

**PROCEEDINGS OF THE MEETING OF STATE LEVEL EXPERT APPRAISAL
COMMITTEE, ODISHA HELD ON 04th JUNE, 2020**

The SEAC meeting was held on 04th June, 2020 at 11:00 AM through video conferencing in Google meet 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. Prof.(Dr.) B.K. Satpathy	-	Member
5. Prof.(Dr.) P.K. Mohanty	-	Member
6. Dr. Sailabala Padhi	-	Member
7. Prof (Dr.) Himanshu Sahu	-	Member
8. Dr. K.C.S Panigrahi	-	Member
9. Dr. Sanjay Pattnaik	-	Member

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

ITEM NO. 01

PROPOSAL OF ENVIRONMENTAL CLEARANCE OF M/S. ODISHA BIOTECH PARK PRIVATE LIMITED (OBPPL) FOR ODISHA BIOTECH PARK, OVER PLOT AREA OF 30 ACRES AT MOUZA: ANDHARUA, TEHSIL: BHUBANESWAR, KHORDA DISTRICT, ODISHA OF MR. ARUNACHALAM ARUMUGAM (PROJECT HEAD) (EC).

1. This is a proposal for Environmental Clearance of M/s. Odisha Biotech Park Private Limited (OBPPL) for proposed Odisha Biotech Park, over plot area of 30 Acres at Mouza: Andharua, Tehsil: Bhubaneswar, Khorda District, Odisha.
2. The land for the park has been allocated in the form of a long term lease to a Special Purpose Vehicle, Odisha Biotech Park Pvt. Ltd. (OBPPL), floated for this purpose. OBPPL has paid the bid value and obtained the land possession of the 1st phase land area of 30Acres from IDCO.
3. The Park shall be developed and operated as per the Odisha Industrial Policy Resolution 2015 and the Odisha Biotechnology Policy 2018 and in accordance to any and all statutory requirements.
4. The entire area has been divided in suitable plots with all internal road planning. Construction of each individual building within those plots shall satisfy the norms set by Bhubaneswar Development Authority (BDA) with the prevalent BDA Rules. Approved Master Plan on area of 30 Acre (as per Bhubaneswar Development Authority Permission Letter No.3931/BDA, Bhubaneswar dated 13.02.2018, FILE NO. BPBA-PL-444/17.
5. As per EIA Notification S.O. 1533 dated 14th September, 2006: Sr. No. 7(c) of the Schedule - Industrial estates/parks/complexes/areas, export processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes.

1	2	3	4	5
7(c)	Industrial estates/ parks/ complexes/ areas, export processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes.	If at least one industry in the proposed industrial estate falls under the Category A, entire industrial area shall be treated as Category A, irrespective of the area. Industrial estates with area greater than 500 ha. and housing at least one Category B industry.	Industrial estates housing at least one Category B industry and area <500 ha. Industrial estates of area > 500 ha. and not housing any industry belonging to Category A or B.	Special condition shall apply Note: Industrial Estate of area below 500 ha. and not housing any industry of category A or B does not require clearance.

Category A: If at least one industry in the proposed industrial estate falls under the Category A, entire industrial area shall be treated as Category A, irrespective of the area. Industrial Estates with area greater than 500 ha. and housing at least one Category B industry.

As per this Project Specification / EC Application: Plot Area = 1, 21,449.81m² or 30 Acres and there will be no industry of Category A. Therefore this proposed project will not come under Category 7(C) 'A'.

Category B: Industrial estates housing at least one Category B industry and area <500 ha. / Industrial estates of area > 500 ha. and not housing any industry belonging to Category A or B.

This proposed project will not come under 7(C) 'B' Category also as Plot Area = 1, 21,449.81m² or 30 Acres and there will be no industry of Category A or B.

6. As per MoEF&CC, Govt. of India amended EIA Notification No. S.O.3067 (E) dated 1st December, 2009:

If the area is less than 500 ha. but contains building and construction projects \geq 20,000 Sq. mtr. and or development area more than 50 ha., it will be treated as activity listed at serial no. 8(a) or 8(b) in the Schedule, as the case may be.

