recommended for grant of Environmental Clearance to the project valid for 10 years with stipulated conditions as per **Annexure – B** in addition to the following specific conditions.

- The proponent shall obtain Permission from the Chief Engineer, Drainage / Concerned appropriate Authority for discharge of excess treated sewage water along with storm water

to the nearest nallah. Provision of necessary infrastructure for facilitating above-mentioned discharges shall be provided in own cost.

- ii) The Proponent before implementation of the project shall convert the land to Gharabari and shall take the ownership of the land if not already taken.
- iii) Proper landscaping to be developed to prevent artificial flooding.
- iv) Internal drainage plan with RWH/Re-charge Pits to be taken up based on requirement and with approval of the authority.
- v) The proponent shall use solar energy at least to the tune of 5% of total power requirement as proposed.
- vi) The proponent shall obtain permission from concerned Fire Safety Authority.
- vii) The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.
- viii) The project proponent shall maximise utilisation of treated water in flushing, plantations and ground washings etc. as per need to reduce water discharge to drain. This shall be verified in future compliance report.
- ix) The PP will not commence construction unless the drain layout is finalized and permission given for the same by the authority to discharge excess treated water & storm water.
- x) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.

However, Environmental Clearance shall be granted after submission of following documents/information from PP:

- a. Permission copy for construction drain along the existing village road connected to natural nallah near culvert.

ITEM NO. 05

PROPOSAL FOR ENVIRONMENTAL CLEARANCE OF M/S SWOSTI PREMIUM LIMITED FOR PROPOSED B+G+9 STORIED “GOPALPUR PALM RESORT” (A UNIT OF SWOSTI PREMIUM LTD.) OVER PLOT NO.-182/552/617 & 184/618, KHATA NO.- 102 (AJA), MOUZA- UDAYAPUR, THANA- GOPALPUR NO. 122, TAHASIL- KONISI, DIST- GANJAM OF DR J K MOHANTY - EC.

1. This proposal is for Environmental Clearance of M/s Swosti Premium Limited for Proposed B+G+9 storied “Gopalpur Palm Resort” (a unit of Swosti Premium Ltd.) over plot No.- 182/552/617 & 184/618, Khata No.- 102 (AJA), Mouza- Udayapur, Thana- Gopalpur No. 122, Tahasil- Konisi, Dist- Ganjam of Dr J K Mohanty.
2. **Category:** This project falls under Category “B” or Schedule 8(a) “Building and Construction” as per EIA Notification dated 14th Sept, 2006 and its amendments.
3. **Location and connectivity:** The proposed site is coming under the Plot No. 182/552/617 & 184/618 in Mouza- Udayapur, Gopalpur, Dist- Ganjam, Odisha. The Geographical co-ordinate of the project site is: Latitude- 19°15'7.64"N & Longitude- 84°53'46.88"E. The project site is well connected to the NH-516 through a connecting road at a distance of 0.9 Km in the North East

direction. The nearest railway station is Jagannathpur Railway station at a distance of approx. 9.1 Km in North-North-West direction and Berhampur Railway station at a distance of approx. 11.43 Km in North-West direction. The nearest airport is Biju Patnaik Airport at a distance of approx. 147 Km in south-west direction from project site.

4. The project site is in CRZ II area.
5. The site is coming under Berhampur Development Authority (BEDA).
6. The total plot area is 12140.46 sqm/3.0 Ac./1.214 Ha. with total built-up area 22,230.05 sqm.
7. **The building area details of the project in tabulated form:**

Particular	Proposed
Proposed Project Name	Gopalpur Palm Resort
Plot Area	Net Plot Area- 12140.46 sqm
Ground Coverage	4,648.58 sqm (38.29%)
Open Area	947.45 sqm
Total Built up Area	22,230.05 sqm
Total FAR Area	16,512.87 sqm
FAR	1.36
Maximum Height	39.90 m
Road Area	1,821.07sqm
Basement Parking	3079.68 sqm
Open Parking	2173.86 sqm (17%)
Total Parking Area	5,253.54 sqm
Green Belt Area	2,549.5 sqm (21 %)
Maximum No. of Floor	B+G+9
Power/Electricity Requirement & Sources	1330 KVA Source: TPSODL
No. of DG sets	2x750 KVA
Solar Energy	43.5KW (5.4%)
Water requirement & Sources	87.0 KLD (Source: Ground Water)
Waste Water Generation	96.0 KLD
Sewage Treatment & Disposal	STP Capacity- 120 KLD
Total Rain Water Harvesting Pit	10 Nos.
Solid Waste Generation	287.0 kg/day
Estimated Population- Residential, Floating/visitors	Residential- 248 Nos. Floating- 250 Nos.
Project Cost	95 Crores

8. **Water requirement:** Fresh make up of 87.0 m³/day will be required for the project which will be sourced from Ground Water..

Water requirement operation phase

Sl. No.	Description	Total Population	Per Capita Consumption (ltr/day)		Water Requirement (KLD)		
					Domestic	Flushing	Total
1.	Guest Room	248 Nos.	Fresh (135)	Flushing (45)	33.5	11.2	44.7
2.	Staff	250 Nos.	Fresh (25)	Flushing (20)	6.3	5.0	11.3
3.	Visitors	100 Nos.	Fresh (5)	Flushing (10)	0.5	1.0	1.5
4.	Banquet	500 Nos.	Fresh (5)	Flushing (10)	2.5	5.0	7.5
5.	Kitchen	--	--	--	22.0	--	22.0
6.	Laundry	--	--	--	16.0	--	16.0
7.	Health Club and Spa	--	--	--	6.2	3.1	9.3
Total					87.0	25.3~26	112.3~113

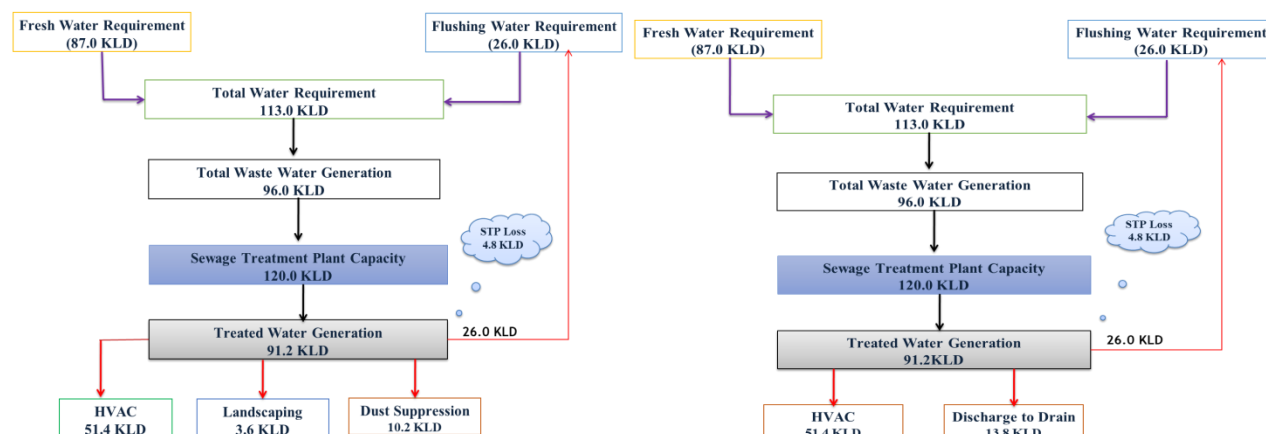
9. **Waste Water Management:** Total waste water generated from the residential building is 96.0 KLD which will be treated in STP of Capacity 120.0 KLD. The treated effluent will be reused for flushing & horticulture. Surplus treated effluent from STP will be discharged to external sewer.

Waste Water Calculation

Details	Water (KLD)
Water requirement for domestic purpose	87.0
Wastewater generated from domestic use (@ 80% of domestic water requirement)	70.0
Water requirement for Flushing Purpose	26.0
Wastewater generated from Flushing (@ 100% of flushing requirement)	26.0
Total Wastewater generated	70.0+26.0 = 96.0 KLD
Sewage Treatment Plant Capacity	120
STP Loss (5% of wastewater generation)	4.8
Recycled water form STP	91.2
Flushing	26.0 KLD
Dust Suppression	10.2 KLD
Landscaping	3.6 KLD
HVAC (Cooling Tower)	51.4 KLD
Fresh Water requirement for HVAC	17.0 KLD
Treated Water requirement for HVAC	34.4 KLD

WATER BALANCE DURING NON-MONSOON PERIOD

WATER BALANCE DURING NON-MONSOON PERIOD



10. **Rain Water Harvesting:** Total 254.28 cum Rain Water is harvested through 12 nos. of recharge pits.
11. **Power Requirement:** Total Power requirement of the proposed building is 1330.0 KVA, Source is TPSODL, 2 nos. of DG sets of total capacity of 1500 KVA (2x750 KVA) is provided & DG stack height calculated to 45.37m. Total 43.5 KW Solar Power Generation which is 5.4% of total power required in project (30nos. Solar Street lighting will contribute 2.1KW and 30nos. of PV panel for Solar lighting in common area will contribute 41.4KW).
12. **Parking Requirement:** Parking Area Required for Residential (25 % of FAR Area) - 4128.21 sqm. Parking Area Proposed – 5253.54sqm/197ECS (Basement Parking- 3079.68sqm/110ECS+ Open Parking- 2173.86sqm/87ECS).
13. **Fire Fighting Installation:** Fire Fighting will be provided as per NBC Norms.
14. **Solid Waste Management:** Solid waste generated and its management. Solid Waste generated from the residential Complex will be segregated at source. Organic waste converter is proposed for biowaste.5 R concept of waste management shall be explored.The provisions of Hazardous Waste management and Handling Rules 2016 & Solid Waste Management 2016 will be followed.

