

**PROCEEDINGS OF THE MEETING OF STATE LEVEL EXPERT APPRAISAL
COMMITTEE, ODISHA HELD ON 04TH FEBRUARY, 2022**

The SEAC met on 04th February, 2022 at 10:30 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. K. Murugesan	-	Secretary
3. Dr. D. Swain	-	Member
4. Prof. (Dr.) H.B. Sahu	-	Member
5. Sri J. K. Mahapatra	-	Member
6. Sri K. R. Acharya	-	Member
7. Prof. (Dr.) B.K. Satpathy	-	Member
8. Prof. (Dr.) P.K. Mohanty	-	Member
9. Dr. K.C.S Panigrahi	-	Member
10. Dr. Sailabala Padhi	-	Member

Draft proceeding of the meeting was finalized by the members through e-mail and also final proceeding 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. 01

PROPOSAL FOR ENVIRONMENTAL CLEARANCE OF M/S PARAMITRA SMART INFRA SNA PRIVATE LTD. FOR MODIFICATION AND EXPANSION OF PROPOSED “SHANTI NAGAR AWAS YOJNA” [PRIVATE DEVELOPER PROJECT] LOCATED AT MOUZA-SATYA NAGAR, PLOT NO. -121'125'126'128'129'130&143(P), THANA-NEW CAPITAL BHUBANESWAR, DISTRICT -KHORDHA, ODISHA OF SRI SHYAM SUNDAR PADHY – EC.

1. **M/s Paramitra Smart Infra SNA Private Ltd.** is coming with Environmental Clearance for Expansion and Modification and of proposed “**SHANTI NAGAR AWAS YOJNA**” [Private Developer Project] At mouza- Satya nagar, plot no. -143(P), Thana-New Capital Bhubaneswar, District -Khordha, Odisha of - M/s Paramitra Smart Infra SNA Private Ltd.
2. Shantipalli slum is located on the land belonging to the General Administration (GA) department. Government of Odisha has decided that BDA, which is also the State Level Nodal Agency, shall implement the in-situ redevelopment project of Santipalli slum. Accordingly, the land (on which the cluster is situated) is being transferred to BDA. There will be permanent change in land use pattern as mostly GA land will be used for construction of private development based on the market dynamics and development guidelines.
3. Paramitra Smart Infra SNA Private Limited is developing the site in partnership with Bhubaneswar Development Authority (PPP Mode). The project (PPP) guidelines stipulate 7.797 acres land area allocation for EWS Housing, while remaining 2.1 acres land will be utilized for private development based on the market dynamics and development guidelines. Proposed area is coming under Wholesale Commercial Use Zone as per CDP.

4. Land has been acquired for residential - development under an In-Situ slum Redevelopment Project. The land will be used for construction of Residential complex with club. There will be permanent change in land use pattern, as mostly land will be used for construction of Residential Complex with Retail & Club. Total land acquired for this project is 8498.7 sqm 2.10 Ac. Proposed Total Built up Area is **119108.29 sqm [Existing 49927.11 sqm. to proposed 119108.29 sqm]**
5. The proposed expansion project will have a total building foot-print of 3111.84 sqm (36.62% of the total plot area & (existing ground coverage 1912.37 SQM. (22.5%) Total green area proposed 3438.57 sqm (40.46 % of total area (exclusive plantation area 1755.83 sq.m. (20.66 %) and lawn area 1682.74 sqm (19.80%) of the plot area)
6. The Geographical coordinates of the project site is 20°17'7.54"N & - 85°51'2.19"E. The nearest airport is Biju Pattanaik Airport which is 5.4 km away from the project site towards S-S-W direction. Bhubaneswar railway station is 2.36 km away from the project site towards SSW direction. Banivihar railway station is 0.8 km away from the project site towards N-N-E direction. (aerial distance). Maharshi College Road is adjacent To Project Site at the distance of 0.70 km in E direction. NH-203 (Cuttck-Puri Road) at the distance of 0.95 km in NW direction.
7. The total water requirement is approx. 356 KLD (domestic + flushing), out of which total domestic water requirement for residential and shops are 244 KLD & flushing water is 112 KLD. The total fresh water requirement is approx. 244 KLD on Daily Basis. The wastewater will be treated up to tertiary level in one STP of 350 KLD capacity provided within the complex generating 260 KLD of recoverable treated waste water from STP which will be recycled within the project sit and excess treated waste water will be discharge to existing municipal drain.
8. The power supply shall be supplied by TPCODL. The maximum demand load is estimated at 3658KW There is provision of Power backup for the residential project will be through DG sets of total capacity -1x2000 KVA & 1X1500 KVA silent DG Set.
9. Solid waste generation will be approximately 970 KG/DAY which will be supplied to Bhubaneswar Municipality for further disposal. Recyclable and non-recyclable wastes will be disposed through Govt. approved agency. Hence, the Municipal Solid Waste Management will be conducted as per the guidelines of Solid Wastes Management Rules, 2016.
10. During the operational stage, operation of Standby DG Sets and Vehicular Movements are main source for air pollution. Low sulfur diesel oil (LDO or HSD) will be used in DG sets. Water will be sprinkled to suppress dust, while cleaning and sweeping the roads and pavements. Proper traffic management and provision of acoustic enclosure for silent type DG sets will control noise level. Plantation along the peripheral boundary walls will also act as acoustic screen or vegetative barrier against the propagation of noise and pollutants.
11. Total project cost is ` 153.84 Cr
12. The Environment consultant **M/s Visiontek Consultancy Services Pvt. Ltd. Bhubaneswar** along with the proponent has 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 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 followed by site visit of the sub-committee of SEAC.

- i) Land document with kissam of the land (Sabik and Hal).
- ii) Layout of internal drains / sewer along with ownership of the land / ROW since the same need to be in favour of PP.
- iii) Permission of the authority of the drain / sewer to take the addl. load of this proposed project including the scheduled operation of the sewer system.
- iv) Parking in terms of space and ECS for 4 wheelers, 2 wheelers including bicycles be calculated separately for dwellers & visitors (floating population) indicating the norm as well and showing it in the layout map & be submitted.
- v) Stack height of DG sets with installation drawing of exhaust pipe be submitted.
- vi) Green belt of plot area detail calculation with dimension continuous around the boundary showing in the layout map shall be submitted.
- vii) Recommendations of Fire Safety Deptt.
- viii) A comparison table of earlier plan in terms of units, parking, built up area, green belt may be provided with norms.
- ix) Structural stability for the change in the building plan from authorised structural Engineer of BDA be submitted.
- x) Since there is a reduction of 50 dwelling units in the revised proposal, Parking in terms of ECS compatible with the space provided as per norms indicating the norm of space per ECS with the copy of the referred document be submitted.
- xi) Traffic Study copy be submitted.
- xii) Calculation of RWHP (number) be revisited with maximum hourly rain fall in 24 hours in last 30 years of logical climate data with run off co- efficient s as per the norm/ realistic input and retention time.
- xiii) Plan with detail calculation of solar power consumption vis- a- vis the generation and as percentage of total power demand be submitted.

ITEM NO. 02

PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR RAICHANDA SAND BED MINE ON RIVER BRAHMANI OVER AN AREA OF 8.093 HA OR 20.00 ACRE IN VILLAGE RAICHANDA, UNDER DHARMASALA TAHASIL OF JAJPUR DISTRICT OF SRI SRIBASH JENA – EC.

1. The Environmental Impact Assessment (EIA) & Environmental Management Plan (EMP) of Raichanda River sand bed has been granted to Successful bidder Sri Sribash Jena by Tahasildar, Dharmasala, to address all the environment related issues and is prepared in accordance with the requirements of the Approved TOR issued by SEIAA vide letter no. 247/SEIAA dated 01.02.2021, Odisha and as per Ministry of environment forest & Climate

Change, Govt. of India, EIA notification (2006) and subsequent amendments. The EIA / EMP report for the mines has been prepared by Kalyani Laboratories Private Limited, Bhubaneswar based on the base line study carried out during December 2020 to February 2021.

