

**PROCEEDINGS OF THE MEETING OF STATE LEVEL EXPERT APPRAISAL  
COMMITTEE, ODISHA HELD ON 18<sup>TH</sup> DECEMBER, 2019**

The SEAC met on 18<sup>th</sup> December, 2019 at 11:00 AM in the Conference Hall of Odisha State Pollution Control Board, Bhubaneswar under the Chairmanship of Sri. B. P. Singh. The following members were present in the meeting.

1. Sri. B. P. Singh	-	Chairman
2. Dr. D. Swain	-	Member
3. Sri. J. K. Mahapatra	-	Member
4. Sri. K. R. Acharya	-	Member
5. Prof.(Dr.) B.K. Satpathy	-	Member
6. Dr. Sailabala Padhi	-	Member

The agenda-wise proceedings and recommendations of the committee are detailed below:

**ITEM NO. 1**

**PROPOSAL FOR ENVIRONMENTAL CLEARANCE OF PROPOSED MULTI STORIED RESIDENTIAL PROJECT AT MOUZA – RAGHUNATHPUR JALI, BHUBANESWAR, DISTRICT – KHORDHA OF KRJ PROJECT LLP & OTHERS WITH TOTAL BUILT-UP AREA 27,636.66 SQM. – EC**

1. The proposal is for Environmental Clearance for KRJ Project LLP & Others for proposed Multi Storied Residential Project at Mouza – Raghunathpur Jali, Bhubaneswar, District – Khordha with total built-up area 27,636.66 m<sup>2</sup>.
2. The project falls under Category “B”, Project or Activity 8 (a) as per schedule of EIA Notification dated 14th Sep, 2006, as amended from time to time.
3. The total project area is 7405.75 m<sup>2</sup> or 1.83 acres. The coordinates of the area is Latitude - 20°22'47.52"N and Longitude - 85°49'29.14"E. The Project is located at Plot No. 317/2403, 318, 319, 320/2139, 322, 320, 321/2493, 325/1863, 326, 326/1851, Mouza- Raghunathpur Jali, Bhubaneswar, District- Khordha, Odisha. Among main connecting links to the Project site, Nandan- Kanan Road is adjacent to project site. The nearest railway station is Bhubaneswar Railway Station approx. 1.12 km in E direction from the project site and Biju Patnaik International Airport is at a distance of approx. 14.5 km in SSW direction from the project site. Nandankanan Wildlife Sanctuary lies at a distance of Approx. 0.72 km (NW) and Chandaka Dampara Wildlife Sanctuary lies at a distance of Approx. 2.65 km (NW).
4. The Detailed Area Statement of the project is mentioned in the table:

SI. NO.	PARTICULARS	AREA (M <sup>2</sup> )
1.	Total Plot area	7405.75
2.	Permissible Ground coverage (@35%)	2592.0125
3.	Proposed Ground coverage @ 19.5 % of plot area	1447.36
4.	Permissible F.A.R @ 3	22,217.25
5.	Proposed F.A.R @ 2.89	21,409.66
	a. Residential F.A.R	20,264.66
	b. Community building	1,145.60
6.	Proposed Non F.A.R	6,227.00
	a. Basement non F.A.R area (Lobby, Maintenance room, UGT, STP etc.)	5,286.69
	b. Tower's non F.A.R area (Meter room, fire	305.11

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SI. NO.	PARTICULARS	AREA (M <sup>2</sup> )
	command center, mumty, water tank etc.)	
	c. Others non F.A.R area (Stilt, Guard room, Panel room, Community building etc.)	635.2
7.	Total Built-up Area	27,636.66
8.	Maximum Height of the Building (B+G+14)	44.5 m
9.	Landscape area (22.09 % of total plot area)	1636.54

5. Total power requirement for the proposed project will be 660kVA; Source: CESU which will be sourced from Odisha Power Transmission Corporation Limited. 2 DG sets =500 kVA (2 x 250 kVA) will be installed for backup power.
6. The total water requirement is approx.112 KLD, out of which total domestic water requirement is 107 KLD. The total fresh water requirement is approx. 75 KLD.
7. **Wastewater Generation:** The project will generate approx. 92 KLD of wastewater. The wastewater will be treated in an onsite STP of 110 KLD capacity. 73.5 KLD of treated wastewater will be recycled (32 KLD for flushing, 5 KLD for gardening, 36.5 KLD will be discharged into nearby construction/ plantation purpose/into drain after getting Sewer permission).
8. **Solid waste Generation:** The project will generate approx. 437.5 kg/day of solid waste which will be collected from household units as domestic waste in coloured bins. The local vendors will be hired to provide separate coloured bins for dry recyclable and Bio-Degradable waste. Litter bin will also be provided in open areas like parks etc. Biodegradable waste will be composted in Organic Waste Converter and Non-biodegradable Waste generated will be disposed through Govt./CPCB approved vendors.
9. Adequate parking (7,105.24 m<sup>2</sup>) provision will be kept for vehicles parking in the project. Besides this, internal road of adequate width within the project will facilitate smooth traffic movement. The total proposed parking for the Multi-storied residential project is 248 ECS (Approx.).
10. Proposed energy saving measures would save about- Led lights, Solar panels, Energy Saving devices will be implemented. Solar based lightening will be done in common areas, Stair cases, landscape areas, signage, entry gates and boundary walls (5% from total power load).Total Energy saved – 132 kVA which will be 20 %
11. A detailed traffic survey has been conducted following PCUs as per IRC – 106:1990 in the area to evaluate the impacts of the increased traffic due to the proposed activity.
12. 6 nos. of Rain water harvesting pits had been proposed under Rain water harvesting system.
13. Fire fighting Installations will be installed as per recommendation of the Fire fighting Officer, Odisha and as per the guideline of NBC (part-4). Fire NOC had been obtained.
14. The total estimated population of the project will be 1088 persons (including fixed + floating).
15. The total estimated cost of the project is approximately INR ₹ 55 Crores including land and construction.
16. The consultant **M/s Grass Roots Research & Creation India (P) Ltd. Noida (UP)** along with the proponent have made a detailed presentation on the EIA/EMP report.