Solid waste Generation

S. No.	Category	Counts (heads)	Waste generated (kg/day)
1.	Residents	248 @ 0.45 kg/day	111.5
2.	Floating Population	250 @ 0.15 kg/day	37.5
3.	Visitors	100 @ 0.15 kg/day	15.0
4.	Banquet	500 @ 0.15 kg/day	75.0
5.	STP Sludge	--	48.0

Total Solid Waste Generated	287.0 kg/day
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15. **Greenbelt:** Greenbelt is developed over an area of 2549.5 sqm which is 21% of the total plot area. Total 200 nos. of plants to be planted and 3 tier plantations.

16. **Project cost:** The estimated project cost is 95.0 Crores and cost for EMP is 95.0 Lakhs.

Estimated cost for Environmental Management

COMPONENT	CAPITAL COST (INR LAKH)	RECURRING COST (INR LAKH/YR)
Air Pollution Control	16	1.6
Waste Water Management	20	2
Water Treatment Plant	15	1.5
Solid Waste Management	14	1.4
Environmental Monitoring	14	1.4
Green Area/ Landscape Area Development	16	1.6
Total	95	9.5

17. **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.

18. **The Committee observed the following:**

- i) The location of the resort is coming within CRZ-II area.
- ii) The proponent has not applied for CRZ Clearance.
- iii) EC to be recommended after receiving recommendations of CRZ Authority.

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

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

- i) Copy of CRZ Application as same has not been applied yet.
- ii) Copy of recommendations of CRZ Authority.
- iii) Land documents along with Kisam of land converted to Gharabari.
- iv) The values for greenbelt are submitted different in different documents. Submit the correct one.
- v) Layout of drainage and its connectivity to public drain.
- vi) In non-monsoon period zero liquid discharge is proposed. The PP shall explore the possibility to maintain ZLD in non-monsoon period by increasing greenbelt.

- vii) Traffic study report vetted by institute of repute.
- viii) Note on management of waste water from HVAC. Submit revised water balance.
- ix) All statutory clearances obtained.
- x) Copy of Form I and no violation/violation proforma as applicable.
- xi) The PP shall provide sufficient parking area (for 4-wheeler and 2-wheeler) to the residents of hotel including staffs. Accordingly, revised parking layout to be submitted.

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

- i) Environmental settings of the project site.
- ii) Verify if the site is a flood prone area.
- iii) Construction activity if any started at the site and extent of construction activity.
- iv) Road connectivity to the project site.
- v) The drainage network at the site along with plan to discharge excess sewage water and storm water to the nearest public drain.
- vi) Discharge point for discharge of treated water and distance of the discharge point from the project site.
- vii) Any other issues including local issues.

19. The SEAC in its meeting held on dated **03.07.2025** decided to take decision after receipt of the following information and documents from the proponent. The proponent has furnished the compliance and the SEAC verified the same as follows:

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
1.	Copy of CRZ Application as same has not been applied yet.	CRZ application has been submitted to Odisha Coastal Management Authority (OCZMA) vide Proposal No. IA/OR/CRZ/544321/2025, dated 23.07.2025.	Complied
2.	Copy of recommendations of CRZ Authority.	CRZ application has been submitted to Odisha Coastal Management Authority (OCZMA) vide Proposal No. IA/OR/CRZ/544321/2025, dated 23.07.2025. The CRZ proposal is under process. The acknowledgement copy of the same is attached as Annexure-1 .	The PP has applied for CRZ, which is under process.
3.	Land documents along with Kisam of land converted to Gharabari.	Land conversion letter has been obtained from IDCO vide letter No.	In the letter of IDCO issued on

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
		IDCO/LAE/8746/2023/21749, dated 23.07.2025. Land conversion letter is attached as Annexure-2 .	dtd. 23.07.2025 that the proposed land is for development industrial, infrastructure and project development purpose and dose not required conversion of land into Gharabari (Residential use)
4.	The values for greenbelt are submitted different in different documents. Submit the correct one.	Total 2549.5 sqm area is earmarked for Greenbelt development which is 21% of total Plot area.	Complied
5.	Layout of drainage and its connectivity to public drain.	Drainage layout is attached as Annexure-3 .	In the submitted layout map connectivity to public drain is not shown.
6.	In non-monsoon period zero liquid discharge is proposed. The PP shall explore the possibility to maintain ZLD in non-monsoon period by increasing greenbelt.	During non-monsoon period Zero Liquid Discharge (ZLD) will be followed. Total 92.1 KLD treated water will be recycled within the project for flushing (26.0 KLD), landscaping (3.6 KLD), dust suppression (10.2 KLD) and 51.4 KLD will be used in HVAC. Revised water balance is attached as Annexure-4 .	Complied
7.	Traffic study report vetted by institute of repute.	Traffic Study Report has been vetted by Indian Institute of Technology (IIT) Bhubaneswar. Vetted Traffic report attached as Annexure-5 .	Complied
8.	Note on management of waste water from HVAC. Submit revised water balance.	There is no treatment system considered as soft water shall be used in cooling towers and environment friendly CFC/HCFC	Complied

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
		free refrigerant shall be used in chillers. Revised water balance is already attached in Annexure-4 .	
9.	All statutory clearances obtained.	Fire Safety Recommendation has been obtained from Odisha Fire & Emergency Service vide Recommendation No. RECOMM1408260062025003166, dated 24.06.2025. Fire Recommendation letter is attached as Annexure-6 . Ground Water Clearance has been obtained from Central Ground Water Authority (CGWA) vide NOC No. NOC/INF/OD/2025/10753/N, dated 22.08.2025. Ground Water NOC is attached as Annexure-7 .	Complied The unit has furnished fire safety recommendation and NOC from CGWA.
10.	Copy of Form I and no violation/violation proforma as applicable.	Copy of Form-1 is attached as Annexure-8 . No violation Proforma is attached as Annexure-9 .	Complied
11.	The PP shall provide sufficient parking area (for 4-wheeler and 2-wheeler) to the residents of hotel including staffs. Accordingly, revised parking layout to be submitted.	Parking Layout attached as Annexure-10 .	Complied

20. The proposed site was visited by the sub-committee of SEAC on 21.07.2025. Following are the observations of the sub-committee:

- There is no construction in site and road is available in 3 sides of the land.
- PP informed that the land is allotted by IDCO, and there will be ZLD from the project.
- PP was asked to submit the part of agreement where, facilities like- drain, electricity, water etc. are agreed by IDCO.
- As the drain available is at a distance and at different level, drain map till fall out with levels of starting and end point along with water level of plot may be provided by the PP.
- There are no trees available in middle of the land which needs to be cut.

After detailed discussion the SEAC decided to take decision on the proposal after receipt of following clarification/information from the project proponent.

- As the drain available is at a distance and at different level, drain map till fall out with levels of starting and end point along with water level of plot may be provided by the PP. Layout map clearly showing the drainage and its connectivity to public drain.

Proceedings of the SEAC meeting held on 28.10.2025

Environmental Scientist, SEAC

- ii) The part of agreement where facilities like drain, electricity, water are agreed by IDCO.
- iii) The PP shall submit copy of recommendations of CRZ Authority.

21. The SEAC in its meeting held on dated **09.09.2025** decided to take decision after receipt of the following information and documents 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)	As the drain available is at a distance and at different level, drain map till fall out with levels of starting and end point along with water level of plot may be provided by the PP. Layout map clearly showing the drainage and its connectivity to public drain.	Drain available near to the project site. Drainage layout showing levels of starting and end point along with water level of plot. A drainage layout showing connectivity to Public Drain is attached as Annexure-1 .	The unit has submitted the layout map showing distance of municipal drain but not submitted the levels of drain at starting and end point at fall out in municipal drain.
ii)	The part of agreement where facilities like drain, electricity, water are agreed by IDCO.	IDCO has allotted the land vide letter No. IDCO/HO/P&A-LA-E-8746/23/21479, dated 11.07.2023. Land allotment letter is attached as Annexure-2 . The facilities like Drain & Electricity in the proposed building will be provided with our own cost. An affidavit is attached as Annexure-3 . Ground Water Clearance has been obtained from Central Ground Water Authority (CGWA) vide NOC No. NOC/INF/OD/2025/10753/N, dated 22.08.2025. Ground Water NOC is attached as Annexure-4 .	The facilities like Drain & Electricity in the proposed building will be provided with their own cost. An affidavit is attached in this regard. CGWA clearance obtained for drawl of ground water of quantity 75.88m ³ /Day.
iii)	The PP shall submit copy of recommendations of CRZ Authority.	OCZMA has recommended the CRZ Clearance vide letter No. OCZMA/23/2025, dated 26.09.2025. CRZ Recommendation letter is attached as Annexure-5 .	Complied

Considering the information furnished and the presentation made by the consultant, **M/s Centre for Envotech & Management Consultancy Pvt. Ltd., Bhubaneswar** along with the project proponent, the SEAC recommended for grant of Environmental Clearance to the project valid for 10 years with stipulated conditions as per **Annexure – C** in addition to the following specific conditions.

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- i) The proponent shall obtain CRZ clearance from the concerned authority.
- ii) The PP shall ensure unhindered access to the land free from all encumbrances for laying the drain for facilitating safe disposal of storm water and excess treated sewage treated water from the project site to the nearest Municipality drain during operation phase of the project. The proponent shall obtain Permission from the Concerned Authority for discharge of excess treated water from STP and storm water to the nearest municipal drain. Provision of necessary infrastructure for facilitating above-mentioned discharges shall be provided in own cost. If the municipal drain level is at higher elevation from drain level of project site the PP shall provide pumping arrangement for discharge of excess treated water from STP and storm water.
- iii) The unit shall maintain Zero Liquid Discharge (ZLD) during non-monsoon period.
- iv) Soft water shall be used in HVAC cooling towers and environment friendly CFC/HCFC free refrigerant shall be used in chillers.
- v) Proper landscaping to be developed to prevent artificial flooding.
- vi) Internal drainage plan with RWH/Re-charge Pits to be taken up based on requirement and with approval of the authority.
- vii) The proponent shall use solar energy at least to the tune of 5% of total power requirement as proposed.
- viii) The proponent shall obtain permission from concerned Fire Safety Authority.
- ix) The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.
- x) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC

However, Environmental Clearance shall be granted after submission of following documents/information from PP:

- a. The PP shall submit information w.r.t. levels of drain at starting and end point at fall out in municipal drain.