2. Project Details

Sl. No.	Salient Features	Description
1.	ML area	8.093 Ha.
2.	Village	Raichanda
3.	Tahasil	Dharmasala
4.	District and State	Jajpur, Odisha
5.	Land Category	Nadi Kisam
6.	Toposheet No.	F45T13 & F45U1
7.	Lattitude	20°52'45.10"N to 20°52'52.96"N
8.	Longitude	85°59'59.49"E to 86°00'12.90"E
9.	Nearest Town	Chatia
10.	Nearest road	NH 200: 1Km; Brahmani River Road: 0.5 Km, Pingal Road: 2.1 Km
11.	Nearest Railway station	Jenapur Railway station- 7.5 Km
12.	Ore to be mined	Sand
13.	Stratigraphy	upper deltaic plain
14.	Rate of production	16800 cu.m per annum
15.	Nature of Waste	No waste generated
16.	Water requirement	3000 liters/day
17.	Source of water	By tanker
18.	Man power	21 nos
19.	Transport	By Haiwa, Truck/ Tractors
20.	Cost of the project	Rs.2,00,000/- approximately

- The project intends for excavation of maximum up to 16800cu.m/ annum of sand from the lease area. The project site of Raichanda sand Quarry is located on the river bed of Brahmani River in village Raichanda under Dharmasala Tahsil of Jajpur district. The lease area is located in survey of India toposheet no. F45T13 & F45U1 between latitude of 20°52'45.10"N to 20°52'53.00"N and longitudes of 86°00'00.02"E to 85°59'59.49"E.
- The method of excavation of sand from Raichanda Sand quarry will be Semi mechanised open cast mining. The mode of the deposits, geomorphology of the area and its hydrological condition are some of the factors that favour the open cast method of mining. The geological and mineable reserve of the lease area is 161842 cu.m and 143656 Cu.m respectively.
- The lessee will employ 02 skilled, 04 semiskilled and remaining 15 unskilled workers for the excavation of sand. The mining lease area falls within the river course of Brhamani River, below the high flood level. It therefore cannot be put to any other use. The kisam of land under the lease is Nadi. Before the lease was granted it was part of the river course. During the mining of river bed the mining would be resorted to a depth of 2 m only. After the mining the lease will remain as a part of river bed and replenishment of sand will be carried out during the rainy season.

6. As per the land use pattern of the buffer zone of the proposed project area it has been observed that about 34% of the total land use comes under crop land and 34% of the land coming under fallow land, Scrub land 11%, Forest including open forest 6%, River, River bed and water bodies 8% and industrial area 3% of the total land use.
7. From the soil analysis result it can be concluded that the soil of the area is highly fertile and suitable for agricultural purpose.
8. From the water quality results, it can be inferred that all the parameters analyzed are under the prescribed limit as per IS 2296:1982 as per class C and the water does not contain any pollutants which would be hazardous for human, animal or crop health. As per the analysis of ground water of the area it has been observed that, water is colourless and odourless. The drinking water parameters are within the standard as prescribed in IS10500: 2012.
9. The PM₁₀ concentration of the monitoring locations varies from 38 to 59 µg/cu.m, PM_{2.5} concentration varies from 20 to 27 µg/cu.m, SO₂ concentration varies from 4.0 to 12 µg/cu.m and NO_x concentration varies from 8.8 to 22 µg/cu.m. As per the National ambient air quality standard, 2009 the air quality parameters are within the prescribed limit.
10. There is no ecological sensitive zone, wild life sanctuary, Biosphere reserve, wild life corridor present within the 10 Km buffer zone of the project site.
11. The prediction of air quality due to proposed activities through simulation model shows that, taking into account of all the conceptual particulate matter generating area of river sand bed mines as the source parameter the maximum incremental Ground Level Concentration (GLC) of PM₁₀ will be 4.2 µg/m³ in North East direction at a distance of 300 m in the lease area.
12. As the lease area is a part of active river course, development of green belt within the lease area is not possible. There is the proposal for development of green belt along the road side, river bank and village waste land. Plantation will be done in 2000 nos of saplings along the river bank.
13. The public hearing for environment clearance for Raichanda Sand Mine of M/s St Minerals Pvt. Ltd. on river Brahmani over an area of 8.093 ha. in village Raichanda, Tahasil Dharmasala in the district of Jajpur was conducted on 25.10.2021 at Raichanda Grampnchayat office in Raichanda village, Jajpur. The major issues raised during public hearing are employment, maintenance of village road, drinking water facility etc.
14. The Environment management cost allocated for the project will be ` 3.00 lakhs per annum and social development cost will be ` 5.8 lakhs as allocated in compliance to public hearing demand.
15. The Environment consultant **M/s Kalyani Laboratories Pvt. Ltd., Plot No. 78/944, Millenium City, Pahala, Bhubaneswar – 752101** along with the proponent has 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 Kalyani Laboratories Pvt. Ltd., Plot No. 78/944, Millenium City, Pahala,**

Bhubaneswar – 752101, the SEAC decided to take decision on the proposal after receipt of the following information / documents from the proponent.

- i) Confirmation of stone patching on river bank with plantation in between indicating the stretch with dimension, leaving the ramp.
- ii) Plantation, specific sprinkling arrangement with procedure to mitigate dust emission on haulage road and avenue plantation.
- iii) Permission from BDO in case of use of Panchayat Road (if any) for transportation of sand including maintenance of the same by PP.
- iv) Plantation alongside of river bank to avoid erosion.
- v) Avenue plantation besides plantations on both sides' village road & haulage road.
- vi) Perennial sprinkling on haulage road to arrest fugitive dust emissions.
- vii) To indicate the stretch of the river bank on both sides of the river with dimensions to be stone patched.
- viii) Details, viz: width of the river, no mining zone, distance of lease area from the banks with summary of the findings of the Replenishment study be submitted as per Enforcement & Monitoring Guidelines for Sand Mining, January, 2020 of MOEF&CC, Govt. of India.

ITEM NO. 03

PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR ANABADI DECORATIVE STONE (GARNETIFEROUS GRANITE GNEISS) MINES DEPOSIT OVER AN AREA OF 12.100 HA./29.90AC. LOCATED IN VILLAGE - ANABADI NO.21, UNDER TAHASIL - BANDHUGAON, DISTRICT - KORAPUT, ODISHA OF SRI NEMANI RAMKRISHNA – EC.

1. The Environment Impact Assessment and Environmental Management Plan of Anabadi Decorative stone Mines address all the environment related issues and is prepared in accordance with the requirements Ministry of Environment and Forest, Govt. of India, EIA notification (2006) and subsequent amendments.
2. Brief profile of the project are given below:

Sl. No.	Features	Anabadi Decorative Stone Mines over an area of 12.100 Hectares
i)	Grant of Lease	The applied Mining lease area over 12.100 Hectares or 29.90 Acres in village Anabadi, under Bandhugaon Tahasil of Koraput district, Odisha was granted by Department of Steel & Mines, Govt. of Odisha vide Letter No. ⁵⁶⁴¹ IV (DS) SM-04/2019 Bhubaneswar, on dated 02.08.2019 in favour of Sri Nemani Ramakrishna for 30 years.
ii)	Lease Period	30 Years
iii)	Mining Plan Approval	The Mining Plan along was approved by Director of Mines, Odisha, Bhubaneswar vide letter no. MXXII-(a) 9/2019/5089/DM on dated 23.07.2020

		for a period of five years
iv)	Category of The Project	B1 (New Mines) Lease area > 5.0 Ha (Minor Minerals)
v)	Cost of The Project	200 Lakhs
vi)	Manpower Requirement	25 Nos
vii)	Production Capacity	18000 m ³ of Rock mass, 3600m ³ of Decorative stone, 900 m ³ of Khanda per annum with maximum production of 4000 cu.m of decorative stone
viii)	Elevation above mean-sea-level (MSL)	Highest altitude of 660 m and the lowest point is about 610 m.
ix)	Nearest Highway/State High Way	SH 36: 8 Km SH 4: 11 Km
x)	Nearest Railway Station	Jemedipeta railway Station: 7.2Km Ladda Railway Station: 8Km
xi)	Nearest major habitation	Bandhugaon: 20 Km
xii)	Intersect Boundaries	Odisha-Andhra Pradesh: 8 Km
xiii)	Nearest River	Nagaballi River: 8.2 Km
xiv)	RaniturgaNadi	6 Km
xv)	Karlapat Wild Life Sanctuary	17.2 km
xvi)	Bio-Reserves	Nil within 10 Km radius
xvii)	Wild life (Elephant) corridors	Nil within 10 Km radius