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Considering the information / documents furnished by the proponent and presentation made by the consultant on behalf of the project proponent, the SEAC decided to take decision on the proposal after the proponent submits the following information/ documents followed by visit by the Sub-Committee of SEAC to the project site:

- (i) Supporting documents regarding land schedule and kissam of land.
- (ii) Status of Wildlife Clearance along with copy of the application submitted for Wildlife Clearance (if any) as the project is located within 10 km (default) from the boundary of Nandan Kanan Sanctuary.
- (iii) Certificate from the concerned DFO about exact distance of the project location from the boundary of notified Eco-Sensitive Zone of Chandaka-Dampada Wildlife Sanctuary.
- (iv) Stack height of DG set, location and its specifications and design with stack height calculation.
- (v) Detailed calculation for generation of waste water and its management during monsoon and non-monsoon.
- (vi) NOC from drainage department for discharge of treated water to readymade municipality drain provided near proposed location.
- (vii) Exploring the possibility of treatment and usage of Roof Rain Water to minimise ground water usage.
- (viii) Traffic Density Study to be carried out for 10 years and report to be submitted.
- (ix) Breakup percentage of green belt and landscape with detailed plan and layout.
- (x) Proposal to increase the percentage of solar energy to 5% with detailed plan.
- (xi) Details of rainwater harvesting proposed in the project and amount compensated towards water requirement/recharging as well.
- (xii) Detailed ECS calculation.
- (xiii) Status of building plan approval.
- (xiv) Permission from Airport Authority for building height of 44.5 meter.

## **ITEM NO. 2**

**PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR CONSTRUCTION OF "RESIDENTIAL APARTMENT" AT MOUZA – PATIA, OF BHUBANESWAR MUNICIPAL CORPORATION IN THE DEVELOPMENT PLAN AREA OF BHUBANESWAR DISTRICT -KHORDA, STATE - ODISHA WITH TOTAL BUILT-UP AREA 30,400.86 SQM. OF M/S. KALVIK BUILDERS PVT LTD (VIOLATION CASE) – EC**

1. This proposal is for Environmental Clearance for construction of "Residential Apartment" at Mouza – Patia, of Bhubaneswar Municipal Corporation in the Development plan area of Bhubaneswar District -Khorda, State - Odisha with total Built-up area 30,400.86 m<sup>2</sup>. of M/s. Kalvik Builders Pvt Ltd.
2. The project proponent didn't attend the meeting.
3. The proponent has already constructed the total project with built-up area 30722.23 m<sup>2</sup> without obtaining Environmental Clearance. Hence, this is a violation case.
4. The MoEF&CC, Govt. of India OM No. F. No. 22-10/2019-IA.III, dated 09.09.2019 stipulates consideration of category B violation proposals at the State Level as per the

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provisions of notification S.O. 804 (E), dated 14.03.2017 through lateral entry. As per the said OM, the proposals involving violation of EIA Notification which had applied during the window (14.03.2017 to 13.09.2017 and 14.03.2018 to 13.04.2018) under violation category will be considered by the SEIAA, Odisha even it not applied in violation portal.

5. The project proponent has applied for Environmental Clearance on 29.10.2019, which is not within the period of 14.03.2017 to 13.09.2017 and 14.03.2018 to 13.04.2018 as per MoEF&CC, Govt. of India OM No. F. No. 22-10/2019-IA.III, dated 09.09.2019.

After detailed discussion, the SEAC recommended to reject the proposal and return the same to SEIAA, Odisha with a request to intimate the above to the proponent.

### **ITEM NO. 03**

#### **PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR PROPOSED CONSTRUCTION OF 500 BEDDED TEACHING HOSPITAL BUILDING FOR THE GOVERNMENT MEDICAL COLLEGE AND HOSPITAL, KALAHANDI (KHATA NO - 137) AT BHANGABARI, BHAWANIPATNA, DISTRICT – KALAHANDI WITH TOTAL BUILT UP AREA - 36,834.53 SQM. OF CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER, SMT. BANALATA DEVI – EC**

