



**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,  
ODISHA, BHUBANESWAR**

Ref. No. 8714/SEIAA

Date 17.08.2020

SEIAA File No. 122283/11-MIS/11-2019

To

Sri Rohit Raj Modi,  
Authorized Signatory)  
M/s KRJ Project LLP & Others  
At-5, Raja Subodh Mullick Square,  
Kolkata-700013

Sub: Proposal for Construction of Proposed "Multi Storied Residential Project" at Mouza- Raghunathpur Jali, Tahasil-Bhubaneswar, District-Khordha (Built-up area-27,636.66 Sqmt) of KRJ Project LLP & Others; Sri. Rohit Raj Modi. - Environmental Clearance reg.

Ref: Your online application dated 19.10.2019 for issue of EC vide File No: SIA/OR/MIS/122283/2019.

Sir,

This is to inform you that your proposal falls at item no. 8(a) of the schedule of EIA Notification, 2006 as amended from time to time, and is a B2 category project. The proposal has been duly appraised by SEAC, Odisha on the basis of the documents enclosed with the application, namely Form-1, Form-IA, Conceptual Plan (EMP), and clarifications furnished to SEAC in response to their observations.

**The Project Proposal in nutshell**

1. The proposal is for Environmental Clearance for KRJ Project LLP & Others for proposed Multi Storied Residential Project at Mouza – Raghunathpur Jali, Bhubaneswar, District – Khordha with total built-up area 27,636.66 m<sup>2</sup>.
2. The project falls under Category "B", Project or Activity 8 (a) as per schedule of EIA Notification dated 14th Sep, 2006, as amended from time to time.
3. The total project area is 7405.75 m<sup>2</sup> or 1.83 acres. The geographical coordinates of the project site are Latitude - 20°22'47.52"N and Longitude - 85°49'29.14"E. The Project is located at Plot No. 317/2403, 318, 319, 320/2139, 322, 320, 321/2493, 325/1863, 326, 326/1851, Mouza-Raghunathpur Jali, Bhubaneswar, District- Khordha, Odisha.
4. The project site is well connected by road, rail & air. Among main connecting links to the Project site, Nandan- Kanan Road is adjacent to project site. The

[Constituted under the Environment Protection Act, 1986 and Environment Impact Assessment Notification, 2006 vide Notification No. S.O. 1217(E) dated the 8<sup>th</sup> March, 2019 of Ministry of Environment, Forests & Climate Change, Govt. of India]

Address: SRF-2/1, Unit - IX, Bhubaneswar - 751022,

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*Udhav* 11/9/20

nearest railway station is Bhubaneswar Railway Station which is approx. 1.12 km, E from the project site and Biju Patnaik International Airport is at a distance of approx. 14.5 km, SSW away from the project site. Nandankanan Wildlife Sanctuary lies at a distance of Approx. 0.72 km (NW) and Chandaka Dampara Wildlife Sanctuary lies at a distance of Approx. 2.65 km (NW).

5. The Detailed Area Statement of the project is mentioned below:

| Sl. No. | Particulars   | Area (M <sup>2</sup> ) |
|---------|---|------------------------|
| (a)     | Total Plot area   | 7405.75                |
| (b)     | Permissible Ground coverage (@35%)  | 2592.0125              |
| (c)     | Proposed Ground coverage @ 19.5 % of plot area                                      | 1447.36                |
| (d)     | Permissible F.A.R @ 3   | 22,217.25              |
| (e)     | Proposed F.A.R @ 2.89   | 21,409.66              |
|         | a. Residential F.A.R  | 20,264.66              |
|         | b. Community building   | 1,145.60               |
| (f)     | Proposed Non F.A.R  | 6,227.00               |
| (g)     | a. Basement non F.A.R area (Lobby, Maintenance room, UGT, STP etc.)                 | 5,286.69               |
|         | b. Tower's non F.A.R area (Meter room, fire command center, mumty, water tank etc.) | 305.11                 |
|         | c. Others non F.A.R area (Stilt, Guard room, Panel room, Community building etc.)   | 635.2                  |
| (h)     | Total Built-up Area   | 27,636.66              |
| (i)     | Maximum Height of the Building (B+G+14)   | 44.5 m                 |
| (j)     | Landscape area (22.09 % of total plot area)   | 1636.54                |