3. The Anabadi a Decrative Stone Mines over an Area of 12.100 Ha or 29.90 Acre located in the village Anabadi no 21, under Tahasil - Bandhugaon, District Koraput and Odisha. During the total plan period (five years), it has been targeted to excavate 90,000 m³ of rock mass, 18000 m³ of decorative stone, 4500 m³ of khanda and remaining 67500 m³ of waste/rejects.
4. The geological and mineable reserve of Anabadi Decorative Stone Mine 12.100 Ha is 381510 cu.m and 202968 cu.m respectively.
5. During the plan period of five years total volume of decorative stone will be 18,000 cum, total volume of presently non-saleable stone will be 4,500 cum and total volume of waste will be 67,500 cum.
6. A total of 67500 m³ (in-situ) or 87750 m³ swollen (swell factor of 1.3) waste/rejects is likely to be generated during the plan period. These wastes will be utilized con-currently for construction and maintenance of road in the lease area. Remaining wastes will be sold time to time for construction purpose, after obtaining required permission of Govt. authorities. For temporary storing of these wastes, an area of 0.695 Ha has been earmarked in the southern part of the M.L area.
7. Mining is proposed by opencast and semi mechanized method with the deployment of machines like L/D bore machine, jack hammer drill, compressor, hydraulic excavators & tippers.

8. The decorative stone blocks will be extracted, loaded and transferred from a quarry face to the stone cutting shop/processing plant/port through trailers/lorries/ trucks.
9. Total water requirement for the project will be 5 KLD out of which 2 KLD will be required for drinking and domestic purpose and 1.5 KLD for dust suppression and 1.5 KLD for plantation purpose. Source of domestic water will be nearby village well. No electricity connection within ML area.
10. A total of 25 people have been employed for smooth operation of the mine.
11. The EIA/EMP report is based on the data generated from October 2020 to December 2020 by M/s Kalyani Laboratories Private Limited. The study area is confined to 10 km radius of the ML area.
12. From the soil analysis result, it can be concluded that the soil of the area is having low fertility in terms of Nitrogen and medium in terms of Potassium content and high in terms of Phosphorous content. The cultivation observed in the agricultural fields is Paddy, Cotton, Sunflower, Fax Seed, Maize, Small millet and vegetables.
13. During the study period, the concentration of PM₁₀ in the project site varies from 33.6-37.5 µg/m³ and from 29.5-53.8 µg/m³ in the nearby villages. The value of PM_{2.5} in the project site is 15.3-19.8 µg/m³ and the average of PM_{2.5} varies from 16.8-22.6 µg/m³ in the surrounding villages.
14. The pH of the sample water ranges from 6.8-7.2, EC value ranges from 0.118-0.200 mS/cm, D.O ranges from 6.8-7.1 mg/l, BOD in nearby waterbody is less than 1 mg/L, TDS ranges from 90-150 mg/l, total hardness varies from 64-100, nitrate value ranges from 0.3-0.6 mg/l, Fluoride content ranges from 0.4-0.8 mg/l.
15. As Per the data it has been observed that the pH of the ground water varies from 6.5 To 7.6, Chlorides Ranges From 6.0-18.0 Mg/L, Sulphates value found to be less than 0.01, Fluoride Ranges low in lease area i.e.<0.05, Hardness varies from 48-80 mg/l, Total dissolved solid 70-140 mg/l & the above results shows that ground water is suitable for human consumption at free place. The water quality of the area has been analysed as per IS 10500: 2012 and found to be suitable for drinking purpose. The water does not contain any physical or chemical contamination.
16. The study area within 10 Km of the project site is devoid of any national parks, sanctuaries, Biosphere reserves, wild life corridors, tiger reserves etc.
17. The prediction of air quality due to proposed activities through simulation model shows that, taking into account of all the conceptual particulate matter generating area of decorative stone mining at Anabadi as the source parameter the maximum incremental Ground Level Concentration (GLC) of PM₁₀ will be 1.11 µg/m³ in W direction at a distance of 100m in the lease area. The resultant concentration of PM10 will be 38.51µg/m³ which is well below the prescribed National standard of ambient air quality.
18. The mining activity is not likely to intersect ground water as the ground water table occurs at 540 mRL in summer season and in Rainy season at 550 mRL. The mining will go up to the

maximum depth of 612 mRL. So there will be no chance of intersecting the ground water table by the mining activity during the conceptual period also.

19. The plantation will be done over an area of 1.552 Ha in the lease boundary and open spaces available. By the end of conceptual period the dumping and stacking area will be covered under plantation
20. The Public Hearing in respect of Environment Clearance for Anabadi Decorative Stone (Garnetiferous Granite Gneiss) of Sri Nemani Ramakrishna for the purpose of achieving maximum production capacity of 3600 m³ per annum of decorative stone over an area of 12.100 Ha. at Village Anabadi No. 21, under Bandhugaon Tahasil of Koraput District, Odisha was conducted on Dtd.17.11.2021 at 11 A.M. over plot No. 70, Khata No.23, in Mundapadar village under Bandhugaon tehsil of Koraput district, Odisha. The major issues raised during public hearing area pollution control, health, education, drinking water facility, employment for the local youth etc.
21. The updated capital cost and recurring cost (per annum) for the environmental facilities for the project works out to ` 9.5 Lakhs and ` 5.7 Lakh / year respectively. The cost allocated for social developmental work as per commitment made during public hearing will be ` 32.80 Lakhs.
22. The Environment consultant **M/s Kalyani Laboratories Pvt. Ltd., Plot No. 78/944, Millenium City, Pahala, Bhubaneswar – 752101** along with the proponent has 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 Kalyani Laboratories Pvt. Ltd., Plot No. 78/944, Millenium City, Pahala, Bhubaneswar – 752101**, the SEAC decided to take decision on the proposal after receipt of the following information / documents from the proponent.

- i) Dump management with detail calculations of waste utilization / inventory / sale including its chemical characteristics be submitted.
- ii) Water management with rain water harvesting along with calculation be submitted.
- iii) Local people should get employment owing to sensitivity of the area.
- iv) Silt management including procedure for silt management for de-silting of surrounding water body(s) / Agricultural land be submitted.
- v) Proposed “Zero discharge” mechanism be submitted.
- vi) Proposed budget for CSR / CER as per the law with due approval of the Govt. authority be submitted.
- vii) Details of composition of waste is to be provided.
- viii) Reduction in cutting of tress and promote transplantation of tress on safety zone.
- ix) NOC from the concerned BDO for use of Panchayat/ village road for transportation of minerals.

- x) Details of Rain Water Harvesting Pond (s) with number and design vis- a- vis the adequacy of the same be submitted.

ITEM NO. 04

PROPOSAL FOR ENVIRONMENTAL CLEARANCE FOR ADHAPATI PAIKANADI SAND BED OVER AN AREA OF 5.059 HA./12.50AC. WITH PROPOSED EXCAVATION OF 15,180 M³/YEAR OF SAND, IN VILLAGE - ADHAPATI, TAHASIL - TIRTOL, DISTRICT - JAGATSINGHPUR, ODISHA OF SRI HARAPRASAD SENAPATI – EC.