1. The proposal is for Environmental Clearance for proposed construction of 500 Bedded Teaching Hospital Building for the Government Medical College and Hospital, Kalahandi (Khata No - 137) at Bhangabari, Bhawanipatna, District – Kalahandi with total Built up area - 36,834.53 sqm. of Chief District Medical & Public Health Officer, Smt. Banalata Devi.
2. The Director Medical Education & Training (DME&T), Govt. of Odisha through the Chief District Medical Officer & Public Health Officer (Project Proponent), Kalahandi is establishing this project.
3. A Memorandum of Understanding (MoU) was signed between DME&T, Govt. of Odisha and Vedanta Ltd. for the construction of a 500 bedded Teaching hospital at Bhangabari, Bhawanipatna, Kalahandi District, Odisha. The DME&T will provide 8.173 acres of land for the construction of Hospital building and Vedanta Limited will construct the Hospital as a part of CSR initiative.
4. The project is coming up in Government Land of about 8.173 acres bearing Plot No.s 439, 440, 441, 442, 443, 477, 479, 691, 693, 694, 695, 696, 697, 693/1279, 696/1283, 697/1282, Khata No. 137, Mouza - Bhangabari, Bhawanipatna town, Kalahandi District, Odisha.
5. The Project Site is a part of the Survey of India Toposheet No. 65/M/1. The site falls between Latitude and Longitude - 19°55'46.45"N - 83°8'59.01"E (Center Coordinate) with an average altitude of 244 m above MSL. Nearest Railway line is connecting from Junagarh – Kathajanipadar is 0.2 km to the Project Site. The nearest railway station is located at Bhawanipatna RS which is 0.9 km.
6. Bhawanipatna is major town at a distance of 3.0 km. The National Highway (NH-201) connecting Bhawanipatna – Borigumma is located at a distance of about 2.6 km. The State Highway (SH-52) connecting Bhawanipatna – Dharmagarh is located at a distance of about 2.6 km. The State Highway (SH-16) connecting Bhawanipatna – Khariar is located at adjacent to the Project Site. The State Highway (SH- 6) connecting Bhawanipatna – Badchiching is located at a distance of about 2.7 km in SE. The State Proceedings of the SEAC meeting held on 18<sup>th</sup> December, 2019

  
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Highway (SH-44) connecting Bhawanipatna – Gunpur is located at a distance of about 2.8 km.

7. Nearest wild life sanctuaries, national parks, elephant/tiger reserves - Karlapat Wild Life Sanctuary - 4.5 km (Project boundary to wildlife sanctuary boundary) and 15 km by road from Bhawanipatna. Nearest Reserve Forest is Dhangra Dhangri – 3.2 km. Nearest nala is Pipale Nala – 0.1km.
8. Nearest Settlement from the Project Site is Bhangabari 0.5 km from project site.
9. The Project has received Building permission obtained from Office of The Special Planning Authority, Bhawanipatna vide letter # IB-11/19/553/BPTSPA dated 17.04.2019.
10. The Project has received Fire Recommendations from the office of the Deputy Fire Officer, Bhawanipatna Circle, Kalahandi vide Memo No. 507 dated 26.06.2019.
11. Total Plot area : 33,074 m<sup>2</sup> ( 3.30 Ha / 8.173 Acres)
12. Ground Coverage Statement is mentioned below:

Description	Land Details		Percentage
	Acres	Sq.m	
Ground Coverage	2.712	10978.183	33.18
Services Area	0.304	1226.294	3.72
Greenbelt/Landscaping	1.960	7932.35	23.98
Roads & Pavements	1.946	7877.045	23.81
Parking Area	1.015	4107.115	12.42
Pedestrian and Footpath area	0.232	935.903	2.84
Security cabin area	0.004	17.040	0.05
<b>Land Area</b>	<b>8.173</b>	<b>33073.93</b>	<b>100</b>

13. Built Up Area Statement is mentioned below:

Sl. No	Floor	Area ( Sq.M)
1	Ground Floor	10693.51
2	First Floor	9163.35
3	Second Floor	9316.45
4	Third Floor	6135.76
5	Terrace Floor	730.66
	BUA of Building	<b>36,039.73</b>
6	Services (STP, WTP & UG Sump)	794.80
	<b>Total BUA</b>	<b>36,834.53</b>

14. Total Water Requirement will be 472 KLD, which will be sourced from Government of Odisha water supply.
15. **Wastewater Generation:** The project will generate approx. 314KLD of wastewater. The wastewater will be treated in STP of 350 KLD capacity. Treated waste water is 283 KLD which will be reuse for flushing, landscape, filter backwash and HVAC Makeup.
16. **Power Requirement:** 1,561kVA which will be sourced from Central Electricity Supply Utility of Odisha. Standby Power through DG Sets - 1 x 500 KVA and 2x 750 KVA.

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17. The total Solid Waste generation from the project is 1767 Kg/day. The organic and inorganic waste will be collected and stored separately. The same will be handed over to Bhawanipatna Municipal Authority for final disposal.
18. The project has a provision to park 256 Cars, 245 Two Wheelers and two Ambulances.
19. The employment potential for this project is 1,500 persons.
20. The proposed Teaching Hospital is expected to be completed in 30 Months at an estimated Project cost of Rs.120 Crores.
21. The Environment consultant **M/s B.S. Envi-Tech Pvt. Ltd., Secunderabad, Telangana** along with the proponent have made a detailed presentation on the proposal.