ITEM NO. 06

PROPOSAL OF ENVIRONMENTAL CLEARANCE OF M/S OM SWASTIK ("URMILLA ABODE, VICTORY TOWER & REKHA APARTMENT") FOR RESIDENTIAL CUM COMMERCIAL (SHOPPING CENTER), BLOCK-A(S+5) STORIED RESIDENTIAL APARTMENT BUILDING (MIG), BLOCK-B(B+S+4) STORIED SHOPPING CENTER & PROPOSED BLOCK-C(B+S+5) STORIED RESIDENTIAL APARTMENT BUILDING (MIG) OVER AN BUILT UP AREA 26980.70 M² PLOT NO.541,544/9187&540, KHATA NO.415,412/1069&421, AT MOUZA-RUDRAPUR, BHUBANESWAR, DIST – KHORDHA OF SRI DEEPAK TRIPATHY - EC

1. This proposal is for obtaining Environmental Clearance of M/s Om Swastik ("Urmilla Abode, Victory Tower & Rekha Apartment") for residential cum Commercial (Shopping Center), Block-A(S+5) storied Residential Apartment Building (MIG), Block-B(B+S+4) storied Shopping Center & Proposed Block-C(B+S+5) storied Residential Apartment Building (MIG) over an built up area

26980.70 m² Plot No.541,544/9187&540, Khata No.415,412/1069&421, at Mouza–Rudrapur, Bhubaneswar, Dist – khordha of Sri Deepak Tripathy.

2. **Category:** This project falls under Category “B” or Schedule 8(a)- Building and Construction projects as per EIA Notification dated 14th Sept, 2006 and its amendments.

3. **Location and connectivity:**

Sl. No.	Particulars	Details	Approx. Distance & Direction from Project Site
i)	Address	Plot No. 541, 544/9187 & 540, at Khata no Khata No.: 415, 412/1069 & 421; At Mouza - Rudrapur, Tehsil - Bhubaneswar, District - Khordha, State - Odisha – 752101	-
ii)	Geographical Co-Ordinates	Latitude: 20°19'17.21"N Longitude: 85°53'1.69"E	-
iii)	Toposheet No.	F45T15 & F45T16	-
iv)	Kisam of Land	Block-A: Gharabari Block-B: Gharabari Block-C: Gharabari	-
v)	Nearest Distance of Approach Road	Service Road of NH-16 (Howrah to Chennai)	10.5 m
vi)	Nearest National Highway	NH- 16 (Howrah to Chennai)	17.5 m
vii)	Nearest Railway Station	Mancheswar Rail Way Station,	3.97 K.M.
		Bhubaneswar Rail Way Station	7.37 K.M.
viii)	Nearest Airport	Bijupatnaik International Airport	10.15 K.M.
ix)	Nearby Habitation	Rudrapur	(West),
		Haridaspur	(North-West),
		Saleswar	(East),
		Atala	(South-East)

4. **Details of water bodies:**

Sl. No.	Location	Distance (KM) W.R.T Project Site	Direction
i)	Kuakhai River	1.12	SW
ii)	Puri Main Canal	0.33	SW
iii)	Prachi Nalla near Project site	0.28	N
iv)	Kushabhadra River	2.71	S

5. **Impact of drainage:** The proposed project includes a Sewage Treatment Plant (STP) based on MBBR technology to treat wastewater in compliance with prescribed standards and will generate approximately 117.4 KLD of treated water, out of which 47 KLD will be reused for flushing through a dual plumbing system, 7 KLD for cleaning of Road/Basement/Vehicles, and 7.58 KLD for horticulture. The remaining 44.08 KLD will be safely discharged to the nearest existing drain without contamination. Additionally, from the 61.3 KLD of total stormwater runoff, 38.61 KLD runoff generated from the rooftop area will be recharged through 23 nos. of groundwater recharging pits, while the remaining 22.69 KLD from paved and landscaped areas will be directly discharged to the same drain. A well-designed stormwater drainage system will be implemented to prevent waterlogging and ensure that there is no obstruction, overburdening or diversion of the natural drains, thereby maintaining the local hydrological balance. Consequently, the proposed project will have no adverse impact on the existing drainage system or nearby water bodies.
6. The site is coming under Bhubaneswar Development Authority with the total plot area of 7570 sq.mt. /Ac.1.870 DEC /0.757 Ha. and total built-up area 26980.70 sq.mt.

7. **The Building Area Details of the Project in tabulated form :**

Building (A): - 65 nos. of Dwelling unit (Residential)						
Floor		Existing Area	Approved Area		Proposed	Deviation
Stilt Floor	Service	125.05 m ²	service	58.24 m ²		
			Society	52.20 m ²		
	Parking	1394.87 m ²	Parking	1557.01 m ²		
	Total	1519.92 m ²	Total	1667.45 m ²	-	Nil
1 st – 4 th Floor		5,108.92 m ² (1277.23 m ² each)	4,909.2 m ² (1227.30 m ² each)		-	49.93 m ² Each
5 th Floor		-	-		1277.23 m ²	-
Total B. U. A		6628.84 m ²	6,576.65 m ²		1277.23 m ²	199.72 m ²
Total F. A. R Area: 6511.20 m ²						
Building (B): - (Commercial)						
Floor		Existing Area	Approved Area		Proposed	
Basement Floor	service	Nil	Service	31.34 m ²	service	48.94 m ²
	Parking	Nil	Parking	536.03 m ²	Parking	333.41 m ²
	Total	Nil	Total	567.37 m ²	Total	382.35 m ²
Stilt Floor	service	Nil	Service	42.74 m ²	service	48.94 m ²
	Parking	Nil	Parking	524.63 m ²	Parking	324.32 m ²
	Total	Nil	Total	567.37 m ²	Total	373.26 m ²
1 st – 3 rd Floor		Nil	1,702.11 m ² (567.37 m ² each)		1,529.4 m ² (382.35 m ² each)	
4 th Floor		Nil	335.84 m ²			
Total B. U. A		Nil	6,576.65 m ²		2285.01 m ²	
Total F. A. R Area: 1634.60 m ²						
Building (C): - 99 nos. of Dwelling Unit (Residential)						

Floor		Existing Area	Approved Area	Proposed	
Basement Floor	service	Nil	Nil	service	50.22 m²
	Parking	Nil	Nil	Parking	1349.57 m²
	Total	Nil	Nil	Total	1399.79 m²
Stilt Floor	service	Nil	Nil	service	101.57 m²
	Parking	Nil	Nil	Parking	2918.69 m²
	Total	Nil	Nil	Total	3020.26 m²
1 st – 4 th Floor		Nil	Nil	12,362.25 m² (2472.45 m² each)	
5 th Floor		Nil	Nil		
Total B. U. A		Nil	Nil	16782.30 m²	
Total F. A. R Area: 12514.04 m²					

8. Land acquisition status:

Details of Land Ownership		
Land Owner	Land Details	Total Holding
Smt. Deepa Mohanty @ Mathews	Khata No. 412/1069, Plot No. 544/9187 – AC. 0.230 Decimals	AC. 0.850 Decimals
	Khata No. 415, Plot No. 541 – AC. 0.620 Decimals	
Smt. Rekha Patro @ Mathews	Khata No. 421, Plot No. 540	AC. 1.020 Decimals
Legal Authorization <ul style="list-style-type: none"> Landowners have appointed M/s OM SWASTIK as their lawful Attorney. Authorized via Registered General Power of Attorney to Sri Deepak Tripathy. Empowered to plan, develop & utilize the land as per BDA norms. 		
Developer Details – M/s OM SWASTIK A Joint Venture of: <ol style="list-style-type: none"> Om Nivas Nirman Pvt. Ltd. (Est. 2005) <ul style="list-style-type: none"> Known for: Premium residential projects in Bhubaneswar, Puri, Dhenkanal Swastik Builders and Developers Pvt. Ltd. (Est. 1995) <ul style="list-style-type: none"> Known for: Engineering excellence in Cuttack & Puri Registered Office: Om Ville, Shree Vihar, Patia, Bhubaneswar – 751031		
Key Project Highlights		
i)	Total Land	AC. 1.870 Decimals
ii)	Location	Hanspal-Rudrapur Corridor, Bhubaneswar
iii)	Legal Backbone	GPA from landowners
iv)	Development Approval	Under Bhubaneswar Development Authority (BDA)
v)	Title of the Project	Urmilla Abode, Victory Tower & Rekha Apartment
vi)	Developer Brand	OM SWASTIK

9. Land use:

Land use pattern	Area in m ²	Percentage (%)
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Total Plot Area	7570.00	100
Ground coverage/Plinth area (Block- A, B & C)	4913.44	64.90
Green belt Area/ Landscape area	757	10
Paved Area	1450	19.15
Un-Paved Area	262.59	3.46
STP & SWM Area	30	0.39
Surface Area Parking	156.97	2.07
Total Build up area	26980.70	-
F.A.R Ratio	2.729	-

10. Water requirement details:

Sl. No.	Particulars	Details
i)	Total domestic Water Requirement	135 KLD
ii)	Fresh Water (Source: Borewell & Municipal)	88 KLD
iii)	Flushing Water	47 KLD
iv)	Waste water generated (@80% fresh + 100% flushing)	70.4 + 47 = 117.4 KLD
v)	STP Capacity (considered 20% extra as per norms)	140 KLD
vi)	Treated Water from STP	105.66 KLD
vii)	Horticulture	7.58 KLD
viii)	Cleaning for Road/Basement/Vehicles	7 KLD
ix)	Runoff Water in Monsoon	63.91 KLD
x)	Discharge to Drain	44.08 KLD (Summer) 105.38 KLD (Monsoon)
xi)	Groundwater extraction/usage	For Fresh Water Used
xii)	Clearance from CGWA	NOC/INF/OD/2025/1559/N