6. Total power requirement for the proposed project will be 660kVA; Source: CESU, which will be sourced from Odisha Power Transmission Corporation Limited. 2 DG sets of rating 500 kVA (2 x 250 kVA) will be installed for backup power.
7. The total water requirement is approx.112 KLD, out of which total domestic water requirement is 107 KLD. The total fresh water requirement is approx. 75 KLD.
8. Wastewater Generation: The project will generate approx. 92 KLD of wastewater. The wastewater will be treated in an onsite STP of capacity 110 KLD. The total 73.5 KLD of wastewater treated will be recycled (32KLD for flushing, 5KLD for gardening, 36.5KLD will be discharged into nearby construction/ plantation purpose/into drain after getting sewer permission).
9. Solid waste Generation: The project will generate approx. 437.5 kg/day of solid waste which will be collected from household units as domestic waste in colored bins. The local vendors will be hired to provide separate colored bins for dry recyclable and Bio-Degradable waste. Litter bin will also be provided in open areas like parks etc. Biodegradable waste will be composted in organic waste converter and non-biodegradable waste generated will be disposed through Govt./CPCB approved vendors.
10. Adequate parking (7,105.24 m<sup>2</sup>) provision will be kept for vehicles parking in the project. Besides this, internal road of adequate width within the project will

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- facilitate smooth traffic movement. The total proposed parking for the Multi-storied residential project is 248 ECS (Approx.).
11. Proposed energy saving measures would save about- Led lights, Solar panels, Energy Saving devices will be implemented. Solar based lightening will be done in common areas, Stair cases, landscape areas, signage, entry gates and boundary walls (5% from total power load). Total Energy saved – 132 KVA which will be 20 %.
  12. A detailed traffic survey has been conducted following PCUs as per IRC – 106:1990 in the area to evaluate the impacts of the increased traffic due to the proposed activity.
  13. 6 nos. of Rain water harvesting pits had been proposed under Rain water harvesting system.
  14. Firefighting Installations will be installed as per recommendation of the Firefighting Officer, Odisha and as per the guideline of NBC (part-4). Fire NOC had been obtained.
  15. The total estimated population of the project will be 1088 persons (including fixed + floating).
  16. The total estimated cost of the project is approximately Rs. 55 Crores including land and construction.
  17. The consultant M/s Grass Roots Research & Creation India (P) Ltd. Noida (UP) along with the proponent made a detailed presentation before the SEAC on the proposal on 18.12.2019.
  18. The Sub-Committee of SEAC visited the site on 18.03.2020.
  19. The project proponent furnished additional information / documents on the project to SEAC in compliance to their observation made during presentation & also compliance of the site visit observations on 14.02.2020 & 30.06.2020.
  20. The SEAC considered the proposal for EC on 03.07.2020 and recommended for grant of Environmental Clearance for the project valid for a period of 7 years, stipulating various conditions.

The State Environment Impact Assessment Authority (SEIAA), Odisha after considering the appraisal report and recommendations of SEAC, hereby accords Environmental Clearance to the project valid for a period of 7 years under the provisions of EIA Notification 2006 and subsequent amendments thereto, subject to strict compliance of all conditions stipulated below.

Detailed half yearly compliance report of the following conditions has to be submitted by the project proponent to SEIAA on the 1<sup>st</sup> June and 1<sup>st</sup> December each year.

**General Conditions of Clearance: -**

1. These stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and the EIA Notification, 2006

2. The project proponent shall ensure that the guidelines for building and construction projects issued vide MoEF & CC's OM No.19-2/2013-IA.III dated 9th June, 2015, are followed to ensure sustainable environmental management.
3. The approval of the Competent Authority shall be obtained in regard to structural safety of buildings against earthquake, adequacy of fire fighting equipment as per National Building Code including protection measures from lightning.
4. The project proponent shall obtain all necessary clearance/ permission from all concerned agencies including Bhubaneswar Development Authority before commencement of work.
5. Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board.
6. Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
7. A First Aid Room shall be provided in the project both during construction and operations of the project.
8. The company shall draw up and implement corporate social Responsibility plan as per the Companies Act of 2013.
9. As per the MoEF & CC, Govt. of India Office Memorandum F.No.22-65/2017-IA.III dated 1<sup>st</sup> May 2018, the project proponent is required to prepare and implement Corporate Environment Responsibility (CER) Plan. As per para 6(ii) of the said O.M. appropriate funds shall be earmarked for the activities such as infrastructure creation for drinking water supply, sanitation, health, skill development, cross drains, solid waste management facilities, rain water harvesting, soil moisture conservation works, avenue plantation, etc. The activities proposed under CER shall be restricted to the affected area around the project. The activities proposed under the CER shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.
10. A copy of this Environmental Clearance letter shall be displayed on the website of the Odisha State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.
11. Officials from the Regional Office of MoEF & CC, Bhubaneswar/SPCB, Odisha who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection.
12. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA, Odisha.
13. The SEIAA, Odisha reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the



- environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
14. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.
  15. The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the SEIAA, Odisha. The advertisement shall be made within seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of MoEF & CC, Bhubaneswar.
  16. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, ZillaParisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.
  17. The proponent shall submit/upload six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, Govt. of India, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
  18. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the Odisha State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF & CC, Govt. of India by e-mail.
- Specific Conditions:**
19. The proponent shall obtain prior clearance from the Standing Committee of the National Board for Wild Life if the project will be located within any Eco-Sensitive Zone of Wild Life Sanctuary.
  20. The site is required to be revisited by the same sub-Committee of SEAC after one year of issue of Environmental Clearance order by SEIAA, Odisha to assess the status of implementation of commitment by the project proponent and conditions of Environmental Clearance order.
  21. BDA to obtain status of implementation of conditions of Environmental

- Clearance from SEIAA, Odisha before issue of occupancy certificate.
22. The permission from competent authority will be obtained to discharge the excess storm water to drain if any. The proponent shall renovate the existing drain to accommodate the discharge and maintain it perennially. To this effect the proponent has to give a legal affidavit before going for construction activity.
  23. The project site was found to be a very low lying area. So, the base shall be at a suitable level, above the public road in consultation with the architect to avoid water logging during monsoon.

**Topography and Natural Drainage:**

24. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other Sustainable Urban Drainage Systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.

**Water Budget and Rain Water Harvesting:**

25. **No ground water shall be extracted for the project work at any stage during the construction phase** without obtaining the permission from the Water Resources Department, Govt. of Odisha/ CGWB.
26. As proposed, fresh water requirement from ground water shall not exceed 75 m<sup>3</sup> per day.
27. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
28. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC and SEIAA, Odisha along with six monthly Monitoring reports.
29. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
30. Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc.) for water conservation shall be incorporated in the building plan.
31. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system shall be done.
32. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
33. The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and

recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits of adequate nos. shall be provided.

34. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering. The proponent shall also obtain permission from Water Resources Department, Govt. of Odisha for drawal of water.
35. The proponent shall keep one bore well as standby domestic water source once municipal water supply is made available in the project area.
36. A complete plan for rainwater harvesting at the proposed site shall be drawn up and implemented. Roof top rain water harvesting shall be adopted for the proposed Buildings. The complete rainwater harvesting plan shall be submitted to SEIAA within one month from this day. As proposed, rain water harvesting pits for artificial ground water recharge shall be installed as per CGWB guidelines.

**Solid Waste Management:**

37. The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
38. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
39. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from group housing project will be sent to dumping site.
40. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
41. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the Municipal Solid Waste generated from project shall be obtained.

**Sewage Treatment Plant:**

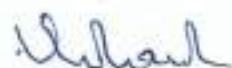
42. STP of capacity 110 KLD shall be installed before start of the operation phase of the building. Treatment of 100% grey water by decentralized treatment should be done. Treated waste water from both the STP shall be recycled / reused to the maximum extent possible. Discharge of unused treated waste water shall conform to the norms and standards of the Odisha State Pollution Control Board. Necessary measures should be taken to mitigate the odour problem from STP. The sewage treatment plant shall be made functional before the completion of Building Complex.
43. Excess treated water shall be discharged to the drain only after getting the

permission from the concerned authority. The proponent shall renovate the existing drain to accommodate the discharge and maintain it perennially. To this effect the proponent has to give a legal affidavit before going for construction activity.

44. A certificate from the competent authority shall be obtained for discharging treated effluent/ untreated effluents into the Public sewer/disposal/drainage systems along with the final disposal point.
45. Separate large recharge pits shall be constructed inside the project area to accommodate the rainwater in case the housing project period and the CDP of the Govt. does not synchronize with reference to construction of road and drain.
46. No sewage or untreated effluent water would be discharged through storm water drains.
47. The sewerage disposal system of the project shall be kept in proper working condition at all times.
48. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the SEIAA, Odisha before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
49. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
50. The proponent shall obtain permission from the concerned authority to discharge the liquid waste to the "Budhi Nala" through the existing drain i.e. the competent authority of the drain and "Nala" before commencement of any activity at the project site. An undertaking to be submitted in form of a legal affidavit before going for construction activity.