Considering the information / documents furnished by the proponent and presentation made by the consultant on behalf of the project proponent, the SEAC decided to take decision on the proposal after the proponent submits the following information/ documents:

- (i) Supporting documents regarding land schedule and kissam of land.
- (ii) Status of Wildlife Clearance along with copy of the application submitted for Wildlife Clearance (if any) as the project is located within 10 km (default) from the boundary of Karlapat Sanctuary.
- (iii) Detailed ECS calculation for staff and visitors.
- (iv) Transplantation of trees from construction site to green belt area rather than cutting of trees.
- (v) Breakup percentage of green belt and landscape with detailed plan and layout.
- (vi) Since the project is near to NH, dense greenbelt plantation is required with suggestion from DFO/CPCB Plant species list according to agro climatic zones.
- (vii) Proposal to increase the percentage of Solar energy to 5% or more with detailed plan.
- (viii) Permission copy from PHED (Municipality water supply).
- (ix) Detailed calculation of treated water how it arrived and where it will be discharged.
- (x) Quantity of waste water to be generated by floating population.
- (xi) Correction of pH of water in the EMP.
- (xii) Copy of MoU from vendor for biomedical waste collectors.
- (xiii) Micro-table list for biomedical waste collectors.
- (xiv) Dimensions of sump and embankments use for rain water harvesting methods.
- (xv) Copy of fire NOC.
- (xvi) Parking space is proposed to be provided 12% of the total built-up area, which is less than the prescribed norms. They have to increase the parking space as per the regulation of the statute and accordingly a detailed proposal to be submitted.
- (xvii) Building plant approval status of the local development authority. A copy of the

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approval letter along with the approved building plan is to be submitted if it has been approved.

- (xviii) Detailed water balance along with justification to adopt zero discharge in monsoon and non-monsoon.
- (xix) Municipal Solid Waste Management.
- (xx) Bio-medical waste management proposal.
- (xxi) Hazardous waste management.
- (xxii) Details of Environment Management Cell.

#### **ITEM NO. 04**

#### **PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR JORURI IRON & MANGANESE ORE MINES FOR ENHANCEMENT OF IRON ORE PRODUCTION TO 4.27 LAKH TPA ALONG WITH EXISTING CRUSHING UNIT OF PRIMARY CRUSHER (40 TPH) AND 2X12 TPH SECONDARY CRUSHER OVER MINING LEASE AREA 66.368 HA LOCATED AT VILLAGE(S) JAJANG & KHANDBANDH, TEHSIL - BARBIL, DISTRICT- KEONJHAR, ODISHA OF M/S TARINI MINERALS PVT. LTD. (UNDER VIOLATION CASE TOR GRANTED) – EC**

1. M/s Joruri Iron & Mn Ore Mines of M/s Tarini Minerals Pvt. Ltd over mining lease area 66.368 Ha applied for "enhancement of iron ore production to 4.27 lakh TPA along with existing crushing unit of Primary Crusher (40 TPH) and 2 X 12 TPH secondary crusher, located at Village(s) Jajang & Khandbandh, Tehsil- Barbil, District Keonjhar, Odisha.
2. The project proponent stated that, State Government granted mining lease over an area of 66.368 Ha in village Jajang and Khandabandh village, Keonjhar, district, Odisha and lease executed on 06.02.1990 for a period of 20 years in favour of Shri Niranjana Patnaik. The lease was transferred in favour of Tarini Minerals Private Limited and transfer lease deed was executed in the year 1995.
3. The project proponent stated that, the first RML was filed on 22.11.2008. As per Section 8A (3) of the MMDRA Act 2015, the lease is deemed to have been extended up to a period ending on the 5th February, 2040.
4. Further, Lessee had filed a writ petition before the Honorable High court of Odisha (WPC No: 995 of 2015) challenging the inaction of the State Government in implementing the MMDR ordinance 2015. State Government on 02.05.2015 declared the present lease lapsed with effect from 05.02.2012 u/s 4 A of MMDR Act 1957 read with rule 28(1) of MCR, 1960.
5. The project proponent informed that, Lessee filed amended writ petition bringing the impugned communication dated 2.5.2015. Hon'ble High court after allowing the amendment passed an order on 11.05.2015 and passed an interim direction that no coercive action to be taken in the matter relating to the show cause notice dated 28.04.2015 and order / communication dated 02.05.2015 till the next date of hearing. The matter is pending adjudication before the court. Mine is not in operation since Feb 2010 for want of statutes.
6. The project proponent informed that, the Hon'ble Supreme Court of India passed the order on 2nd August 2017 in the case of WP(C) No. 114 of 2014 i.e. Common Cause Vs Union of India and Ors deal with EC violation under E (P) Act 1986 (which is

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production without environmental clearance & exceeding the granted Environmental Clearance) and directed to State Govt. to raise the demand on the erring lessees in this regard and it should be paid before December 31st, 2017. The Lessee has paid the total demand amount i.e. ₹ 67,33,84,159/- on 30.12.2017.