As per this Project Specification / EC Application: Plot Area = 1, 21,449.81m² or 30 Acres and **Total Built-up Area** = 1,48,000 m² that means \geq 20000 m² and <1,50,000 m² that means this proposed project will come under **Category 8(a)**.

7. As this Biotech Park is proposed for Bioprocess unit which will process the Biotech Products and formulation therefore the proposed units will not come under category 'A' or 'B' of Sr. No. 7(C) of schedule of EIA Notification 2006 and amendment thereafter, but the proposed Built-Up area is \geq 20,000 Sq. mtr. so the project will come under **Category 8(a) and as per MoEF & CC Notification No. S.O. 3252 (E) Dtd. 22nd December, 2014, General condition will not be applied against the project of category 8(a).**

1	2	3	4	5
		Building or Construction projects or Area Development projects and Townships		
8(a)	Building and Construction projects		>20000 sq.mtrs and < 1, 50,000 sq. mtrs. of built up area	<p>The term "built up area" for the purpose of this notification the built up or covered area on all floors put together including its basement and other service areas, which are proposed in building or construction projects.</p> <p>Note 1: The projects or activities shall not include industrial shed, school, college, hostel for educational institution, but such buildings shall ensure sustainable environmental management, solid and liquid waste management, rain water harvesting and may use recycle materials such as fly ash bricks.</p> <p>Note: - 2. - "General Conditions" shall not apply.</p>

8. Total land area of the project is 1,21,449.81 m² or 30 Acres or 12.144 Ha.
9. The proposed site is located at Mouza: Andharua, Post: Chandaka No-44, Tehsil: Bhubaneswar, Khorda District, Odisha. On Plot No 2084/3401, 2094, 2084, 2086/5097, 2089/5144 in Khata No.- 805, Kisam- Patita. The Geographical co-ordinate of the project site is:
- (a) A - 200 19' 07.78" N 850 45' 55.29" E
 - (b) B - 200 18' 57.96" N 850 46' 08.80" E
 - (c) C - 200 18' 57.86" N 850 46' 22.18" E
 - (d) D - 20° 19' 03.70"N 85°46' 21.56"E
 - (e) E - 20° 19' 07.55"N 85°46' 01.29"E
10. The project area is 7 km. from Khandagiri Square on NH 16, Bhubaneswar. It is about 13 minutes drive from Khandagiri Square. The nearest airport is Biju Pattanaik Airport which is 13.9 km away from the project site. Bhubaneswar railway station is 16.6 km away from the project site. Chandaka – Khandagiri Road, Daspur Road etc.
11. Meteorology: The maximum temperature is about 42.0°C and the minimum temperature is 16.0°C felt in the area. The average annual rainfall in the area is 1326.16 mm.
12. The building details of the project:

Particulars	Proposed
Plot Area	1,21,449.81 m ² or 30 Acres or 12.144 Ha.
Proposed total built-up Area	1,48,000 m ²
Activity of the proposed Biotech Park	
Biotech Area	75,703.71 m ² or 18.7 Acre (62.3%)
IB Area	25,504.46 m ² or 6.3 Acre (21%)
Commercial Area	20,241.64 m ² or 5.0 Acre (16.7%)
Power/Electricity Requirement & Sources	CESU / TATA Power 11 KV feeder line with substation available at site. Shall be upgraded to 33KVA as per