1. Sri Haraprasad Senapati proposes to mine Sand Quarry from an approved Mining Lease over an area of 5.059 hectares (Non-Forest Land) which is located in Khata No. 278, Plot no. 1, Kisam Nadi, Village: Adhapati, Tehsil: Tirtol, District: Jagatsinghpur, Odisha. The proposed capacity during the current mining scheme period is 15,180 m³/year.
2. The proposed mining project falls under Category 'B1' as per EIA notification 2006 of Ministry of Environment and Forests, New Delhi.
3. The demand in the domestic market is high Sand mineral is available in abundant quantity in the contracted area and can be excavated indigenously. Import does not apply in the present case of Sand mining.
4. There is no proposal to export the Sand at present.
5. The Sand excavated will be directly sold in the market. The proposed mining activity is for indigenous consumption only for real estate and infrastructure sector etc. No possibility of export of Sand from this contract.
6. The proposed project will generate direct employment to 27 people of the local people and number of indirect beneficiaries will be of the order of 100.
7. The mineral is site specific, hence there are no alternative sites considered. Mining activities are carried out based on local geology and availability of minerals.
8. The proposed mine has lease over an area of 5.059 Ha., in Khata No. 278, Plot no. 1. The total extractable material would be approx 15,180 m³/year.
9. 5.0 KLD Water requirement will be met from nearby available water resource and drinking water will be sourced from tanker.
10. No electrical power shall be required for mining operations.
11. No Solid Waste will be generated.
12. No liquid effluent will be generated at the mine site due to the mineral excavation.
13. The Estimated cost of the proposed Project is approximately Rs.10 lakhs.
14. The Estimated cost of EMP for the proposed Project is approximately Rs.1,25,000 (Capital Cost) & Rs.55,000 (Recurring Cost).
15. Public hearing was organized under the Chairmanship of Smt. Chinmayee Biswas, Additional District Magistrate, Collector office Jagatsinghpur at 10.30 AM on dtd. 23.09.2021 at playground adjoining to Sreema Govt. Girls' High School, Village-

Adhapati, Tehsil – Tirtol, District – Jagatsinghpur. During Public Hearing 6 suggestions/opinions were received during the public hearing by local citizens. About 65 local people participated in public hearing.

16. The project will bring economic benefits to the State by the ways of royalty of mineral. The mining operations shall be providing employment to approximately 27 people of the local area and benefiting more than 100 people indirectly. Socio-economic condition of area will improve as mining activity will create additional employment for the local people raising their living standard and socioeconomic status. Significant contribution will be made towards education, medical facilities and cultural aspects.
17. The Environment consultant **M/s Green Circle Inc., Green Empire (Anupushpam) Above Axis bank, Near Yash Complex, Gotri Main Road, Gotri, Vadodara - 390021 (Gujarat)** along with the proponent has 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 Green Circle Inc., Green Empire (Anupushpam) Above Axis bank, Near Yash Complex, Gotri Main Road, Gotri, Vadodara - 390021 (Gujarat)**, the SEAC decided to take decision on the proposal after receipt of the following information / documents from the proponent.

- i) Revised mining plan.
- ii) Layout of Progressive Mining Plan closure.
- iii) Revised Mining plan in the light of Techno- Economic feasibility be submitted with due approval of mining authority and the concerned Tahsildar.

ITEM NO. 05

PROPOSAL FOR ENVIRONMENTAL CLEARANCE OF M/S MANIKESWARI MINERALS FOR BANKIA QUARTZ AND GEMSTONE MINES OVER AN AREA OF 21.092 HA AT VILLAGE BANKIA, TEHSIL- BIRAMAHARAJPUR, DIST- SONEPUR, ODISHA OF SRI RAJENDER KUMAR AGARWAL (PROPRIETOR) – EC.

1. The Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) carried out for the Bankia Quartz and Gemstone mines over an area of 21.092 Ha, at Village-Bankia under Biramaharajpur Tahasil of Sonepur District, Odisha.
2. Brief profile of the project are given below:

Sl. No	Salient Features	Description
i)	Total applied ML area	21.092 ha
ii)	Village	Bankia
iii)	District and State	Sonepur, Odisha
iv)	Land Category	Agricultural land, Grazing land and waste land
v)	Toposheet No.	73D/1
vi)	Latitude	20°57'01"N
vii)	Longitude	84°05'38"E

Sl. No	Salient Features	Description
viii)	Nearest Town	Biramaharajpur (12Km)
ix)	Nearest Railway station	Charmal (20Km)
x)	Nearest Forest	Hatalimund Reserve Forest: 6Km, W
xi)	Reserves	Total Geological Reserve : 539750T Total Mineable Reserve : 407750 T
xii)	Ore to be mined	Quartz & Gemstone
xiii)	Life of the mines	50 Years as per MMDR Act 2015
xiv)	Total Waste generation	8286 Cu.m (During proposed plan period)
xv)	Stripping Ratio	1: 0.17
xvi)	Water requirement	8000 litres per day for domestic and non-domestic purpose
xvii)	Source of water	Domestic water requirement will be sourced from dug well and the water requirement for non-domestic purpose stone will be sourced from mined drainage water
xviii)	Man power	44
xix)	Transport	By Truck/ Tippers
xx)	Cost of Project	300 lakhs

- The mine is granted for mining of Quartz and Gemstone deposit granted in favour of M/s Manikeswari Minerals on 07.01.2017, by Department of steel and Mines, Govt. of Odisha, Bhubaneswar. The mining plan has been approved by Directorate of Geology, Govt. of Odisha vide letter no. **7950/DM** dated 15.05.2003 and modified mining plan has been approved vide letter No.**BBS / SNP/Qtz & Gem / MP-255 on dated 29.09.2005.**
- In a view to obtain environmental clearance for Bankia Quartz and Gemstone mines, has entrusted the assignment to M/s Kalyani Laboratories Private Limited Bhubaneswar for preparing EIA /EMP report.
- Kalyani Laboratories private limited (MoEF& CC and NABL accredited Lab) has gathered required baseline data for winter season (December 2019 to February 2020) and accordingly prepared the EIA / EMP report.
- The area represents a plain and less undulating topography with a gentle slope towards South - East whose major part is covered with grazing land and agricultural land. The highest and lowest counters marked in the area are 128 mRL and 119 mRL respectively. The area falls under survey of India Toposheet no. 73D/1 between latitude 20°57'01"N and longitude 84°05'38"E. No perennial nala exists in the lease area. Surface runoff water flows to east as the area slope towards south east. Surubali Jhor flows from north to south at about 6 Km east to applied area and Harihar Jhor flows from north to south is at about 3 Km from the area towards southwest. The land use pattern of the lease area is Atta, Mala, Berna, Gochar.

7. The geological reserve as estimated from the lease area is 5.39,750 tonnes and the mineable reserve is 377825 tones. The colluvial material available in the lease area is 3500 cu.m. Quartz in the ML area is excavated by conventional method of opencast mining on single shift basis.
8. The proposed production from the lease area will be 18600 cu.m per annum of quartz and 17.5 Kg of amethyst from the lease area.
9. As per the satellite imagery of the buffer zone of the project site it has been observed that about 40 % of the land cover is used as Fallow land, 38 % of the land is Crop Land depend upon rain for cultivation, forest cover of the area is about 10% and Open forest land is about 6%.
10. During the study period the concentration of PM₁₀ varies from 37.5 to 56.3 µg/m³ and PM_{2.5} varies from 17.2 to 26.2 µg / m³. The conc. of SO₂ varies from 5.2 to 10.4 µg / m³ and NO_x conc. varies from 9.1 to 19.2 µg / m³.
11. The surface water analysis result reveal that the water is suitable for outdoor use for human, cattle drinking and irrigation purpose.
12. From the water quality results it can be inferred that all the parameters analysed are under the prescribed limit specified under IS10500: 2012 for drinking water. The water does not contain any pollutant which would not be hazardous for human, animal or crop health.
13. The soil analysis result shows that the soil is lower to medium fertile and suitable for paddy cultivation.
14. There is no ecological sensitive zones, wild life sanctuary, national park or biosphere reserve located within the buffer zone of the lease area.
15. The mining activity will be carried out up to ultimate depth of 120 mRL and the depth of ground water during pre-monsoon period is 116 mRL and during post monsoon it is up to 110 mRL. The mining activity will not intersect the ground water table so the impact of the mining activity on the ground water table will not be there.
16. Plantation of about 4000 saplings has been done along the boundary i.e. safety zone and 500 saplings will be planted on the amethyst bearing zone during the first 2 years of plan period. Further there will be plantation over an area of 5.920 Ha with 10000 saplings in the backfilled area during conceptual period.
17. The Public hearing for Bankia Quartz and gemstone mines was carried out at Bankia village of Subarnapur District on 02.09.2021 as per the provisions of EIA Notification, 2006 of MoEF&CC, Govt. of India. The proponent assured for implementation of the Social developmental programme as per the schedule. The local people will be allowed for Kendu leave collection during morning hours from upper and lower part of lease area.
18. The cost allocated for Environment management plan will be ₹ 30 lakhs as Capital expenditure and ₹ 10 lakhs per annum as recurring expenditure. The cost allocated for social developmental activities will be ₹ 28.05 lakhs.