7. The project proponent informed that, Modified Mining Plan for the 1st RML period got approved by IBM vide letter 314(3)/2011-MCCM (CZ)/MP-24 dated 27.12.2011. Next scheme of mining is submitted and awaiting for approval. Forest Diversion over an area of 15.068 Ha is obtained vide letter No.8-22/91- FC dated. 07.02.1992 and is valid up to 5th February 2040 as per circular/guideline of MoEF&CC, Govt. of India vide letter No. 11-51/2015-FC, dated. 01.04.2015. For the balance forest area, general approval accorded under section 2(iii), FC act 1980 as per the MoEF&CC, Govt. of India guidelines dated 1st April 2015. NPV of ₹ 4,84,48,640 lakhs paid for the entire forest land. Site specific wildlife conservation plan approved by the PCCF (Wild Life) & Chief Wild Life Warden.
8. Clearance from CGWA for drawl of 100 m<sup>3</sup>/day of water for the project is obtained vide letter no. 21-4(241)/CGWA/SER/2010-(77) dated 23.08.2010.
9. The project proponent informed & submitted that, TOR issued by MoEF&CC, Govt. of India vide letter No. J-11015/28/2007-IA.II (M), dated 18<sup>th</sup> January 2010. Draft EIA/EMP report was prepared & Public hearing for this project was held on 18th July 2012, for production of 4.27 lakh TPA (ROM) of iron ore along with crushing & screening facility over an area of 66.368 ha. Final EIA/EMP with other details was submitted at MoEF&CC, Govt. of India, New Delhi vide its letter dated 07.12.2012. Project was presented before EAC in its meeting held during 22nd – 24th July 2013.
10. The EAC, MoEF&CC, Govt. of India in its minutes of meeting asked for certain clarification to comply for its further consideration. The Lessee submitted the detail compliance vide its letter dated 23rd June 2014. Subsequently, this project was kept in abeyance for want of NEERI report. Later this project was considered as violation case based on the notification prevailing then.
11. Being a violation case, as per MoEF&CC, Govt. of India Gazette Notification dated 14.03.2017 & Office Memorandum No F. No. Z-11013/22/2017-IA.II (M) dated 16th March 2018, the project proponent submitted application to MoEF&CC, Govt. of India for consideration. Further, as per the latest MoEF&CC, Govt. of India, Gazette notification dated 14th August 2018, since the lease area is < 100 ha, this proposal comes under category "B" and this proposal is transferred from MoEF&CC, Govt. of India to SEIAA - Odisha.
12. The project proponent submitted that, Under E (P) Act 1986; the Department of Forest & Environment of Odisha Government through "Sub Divisional Magistrate, Champua" initiated legal action against Lessee u/s 19 of Environment (Protection) Act, 1986 for violation of the provisions of E.I.A. Notification 1994 / E.I.A. Notification 2006 and u/s 15 of the said Act by filing a case in the Court of the J.M.F.C., Barbil vide Case no.130 / 2013 dated 05.08.2013 and the case is sub-judice at the said Court. The project proponent submitted the Affidavit in compliance with the MOEF&CC, Govt. of India OM no. 3-50/2017-IA-III (Pt.) dated 30th May 2018.
13. The project proponent requested to issue specific TOR as per MoEF&CC, Govt. of India notification dated 14.03.2017 "for preparing an independent chapter comprising assessment of ecological damage, remediation plan and natural & community Proceedings of the SEAC meeting held on 18<sup>th</sup> December, 2019



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resource augmentation plan through accredited consultants” and for submitting the same along with the Final EIA / EMP report already prepared and submitted with the public hearing held on 18th July 2012 for grant of Environmental Clearance.

14. ToR was granted vide letter no. 1084/SEAC-174 on 14.12.2018. Since the public hearing was already conducted on 18th July 2012, public hearing was exempted.
15. The details of the past production figure duly authenticated by DDM, Joda is obtained dated 02.09.2017. In pursuance of the Supreme Court order dated 02.08.2017 in CWP no. 114/2014, the DDM, Joda has raised the demand notices no. 4134/Mines Dated 02.09.2017 and the project proponent has deposited Rs 67, 33, 84,159/- on 30.12.2017 in this regard. Net present value of Rs.4,84,48,640 was paid on 10.07.2010 in respect of 66.368Ha in favour of Compensatory Afforestation Fund (CAF), Odisha. The mining plan for the period 2019-20 was approved by IBM vide letter MS/FM/11-ORI/BHU/2019-20 with validity till 31.03.2020.
16. A compensatory afforestation scheme was prepared over equivalent non forest land of 5.5725Ha (non forest government land) in Fuljhar village, Telkoi Tehsil, Odisha. Besides, an area of 150.65 Acres (136.96 Acres in Putugaon village and 13.69Acres in Balita Village) in Barbil Tehsil, Odisha. The non-forest land allotted for raising Compensatory afforestation was transferred & mutated in favour of State Forest Department
17. FRA Certificate regarding compliance of scheduled tribes & other traditional Forest Dwellers (recognition of forest right) Act, 2006 in respect of diversion of forest land obtained from Collector, Keonjhar.
18. The mine lease area is located in latitudes 21° 56' 25.834" N – 21°56'55.468" N, Longitude: 85° 24' 35.204" E – 85 ° 25' 07.89"E. The project area is approachable from Joda or Palasponga road. Jaroli is the nearest railway station at 0.5km from the area and Banshapani lies about 1km from the area. Barbil is at a distance of 22km from the lease area. The nearest major airport is Bhubaneshwar airport which lies 195km-S. The area presents an undulating topography. The highest and lowest elevations are 620 m and 520 m above M.S.L. respectively. Highest altitude is towards north western corner of the lease area which slopes to southeast and southern sector of the area.
19. No ecologically sensitive features like national parks, biospheres, sanctuaries, elephant corridors, Tiger reserves, etc., occur in the 10km buffer zone of the project. The project area does not come under CRZ category. Karo - Karampada elephant corridor is located at about 12.7 km from the mine lease area.
20. Elephant, Sloth bear, Python and Monitor Lizard are placed under Schedule-I as per Wild Life (Protection) Act, 1972 is found in the Study area. The site specific Wildlife Conservation Plan has been prepared & got approved by PCCF (Wildlife), Chief Wildlife Warden, Odisha. The project has estimated cost of Rs. 110.0 Lakhs which includes Rs. 28.0 Lakhs for activities within project area and Rs. 82.0 Lakhs for activities within project impact area.
21. Baitarani R.F lies 2.0 Km (NW), Sidhamath R.F lies 5.0 Kms (NW) and Chamakpur 2.0(NE) of the lease area. There is no perennial nala within the ML area. One seasonal dry nala starts from 590 mRL in northern sector and flows down to through 520 mRL in the southern sector. Similarly, another seasonal nala which starts from 552 mRL in southeast sector passes through 530mRL in SE corner of the lease. Baitarani River is