Proceedings of the SEAC meeting held on 04.06.2020

Particulars	Proposed
	<p>demand</p> <p>63 KVA Transformer is installed for power supply. Shall be upgraded as per demand at commencement of operation</p> <p>Solar – 45.0 KW</p> <p>Total – 1467.0 KW</p>
D.G.Sets	1 X 100 KVA
Stack Height for D.G.Sets (above roof)	3.2 meter
Stack Height for Boiler chute	30 m
Green Belt Area	12,448.60 m ² (10.25 %)
Parking Area	During Operational Phase Total 2883.69 m ² will be provided for parking area by OBPPL. It will be an Open Parking
Water requirement & Sources	450 KLD (Fresh), IDCO/ P.H. Sub-Division, Ghatikia, Bhubaneswar
Facilities for treatment or disposal of solid waste or liquid effluents	<p>Operational Phase:</p> <p>ii) Industrial waste :-</p> <p>*Sludgewaste:-85kg per month</p> <p>*Bio medical waste :- 6500kg per month</p> <p>*Oil waste:- 2000liter per year</p> <p>*E waste:- 300-500 kg per year</p> <p>*Solid waste : 36 to 48 kg per month</p> <p>The solid waste generated from project will be mainly industrial in nature. Solid wastes generated will be segregated into components such as biodegradable (waste vegetables and foods etc.), Hazardous wastes, Bio medical wastes, Oil waste and E waste. Solid Wastes will be collected in separate bins with different colours. The wastes will be disposed through approved agency. Hazardous wastes, Bio medical wastes, Oil waste and E waste will be disposed through</p>
	<p>Sewage & Effluents</p> <p>During constructional phase, sewage will be treated and disposed through septic tanks with soak pits.</p> <p>At operation stage, effluents will be:</p> <p>Domestic effluents / sewage –</p> <p>The estimated sewage for treatment within the Park is less than about 100 KLD (It is proposed to have 2 numbers of 50 KLD treatment plants with expandable capacities of 15KLD each, such that the setup may be phased out as per</p>

Particulars	Proposed
	<p>the demand. To start with, firstly a 50 KLD STP is proposed to be setup within the Park.</p> <p>It is also proposed that Common STP's with varied capacities will be installed at multiple locations within the Park to handle the load. Alternatively, septic tanks with soak pits systems shall be implemented at each individual unit and the Park shall facilitate clearance through pumping tankers/ licensed vendors. The same shall be insisted through the sub-lease agreement. The treated sewage will be recycled /re-used for flushing, general washing and greenbelt development purpose. Industrial effluent / Process effluent – proposed CETP's capacity will be 50 KL x 4 nos and the effluent network will be extended to all the industries and wet laboratories of the Biotech corridor.</p> <p>All output from Biotechnology units are decontaminated and sterilized so as to ensure safe disposal of effluents and to ensure all pathogens and viruses are killed prior to liquid disposal, the Park will ensure that every unit is equipped with a Kill Tank system known as a Decontamination System using Thermal-based decontamination systems</p>
Sewage Treatment & Disposal	<p>The estimated sewage for treatment within the Park is less than about 100 KLD (It is proposed to have 2 numbers of 50 KLD treatment plants with expandable capacities of 15KLD each, such that the setup may be phased out as per the demand. To start with, firstly a 50 KLD STP is proposed to be setup within the Park.</p>
Estimated Population	1500 nos.

13. Water Requirement: The total water requirement is approx. 450 KLD, out of which total domestic water requirement for Staff are 32 KLD & flushing water is 38 KLD. The total fresh water requirement is approx. 412 KLD on Daily Basis. The water requirement for the proposed project will be met through PHED supply. The treated effluent from the Common Effluent treatment plant & sewage treatment plant will be used for landscaping, flushing & DG set cooling, Road washing etc.
14. Wastewater Generation & Treatment - It is expected that the project will generate approx. 183 KLD waste water from CETP and 63 KLD from STP. The waste water will be treated up to tertiary level in STP of 100 KLD capacity provided within the complex and Industrial Effluent will be treated in CETP having capacities of 200 KLD, generating 218 KLD of recoverable treated waste water from STP & ETP
15. Rain Water will be harvested through 2 no. of harvesting pits.
16. Firefighting Installations: Firefighting measures shall be adopted as per the guidelines of NBC. External yard hydrants shall be installed around all buildings in the project and galvanized steel fire house boxes/cabinet (weather proof). Fire hydrant system will be provided within the individual units/ buildings, fire escape staircases and refuge areas will



be provided and the building structures will be planned as per NBC. In addition, 10 kg fire extinguishers will be provided for class A, B, and C fires. CO2 extinguishers will also be provided.

17. The project cost is ₹ 60.8 Crores (Phase I)
18. The Environment Consultant **M/s Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar** along with the proponent made a detailed presentation on the proposal before the Committee.

Considering the information / documents furnished by the proponent and presentation made by the consultant **M/s Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar**, the SEAC decided to take decision on the proposal after receipt of the following information / documents from the proponent.