19. The Environment consultant **M/s Kalyani Laboratories Pvt. Ltd., Plot No. 78/944, Millenium City, Pahala, Bhubaneswar – 752101** along with the proponent has 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 Kalyani Laboratories Pvt. Ltd., Plot No. 78/944, Millenium City, Pahala, Bhubaneswar – 752101**, the SEAC decided to take decision on the proposal after receipt of the following information / documents from the proponent.

- i) Layout showing areas garland drain, mining area, green belt, settling pond along with dimensions,
- ii) Dump management with detail calculations of waste utilization / inventory / sale including its chemical characteristics be submitted.
- iii) Water management with rain water harvesting along with calculation be submitted.
- iv) Silt management including procedure for de-silting of surrounding water body(s) / Agricultural land be submitted.
- v) Proposed “Zero discharge” mechanism shall be submitted.
- vi) Details of waste management along with the composition of waste is to be provided.
- vii) Details of Storage and usage management of explosives to be used in mines.
- viii) Mitigation measure with SOP as a " Risk Management" for slope failure and fly Rock be submitted during drilling and blasting.
- ix) Details of Rain Water Harvesting Pond (s) with no and design vis- a - vis the adequacy of the same be submitted.

ITEM NO. 06

PROPOSAL FOR AMENDMENT OF CONDITIONS OF ENVIRONMENTAL CLEARANCE OF M/S BERHAMPUR MUNICIPAL CORPORATION FOR 150 TPD INTEGRATED SOLID WASTE MANAGEMENT PROJECT OVER AN AREA OF 33.62 ACRES LOCATED IN VILLAGE – MOHUDA, TAHASIL – KUKUDAKHANDI, DIST – BERHAMPUR, ODISHA OF SAGARIKA KHANDUAL (SANITATION EXPERT) – AMENDMENT IN EC.

1. M/s Berhampur Municipal Corporation had obtained Environmental Clearance from SEIAA, Odisha vide letter no. 2927/SEIAA, dated 20.02.2015 for proposed Integrated Solid Waste Management Project over an area of 33.62 acres located at Village- Mohuda, Tahasil-Kukudakhandi, District-Berhampur, Odisha.
2. Condition no. 11 of Environmental Clearance stipulates that “No development zone around the 500 m radius land fill site will be incorporated in the Town Planning Department's land use plans”.
3. The order dated 22.12.2016 of the Hon'ble National Green Tribunal in O.A. No.199 of 2019, states in this regard as below:
 - i) Order 7. ... The buffer zone necessarily need not be of 500 meters wherever there is a land constraint. The purpose of the buffer zone should be to segregate the plant by

means of a green belt from surrounding areas so as to prevent and control pollution, besides, the site of the project should be horticulturally beautified. This should be decided by the authorities concerned and the Rules are silent with regard to extent of buffer zone. However, the Urban Development Manual provides for the same. Hence, we hold that this provision is not mandatory, but is directory.

- ii) Clause 40. ... By way of illustration, identifying a buffer zone of 500 metres around a MSW site measuring about 6 ha will require more than 100 Ha around the MSW site if a buffer zone of 500 metres all around is insisted upon. Such a huge chunk of land free from habitations in urban settlement is an impossibility. What is required is creating green belts around the plant by prescribing very high environmental standards to be maintained.
4. It is also mentioned in SWM Rules, 2016 that the buffer zone should be maintained within total land area allotted for the solid waste processing and disposal facility [rule 3.7, Schedule I(A)(ix)]. It shall be from the outer boundary of the waste processing and disposal facilities (rule 14.h).
5. The State Pollution Control Board, Odisha vide no. 18773/IND-IV-MW-105, dated 25.11.2021 allowed Berhampur Municipal Corporation to reduce the Buffer Zone from 500 meters to 20 meters for the SWM facility at Mahuda, Dist – Ganjam as per above order of the Hon'ble NGT subject to amendment of condition no. 11 of Environmental Clearance granted to the SWM facility.
6. The Commissioner, M/s Berhampur Municipal Corporation has requested to SEIAA, Odisha vide letter no. 1163, dated 11.01.2022 to amend the condition no. 11 of the EC issued on 20.02.2015 "No Development Zone around the 20m radius instead of 500m no Development Zone" as per order of the Hon'ble NGT in O.A. No.199 of 2019. They have further intimated that trial run for the project is in progress and full-fledged operation will be commenced as soon they get the CTO from OSPCB which is due for this amendment. The SEIAA forwarded the same to SEAC for consideration.
7. The Addl. Secretary, H&UD Department made a detailed presentation before the Committee.

After detailed discussion, the SEAC decided to take decision on amendment of EC condition after receipt of the following information / documents from the proponent followed by site visit by the Sub-Committee of SEAC to assess the ground reality:

- i) Map indicating revised buffer zone as per order of the Hon'ble NGT.
- ii) Brief write up to justify about land constraints for usage of buffer zone.
- iii) Copy of latest six-monthly EC condition compliance report submitted to the Regional Office, MoEF&CC, Bhubaneswar.

ITEM NO. 07

PROPOSAL FOR ENVIRONMENT CLEARANCE OF M/S ASSOTECH SUN GROWTH ABODE LLP FOR CONSTRUCTION OF MULTISTORIED RESIDENTIAL BUILDING “ASSOTECH PRIDE PHASE-1EXTENSION” OVER PLOT AREA - 65383.16 SQM. LOCATED AT MOUZA- RUDRAPUR, BHUBANESWAR, DIST-KHURDA, ODISHA OF SRI. SASHANKA SHEKHAR ROUT (VICE PRESIDENT) (TOTAL BUIT UP AREA – 3,50,733.31SQM.) – EC

1. M/s Assotech Sun Growth Abode LLP (LLP Identification Number is (LLPIN) AAA-8036) is an Assotech Group company, which is the developer of this project. The Assotech Group was formed in the year 1986 and during the last 35 years the group has delivered projects in UP (Noida, Greater Noida, Ghaziabad), Haryana, (Gurugram & Faridabad) in Delhi NCR, Uttrakhand (Rudrapur-Nainital), Madhya Pradesh (Gwalior) and Odisha (Bhubaneswar). It has delivered over 45 projects comprising of over 40,000 residential apartments, shopping units and industrials project.
2. Currently the Assotech Group is developing affordable housing projects in Jharkhand (Ranchi) comprising of over 2500 apartments in four phases. It also proposes to develop similar project in Bhubaneswar located at Plot No. 274, NH-16, Rudrapur, Bhubaneswar.
3. It is also developing mid-segment housing project in Gurugram, Noida and Ghaziabad. These Projects nearing completion. Assotech Group has successfully completed 840 apartments housing complex “COSMOPOLIS” at Khandagiri, Dumduma, Bhubaneswar.
4. M/s Assotech Sun Growth Abode LLP. has Proposed Multistoried Residential Building “Assotech Pride Phase-1 Extension” over Plot No. - 274/9190, 276, 277/856, 277/8893, 279/10152, 279 & others Khata No: 412/1079, 412/1349 & others of Mouza-Rudrapur, PS-Balianta, Tehsil-Bhubaneswar, Dist-Khurda, Odisha. The Environment Clearance for existing building is already obtained from State Environment Impact Assessment Authority vide letter no. 7484/SEIAA, dated 06.11.2019 and Consent to Establish is obtained from State Pollution Control Board vide letter no. 693/IND-II-CTE-6353, dated 21.01.2020.
5. The Geographical co-ordinate of the project site is: Latitude –20⁰ 19’ 40.2” to 20⁰ 19’ 37.7” N & Longitude - 85° 53’ 08.4”to 85° 53’ 05.2” E. The project site is well connected with National Highway NH-16at a distance of approx 0.2 Km in West direction. The nearest railway station is Mancheswar Railway station at a distance of approx 4.24 Km in West direction& Bhubaneswar Railway Station at a distance 8.9 Km in South-west direction. The nearest airport is Biju Patnaik Airport at a distance of approx. 10.8 Km in South-west direction from project site.
6. 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.
7. **The building details of the project are given below:**