Table: Details of Water Balance

Total domestic Water Requirement	135 KLD
Fresh Water	88 KLD
Flushing Water	47 KLD
Waste water generated (@80% fresh + 100% flushing)	70.4 + 47 = 117.4 KLD
STP Capacity (considered 20% extra as per norms)	140 KLD
Treated Water from STP	105.66 KLD
Horticulture	7.58 KLD
Cleaning for Road/Basement/Vehicles	7 KLD
Treated Water discharge to nearest existing drain	44.08 KLD
Runoff Water in Monsoon	63.91 KLD
Fresh Water Consumption (Construction Phase)	12.47 KLD
Fresh Water Consumption (Operation Phase)	Block-A = 34 KLD Block-B = 2 KLD

11. Power requirement details:

Sl. No.	Particulars	Details
Power Requirement		
i)	Total M.D. of Project in	1098 KW
ii)	M.D. in KVA for 0.8 p.f lag	1850 KVA
iii)	Required Transformer Rating in KV for 95% capacity Utilization	1445 KVA \approx 1500 KVA
iv)	Specification of Transformer	3 nos. of 500 KVA, 11/0.433 KV, Copper Wound, DY-11 ONAN Outdoor with off load Tap Changer (+2.5% to -7.5%)
v)	Source	TPCODL
D.G Set Details		
i)	Total Overall M.D. of Project in	391 KW
ii)	M.D. in KVA for 0.8 p.f lag	489 KVA
iii)	Required DG Rating in KVA for 90% Capacity utilization	543 KVA \approx 550 KVA
iv)	Height of the D.G. Stack	19.72 mtr. \approx 20 mtr.
v)	Specification of D.G Set	<ul style="list-style-type: none"> • 2 nos. of 200 KVA (Residential Use) • 1 no. of 160 KVA (Commercial Use) • Silent Type as per BS 6 & latest CPCB norms with electronic governor and synchronization compatibility
DETAILS OF SOLAR POWER GENERATION		
i)	Total Overall M.D. of Project	1098 KW
ii)	Solar Power contribution Required @ 5% towards total power required in project	54.91 KWp
iii)	Solar Power to be generated by Roof Top Solar Panels	55 KWp
iv)	No. of Solar Panels of 600 Watt Required	92 nos.

12. Rainwater harvesting details: As per the project design, rainwater harvesting for storage is not proposed. Instead, a rainwater recharge system is proposed to replenish the groundwater table, with 23 recharge pits designed to handle 235.5972 m³/day, in compliance with the ODA Act, 2020.

Source of Runoff	Coefficient of Runoff (C)	Annual Avg. Rainfall Intensity (I)	Area (A)	Total Runoff Quantity
Roof Top	0.9	1.4 m/Annum	3926.60 m ²	4947.5 m ³
Paved Area	0.7	1.4 m/Annum	2129.40 m ²	2086.42 m ³
Landscape Area	0.3	1.4 m/ Annum	1514 m ²	635.88 m ³

13. Parking details:

Table: For residents

Block	Provided Parking (m ²)		
	Basement	Stilt	Total Area
A (Res.)	-	1394.87	1394.87
B (Com.)	333.41	324.32	657.73
C (Res.)	1349.57	2918.69	4268.26
Total	1,682.98	4,637.88	6320.86
Equivalent Car Space Provided			
	Area(m²)	Area/ECS	
Stilt Parking Area	4,637.88	28	166 ECS
Basement Parking Area	1,682.98	32	53 ECS
Total Parking Provided			219 ECS

Table: For visitors

Block (Res.)	Visitors Parking (m ²)		Total Area (m ²)
	Covered	Open	
A	139.48	52.95	192.43
C	328.39	104.02	432.41
Total	467.87	156.97	624.84

14. Firefighting Installations: The proposed Residential-cum-Commercial Building will be equipped with a robust fire safety system complying with NBC 2016. The project will include a fully synchronized fire alarm panel integrated with all detection and suppression devices for quick response. An automatic control panel will be installed at the stilt floor electrical room to manage all fire safety systems. For smoke control and stairwell pressurization, a pressurization fan with 13,600 CFM capacity will be provided, powered by a 3.7 kW (5 HP), 1440 RPM motor. The system will be supported by G.I. ducting with flexible canvas connections to ensure efficient air distribution and operational flexibility. These measures ensure quick response, effective suppression, and compliance with statutory fire safety norms. Key installations include:

- 100 mm diameter down comers in each block for water supply.
- Three-way fire service inlets and hydrant valves for easy access during emergencies.
- 30 m hose reels, double hose boxes (2 × 15 m hoses with branch pipes), and pendant sprinklers for automatic fire suppression.
- Portable fire extinguishers placed strategically throughout the premises.
- Butterfly valves, reducers, and test & drain valves with sight glass for flow regulation and system monitoring.
- 3 nos. of 12-watt wall mounted speakers will be installed at every floor of the Block – B.
- 2 nos. of 25000-liter fire terrace tank will be installed at the Block-A & C.

15. **Green Belt Development:** Green belt will be developed over an area of 757 m² which is 10 % of the total plot area. Total 96 nos. of plants to be planted with 1-meter spacing between each plant, following a two-tier plantation system.

16. **Solid Waste generation and management:**

Block	No. of persons	Residenti al refuse (0.6kg/ca pita/day)	Visitors of Block A & C (0.15kg/capi ta/day)	Commerc ial refuse (0.2kg/ca pita/day)	Total organic solid waste generated (40%)	Total inorganic solid waste generated (60%)
A	365	219	5.55	-	89.82	134.73
B	256	-	-	51.2	20.48	30.72
C	572	343.2	8.55	-	140.7	211.05
STP Sludge	(10%STP Capacity) (140KLD)	-	-	-	14	-
Total	1193	562.2	14.1	51.2	265	376.5
		576.3				
Total Solid Waste generated					641.5 kg/day or 0.6 T/day	

17. Solid Waste Calculation only for BMC Collection is 627.5 Kg/Day (excluding sludge waste).

I. Primary Collection:

- Each floor will be provided with three color-coded types bins:
 - Green (Biodegradable)
 - Blue (Recyclables)
 - Dark Grey (Hazardous/Non-recyclables)
- Waste will be collected twice daily by housekeeping staff. Litter bins will be placed in open areas like parks.

II. Secondary Collection: Segregated waste will be transported via service lifts to a centralized waste room at the stilt level with dedicated bins.

III. Tertiary Collection: Bhubaneswar Municipal Corporation (BMC) will collect waste daily for final disposal/treatment.

IV. Waste Treatment:

- **Biodegradable Waste:** Will be treated using Organic Waste Converter (OWC); compost used in landscaping. STP sludge and horticultural waste will also be composted.
- **Non-Bio-Degradable Waste:** Both the recyclable and non-recyclable waste after collection will be hand over/ disposed through a Govt. approved agency.

18. **Manpower details:** Proposed employment generation will be 10 (skilled and un-skilled).

19. **Project cost:** The estimated project cost is 98 Crore or 9,800 lakhs and cost for EMP is 231 Lakhs. Total Capital Cost is ₹158.4 Lakhs. Total Recurring Cost per Annum is ₹36.3 Lakhs. Total Recurring Cost for 2 Years is ₹72.6 Lakhs and Grand Total (3 Years) is ₹158.4 + ₹72.6 = ₹231 Lakhs

Sl. No.	EMP Component	Capital Cost in Lakhs (Non-Recurring)	Recurring Cost per annum (in Lakhs)
i)	Environmental Monitoring	2	3.0
ii)	Green Belt Development & Plantation	2	3.0
iii)	Rainwater Harvesting & STP Setup	97	15.7
iv)	Fire & Safety Equipment Installation	36	1.0
v)	Waste Management & Recycling System	21.4	8.6
vi)	Disaster & Emergency Preparedness	-	5
	Total	158.4	36.3

20. **Environment Consultant:** The Environment consultant **M/s Global Tech Enviro Experts Pvt. Ltd., Bhubaneswar** along with the proponent made a presentation on the proposal before the Committee.

Considering the information furnished and the presentation made by the consultant, **M/s Global Tech Enviro Experts Pvt. Ltd., Bhubaneswar** along with the project proponent, the SEAC recommended the following;

- i. **The proponent may be asked to submit the following for further processing of EC application:**
 - i) Total built-up area of existing building and copy of building plan approval letter for the existing building.
 - ii) Project proponent shall increase the greenbelt from 10% to minimum upto 20% of the total plot area.
 - iii) Clear layout map showing the two different ramps for entry and exit for residential and commercial, greenbelt (20%), fire corridor, rainwater harvesting pits, internal drainage and final outfall to nearest drain etc. covering all environmental aspects.
 - iv) Detailed breakup of parking area for residential and commercial (in terms ECS as well as in terms of percentage format).
 - v) NOC/Permission from concerned authority (NHAI-as stated by PP) to discharge the storm water and treated water into the nearest public drain.

- vi) Traffic study report vetted by reputed institute.
- vii) The committee observed that fire corridor is 3.4m all along the boundary and there is also Fire NOC for it, if it is in guidelines then submit the documents for reference. Note on fire management plan and how vehicular movement will be in 3.4m fire corridor.

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

- i) Environmental settings of the project site.
- ii) Verify if the site is a flood prone area.
- iii) Construction activity if any started at the site and extent of construction activity.
- iv) Road connectivity to the project site.
- v) The drainage network at the site along with plan to discharge excess sewage water and storm water to the nearest public drain.
- vi) Discharge point for discharge of treated water and distance of the discharge point from the project site.
- vii) Any other issues including local issues.