- (i) List of type of industries that will be established in Odisha Biotech Park indicating the intermediate processes, the final products and the corresponding capacities.
- (ii) Detailed calculation for evaporation of water in water balance diagram and justification with calculation for evaporation of 50 KLD of treated water.
- (iii) Water balance in non-monsoon and monsoon period to be submitted.
- (iv) Detailed calculation of the percentage (5%) of usage of solar/ renewable energy
- (v) Supporting documents to the effect that they will produce Covid Vaccine by setting up of unit within the Biotech Park.
- (vi) Certificate from the concerned DFO that no DLC land is involved in the project area.
- (vii) Certificate from the concerned DFO that the project site is not located within the Eco-Sensitive Zone (ESZ) of Chandaka-Damapada Wild Life Sanctuary.
- (viii) Green belt in site of 30 acre was stated to be 10.12 percent which will increase to 22 percent when other industries of cluster will come up. Detailed justification with map to this effect shall be submitted.
- (ix) Certificate that drain through which STP treated water as well as industrial treated water will be discharged is of adequate capacity with layout and cross-section details.
- (x) As it is proposed that the STP treated water and industrial treated water shall be discharged to the public sewer, an agreement/permission with/from the concerned authority should be submitted.
- (xi) It is also proposed to dispose of the biomedical waste through licensed vendor. Hence the proposed list of vendor having licensed to deal with biomedical waste be submitted.
- (xii) An undertaking to the effect that the Industries to be set up in the Biotech Park will be of formulation type. Justification as to why the Biotech Park will not come under Sr. No. 7 (C) of Schedule of EIA Notification, 2006 and amendment thereafter.
- (xiii) The environmental parameters and the pollution load indicated in the report/ Presentations are stated to be hypothetical based on assumptions by the proponent. Therefore the Project Proponent need to submit the basis of arriving at all such assumed parameters through a summary sheet.
- (xiv) Considering different types of industries within the biotech park including the vaccine industry and hence the possibility of use of live animals, an undertaking to strictly adhere to the concerned ethical issues be submitted.
- (xv) What is the final quantity of effluents to be disposed showing the layout of drains till final disposal point? Permission from the concerned authority for disposal of treated effluents if any to the nearby drain.

ITEM NO. 02

PROPOSAL OF ENVIRONMENTAL CLEARANCE OF M/S. UTKAL REALTORS PVT LTD. FOR CONSTRUCTION OF HOUSING PROJECT (RESIDENTIAL USE TYPE) LOCATED AT- PAHALA, BHUBANESWAR, DIST – KHORDHA WITH TOTAL BUILT UP AREA - 30,990.21 SQM. OF SRI. PRAKASH CHAND BHURA (EC)

1. This is a proposal for Environmental Clearance of M/s. Utkal Realtors Pvt Ltd. for construction of Housing Project (Residential use type) located at- Pahala, Bhubaneswar, Dist – Khordha with total built up area -30,990.21 m². of Sri. Prakash Chand Bhura.
2. The proposal is for Environmental Clearance for proposed construction of proposed 2MLCP+Services+16 Storied Residential Apartment Building & B+G+3 Club and Convenient Shopping over Plot No. 292, 293, 294, 295, 296, 295/687 & 298, Khata No. 352/322, 352/237, 352/238 & 352/236 in Mouza- Pahala, Bhubaneswar, Dist- Khurda, Odisha of M/s Utkal Realtors Pvt. Ltd.
3. The proposed site is located at Pahala, Bhubaneswar, Odisha. The Geographical co-ordinate of the project site is: Latitude - 20° 20' 26.60" N & Longitude - 85° 53' 04.07" E. and the area comes under Survey of India Toposheet No- 73H/15. The project site is well connected with National Highway-16 (Jharpokharia-Chennai Road) at a distance of 0.13km. The nearest railway station is Bhubaneswar Railway station at a distance of approx 10.6 Km in South West direction. The nearest airport is Biju Pattnaik International Airport Bhubaneswar at a distance of approx. 13.4 Km in South-West direction from project site. The site is located adjacent to the local landmarks, Haridaspur Mosque, Jagannath Temple, Pahala Etc. There is no structure or encroachments on the site. The site is easily accessible from NH-16 Road.
4. Meteorology - The maximum temperature is about 36.0° C and the minimum temperature is 16.0° C felt in the area. The average annual rainfall in the area is 1326.16 mm.