Particular	Existing	Proposed	Total
Project Name	Assotech Pride, PH-1 EXTENSION		
Net Plot Area	52825.37 sqm (13.050 Acre)	14433.63 sqm (3.566 Acres)	67259.00 sqm (16.615 Acres)

Particular	Existing	Proposed	Total
Ground Coverage	23387.05sqm	15556.05 sqm	38943.10 sqm
FAR (Floor Area Ratio)	118843.72 sqm	166782.00 sqm	285625.72 sqm
Built up Area	136017.28 sqm	214716.03 sqm	350733.31 sqm
Maximum Height	45 m	130 m	130 m
Road Area	10506.06 sqm	9333.94 sqm	19840.00 sqm
Podium/Basement Parking	22015.70 sqm	43940.59 sqm	65956.29 sqm
Open Surface Parking	5500.00 sqm	146.72 sqm	5646.72 sqm
Total Parking Area	27515.70 sqm	44087.31 sqm	71603.01 sqm
Green Belt Area	23847.39 sqm (45.14 %)	-231.39 sqm	23616.00 sqm (35.11%)
Power/Electricity Requirement & Sources	Total - 4232 KW (4702 KVA) Solar - 455 KW (506 KVA) CESU - 3777 KW (4196 KVA)	Total - 2758 KVA Solar - 54 KVA TPOCDL - 2704 KVA	Total - 7460 KVA Solar - 560 KVA TPCODL – 6900 KVA
Capacity of DG sets	1500 KVA	4500 KVA	6000 KVA
Water requirement	551.4 KLD (Fresh)	241.4 KLD	792.8 KLD
Sewage Treatment Plant	750 KLD	300 KLD	1050 KLD
Estimated Population- Residential, Commercial, Floating/visitors	5930 nos.	2830 nos.	8760 nos.

8. The daily power requirement for the proposed complex is preliminarily assessed as **7460 KVA** (Solar System- 560 KVA&TPCODL – 6900 KVA). In order to meet emergency power requirements during the grid failure, there is provision of 6 nos. of DG set having total capacity 6000 KVA for power back up in the Residential Building Project.
9. For energy conservation, Roof Top Solar Power plant for captive power Generation = 12x 38KW = 560 kVA, Total Energy Conservation = 7460 KVA, Total Energy saving = 560/7460 = 8 %.
10. Fresh make up of 792.8 m³/day will be required for the project which will be sourced from Ground water. Waste water of 1017 KLD will be treated in a STP of 1050 KLD capacity, which includes primary, secondary and tertiary treatment. After treatment the treated water will be discharge to the Prachi Drain.
11. Rain Water will be harvested through 23 nos. of recharging pits.
12. Firefighting system will be installed as per recommendation of the Firefighting Officer, Odisha and as per the guideline of NBC (part-4).
13. Green belt will be developed over an area of 23616.0 sqm which is 35.11% of the plot area; by using the local species like Casia Fistula, Conocarpus, Agave, Amla, Mango, Water Apple, Royal Palm, etc.
14. 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 3942

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 bins. Proper waste management practices will be adopted during the collection, storing and disposal of the generated solid waste.

15. 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 140 kg/day of STP sludge will be generated.

S. No.	Category	Counts (heads)	Waste generated (kg/day)
i)	Residents	8760 @ 0.45 kg/day	3942.0
ii)	Floating Population	876 @ 0.15 kg/day	131.4
iii)	STP sludge		140.0
TOTAL SOLID WASTE GENERATED			4213.4 kg/day

16. Total Capital Cost = ` 624 Crores

17. Environment Management Cost = ` 2.62 Crores

18. The Environment consultant **M/s Centre for Envotech & Management Consultancy Pvt. Ltd., N-5/305, IRC Village, Bhubaneswar** along with the proponent has 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 Centre for Envotech & Management Consultancy Pvt. Ltd., N-5/305, IRC Village, Bhubaneswar**, the SEAC decided to take decision on the proposal after receipt of the following information / documents from the proponent followed by site visit by the Sub-Committee of SEAC to the proposed site.

- (i) Provisions of solar power (8%) of total power demand in stated to have been made. Details of plan and consumption calculation vis-s-vis the generation of the same be submitted.
- (ii) Layout of internal drains in project with connection to existing drains.
- (iii) Permission from BMC and Highway authority (if the drain is immediately connecting to adjacent highway drain) for discharge of treated water.
- (iv) Layout drawing showing separate parking for commercial, residential and floating population with separate entry and exits for the same.
- (v) Traffic study report and fire clearance

ITEM NO. 08

PROPOSAL FOR ENVIRONMENT CLEARANCE OF B+S+9 STORIED (BLOCK A & BLOCK B), G+2 STORIED (BLOCK C), RESIDENTIAL MULTI STORIED APARTMENT OVER PLOT AREA - 27739.14 SQ.M LOCATED AT DUMDUMA, (PH-VI) BHUBANESWAR, DIST - KHURDA, ODISHA OF M/S. ODISHA STATE HOUSING BOARD – VIOLATION TOR.

1. The proposed project for B + S+ 9 Storied (Block –A & Block B); G+2 Storied (Block C), Residential Multi-Stories Apartment is a commercial building construction project being

developed by Odisha State Housing Board located in the Plot No. 1122 (P), Khata No. 516, Mouza – Dumduma, Bhubaneswar, Odisha with total build up area 27739.14 sq. m. with plot area of 8658.066 Sq. m

2. The project proposed for 126 nos. of HIG flats (3 BHK with extra room for servant) in two blocks of Basement + Stilt + Nine floor structures, with 72 flats in Block – A (Type I & Type – II 36 each) and 54 flats in block B (Type – III).
3. Due Application for grant of EC filed before SEIAA, Odisha on Dtd.23/05/2016. SEAC presentation was held on Dtd.28/07/2016 followed by Scrutiny & Process of documents at SEIAA. Hon'ble SEAC raise certain clarifications on dtd.29/08/2016 which was duly complied on Dtd.30/12/2016. Further clarifications was sought on Dtd.21/03/2017 followed to the SEAC Meeting on Dtd.18/01/2017. The same has also been duly complied on Dtd.24/06/2017.
4. Meanwhile, the Hon'ble SEAC formed one sub-committee for site inspection of the project. The Hon'ble Sub-Committee after visiting the site found that the project already commenced with construction activities. Since, the applicant has violated the norms of the Environment Protection Act 1986; therefore, the application further considered under the Violation Case.
5. Accordingly, the applicant has put forward an application to SEIAA Odisha with the preparation of necessary Damage Assessment, Remediation Plan along with Resource Augmentation Plan along with an affidavit not to repeat the violation further and ensured to abide by the rules and regulations stipulated therein in statute.
6. The applicant earnestly intimate that the proposed project is meant for exclusively residential purposes aims at providing plots to its customers with cheaper rates having all sorts of updated facilities for general living using up-to-date technology. On the other hand, it has to mandatorily comply the provisions and regulations of Real Estate Regulatory Authority (RERA) Act, 2016.
7. Only after getting statutory clearance, BDA shall provide relevant Occupancy Certificate in order to allow the invaluable customers to reside in the building. Therefore, we are earnestly requesting before the Hon'ble Committee to consider the case and to dispose on urgent basis keeping the social weaker section people's natural rights and justice rationally & logically.
8. The SEIAA has intimated the following:
 - i) The project proposal has been submitted online. The proposal has been identified as violation case by SEAC during the appraisal of the proposal for EC in 2017. The decision of SEAC was communicated to project proponent by SEIAA vide letter no. 3746 dated 30.10.2017. Now, the project proponent has submitted the proposal online as case of violation & has intimated that since the proposal was under process during the violation window period, they could not file the project proposal in the violation window during that said period from 14.03.2017 to 13.09.2017. Further, the project proponent have requested that the proposal may be considered in the light of MoEF&CC, OM 22-10/2019/IA.III dated 09 09.2019 as a lateral entry since SEAC have appraised &

identified the project as a case of violation prior to violation window period from 14.03.2018 to 13.04.2018

- ii) Hence, in view of the above submission of PP, the project proposals along with Form-I, Form-IA and Conceptual Plan/EMP of the projects is forwarded for necessary appraisal in the light of MoEF&CC. OM 22-10/2019/IA III dated 09 09 2019 as a lateral entry as per MoEF&CC. Govt of India, EIA Notification 2006 and subsequent amendment thereof. The project is residential project of Government for providing housing to all & is pending for obtaining EC & occupancy certificate.