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flowing at 2 kms from the lease area in eastern side, Kunda Nala-5.1(NW), Kakarpani Nala-6.0(SW), Guruda Nala-3.1(SW), Dalka Nala-1.9(NE) lies in the buffer zone.

22. The total geological reserves are 12.299 Million Tonnes (ROM) and mineable reserves is 10.593 Million Tonnes (ROM). The mine will be operated with Open cast fully mechanized mining method. There are 3 iron ore quarries and one manganese quarry within the lease area, and 4 existing dumps. The life of the mine is 26 years.
23. During the plan period, 12824.432MT of waste will be generated which will be used for for road maintenance during 2019-20 and 19236.648 cum of sub-grade ore will be stacked separately. During the conceptual period, 549847cum of waste will be generated which will be used for backfilling of mined out land and 592259cum of subgrade ore will be stacked separately.
24. The mining operations are carried out in the elevated area. The ultimate depth of the mine is proposed to be 515mRL. The water table in the nearby plain terrain at nearby village Jururi is indicating that the water level is encountering at RL 490m during summer and 495m during rainy season. Hence, the working will not intersect with the ground water level.
25. It is proposed to establish crushing and screening units of 150TPH each. In this project, the man power is 84 persons on direct basis and more than 200 people on indirect basis.
26. The total water requirement will be 500KLD comprising 300KLD for mining and allied activities, 50KLD for domestic use, and 150KLD for plantation and dust suppression. The source is ground water. In this regard permission has been obtained from CGWA for withdrawal of 500 cum/day of ground water vide File No. 21-4(241)/CGWA/SER/2010-1771 dated 23.08.2010.
27. This mine is in operation since 1992 and the mining operations were stopped from 2010 onwards. An area of 28.586 Ha of land is already degraded / utilized for mining, dumping, road, green belt, etc. In the post mining stage, out of the total mined out land of 27.578Ha, an area of 2.856Ha will be reclaimed by means of backfilling and plantation and balance 24.722Ha will be reclaimed by means of bench plantation. Ultimately, even the infrastructures will be dismantled and reclaimed with plantation. In the post mining stage, out of total lease area, Greenery will be carried out in 39.417 Ha. Local native species in consultation with forest department will be used for plantation.
28. The baseline study was carried out during the period from Dec 2018 - February 2019 and accordingly, final EIA Report was prepared as per data collected and as per ToRs issued vide letter no. 1084/SEAC-174, dated 14.12.2018 by SEAC, Odisha.
29. The lessee has declared that they will follow the guideline / policy decision by the MoEF&CC, Govt. of India and State Govt., Odisha in regards to the implementation of the recommendations given by NEERI in its carrying capacity record in respect to Odisha.
30. The point wise compliance to the NEERI conditions are given at page no. T-49 to T-72 of final EIA report submitted by the proponent.

31. The remediation plan and the natural and community resource augmentation plan has been prepared as an independent chapter in the EIA report by the accredited consultants (i.e. Chapter – XI of final EIA report)
32. An amount of ₹ 87 lakhs has been estimated in the EIA / EMP report towards the cost of assessment of Environmental / Ecological damage due to violation as well as Natural and Community Resource Augmentation Plan.
33. The project proponent along with the consultant **M/s Creative Engineers & Consultants, Chennai-600 059** made a detailed presentation on the proposal.

Considering the information / documents furnished by the proponent and presentation made by the consultant on behalf of the project proponent, the SEAC decided to take decision on the proposal after the proponent submits the following information/ documents:

- (i) Submission of detailed calculation done in terms of money for compensation towards the various ecological damage and socio economic condition due to mining operations as calculation submitted in the EIA report is lower side. Backup calculation of cost assessment for Environmental Damage is also to be submitted.
- (ii) The proponent has stated that they have already applied for Forest Diversion for entire lease area of 66.368 ha., which is under process. Present status of Forest Diversion along with copy of application submitted for Forest Diversion is to be submitted.
- (iii) The project proponent intimated that, Under E (P) Act 1986; the Department of Forest & Environment of Odisha Government through "Sub Divisional Magistrate, Champua" initiated legal action against Lessee u/s 19 of Environment (Protection) Act, 1986 for violation of the provisions of E.I.A. Notification 1994 / E.I.A. Notification 2006 and u/s 15 of the said Act by filing a case in the Court of the J.M.F.C., Barbil vide Case no.130 / 2013 dated 05.08.2013 and the case is sub-judice at the said Court. Copy of all the supporting documents in this regard is to be submitted.
- (iv) Compliance to the demand raised by the public in the public hearing meeting held on 18th July 2012 is to be submitted.