5. Building Details Of The Project :

Total Plot Area	:	8,457.86 sqm
Kisam of Land	:	Gharabari
Residential Built up Area	:	26,718.91 sqm
Commercial Built up Area	:	4,271.30 sqm
Total Built up Area	:	30,990.21 sqm
Ground Coverage	:	2,875.00 sqm
Road & Paved Area	:	2,368.15 sqm
Green Belt Area	:	1,776.15 sqm (21.0 % Plot Area))
Total Parking Area	:	7,709.50 sqm (30 % of Residential FAR Area + 50 % of commercial FAR Area)
Height of the Building	:	59.45 m (Residential) & 14.95 m (Commercial)

6. Requirement for the Project:

- (a) **Statutory clearances Required /obtained:** BMC has provisionally Approved the builder plan vide letter no. 27719, dated 04.10.2019

Water & Sewerage connection from PH Division vide letter no. 1212, dated 21.01.2020

Ground Water application submitted to CGWA vide application no. 21-4/2492/OR/INF/2020, dated 18/05/2020. NHA permission for Storm & Wastewater discharge.

- (b) **Water requirement:**

Fresh make up of 75.0 m³/day will be required for the project which will be sourced from Ground water. Waste water of 95.6 KLD will be treated in a STP of 110 KLD capacity, which includes primary, secondary and tertiary treatment. After treatment the treated water will be discharge to the Highway Drain.

(c) **Power requirement:**

The daily power requirement for the proposed building is preliminarily assessed as 1056 KW (Solar System- 53.6 KW & CESU – 1002.4 KW). In order to meet emergency power requirements during the grid failure, there is provision of 2 nos. of DG set having 500 KVA capacities for power back up in the proposed building project.

For energy conservation, there will be 50 nos. of Solar Lighting poles (@72 Watt) has been proposed for Street & common area solar lighting, so

Energy conservation by using Solar Street Lighting = $50 \times 72 = 3600$ watt = 3.6 KW

Energy conservation by using Solar lighting for common area = 50 KW

Total Energy Conservation = $(50+3.6)$ KW = 53.6 KW

Total Energy saving = $53.6/1056 = 0.050 \times 100 = 5.0 \%$

(d) **Rain Water Harvesting:**

Rain Water will be harvested through 4 nos. of recharging pits.

(e) **Fire fighting Installations:** Fire fighting system will be installed as per recommendation of the Fire fighting Officer, Odisha and as per the guideline of NBC (part-4).

7. **Green Belt Development:** Green belt will be developed over an area of 1,776.15 sqm which is 21.0 % of the plot area; by using the local species like Neem, Karang, Golden Champa, Bakul, Bela, Bottle Palm, Cheekoo, Guava etc.

8. **Solid Waste Management:** From the residential complex solid waste in form of food waste from kitchen and miscellaneous waste will be generated @ 0.45 kg/person/day, which will be about 279.0 kg/day. The generated solid waste from the residential complex will be segregated as biodegradable and non-biodegradable. This will be collected in separate coloured beans. Proper waste management practices will be adopted during the collection, storing and disposal of the generated solid waste.

Waste generated from Commercial people will be @ 0.15 kg/capita/day, which will be about 84.0 kg/day

The waste generated from floating population in residents will be @ 0.15 kg/day, which will be 12 kg/day. 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. Around 47.8 kg/day of STP sludge will be generated.

Solid Waste from Residential Population - 279.0 kg/day

Solid Waste from Commercial Population - 84.0 kg/day

Solid Waste from Floating Population - 12.0 kg/day

STP Sludge - 47.8 kg/day

Total Solid Waste Generation - 422.8 kg/day

STP Capacity – 110 KLD

9. Total Estimated population is ₹ 1260.
10. The total estimated Project cost is ₹ 30 Crores and Environment Management Cost is ₹ 2.2 Lakhs.
11. The Environment Consultant **M/s Centre for Envotech & Management Consultancy Pvt. Ltd. Bhubaneswar, Odisha** along with the proponent made a detailed presentation on the proposal before the Committee.