9. The Environment consultant **M/s Kalyani Laboratories Pvt. Ltd., Plot No. 78/944, Millenium City, Pahala, Bhubaneswar – 752101** along with the proponent has made a presentation on the proposal before the Committee.

10. The Committee observed the following:

- i) The proposal had been identified as violation case by SEAC during the appraisal of the proposal for EC in 2017. The decision of SEAC was communicated to project proponent by SEIAA vide letter no. 3746 dated 30.10.2017. Now, the project proponent has submitted the proposal online as case of violation & has intimated that since the proposal was under process during the violation window period, they could not file the project proposal in the violation window during that said period from 14.03.2017 to 13.09.2017.
- ii) Further, the project proponent have requested that the proposal may be considered in the light of MoEF&CC, OM 22-10/2019/IA.III dated 09 09.2019 as a lateral entry since SEAC have appraised & identified the project as a case of violation prior to violation window period from 14.03. 2018 to 13.04.2018.

11. The OM vide no. 22-10/2019-IA.III, dated 09.09.2019 of MoEF&CC, Govt. of India stipulates the following:

- i) The Ministry of Environment, Forest and Climate Change issued a Notification vide S.O 804 (E) dated 14th March 2017 under the Environmental (Protection) Act, 1986 to appraise the projects, which have started the work 'onsite without taking prior environmental clearance in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006. Time period of six months (14.03.2017 to 13.09.2017) was given vide aforesaid Notification to the proponents to submit proposals.
- ii) Soon after the publication of aforesaid notification, a PIL challenging the validity of the Notification dated 14.03,2017 was filed in Hon'ble High Court of Madras. Hon'ble High Court of Madras vide Order dated 7th June, 2017 prohibited from taking any further action pursuant to the Notification dated 14.03.2017 and therefore appraisal process for violation cases could not be taken up further. Hon'ble High Court of Madras vide order dated 13.10.2017 vacated the order while upholding validity of the Notification dated 14.03.2017.
- iii) Pursuant to the notification dated 14th March 2017, Ministry received a number of proposals relating to all sectors covered under category A and category B. As per the

said notification all the proposals of violation, irrespective of its categories were required to be appraised at Central level by the Expert Appraisal Committee (EAC).

- iv) Further, Ministry vide Notification S.O 1030 (E) dated 08.03.2018 amended the Notification S.O 804 (E) dated 14.03.2017 and delegated the power to the States for appraisal of category B proposals which are under violation of EIA Notification.
 - v) Subsequently, the Ministry issued an OM dated 15.03.2018 for the implementation of Notification S. O 1030 (E) dated 08.03.2018. All the category B proposals were transferred to the concerned State Level Environment Impact Assessment Authority (SEIAA).
 - vi) The Hon'ble High Court of Madras vide order dated 14.03.2018 was of the view that it will serve the ends of justice if time is extended by 30 (thirty) days from the date of delivery of the order, thereby extending the time till 13th April 2018, providing time for violators to apply as per the provisions of Notification S.O 804 (E). Therefore, again a one-month window was given from the date of order of Hon'ble High court (14.03.2018-13.04.2018) to submit proposals under violation of EIA Notification. The Ministry has issued OM dated 16.03.2018 for the compliance of the order dated 14.03,2018 of Hon'ble High court of Madras.
 - vii) Proposals involving violation of EIA Notification, which had applied during the window (14.03.2017 to 13.09.2017 & 14.03.2018 to 13.04.2018) under violation category are being considered by the violation committee. However, in addition to such proposals, there were many category 'A' proposals submitted in the respective sectoral committees for regular appraisal during or prior to violation window period. Sectoral committee while deliberating on the proposals, identified these as violation of EIA Notification. These proposals were subsequently forwarded to the violation committee after approval by the Competent Authority and such proposals are termed as "lateral entry proposals".
 - viii) It is possible that there may be certain category B proposals which were submitted at SEIAA during or prior to the violation window period but not under violation category and later during the appraisal by State Level Expert Appraisal committee (SEAC) identified as violation proposals.
 - ix) The Ministry has been taken a decision that such proposals as mentioned in para (viii) above, may be considered in terms of provisions of Ministry's Notification dated 14.03.2017 & 08.03.2018 by the SEIAA. It is clarified that only those proposals may be taken up for consideration under this provision which had been submitted to SEAC during the window or prior to it as detailed above.
12. The SEAC opined that the proposal can be considered for issue of ToRs under violation category as per MoEF&CC, Govt. of India OM vide no. 22-10/2019-IA.III, dated 09.09.2019 as they had applied for EC and identified as violation case prior to violation window period.
13. The SEAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC, Govt. of India Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended for the following:-

- (i) The State Government / SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate or occupancy certificate to be issued till the project is granted Environmental Clearance.
- (ii) Grant of Terms of Reference for undertaking EIA and preparation of Environment Management Plan (EMP) as enumerated in **Annexure-A**.
- (iii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of Environmental Clearance. The quantum shall be recommended by the SEAC and finalized by the regulatory authority i.e. SEIAA, Odisha as per para-12 of **Standard Operating Procedure (SoP) for Identification and handling of violation cases under EIA Notification 2006 in compliance to order of Hon'ble National Green Tribunal in O.A. No.34/2020 WZ issued by MoEF&CC, Govt. of India vide OM No. 22-21/2020-IA.III, dated 07.07.2021 and OM No. 22-21/2020-IA.III (E 138949), dated 28.01.2022**. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority i.e. SEIAA, Odisha.

ITEM NO. 09

PROPOSAL FOR ENVIRONMENT CLEARANCE OF B+S/G+8 RESIDENTIAL MULTISTORIED APARTMENT EWS LIG AND MIG OVER PLOT AREA - 45,614.04 SQ.M LOCATED AT DUMDUMA, (PH VII) BHUBANESWAR OF M/S. ODISHA STATE HOUSING BOARD - VIOLATION TOR.

1. **The Orissa State Housing Board** came in to existence in the year 1968 by an Act of State Legislature, with prime objective of providing affordable shelters both in urban and rural areas Presently, The Board has contemplated to build a Multistoried Residential Apartment at Dumduma (PH – VII), Bhubaneswar.
2. The proposed project for B + S / G+ 8 Storied (EWS, LIG & MIG); i.e. MIG – Two Blocks (B + S + 8), LIG – Two Blocks (S+8); EWS Two Blocks (S+4) & EWS Three Blocks (G+4) with Shops (6 Nos.), is a residential apartment project being developed by Odisha State Housing Board located in the Plot No. 1124 (P) & 1125 (P), Khata No. 517 & 519, Mouza – Dumduma, Bhubaneswar, Odisha with total build up area 45614.04 Sqm. with plot area of 15584.39 Sq.m.
3. Due Application for grant of EC filed before SEIAA, Odisha on Dtd.23/05/2016. SEAC presentation was held on Dtd.28/07/2016 followed by Scrutiny & Process of documents at SEIAA. Hon'ble SEAC raise certain clarifications on dtd.29/08/2016 which was duly complied on Dtd.30/12/2016. Further clarifications were sought on Dtd.21/03/2017 followed to the SEAC Meeting on Dtd.18/01/2017. The same has also been duly complied on Dtd.24/06/2017.
4. Meanwhile, the Hon'ble SEAC formed one Sub-Committee for instant site inspection of the project. The Hon'ble Sub-Committee after visiting the site found that the project already

commenced with construction activities. It is observed that the applicant has violated the norms of the Environment Protection Act 1986 by constructing the project without obtaining valid statutory permission. Therefore, the application further considered under the Violation Case.