21. The SEAC in its meeting held on dated **30.05.2025** decided to take decision after receipt of the following information and documents 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)	Total built-up area of existing building and copy of building plan approval letter for the existing building.	<ul style="list-style-type: none"> Total built-up area of existing building is 9749.34 sqm. Copy of building plan approval letter for the existing building herewith enclosed as (Annexure –1). 	Complied												
ii)	Project proponent shall increase the greenbelt from 10% to minimum upto 20% of the total plot area.	<p>Noted. The greenbelt area will be increased from 10% to a minimum of 20% of the total plot area as per the SEAC recommendation and the details are as under the table:</p> <table> <tr> <th>Sl. No.</th><th>Particulars</th><th>Area (Sq.M)</th><th>Area (%)</th></tr> <tr> <td>1.</td><td>Total Land Area</td><td>7570</td><td>100.00</td></tr> <tr> <td>2.</td><td>Area required for Greenbelt ($\geq 20\%$)</td><td>1514</td><td>20.00</td></tr> </table>	Sl. No.	Particulars	Area (Sq.M)	Area (%)	1.	Total Land Area	7570	100.00	2.	Area required for Greenbelt ($\geq 20\%$)	1514	20.00	Complied
Sl. No.	Particulars	Area (Sq.M)	Area (%)												
1.	Total Land Area	7570	100.00												
2.	Area required for Greenbelt ($\geq 20\%$)	1514	20.00												

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent				Views of SEAC		
		3.	Greenbelt covered Area Types					
		3.1	Vertical Gardening on total Boundary Wall	810	10.70			
		3.2	Open Terrace of (Block-A)	240.2	3.17			
		3.3	Open Terrace of (Block-C)	535.08	7.06			
		3.4	Ground Coverage besides Block-C	56.01	0.74			
		3.5	Ground Coverage besides Block-A	36.52	0.48			
		Total resulted Area after Calculation		1677.81	22.16			
iii)	Clear layout map showing the two different ramps for entry and exit for residential and commercial, greenbelt (20%), fire corridor, rainwater harvesting pits, internal drainage and final outfall to nearest drain etc. covering all environmental aspects.	Herewith enclosed, <ul style="list-style-type: none">The layout plan clearly showing separate entry and exit ramps for residential and commercial areas, 22% greenbelt, rainwater harvesting pits, internal drainage, and final outfall to the nearest drain covering all environmental aspects (Annexure – 2)Fire corridor - (Annexure – 3)				Layout map Complied		
iv)	Detailed breakup of parking area for residential and commercial (in terms ECS as well as in terms of	Parking Area Details (Block A+B+C) <table><tr><td>Block</td><td>Provided Parking (m²)</td></tr></table>				Block	Provided Parking (m²)	----
Block	Provided Parking (m²)							

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent				Views of SEAC
	percentage format).		Basement	Stilt	Total Area	
		A (Res.)	-	1394.87	1394.87	
		B (Com.)	333.41	324.32	657.73	
		C (Res.)	1349.57	2918.69	4268.26	
		Total	1,682.98	4,637.88	6,320.86	
		Equivalent Car Space Provided				
			Area(m ²)	Area/ECS		
		Stilt Parking Area	4,637.88	28	166 ECS	
		Basement Parking Area	1,682.98	32	53 ECS	
		Total Parking Provided			219 ECS	
		<u>Parking Area Details for Visitors</u>				
		Block (Res.)	Visitors Parking (m²)		Total Area(m²)	
			Covered	Open		
		A	139.48	52.95	192.43	
		C	328.39	104.02	432.41	
		Total	467.87	156.97	624.84	
v)	NOC/Permission from concerned authority (NHAI-as stated by PP) to discharge the storm water and treated water into the	Herewith enclosed, the NOC/permission from the concerned authority PHD, BBSR & BMC for discharge of storm water as Annexure - 4 and treated water into the nearest public drain Annexure – 5, as stated.				NOC has been obtained from Addl. Chief Engineer, PH Division, Odisha for own water

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
	nearest public drain.		supply and Sewerage disposal system as there is no sewerage system of WATCO at present.
vi)	Traffic study report vetted by reputed institute.	Traffic study report which was vetted by Indian Institute of Technology, Bhubaneswar is herewith enclosed as Annexure - 6.	Complied
vii)	The committee observed that fire corridor is 3.4m all along the boundary and there is also Fire NOC for it, if it is in guidelines then submit the documents for reference. Note on fire management plan and how vehicular movement will be in 3.4m fire corridor.	<ul style="list-style-type: none"> As per our revised layout drawing, we have increased the fire corridor to 4.0 m. which has been provided along the boundary. Herewith enclosed are the relevant documents for reference as Annexure - 7. A note on the fire management plan, including vehicular movement within the 4.0 m corridor, is also submitted as Annexure - 8. 	Nowhere it has been mentioned that the PP has increased the fire corridor to 4.0 m. (Neither in the Fire safety recommendation in Annexure-7 Nor in the fire management plan at annexure – 8)

22. The proposed site was visited by the sub-committee of SEAC on 20.06.2024. Following are the observations of the sub-committee:

- i) Drainage plan till fall-out with NOC from NH authority or BMC to be obtained.
- ii) No many trees are planted thus; PP was advised to plant the green belt in rainy season.
- iii) PP has constructed part of one block and commercial which was below 20000 m². Copy of earlier plan to be submitted.
- iv) PP is now proposing another block in the vacant space for which EC is required as the total construction increases over 20000 sq mt.
- v) Fire corridors document in support of fire corridor to be submitted if NOC is taken, else to take Fire safety NOC and permission to maintain fire safety.
- vi) A second gate at the side sub road to be kept with width of minimum 6 m.
- vii) As it is low land, level of existing building, proposed building, and road to be maintained to avoid flooding.

viii) Architecture certificate about construction till date is as per plan to be submitted.

23. The SEAC in its meeting held on dated 30-07-2025 recommended for grant of Environmental Clearance valid for 10 years with stipulated conditions as per Annexure – A in addition to the following specific conditions. However, the SEIAA, Odisha may consider to issue EC after the proponent submits architecture certificate about construction till date is as per building plan approval letter of BMC, Bhubaneswar vide no. 68237, dated 27.08.2021.

- i) The Proponent before implementation of the project shall convert the land to Gharabari and shall take the ownership of the land if not already taken.
- ii) 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.
- iii) NOC/Permission for discharge of treated water along with storm water to the Canal to be obtained from the appropriate authority including passing the Govt land.
- iv) Internal drainage plan with RWH/Re-charge Pits to be taken up based on requirement and with approval of the authority.
- v) Care to be taken in developing land scape to avoid flood situation.
- vi) The proponent shall use solar energy at least to the tune of 5% of total power requirement as proposed.
- vii) The proponent shall obtain permission from concerned Fire Safety Authority and maintain proper fire corridor as per recommendation of the Fire Safety Authority.
- viii) The commercial block to be used only for the residents of that apartment as mentioned by PP.
- ix) Trees located within the project area shall be transplanted to alongside the boundary green development area.
- x) The proponent shall implement the Pollution Control Measures and safeguards as proposed in the Environment Management Plan (EMP) of project report.
- xi) The project proponent shall maximise utilisation of treated water in flushing, plantations and ground washings etc. as per need to reduce water discharge to drain. This shall be verified in future compliance report.
- xii) The PP will not commence construction unless the drain lay out is finalized and permission given for the same by the authority to discharge excess treated water & storm water.
- xiii) All compliances submitted/ committed by PP(s) shall be strictly adhered to them in addition to all the conditions/ specific conditions of EC.

REASON FOR REFERRED BACK FROM SEIAA:

24. The proposal was placed in the 232th meeting of SEIAA held on 22.08.2025 and after detailed deliberation the authority decided to return back the proposal to SEAC for reappraisal of the project with respect to approved building plan and area constructed. The report of the area already constructed shall be authenticated by BDA.
25. After detailed discussion, the SEAC decided to take decision on the proposal after Project Proponent furnish a certificate from BDA empaneled Architect or Govt. empaneled Architect for certifying extent of construction w.r.t approved building plan **as observed by SEIAA.**
26. Any other issues including local issues.
27. The SEAC in its meeting held on dated **09.09.2025** decided to take decision after receipt of the following information and documents 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)	The SEAC decided to take decision on the proposal after Project Proponent furnish a certificate from BDA empaneled Architect or Govt. empaneled Architect for certifying extent of construction w.r.t approved building plan as observed by SEIAA.	Submitted	The PP has submitted a certificate from BDA empaneled Architect, but the area mentioned in square feet instead of square meter. To be decided by SEAC members

After detail discussion, the SEAC decided to take decision on the proposal after receipt of following clarification/information from the Project Proponent:

a) The Project Proponent shall submit revised certificate from BDA empanelled Architect or Govt. empaneled Architect for certifying extent of construction w.r.t approved building plan as in submitted certificate the total existing built-up area does not tally with earlier submitted figure in the application.

28. The SEAC in its meeting held on dated **08.10.2025** decided to take decision after receipt of the following information and documents 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
ii)	The Project Proponent shall submit revised certificate from BDA empanelled Architect or Govt. empanelled Architect for certifying extent of construction w.r.t approved building plan as in submitted certificate the total existing built-up area does not tally with earlier submitted figure in the application.	The PP has submitted certificate from BDA empaneled architecture R&P Associates	The figure of approved area and constructed area given in the certificate is not matches with figure of earlier submitted approved built up area and constructed area.

After detail discussion the SEAC decided to take decision on the proposal after receipt of following clarification from the Project Proponent:

a) The figure of approved area and constructed area given in the certificate of BDA empanelled Architect does not matches with figure of earlier submitted approved built up area and constructed area (the figure in Block-B in first floor the approved built-up area is mentioned as 567.27m² instead of 567.37m²). Submit revised and correct certificate.