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

information / documents from the proponent followed by visit of Sub-Committee of SEAC to the proposed site.

- (i) Land documents with kissam of land.
- (ii) Copy of RoR indicating owner and type of land to be submitted.
- (iii) Detailed basement height and construction design are to be submitted since it is located in low lying areas.
- (iv) Exact distance of the project from NH-5 is to be submitted
- (v) Permission from Govt. or private owners for discharge of non-monsoon water to municipality drain.
- (vi) Parking Area calculation in ECS with consideration of floating population
- (vii) Detailed calculation of the percentage (5%) of usage of solar/ renewable energy
- (viii) Detailed traffic density study with traffic management and traffic decongestion plan shall be done off to ensure that the current level of service of the roads with in 0.5 km radius of the Project and the NH is maintained and improved upon after the implementation of the Project. The study must address the cumulative impact of all developments and increase habitation for the next ten years.
- (ix) Site is located in flood prone area. High Flood Level (HFL) data to be collected and submitted.
- (x) Distance of the project site from NH-16 is 130 meter. Ownership of land area of 130 meter from the project site (document to be submitted) for discharge of treated water to drain.
- (xi) Status of approval of the building plan by the BDA along with copy of approval letter, if any to be submitted.
- (xii) Sketch of the Public drain including the permission from the authority of the drain to take the additional load of discharge of the treated water of this Project.
- (xiii) Status of permission for drawal of ground water from Water Resources Department, Govt. of Odisha.
- (xiv) This G+16 building has projected height of 59.9 meters. Permission/ NOC from Airport authority is needed. Status of permission of Airport Authority of India.
- (xv) 4 RWH pits is much less which shall be increased adequately. Design to be submitted.
- (xvi) Location of 2 DG sets along with venting height shall be justified that it will not cause air and noise pollution to inhabitants there.
- (xvii) Three tier greenbelt shall be developed on periphery with more number of plants. Min, max and average width of greenbelt be furnished.
- (xviii) Water balance during monsoon and non-monsoon period to be submitted.

ITEM NO. 03

PROPOSAL OF ENVIRONMENTAL CLEARANCE FOR M/S SUMRIT METALIKS PVT LTD. FOR EXISTING SPONGE IRON PLANT OF 100 TPD SPONGE IRON PRODUCTION ALONG WITH 23 TPD DOLCHAR AND 3 TPD ESP DUST, WITH PROPOSED CHANGE IN PRODUCT MIX I.E. 64 TPD REDUCED MAGNETITE IRON ORE AND 107 TPD REDUCED MANGANESE ORE (ALONG WITH DOLCHAR) AND 3 TPD ESP DUST FROM THE SAME KILNS WITHIN THE EXISTING FACILITY BY CHANGE IN RAW MATERIAL MIX FROM IRON ORE TO LOW GRADE MN ORE ASSOCIATED WITH IRON ORE (25-30%FE & 25-30%MN) OVER AN AREA 12 ACRES (4.85HA) AT VILLAGE SOYABALI, DIST – KEONJHAR OF SRI. RITESH JAGANI (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 the EIA Notification, 2006 and amendment thereafter.
2. M/s Sumrit Metaliks Private Limited is existing Sponge Iron plant at village Soyabali, Dist Keonjhar, Odisha over an area of 12 acres (4.85 Ha).
3. This is an existing DRI Plant established in the year 2003 and commercial production started since 2004 to manufacture sponge iron having capacity (2 x 50 TPD) along with 23 TPD Dolchar and 3 TPD ESP dust. Towards production of 100 TPD sponge, raw materials used are 150Ton/day Iron Ore (+62% Fe), 90 Ton/day Coal and 4 Ton/day Dolomite. So in totality the throughput is 244 Ton/day.
4. The project falls under Category- B, under section-3 (a) as per the prevailing EIA Notification, dated 14th September 2006 and amendments thereafter.
5. Proposed alternate proposal is change in product mix i.e. 64 TPD reduced Magnetite iron ore and 107 TPD reduced Manganese ore (along with dolchar) and 3 TPD ESP dust from the same kilns within the existing facility by change in raw material mix from iron ore to low grade Mn Ore associated with iron ore (25-30% Fe & 25-30% Mn).
6. The site is well connected with Rail, Road. The access road from Plant to Barbil Municipality road is 700 Meter only. Nearest Railway station is Barbil Railway station is 5.10 km away from project area. Nearest Highway is Bhadrasahi- Barjamda State Highway 2.4 KM, NH-215 passes at Bhadrasahi 3.0 KM. The nearest airstrip at Tonto is 4.6 KM from the plant site. Nearest major water bodies - Baitarani River – 4.5 KM (SE) , Karo River – 6.0KM (NW), Suna Nadi – 4.5 KM (SE). Nearest Reserved / Protected Forests - Thakurani R.F. – 0.3 KM (N), Baitarani RF – 5.0 KM (SE), Sidhamath RF – 3.0 KM (SW), Uliburu RF – 6.5 KM (NW).
7. **Environmental sensitive areas** - There are no Environmental sensitive areas, Protected areas as per Wildlife Protection Act, 1972 (Tiger reserve, Elephant reserve, Biospheres, National parks, Wildlife sanctuaries, community reserves and conservation reserves) near to the project site.
8. Other Industries (in Aerial distance) - Working & Non-working Iron & Mn Mines, Jagannath Steel plant, JSPL Pellet, Arya iron & steel, TATA Sponge, TATA Ferro Manganese
9. **Raw material proposed** - Low grade Iron (low grade MN Ore) around 197 Ton (Fe – 25-30%, Mn- 25-30%) will be used and Coal (45 Ton), Dolomite (2 Ton). So in totality the throughput is 244 Ton/day. Output will be Magnetite Iron Ore (50 Ton to 80 Ton), Mn Ore along with Dolchar (100 Ton to 120 Ton) and ESP/bag dust –3 T so Total = 174 T/day. There is no change in the unit operation with partial reduction in Kiln process.