#### **ITEM NO. 05**

**PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR INSTALLATION 1 NO. OF ADDITIONAL TANKAGE OF 2604 KL CAPACITY FOR SKO, 2NOS. OF ADDITIONAL TANKAGE OF 2612 KL CAPACITY FOR HSD AND 2 NOS. OF TLF BAYS OVER AN AREA 41.34 ACRES AT BALASORE OIL DEPOT WITHIN SOMANATHPUR INDUSTRIAL ESTATE, IN THE DISTRICT OF BALASORE OF INDIAN OIL CORPORATION LIMITED – AMENDMENT IN EC.**

1. Environmental Clearance was granted along with a set of various specific and General Conditions, for compliance to M/s Indian Oil Corporation Limited (IOCL) by the SEIAA, Odisha vide letter no: 7559/SEIAA, dated 28.10.2013 for installation of 1 No. of additional Tankage of 2604 KL capacity for SKO, 2 Nos of additional Tankage of 3612 KL capacity each for HSD and 02 Nos of TLF Bays (FO & HSD) at Balasore Depot within Somnathpur Industrial Estate, in the district of Balasore.
2. One specific condition (Condition No A-3 of EC Ref No: 7559/SEIAA dated 28.10.2013), was regarding the implementation of Vapour Recovery System (VRS) to prevent vapour leakage from tanks / vessels / processing and filling areas to ensure no hydrocarbon vapour is released unchecked in to the atmosphere.

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**Secretary, SEAC**

3. The proponent has made an appeal for exemption of stipulated condition No. A-3 of EC Ref No: 7559/ SEIAA, dated 28.10.2013 (i.e Vapour Recovery System shall be installed to prevent leakage of vapour from tank/ vessels/ processing and filling area to ensure no hydrocarbon vapour is related unchecked)
4. The project proponent has also clarified that Vapour Recovery System (VRS) is required for volatile class product, where the above said Environmental Clearance was granted for augmentation of class B & C product.
5. As the EC Ref No: 7559/SEIAA dated 28.10.2013, is not applicable for MS, hence the specific condition No. A-3 stipulated in the EC with regards to the VRS is also not applicable for MS Storage and handling at Balasore Depot.
6. For Class B products (SKO & HSD) , volatility of the products are mild and hence the vapour generated and released are also very minimal which is further reduced to nil , due to vapour sealing mechanism in Tanks and TLF Loading Area.
7. IOCL Tanks (IFR) are designed with the vapour sealing mechanism to restrict the vapour being released. Loading System is also provided with overfill protection system , Loading Arm Position Interlocking System and Vapour Eliminator Unit etc. to prevent the accidental spillage and subsequent vapour escape in to atmosphere, hence an additional VRS is not required for TLF and Tanks.

Considering the information / documents furnished by the proponent and presentation made, the SEAC decided to take decision on the proposal after the proponent submits the following information/ documents:

- (i) Letter from Oil Industry Safety Directorate (OISD) Authority that Vapour Recovery System (VRS) is not applicable for IOCL, Balasore Depot as stated by the proponent above.

#### **ITEM NO. 06**

#### **PROPOSAL FOR ENVIRONMENTAL CLEARANCE (UNDER VIOLATION CATEGORY) WITH RESPECT TO CONSTRUCTION OF RESIDENTIAL COMPLEX LOCATED AT VILLAGE – SAMBALPUR, TOWN-5 (SAKHIGOPINATH), DIST – SAMBALPUR OF JAS CONSTRUCTION PVT LTD WITH TOTAL BUILT-UP AREA 38,461.2622 M<sup>2</sup> – REGARDING VIOLATION (TOR)**

1. The proposal is for environmental clearance (under violation category) with respect to construction of residential complex located at village – Sambalpur, town-5 (Sakhi-Gopinath), Dist – Sambalpur of JAS Construction Pvt Ltd.
2. The category of the project is 8(a) as per EIA Notification, 2006 & its amendments.
3. Earlier, the proponent had applied for Environmental Clearance under violation case at MoEF&CC, Govt. of India in the violation portal and the file was transferred from MoEF&CC, Govt. of India to SEIAA, Odisha for further consideration of Environmental Clearance of the proposal.
4. The proposal was placed in SEIAA meeting dated 30.11.2019. As per the observation of the authority, it is a violation of Environmental (Protection) Act,1986, as the proponent have completed the construction works of the residential building without obtaining prior EC under the EIA Notification,2006.

5. Total Plot area is 9.51 Acres (38,489.51 m<sup>2</sup>). Total built up area of project is 38,461.2622 m<sup>2</sup>.
6. The existing part of the project has plot area 7057.71 m<sup>2</sup> and built-up area 11,226.14 m<sup>2</sup> (Constructed Built up Area 11,226.14 m<sup>2</sup>), hence does not fall under the purview of EIA Notification 2006 and amendments thereto.
7. The project proponent proposes expansion of the project, wherein, the built-up area will increase to 30,611.971 m<sup>2</sup> (Constructed Built up Area 21132.899 m<sup>2</sup>, Unconstructed Built up Area 9479.072 m<sup>2</sup>). Since, they have constructed the expansion project; it is coming under violation category.
8. The MoEF&CC, Govt. of India OM No. F. No. 22-10/2019-IA.III, dated 09.09.2019 stipulates consideration of category B violation proposals at the State Level as per the provisions of notification S.O. 804 (E), dated 14.03.2017 through lateral entry. As per the said OM, the proposals involving violation of EIA Notification which had applied during the window (14.03.2017 to 13.09.2017 and 14.03.2018 to 13.04.2018) under violation category will be considered by the SEIAA, Odisha even it not applied in violation portal.
9. The geographical co-ordinates of the project site are 21° 28' 09.10" N & 83° 58' 42.68" E. The project site is approachable through NH-42 which is 2.85 km (East) away from project site. The nearest Railway Station is Sambalpur Railway Station which is at a distance of approx. 2.30 km. Sambalpur Airport is 12.49km is away from the project site.
10. The project comprises of Residential facility (5 nos. Towers – A,B,C, D1 & D2) club house & a Temple. The construction of the project of Block - A & D1 of Expansion part has been completed and EC is being sought as per the provisions of MoEF&CC, Govt. of India notification dated 14.03.2017 (violation).
11. The detailed area statement is mentioned below:

Sl. No.	Particulars	Existing (m <sup>2</sup> )	Expansion (m <sup>2</sup> )	Total (Existing + Expansion) (m <sup>2</sup> )
1	Plot Area	7057.71	31431.80	38489.51
2	Net Project Area	6634.2474	29842	36476.2474
3	Proposed Ground Coverage	2187.8901	7849.3118	10037.2019
4	<b>Proposed FAR</b>	<b>8,876.86</b>	<b>21735.11</b>	<b>30,611.971</b>
5	<b>Phase I</b>	<b>8876.86</b>	--	8876.86
	Block B	4438.43	--	--
	Block C	4438.43	--	--
	<b>Phase II</b>	--	<b>20,529.668</b>	20,529.668
	Block A	--	3982.41	--
	Block D1	--	8273.629	--
	Block D2	--	8273.629	--
	<b>Phase III</b>	--	<b>1205.443</b>	1205.443
	Club House	--	1149.7029	--
	Temple	--	55.741	--

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**Secretary, SEAC**

Sl. No.	Particulars	Existing (m <sup>2</sup> )	Expansion (m <sup>2</sup> )	Total (Existing + Expansion) (m <sup>2</sup> )
6	<b>Stilt Area</b>	<b>2349.28</b>	<b>5500</b>	<b>7849.28</b>
	Block B	1174.64	--	1174.64
	Block C	1174.64	--	1174.64
	Block A	--	1072.28	1072.28
	Block D1	--	2213.86	2213.86
	Block D2	--	2213.86	2213.86
7	<b>Built-up Area (5+6)</b>	<b>11,226.14</b>	<b>27,235.11</b>	<b>38,461.25</b>
8	Road and Paving Area	3034.815	10617.52	13652.335
9	Proposed Green Area	1411.542	7213.45	8624.992
10	Future Expansion	--	4161.70	4161.70

12. Total water demand of the project will be 267 KLD and the same will be met by the Sambalpur Development Authority. Wastewater generation will be 191 KLD which will be treated in STP of total 230 KL capacity. 153 KLD of treated wastewater will be recycled (67 KLD for flushing, 43 KLD for gardening, 2 KLD for DG sets, 41 KLD to sewer during non-rainy season and 84 KLD during rainy season).
13. The green area (Existing + Expansion) is proposed as @21.88 % of Net Planned Area (i.e. 8624.992 m<sup>2</sup> approximately).
14. The total electrical load for the project will be approx. 1464 KW, which will be sourced from WESCO. There will be provision of 02 no. of DG sets having total capacity of 305 KVA (01×125 KVA + 01×180 KVA).
15. Parking requirement for the project (Existing + Expansion) as per local Bye Laws is 1770 ECS while, the parking proposed to be provided in the project is 238 ECS.
16. The project will generate (Existing + Expansion) of 793 kg/day approx. of solid waste which will be collected from household units as domestic waste in colored bins. Biodegradable waste will be composted in Organic Waste Converter and Non-biodegradable waste generated will be disposed through Govt./CPCB approved vendors.
17. Proposed energy saving measures would save about- Led lights, Solar panels, Energy Saving devices will be implemented. Solar based lightening will be done in common areas, Stair cases, landscape areas, signage, entry gates and boundary walls (5% from total power load).
18. 5 Rain Water Harvesting Pits are proposed at the project site for Rainwater Harvesting.
19. The total estimated population of the project (existing + expansion) will be 1731 persons
20. The total cost of project (Existing + Expansion) is ₹ 40 Crores.
21. The consultant **M/s Grass Roots Research & Creation India (P) Ltd. Noida (UP)** along with the proponent have made a detailed presentation before the SEAC.

Considering the information / documents furnished by the proponent and presentation made by the consultant on behalf of the project proponent, the SEAC decided to take decision on the proposal after the proponent submits following information / documents followed by a site visit by Sub-Committee of the SEAC.

- (i) Supporting documents that the proponent has applied for Environmental Clearance under violation category during the period 14.03.2017 to 13.09.2017 and 14.03.2018 to 13.04.2018.




Sri. B. P. Singh  
Chairman, SEAC



Dr. D. Swain  
Member, SEAC

  
24/12/19

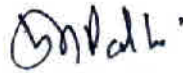
Prof. (Dr.) B.K. Satpathy  
Member, SEAC

  
18/12/19

Sri. K. R. Acharya  
Member, SEAC

  
24/12/19  
Jiban

Sri. J. K. Mahapatra  
Member, SEAC



Dr. Sailabala Padhi  
Member, SEAC

Approved

  
Chairman, SEAC