REFERRER BACK PROPOSAL FROM SEIAA:

ITEM NO. 07

PROPOSAL FOR ENVIRONMENTAL CLEARANCE OF M/S RAIKELA IRON ORE MINES OF SHIV DUTT SHARMA OVER AN MINING LEASE AREA OF 14.933HA. (DGPS AREA 14.564HA./ROR AREA 14.513HA.) LOCATED IN VILLAGE - RAIKELA, UNDER BONAI SUB DIVISION, SUNDERGARH DISTRICT, ODISHA, OF SRI SHAKTI RANJAN DASH (AUTHORIZED REPRESENTATIVE) - TOR

1. The proposal was considered by the committee to determine the "Terms of Reference (ToR)" for undertaking detailed EIA study for the purpose of obtaining Environmental Clearance in accordance with the provisions of EIA Notification, 2006 and amendment thereafter.
2. This proposal is for Terms of Reference for Environmental Clearance of Raikela Iron Ore Mines of Shiv Dutt Sharma over an Mining lease area of 14.933Ha. (DGPS area 14.564Ha./ RoR area 14.513Ha.) located in village - Raikela, under Bonai sub division, Sundergarh District, Odisha of Sri Shakti Ranjan Dash.
3. **Category:** As per EIA Notification, 14th September 2006 followed by subsequent amendments, the proposed project falls under Category B1 – schedule 1 (a) – Mining of Minerals.
4. The mining lease of Raikela Iron Ore of Shri Shiv Dutt Sharma is over an extent area of 14.513 Ha. (forest area is 7.00 ha. and non-forest area is 7.513 ha.) located at village Raikela, Tahasil Koira, under Bonai sub-division of Sundargarh district is granted and executed on 21st January 1982 for a period of 30 years. As per Section 8A (3) of the MMDR Act 2015, the lease is deemed to have been extended up to 20th January 2032.
5. **The mine was under operation from 2000-01 to 2009-10. Further, the Mining Operation was stopped by the Lessee since 12.12.2011 on receipt of the direction from DDM, Koira vide letter dated 26.11.2011.**
6. The State Govt. of Odisha declared the lease as lapsed vide proceeding No. 1136 dated 31.03.2015.
7. As per the direction of Hon'ble Supreme Court of India, Govt. of Odisha, the mine has been saved under 20 (6) of MC Rules, 2016 vide proceeding dated 02.05.2022.
8. **Further, the mine has produced excess of Iron (as accessed by CEC) beyond permitted quantity and without obtaining prior environmental clearance during the year 2000-01 to 2010-11.**

9. Therefore, in pursuance of the Supreme Court order dated 02.08.2017 in WP(C) no. 114/2014, Director of Mines, Govt. of Odisha vide its letter dated 17.05.2022 raised the demand of Rs 6,65,23,573/- for excess production of Iron Ore beyond permitted quantity and without obtaining environmental clearance during the year 2000-01 to 2010-11.
10. Accordingly, the project proponent deposited the demand amount on dated 23.08.2022 and 20.10.2022. As such Lessee has cleared all the due in pursuance of the Supreme Court order dated 02.08.2017 in WP(C) no. 114/2014.
- 11. List of Statutory Clearances obtained earlier –**
- Approved Mining Plan vide no. RMP 2268/2023-24IBM_RO_BBS dated 28.05.2024 valid up to 31.03.2029.
 - The lease area comprises 14.513 ha. out of which 7.00 Ha. is of forest land and 7.513 ha. is non-forest land. Lessee has applied diversion proposal vide proposal no. FP/OR/MIN/QRY/505523/2024 on dated 23.11.2024 which is under process at Authority.
- 12. Location and connectivity:** The proposed project is situated at Village Raikela, Tahasil - Koira, Dist. – Sundargarh, Odisha. The site falls under Toposheet No. – 73 G/1 and Seismic Zone-II (Least Active). The geographical co-ordinates are Latitude - 21°52'33.199"N - 21°52'55.32"N & Longitude - 85°11'14.01"E - 85°11'31.00"E. The nearest road connectivity is NH-520, Panikoili to Rajamunda – 7.0 Km – NE, Koira- Barsuan Road - 0.5 Km – S. Nearest Airport - Biju Patnaik International Airport, Bhubaneswar –185 Km– S. Nearest water body: Urahuri Nalla – 2.5 Km, Nearest Habitation: Raikela village – 0.1 Km – E, Nearest Reserve Forest: Sarkanda R.F. – 1.3 Km – S. There is no WLS /National Park / Biosphere Reserve / Elephant Corridor / Tiger Reserve / Eco-Sensitive area within 10 km radius area of the proposed site.
- 13. Total Reserves and Proposed Production** – The Mineable Reserve: Iron Ore-486753 MT. Proposed Production Capacity- 0.380MTPAT.
- 14. Life of Mines** – At present 6 years, further it will be increase after detail exploration.
- 15. Summary of products generated:**

Products	Existing	Additional	After Expansion
Iron Ores	Nil	0.380 MTPA	0.380 MTPA

16. Mining Plan Details:

- Method of Mining:** Open cast method of mining will continue on 8 hourly single shift basis with the deployment of machines like 105mm DTH drill, 2.5m³ capacity excavators, 30t capacity dumpers etc. Height and width of the benches will be kept at 6m and 8m respectively, vertical (80°) & horizontal (40°). Transportation will be by trucks & dumpers.
- Mining process:** Mining operation is proposed to be in single shift (8 hours). Firstly, the weathered zone will be scraped from the top. Then, drilling will be carried out by using Rock breaker. Excavation & separation is done in two phases. One phase is removal of Quartzite along with gangue from the quarry face. The second phase is splitting-sizing-sorting to make it marketable. Crowbars, Pickaxe, Sludge hammer etc. will be used for breaking of the ore. Handling and loading of different sized blocks to stock yard will be done by hydraulic excavator.

Transportation of marketable Iron ore will be done by Dumpers/trucks to the respective destinations. Mineral rejects will be transported to the waste dump.

c) **Details of crushers /screen/beneficiation plant if any with capacity and numbers:**
Crusher-Jaw Crusher-150 TPH, Mobile screening plant- 200 TPH.

d) **Land use as per mining plan at the end of plan period and at conceptual stage:**

Sl. No.	Type of Land use	Existing Period (in Ha)	Additional Area to be utilized (in ha)	Conceptual Period (in Ha)
1	Mining	2.72	5.198	7.918
2	Mineral Storage	0.20	1.02	1.22
3	Roads	0.40	0.2	0.60
4	Infrastructure (Workshop, Administration, building etc.)	0.20	0.2	0.40
5	OB/ Waste Dump	0.78	0.85	1.63
6	Green Belt	1.455	0	1.455
7	Undisturbed Area	8.758	7.468	1.29
	Total	14.513		14.513

e) **Year- wise Production Details**

Year	Iron Ore (t)
2024-25	0.00
2025-26	10080.00
2026-27	20020.00
2027-28	40040.00
2028-29	380170.00
Total	450310.00

17. **Water requirement:** Total water requirement will be 25 KLD from Borewell.

18. **Power requirement:** Total power requirement is 5 KWh. Power will be sourced from State grid. However, a 500 KVA DG set will be there for any emergency.

19. **Details of waste generated-** During the plan period of 5 years from 2024-25 to 2028-29, 450310T iron will be produced with the generation of 321650T waste materials. Therefore, the Ore to OB ratio is anticipated to be 1:0.357 (m³/ton).

20. **Mitigation of waste produced-** There are 1 no proposed waste dump over an area of 1.63 Ha. Waste will be stored at the designated places as per the approved Mining Plan. In plan period waste will be utilized for road maintenance. Further, in conceptual period it will be used for back filling.

21. **Greenbelt:** A total of 1.455ha will be covered under greenbelt.

22. **Manpower requirement:** About 104 manpower will be required.

23. **Project cost:** The estimated capital cost of the project is around ₹ 39.387 Crores.

24. **Environment Consultant:** The Environment consultant **M/s EHS 360 LABS Pvt. Ltd, Chennai** along with the proponent made a presentation on the proposal before the Committee.

Considering the information / documents furnished by the proponent and presentation made by the consultant **M/s EHS 360 LABS Pvt. Ltd, Chennai**, the SEAC decided to take decision on the proposal after receipt of following:

- i) Status of forest clearance for the proposed project.
- ii) Details of the waste disposal method followed.
- iii) Traffic study vetted by Institute of repute.
- iv) Details of the greenbelt area covered under the proposed project.
- v) Surface runoff management along with rainwater harvesting and ground water recharge including the design of drainage structures by domain experts from a reputed institute.
- vi) Details of the safety measures undertaken from the surrounding mines.
- vii) Note on the plan for Overburden Dump management.
- viii) Details of installation of Air & Water Pollution Control measures to be followed in the proposed project.
- ix) Slope stability study for both mine benches and OB /waste dumps by domain experts from a reputed institute
- x) Suggested measures against fly rock and ground vibration based on scientific study.