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Secretary, SEAC

10. **Transportation** - Further Magnetite iron ore and enriched manganese Ore will be transported to nearby steel and ferromanganese plant through covered trucks by road or in forms of briquette as per the customer requirement.
11. **Water Requirement** - The total water requirement is 100m³/day from 2 bore-well inside the plant. NOC from CGWA already granted for the existing plant facility and the same will be continued. Domestic waste water generated from the unit is directed to soak pit via septic tank.
12. **Power Requirement** - 7500KWH per day Power Consumption from State GRID is already granted for existing facility and the same will be continued. For the emergency power supply to the essential loads DG sets of 500 KVA and 300 KVA is already available.
13. The existing unit has disposed the kiln accretion material at the earmarked solid waste dump area. Fly ash has been stored at earmarked area inside plant premise. In the proposed alternate process there will be no solid waste in the form of Dolchar.
14. Green belt around the plant premises already existed towards prevention of fugitive dust particle to go outside, if any.
15. As it is an existing project, there are already 105 persons (direct & indirect) workings for plant related activities.
16. The total project cost for Sponge Iron Plant was ₹ 12 Crore.
17. The Environment Consultant **M/s Ardra Consulting Services Bhubaneswar, Odisha** along with the proponent made a detailed presentation on the proposal before the Committee.
18. The proponent has requested during presentation to issue ToRs for EIA study by exempting for conducting public hearing under para-7(II) of EIA Notification, 2006 and amendment thereafter as this is a proposal for change in product mix by using the existing plant and machineries.

Considering the information / documents furnished by the proponent and presentation made by the consultant, the SEAC decided to take decision on the proposal after receipt of the following information / documents from the proponent.

- (i) Detailed technical justification working out the existing Pollution load vis-à-vis projected Pollution load due to the proposed capacity expansion/change in product mix.
- (ii) Exemption of public hearing along with some examples of decision taken by the EAC of MoEF&CC, Govt. of India for same/similar situations
- (iii) Detailed greenbelt area and percentage of greenbelt development in the existing plant.
- (iv) Permission besides NOC of CGW beside continued use of ground water by two existing bore wells, permission for such use being continued from water resources department Govt. Of Odisha be submitted.
- (v) Material balance at each stage with flowsheet of operation.
- (vi) Carbon foot print comparison of existing vis-à-vis proposed process with expected advantage.