5. Accordingly, the applicant has put forward an application under Violation Portal to SEIAA Odisha with the preparation of necessary Damage Assessment, Remediation Plan along with Resource Augmentation Plan along with an affidavit not to repeat the violation further and ensured to abide by the rules and regulations stipulated therein in statute.
6. The applicant earnestly intimate that the proposed project is meant for exclusively residential purposes aims at providing plots to its customers with cheaper rates having all sorts of updated facilities for general living using up-to-date technology.
7. On the other hand, it has to mandatorily comply the provisions and regulations of Real Estate Regulatory Authority (RERA) Act, 2016. Only after getting statutory clearance, BDA shall provide relevant Occupancy Certificate in order to allow the invaluable customers to reside in the building.
8. Therefore, we are earnestly requesting before the Hon'ble Committee to consider the case and to dispose on urgent basis keeping the social weaker section people's natural rights and justice rationally & logically.
9. The SEIAA has intimated the following:
 - i) The project proposal has been submitted online. The proposal has been identified as violation case by SEAC during the appraisal of the proposal for EC in 2017. The decision of SEAC was communicated to project proponent by SEIAA vide letter no. 3748 dated 30.10.2017. Now, the project proponent has submitted the proposal online as case of violation & has intimated that since the proposal was under process during the violation window period, they could not file the project proposal in the violation window during that said period from 14.03.2017 to 13.09.2017. Further, the project proponent have requested that the proposal may be considered in the light of MoEF&CC, OM 22-10/2019/IA.III dated 09 09.2019 as a lateral entry since SEAC have appraised & identified the project as a case of violation prior to violation window period from 14.03.2018 to 13.04.2018
 - ii) Hence, in view of the above submission of PP, the project proposals along with Form-I. Form-IA and Conceptual Plan/EMP of the projects is forwarded for necessary appraisal in the light of MoEF&CC. OM 22-10/2019/IA III dated 09 09 2019 as a lateral entry as per MoEF&CC. Govt of India, EIA Notification 2006 and subsequent amendment thereof. The project is residential project of Government for providing housing to all & is pending for obtaining EC & occupancy certificate.
10. The Environment consultant **M/s Kalyani Laboratories Pvt. Ltd., Plot No. 78/944, Millennium City, Pahala, Bhubaneswar – 752101** along with the proponent has made a presentation on the proposal before the Committee.

11. The Committee observed the following:
- i) The proposal had been identified as violation case by SEAC during the appraisal of the proposal for EC in 2017. The decision of SEAC was communicated to project proponent by SEIAA vide letter no. 3748 dated 30.10.2017. Now, the project proponent has submitted the proposal online as case of violation & has intimated that since the proposal was under process during the violation window period, they could not file the project proposal in the violation window during that said period from 14.03.2017 to 13.09.2017.
 - ii) Further, the project proponent have requested that the proposal may be considered in the light of MoEF&CC, OM 22-10/2019/IA.III dated 09 09.2019 as a lateral entry since SEAC have appraised & identified the project as a case of violation prior to violation window period from 14.03. 2018 to 13.04.2018.
12. The OM vide no. 22-10/2019-IA.III, dated 09.09.2019 of MoEF&CC, Govt. of India stipulates the following:
- i) The Ministry of Environment, Forest and Climate Change issued a Notification vide S.O 804 (E) dated 14th March 2017 under the Environmental (Protection) Act, 1986 to appraise the projects, which have started the work 'onsite without taking prior environmental clearance in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006. Time period of six months (14.03.2017 to 13.09.2017) was given vide aforesaid Notification to the proponents to submit proposals.
 - ii) Soon after the publication of aforesaid notification, a PIL challenging the validity of the Notification dated 14.03,2017 was filed in Hon'ble High Court of Madras. Hon'ble High Court of Madras vide Order dated 7th June, 2017 prohibited from taking any further action pursuant to the Notification dated 14.03.2017 and therefore appraisal process for violation cases could not be taken up further. Hon'ble High Court of Madras vide order dated 13.10.2017 vacated the order while upholding validity of the Notification dated 14.03.2017.
 - iii) Pursuant to the notification dated 14th March 2017, Ministry received a number of proposals relating to all sectors covered under category A and category B. As per the said notification all the proposals of violation, irrespective of its categories were required to be appraised at Central level by the Expert Appraisal Committee (EAC).
 - iv) Further, Ministry vide Notification S.O 1030 (E) dated 08.03.2018 amended the Notification S.O 804 (E) dated 14.03.2017 and delegated the power to the States for appraisal of category B proposals which are under violation of EIA Notification.
 - v) Subsequently, the Ministry issued an OM dated 15.03.2018 for the implementation of Notification S. O 1030 (E) dated 08.03.2018. All the category B proposals were transferred to the concerned State Level Environment Impact Assessment Authority (SEIAA).
 - vi) The Hon'ble High Court of Madras vide order dated 14.03.2018 was of the view that it will serve the ends of justice if time is extended by 30 (thirty) days from the date of

delivery of the order, thereby extending the time till 13th April 2018, providing time for violators to apply as per the provisions of Notification S.O 804 (E). Therefore, again a one-month window was given from the date of order of Hon'ble High court (14.03.2018-13.04.2018) to submit proposals under violation of EIA Notification. The Ministry has issued OM dated 16.03.2018 for the compliance of the order dated 14.03,2018 of Hon'ble High court of Madras.

- vii) Proposals involving violation of EIA Notification, which had applied during the window (14.03.2017 to 13.09.2017 & 14.03.2018 to 13.04.2018) under violation category are being considered by the violation committee. However, in addition to such proposals, there were many category 'A' proposals submitted in the respective sectoral committees for regular appraisal during or prior to violation window period. Sectoral committee while deliberating on the proposals, identified these as violation of EIA Notification. These proposals were subsequently forwarded to the violation committee after approval by the Competent Authority and such proposals are termed as "lateral entry proposals".
 - viii) It is possible that there may be certain category B proposals which were submitted at SEIAA during or prior to the violation window period but not under violation category and later during the appraisal by State Level Expert Appraisal committee (SEAC) identified as violation proposals.
 - ix) The Ministry has been taken a decision that such proposals as mentioned in para (viii) above, may be considered in terms of provisions of Ministry's Notification dated 14.03.2017 & 08.03.2018 by the SEIAA. It is clarified that only those proposals may be taken up for consideration under this provision which had been submitted to SEAC during the window or prior to it as detailed above.
13. The SEAC opined that the proposal can be considered for issue of ToRs under violation category as per MoEF&CC, Govt. of India OM vide no. 22-10/2019-IA.III, dated 09.09.2019 as they had applied for EC and identified as violation case prior to violation window period.
14. The SEAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC, Govt. of India Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended for the following:-
- (i) The State Government / SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate or occupancy certificate to be issued till the project is granted Environmental Clearance.
 - (ii) Grant of Terms of Reference for undertaking EIA and preparation of Environment Management Plan (EMP) as enumerated in **Annexure-A**.
 - (iii) The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of Environmental Clearance. The quantum shall be recommended by the SEAC and finalized by the regulatory authority i.e. SEIAA, Odisha as per para-12 of **Standard Operating Procedure (SoP) for Identification and**

handling of violation cases under EIA Notification 2006 in compliance to order of Hon'ble National Green Tribunal in O.A. No.34/2020 WZ issued by MoEF&CC, Govt. of India vide OM No. 22-21/2020-IA.III, dated 07.07.2021 and OM No. 22-21/2020-IA.III (E 138949), dated 28.01.2022. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the SEAC and approval of the regulatory authority i.e. SEIAA, Odisha.


Secretary, SEAC

Approved

Chairman, SEAC

TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT FOR CONSTRUCTION OF RESIDENTIAL COMPLEX – REGARDING VIOLATION (TOR).

1. Project description, its importance and the benefits,
2. Project site details (location, topo sheet of the study area of 10 km, coordinates, google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage),
3. Land use as per the approved Master Plan of the area, Permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board, etc,
4. Land acquisition status, R&R details,
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 km - Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986,
6. Baseline environmental study for ambient air (PM₁₀, PM_{2.5}, SO₂, NOx& CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF&CC/CPCB guidelines at minimum 5 locations in the study area of 10 km,
7. Details on flora and fauna and socio-economic aspects in the study area
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.),
9. Source of water for different identified purposes with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.,
10. Waste water management (treatment, reuse and disposal) for the project and also the study area,
11. Management of solid waste and the construction & demolition waste for the project vis-a-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016,
12. Energy efficient measures (LED lights, solar power, etc.) during construction as well as during operational phase of the project,
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

14. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
16. **The prescribed TOR would be valid for a period of four years for submission of the EIA/EMP report.**