25. The SEAC in its meeting held on dated **07.03.2025** decided to take decision after receipt of certain information and documents 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)	Status of forest clearance for the proposed project.	Total mining lease area 14.513 hectares, out of which 7.00 hectares is forest land and the rest 7.153 hectares is non-forest land. The total forest area 7.00 hectares comprises of 6.409 hectares of revenue forest and 0.591 hectares DLC forest land. The Proposal submitted through online in Parivesh-2 portal vide Single window no-SW/216784/2024 and Proposal no- FP/OR/MIN/QRY/505523/2024 Dtd 23.11.2024. The User	Complied

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
		<p>Agency requests the State Govt. in Forest & Environment Dept. for diversion forest land for non-forest use over an area of 7.00hectares under FC Act, 1980.</p> <p>The User Agency has already paid Rs.54,29,010/- (Rupees Fifty-four lakh twenty-nine thousand and ten only) towards NPV.</p> <p>The Compensatory Afforestation land has been identified and allotted over 7.5Ha of non-forest Govt. land in village Kundheidiha under Gurundia Tahasil of Sundargarh district of Odisha.</p> <p>Compensatory Afforestation Scheme has prepared by DFO Bonai Forest Division and the financial outlay of CA Scheme has been approved by Addl PCCF for Rs 1.09,28,700/-.</p> <p>Now the Proposal has recommended by Forest, Environment & Climate Change Department, Govt of Odisha vide letter No. FE-DIV-FLD-0029-2025-11516/FE&CC Dt 20.05.2025 and forwarded to MoEF & CC, Govt of India, New Delhi for Stage-I approval.</p>	
ii)	Details of the waste disposal method followed.	<p>Total 160825m³ of Waste shall be generated during the plan period. The waste shall be dumped in the proposed dump earmarked in the non-mineralized area in the central part of the lease area.</p> <p>The waste generation are generally soft, mainly laterite</p>	Complied

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
		<p>and morum which will be used as road material. Waste generated from the quarry faces and in course of mining will be heaped 20m away from the face which will be subsequently removed by trucks/tippers to waste dumping yard.</p> <p>In the M.L. area there are two existing dumps namely Dump-1 & Dump-2, two dumps are situated in the non-mineral zone. Total 160825m³ of Waste generated during the plan period shall be dumped over the existing dump Dump-2 as earmarked in the central side of the lease area, covering an area of about 0.78 ha. The materials shall be transported to the dumping site by dumpers and tippers of 30t capacity. The dump shall be covering a height about 20 meters in total over an area of 1.63hects in the first five years. The same dump shall be used for ultimate/conceptual period covering 1.63hects and total 160959m³ waste shall be generated during conceptual period.</p> <p>The ultimate height of dump will be up to 20mt. The final dump slope shall be kept it for 260 from the ground level. Each terrace would have inward slope with catch drains at the inward side of terrace. The catch drains of the individual terrace would be connected to the garland drain outside the periphery of</p>	

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
		the dump. These catch drains shall preferably have half concrete open pipes followed by settling tanks to avoid wash offs. Each terrace have a provision of berms at the outer end to reduce gully formation due to rain water wash offs. The space left between different phases will be covered by top soil for growing plants in these areas. Moreover, dump slopes will also be utilized for plantation in order to prevent erosion to the dumps by the surface run-off (rain) water.	
iii)	Traffic study vetted by Institute of repute.	Traffic study conducted and vetted by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad. The same is attached as Annexure-1 .	Complied
iv)	Details of the greenbelt area covered under the proposed project.	Safety zone 7.5m along the Lease Boundary having 1.32 Ha and also Safety zone 10m along both side of Public Road having 0.135Ha with total 1.455Ha kept as green belt in the Lease area. In the Conceptual period the Mined-Out area, Area under Dumps, Area undisturbed/virgin, Area under utility services etc. of 12.97Ha has been proposed for reclaimed with plantation.	Complied
v)	Surface runoff management along with rainwater harvesting and ground water recharge including the design of drainage structures by domain experts from a reputed institute.	Surface runoff management along with rainwater harvesting and ground water recharge including the design of drainage structures has been prepared by the Empanelled Hydrologist of CGWA. The report is attached as Annxure-2 .	Complied

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
vi)	Details of the safety measures undertaken from the surrounding mines.	<p>Mining will be carried out by Open Cast method of mining will continue on 8 hourly single shift basis.</p> <p>7.5m wide strip along inner side of M.L boundary will be left as safety zone.</p> <p>Haul road will be maintained (a) in the M.L area to suit the load capacity of the truck/dumper and (b) with good condition. Width of the haul road will be kept more than 2 times of the width of truck / dumper. Gradient will be maintained up to a maximum of 1:16 for haul road and 1:10 for ramp. Haul road above the level of surrounding area will be provided with parapet wall / embankment. Warning notices and road signs will be posted along the haul roads at appropriate places like crossings, curves etc. for guidance of truck driver. Haul road will be properly maintained by way of adequate compaction and leveling. Water sprinkling will be done on the haul road for dust suppression for road safety as well as clean environment.</p> <p>Benches will be formed and worked in a top downward manner. Height and width of the benches will be kept at 6m and 8m respectively. The individual bench faces will be kept nearly vertical (85°) whereas the overall quarry slope angle (the angle between the line joining</p>	Complied

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
		<p>the toe of bottom bench and the crest of the top bench with the horizontal) is proposed to be maintained at around 400 with the horizontal. Safety barriers shall be made along the outer side of each bench. To avoid risk factors, high wall side of the working face will be fenced. There will be no overhang or undercut in benches.</p> <p>Latest technology shall be adopted for mining and allied activities. The method of mining will be as open cast mechanized Sensor based HEMM and advanced drilling and controlled blasting method shall be used.</p> <p>Portable steel blasting shelters (one end open type) shall be provided at the mine site for giving protection to the blasters during blasting. These blasting shelters are shifted time to time in accordance with the shifting of blast hole locations.</p> <p>Ear plugs, spectacles, helmets safety shoes, globes, pads etc. will be provided to the workers to save their ear, eye, head and other parts of the body while working. Rest shed will be provided to take rest in lunch period. Vocational training Centre shall be built up for conducting training classes and exhibition of models. Vocational training will be provided to the workers by trained executive to work safety in the mine. Adequate infrastructure will be provided to the workers for day-</p>	

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
		<p>to-day smooth management of the proposed mine.</p> <p>First-aid as well as medical facilities will be made available in the mine to take health care of the workers. Medical examination of workers shall be carried out periodically, records shall be maintained properly and treatment shall be done accordingly by the specialized Doctors. Ambulance will be provided to carry the patients to the nearby hospitals. Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure of dust and take corrective measures accordingly.</p> <p>Lessee will need the help of nearest state fire department located at Koira for rescue, if any high-risk accident occurs in the area.</p>	
vii)	Note on the plan for Overburden Dump management.	<p>During the plan period 450310t iron ore will be produced with the generation of 160825m³ waste materials.</p> <p>The following measures shall be implemented for Dump Management:</p> <ul style="list-style-type: none"> ➤ stabilization of OB dumps by way of grading/benching as prescribed in the approved mining plan. ➤ To ensure that angle of repose at any place is less than 28°. ➤ The prescription in the 	Complied

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
		<p>mining plan for terracing and benching are to be adhered to.</p> <p>➤ In the approved mining plan period 160825m³ waste will be generated. During the plan period waste will be generated in form of ferruginous laterite & limonite (both as overburden & intercalated waste). Therefore, waste management should be concerned with dumping of laterite & limonite.</p> <p>Retaining wall and garland drain would be provided around the proposed dumps. Precautionary measures to be adopted during waste disposal are as follows: -</p> <ol style="list-style-type: none"> I. The ultimate dump slope to be maintained around 26° with individual terraces slope not exceeding 37° II. Individual terrace height will be maintained at 10 m III. Each terrace will have inward slope with catch drains at the inwards side of the terrace. IV. The catch drains of the individual terrace will be connected to the garland drain outside the periphery of the dump. V. These catch drains will have half concrete open pipes followed by settling tanks to avoid wash offs. 	
viii)	Details of installation of Air & Water Pollution Control measures to be followed in the proposed project.	Details of installation of Air & water pollution control measures is attached as Annexure-3	Complied

Sl. No.	Information Sought by SEAC	Compliance furnished by the proponent	Views of SEAC
ix)	Slope stability study for both mine benches and OB /waste dumps by domain experts from a reputed institute	Slope stability study for both mine benches and OB/waste dumps prepared by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad. The same is attached as Annexure-4	Complied
x)	Suggested measures against fly rock and ground vibration based on scientific study.	Blasting & vibration study conducted by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad. The same is attached as Annexure-5 . Suggested Measures will be adopted during mining operation	Complied

26. The SEAC in its meeting held on dated 25-08-2025 has prescribed the following specific ToRs in addition to standard ToRs as per **Annexure – E** for conducting detailed EIA study.

- I. Details mineralogical & chemical analysis of waste & OB rejects to be submitted.
- II. Copy of Environmental Clearance for the prior exploration by drilling holes.
- III. Layout showing the details of waste dump yard, garland drain, settling pond, terrain of water
- IV. Permission copy from Department of Water Resources, for the usage of ground water.
- V. The project proponent shall explore the possibility of minimizing the tree felling and its further transplantation for their survival. At the time of EC presentation, brief note regarding this to be stated.
- VI. Details of parking plaza.
- VII. Traffic study report vetted by institute of repute.
- VIII. Progressive plan for post mining period.
- IX. Note on Surface runoff management and measures taken to augment the water resources in the area.
- X. Any forest land required outside the lease area for use of transportation route, if so, detailed status of diversion of such forest land is to be submitted.
- XI. Details of existing mines and their operational status within 10 kms radius is to be submitted.
- XII. The following information to be submitted.
- XIII. Compliance of mining plan, including waste and OB dump management, mine closure plan etc.
- XIV. Compliance to Common cause judgment
- XV. Status of R&R

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- XVI. Compliance of plantation
- XVII. Compliance of public hearing issues
- XVIII. Status of complaints/ court cases/legal action
- XIX. The following studies be undertaken by domain experts, viz:
- Blast vibration study if feasible with trial blasts
 - Socio economic study of the neighbouring habitation
 - Biodiversity study (with special emphasis on RET and endemic species) with audit mechanism.
 - Slope stability study for both mines and OB /waste dumps.
 - Surface runoff management along with rainwater harvesting and ground water recharge include the design of drainage structures.
 - Traffic density study, both inside the mines and at haulage roads, intersecting points of haulage road with public road.
 - Hydrology study: The study findings and the mitigation measures thereof to be submitted
- XX. RL of ground water during summer and rainy season along with RL of the ground post mining as per the approved mining plan to be reported.
- XXI. Report the contents of chromium, manganese, and other heavy metal elements such as vanadium, mercury etc. in the ground water samples of the study area.
- XXII. Cost of the CER calculated shall be utilized for the concerns of the people in terms of health, education, and infrastructure and environment protection. Project Proponent also shall include the budget for the betterment of schools nearby and to facilitate the online education system by providing Wi-Fi connectivity and desktops/tablets.
- XXIII. The project proponent should provide in the EIA Report details of all the statutory clearances, permissions, no objection certificates, consents etc. required for this project under various Acts, Rules and regulations and their status or estimated timeline after grant of EC.
- XXIV. The project proponent should submit the revenue plan for mining lease, revenue plan should be imposed on the satellite imaginary clearly demarcate the Govt. land, private land, agricultural land etc.
- XXV. The project proponent should submit the real-time aerial footage & video of the mining lease area and of the transportation route. The project proponent should submit the detailed plan in tabular format (year-wise for life of mine) for afforestation and green belt development in and around the mining lease. The project proponent should submit the number of saplings to be planted, area to be covered under afforestation & green belt, location of plantation, target for survival rate and budget earmarked for the afforestation & green belt development. In addition to this the project proponent should show on a surface plan (5-year interval for

life of mine) of suitable scale the area to be covered under afforestation & green belt clearly mentioning the latitude and longitude of the area to be covered during each 5 years. The capital and recurring expenditure to be incurred needs to be submitted. Presently in India there are many agencies which are developing forest in short interval of time. Thus, for the plantation activities details of the experts/agencies to be engaged needs to be provided with budgetary provisions.