ITEM NO. 04

PROPOSAL FOR ENVIRONMENTAL CLEARANCE OF UDIAGURA CHINA CLAY MINES OVER AN AREA OF 38.502HA AT VILLAGE- UDIAGURA & CHINDRI, TAHASIL- KORAPUT, DISTRICT - KORAPUT, ODISHA OF SRI. PENTAPATI LAKSHMAN SWAMY (TOR).

1. This is a proposal for issue of ToRs for EIA study of M/s Udiagura China Clay Mines over an area of 38.502Ha. at Village- Udiagura & Chindri, Tahasil- Koraput, District - Koraput, Odisha of Sri. Pentapati Lakshman Swamy (EC).
2. Govt. of Odisha issued terms and condition letter on 31.05.2001 in respect of the above mining lease in favour of Sri Pentapati Lakshman Swamy for a period of 20 years over an area of 38.538 Ha. As per the term and condition lessee had prepared mining plan as per rule 22 of MCR 1960.
3. The mining plan over 38.538 ha. was prepared by Sri Late N. Ojha RQP /BBS/029/2000/A and the said mining plan was approved by the Director of Mines on 20.11. 2001 vide letter NoMXXI-28/2001-11727/ DM.
4. Before the lease deed execution the area was resurveyed by concerned mining office and the total mining lease area was reduced from 38.538 to 38.502 Ha.
5. Therefore a revised proceeding was made by Govt. of Odisha. Finally the lease was granted over an area of 38.502 Ha for a period of 20 years vide letter No-III(K)-SM-I/2001-2395/SM. Accordingly the lease was executed on 28.03.2002 for a period of 20 years over an area of 38.502 Ha.
6. In the previous approved mining plan, detailed planning was made for the period from 2002-03 to 2006-07.
7. As such no mining scheme was prepared for the period from 2007-08 to 2011-12 and 2012-13 to 2016-17, a scheme of mining is being prepared now for the year 2016-17 to 2020-21
8. The surface right over 8.13 Acres or 3.29 hectares i.e. in village Udiagura 6.63 Acres and in village Chindiri 1.50 Acres has been granted by the Collector, Koraput on 08.05.2002.
9. The mining activities in the lease area were started in 2002-03 and have been temporarily discontinued from 01.07.2006 due to requirement of environment clearance. Mines was closed temporarily since 04.07.2006 to 27.06.2008.
10. Reopening of mines was on 27.06.2008 and only development work was carried out. Subsequently, the mine was suspended on 14.05.2010 by DDM Koraput for want of environment clearance.
11. During the period 04.07.2006 to 14.05.2010 there is no production from the lease area.
12. The Environment Consultant, **M/s Kalyani Laboratories Pvt. Ltd. Bhubaneswar, Odisha** along with the proponent made a detailed presentation on the proposal before the Committee.
13. The Committee observed that this is a violation case as the mine was operated without Environmental Clearance.
14. 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.

15. The project proponent has applied for Environmental Clearance on 20.02.2020, 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. 05


PROPOSAL FOR ENVIRONMENTAL CLEARANCE OF M/S. VASUNDHARA POWER AND INFRASTRUCTURE PRIVATE LIMITED FOR PRODUCTION OF 9,60,000 TPA COAL WASHERY OVER AN AREA OF 23.02 ACRES AT MOUZA - KALOBHAL, TAHASIL - HEMGIRI, DIST- SUNDARGRAH OF SRI. KAMALPAT DALMIA (TOR)

The project proponent didn't attend the SEAC meeting. The SEAC decided to defer the case to next meeting.

ITEM NO. 06

PROPOSAL FOR ENVIRONMENTAL CLEARANCE OF M/S. VASUNDHARA POWER AND INFRASTRUCTURE PRIVATE LIMITED FOR PRODUCTION OF 9,60,000 TPA COAL WASHERY OVER AN AREA OF 23.02 ACRES AT VILLAGE-TAPARIA MOUZA - GAINKAPALLI, TAHASIL -HEMGIRI, DIST- SUNDARGRAH OF SRI. KAMALPAT DALMIA (TOR)

The project proponent didn't attend the SEAC meeting. The SEAC decided to defer the case to next meeting.


Secretary, SEAC


Chairman (Working), SEAC