- XXVI. The project proponent should submit the quantity of surface or ground water to be used for this project. The complete water balance cycle needs to be submitted. In addition to this PP should submit a detailed plan for rain water harvesting measures to be taken. PP should submit the year wise target for reduction in consumption of the ground/surface water by developing alternative source of water through rain water harvesting measures. The capital and recurring expenditure to be incurred needs to be submitted.
- XXVII. The project proponent should clearly bring out the details of the manpower to be engaged for this project with their roles /responsibilities/designations. In addition to this the project proponent should mention the number and designation of person to be engaged for implementation of environmental management plan (EMP). The capital and recurring expenditure to be incurred needs to be submitted.
- XXVIII. The project proponent should submit the year-wise, activity wise and time bound budget earmarked for EMP, occupational health surveillance & Corporate Environmental Responsibility. The capital and recurring expenditure to be incurred needs to be submitted.
- XXIX. The project proponent should submit the measures/technology to be adopted for prevention of illegal mining and pilferage of mineral. The project proponent should submit the detailed mineralogical and chemical composition of the mineral and percentage of free silica from a NABL/MoEF&CC accredited laboratory.
- XXX. The project proponent should clearly show the transport route of the mineral and protection and mitigative measure to be adopted while transportation of the mineral. The impact from the center line of the road on either side should be clearly brought out supported with the line source modelling and isopleth. Further, frequency of testing of Poly Achromatic Hydrocarbon needs to be submitted along with budget. Based on the above study the compensation to be paid in the event of damage to the crop and land on the either side of the road needs to be mentioned. The project proponent should provide the source of equations used and complete calculations for computing the emission rate from the various sources.
- XXXI. The project proponent should clearly bring out that what is the specific diesel consumption and steps to be taken for reduction of the same. Year-wise target for reduction in the specific diesel consumption needs to be submitted.
- XXXII. The project proponent should bring out the awareness campaign to be carried out on various environmental issues, practical training facility to be provided to the environmental engineer/diploma holders, mining engineer/diploma holders, geologists, and other trades related to mining operations. Target for the same needs to be submitted.
- XXXIII. The budget to be earmarked for the various activities shall be decided after perusal of the

Standard EC conditions. After perusal of Standard EC conditions if agreed the project proponent should also submit an undertaking by the way of affidavit for Compliance of Standard EC conditions already prescribed by the Ministry vide O.M. No and Specific condition if prescribed by the SEAC/SEIAA, Odisha.

- XXXIV. The project proponent should ensure that only NABET accredited consultant shall be engaged for the preparation of EIA/EMP Reports. The project proponent shall ensure that accreditation of consultant shall be valid during the collection of baseline data, preparation of EIA/EMP report and during the appraisal process. The project proponent and consultant should submit an undertaking the information and data provided in the EIA Report and submitted to the SEIAA, Odisha are factually correct and the project proponent and consultant are fully accountable for the same.
- XXXV. The project proponent should submit the photograph of monitoring stations & sampling locations. The photograph should bear the date, time, latitude & longitude of the monitoring station/sampling location. In addition to this the project proponent should submit the original test reports and certificates of the labs which will analyze the samples.
- XXXVI. The percentage of iron in the final waste generated and not used as iron ore or its upgradation.
- XXXVII. Compliance to NEERI recommendations.
- XXXVIII. "Zero discharge" management & "Zero Dust Re-suppression" management with SOP be submitted.
- XXXIX. Internal roads, drain management with network of the drain, retaining walls and settling tanks with ETPs be submitted.
 - XL. Details of air quality monitoring stations of the area and additional stations at entry and exit of mines and haulage roads, habitation to be considered.
 - XLI. Construction and perennial maintenance of haulage road with details of plantation and the species thereof to be submitted.
 - XLII. Parking plaza layout with maximum no. of vehicles and types of vehicles that can be parked with basic amenities and facilities.
 - XLIII. Forest Clearance details with copy of all Forest Clearance.
 - XLIV. Status of complaints/ court cases/legal action regarding to lease along with a detailed write up indicating case no., purpose of the case etc.
 - XLV. Copy of lease document.
 - XLVI. Details of waste management i.e. composition and nature of waste generated, tabulated form showing year wise waste generation, usage and storage.
 - XLVII. Project Proponent shall consider developing a good nursery in nearby village for production of saplings of 4-6 feet height for planting in safety zone, sides of external haulage roads and distribution among villagers for planting in their private land/ community land. The nursery may be developed by company on their own or in collaboration with forest department. A

detailed proposal to this effect shall be submitted. The proponent shall ensure to use organic fertilizer in the nursery.

- XLVIII. Comprehensive water management, water balance with water harvesting and its reuse both monsoon and non-monsoon period.
- XLIX. STP plan with design with location in the layout map for domestic waste water treatment.
 - L. Provision of solar power (percentage wise) with detail plan.
 - LI. To submit the network with dimension of concrete cement roads inside the mining lease area and haulage road.
 - LII. To submit parking plaza at entry and exit of the mines with basic amenities.
 - LIII. Plan and SoP to be submitted for water sprinkling inside the mines and outside in haulage road including regular vacuum cleaning and Zero Dust Resuspension system to completely mitigate and arrest fugitive dust emission.
 - LIV. Wagon drill blasting must be avoided- to confirm.
 - LV. Details of grade of Fe to be mined, cut off grade, management of off grade, quantity of each year wise and the dumping or storage plan of off grade and wastes to be provided.
 - LVI. Total water management including domestic use w.r.t sourcing from borewell, rain water harvesting and recycling of waste water from ETP/STP, both for monsoon and non-monsoon be submitted.
 - LVII. Measures to be taken for arresting and mitigation of occupational health hazard including identification of the same, both for employees and nearby/surrounding habitation.
 - LVIII. Year wise waste/OB management with reference to generation and utilization in consideration with dynamic movement of inventory indicating dump area and dimension of storage be submitted.
 - LIX. Details of grades to be produced, to be discarded as waste and dumps and the utilisation plan.
 - LX. Details of Trees falling.
 - LXI. The road to which the approach road of 3.5 kms as stated to be connected?
 - LXII. Permission/ NOC from CGWA as a contingency measure in case of intersection with ground water and the corresponding Disaster Management plan.
 - LXIII. Details of plan and calculation of consumption of solar power including for water sprinkling vis - a - vis the generation and as percentage of total power demand.
 - LXIV. Site specific wild Life management plan including protection and conservation of Endangered, Threatened and Near Threatened living species along with their categories be identified and submitted with due approval of Chief Wildlife Warden.
 - LXV. Rain water Harvesting Pond (s) details with design.
 - LXVI. Provision of suitable size of sump be planned in the second review of Mining Plan period

prior to backfilling of Mined out area. The sump will be beneficial for the storage of water for use of Mines and recharge of groundwater Aquifer.

- LXVII. The proposed land is a forest land. The lease area is covered with 35,000 trees. The PP need to submit concrete plan for how many trees can be transplanted in safety zone and how many trees shall be cut.
- LXVIII. Detail water management plan in the EIA/EMP study as there is provision for transportation of final product in slurry form.
- LXIX. Ore/heavy metal analysis correlated with the elemental content of the baseline study to be submitted.

REASON FOR REFERED BACK:

27. The SEIAA in its meeting observed the following:-

i. The PP has submitted the EC application under Office Memorandum dated 14.03.2017 issued by MoEF&CC, Gol as a violation case. The Hon'ble Supreme Court vide its Order dated 16.05.2025 in W.P. (C) No. 1394/2023 in the matter of Vanasakti Vrs. Union of India have struck down the Notification dated 14.03.2017 and the Office Memorandum dated 07.07.2021 as well as all Circulars / Orders / OMs / Notification issued by MoEF & CC,Gol for giving effect to these Notifications and hold them to be illegal.

ii. The Hon'ble Supreme Court vide it order dated 16.05.2025 further have restrained the Central Government from issuing circulars/orders/OMs/ notifications providing for grant of ex post facto EC in any form or manner or for regularizing the acts done in contravention of the EIA notification.

After detailed deliberation, the authority decided to refer back the case to SEAC for reappraisal of the proposal in light of the violation involved in the project and recent order dated 16.05.2025 of Hon'ble Supreme Court in the matter of Vanasakti Vrs. Union of India.

28. The SEAC Committee opined that the violation proposals which have been already processed and pending at SEAC/SEIAA level may be returned to the project proponent indicating the above order of Hon'ble Supreme Court of India as circulated by the MoEF&CC, Govt. of India without bringing to the committee meeting.

After detailed discussion, the SEAC recommended to send the proposal to SEIAA, Odisha with a request to return the same to the project proponent intimating the order passed by the Hon'ble Supreme Court of India at para – 27 above.

MEMBER SECRETARY, SEAC