#### **Energy Conservation:**

51. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Outdoor and common area lighting shall be LED. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
52. Energy conservation measures like installation of CFLs / LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs, TFL and LED shall be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.
53. Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 5% of the demand load or as per the state level/ local





building bye-laws requirement, whichever is higher. Follow super ECBC requirement of ECBC 2017 and provide compliance report.

54. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.
55. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, compressed earth blocks, and other environment friendly materials. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
56. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be submitted.

**Air Management and Noise Management:**

57. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
58. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
59. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
60. The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.

61. For indoor air quality the ventilation provisions as per National Building Code of India shall be provided.
62. Ambient noise levels shall conform to residential standard both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.

**Greencover**

63. Green-belt & avenue plantation of trees over the area of 1636.54 sqm (22.1 % of plot area) shall be done using native tree species/shrubs improving greenery & keeping in view aesthetics considerations in the whole complex. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Professional landscape architects should be engaged to design the green layout to provide for multi-tier plantation and green fencing all around, mitigating various environmental pollutants like dust, noise, emissions etc. At least 100 numbers of trees shall be planted and maintained at the site.
64. Rainwater from open spaces shall be collected and reused for landscaping and other purposes. Roof top rain water harvesting shall be adopted for the proposed Buildings. Rainwater harvesting at the proposed site shall be implemented. Before recharging the surface runoff, pre-treatment must be done to remove suspended matter, oil and grease.

**Top Soil Preservation and Reuse:**

65. Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

**Traffic & Transportation:**

66. A comprehensive mobility plan, as per Ministry of Urban Development best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.
  - Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
  - Traffic calming measures
  - Proper design of entry and exit points.
  - Parking norms as per local regulation
67. A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 01 km radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 01 km radius of the site.
68. Vehicles hired for bringing construction material to the site should be in good



condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.

69. A dedicated entry/exit and parking shall be provided for commercial activities.
70. Barricades shall be provided around project boundary.
71. Speed of the vehicles shall be restricted upto 15 kmph by erecting speed bumps at regular intervals at project site and proper signage shall be provided for guided vehicular movement and speed restrictions.
72. Parking shall be prohibited on the access road to the proposed project site.
73. Footpath shall be seamless with sufficient width.
74. No vehicles shall be allowed to stop and stand in front of the gate on main access.
75. A buffer of minimum 10 m shall be maintained between the entry/exit gate and the road to avoid traffic congestion.
76. The Traffic Management Plan prepared by the proponent shall be duly validated and certified by the State Concerned Competent Authority and shall have also their consent before implementation. The Competent Authority for validation is BMC / Works Deptt. of the Govt. of Odisha. To this effect, they have to submit a legal affidavit before going for construction activity.

**Environment Management Plan:**

77. An Environmental Management Plan (EMP) shall be prepared and implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.
78. Environmental Management Plan (EMP) shall be implemented by PP to ensure compliance with the environmental conditions specified above. The year wise funds earmarked for environmental protection measures shall be kept in separate account and should be spend accordingly and not to be diverted for any other purpose. Year wise progress of implementation of action plan for EMP and expenditure shall be reported to the SEIAA, Odisha, Regional Office, MoEF & CC, Govt. of India, Bhubaneswar, SPCB along with the half yearly compliance report.
79. It shall be mandatory for the project management to submit six (06) monthly compliance reports on post environmental monitoring in respect of the stipulated terms and conditions in this Environmental Clearance to the State Environment Impact Assessment Authority (SEIAA), Odisha, SPCB & Regional Office of the Ministry of Environment & Forest, Odisha in hard and soft copies on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year and the compliance report shall also be uploaded in the website of the MoEF & CC.

80. Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Yours faithfully,

  
17.08.2020  
Member Secretary

Memo No 8715/SEIAA/Dt. 17.08.2020

Copy to

1. **Joint Secretary (Environment)**, Ministry of Environment, Forests and Climate Change Govt. of India, Indira Paryavaran Bhavan, Jor Bagh Road, Aliganj, New Delhi-110003 for information.
2. **Additional Chief Secretary**, Forests & Environment Dept., Government of Odisha for information.
3. **Member Secretary**, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar for information.
4. **Additional Principal Conservator** of Forests, Regional Office (EZ), Ministry of Environment & Forests, A-31, Chandrasekharpur, Bhubaneswar for information.
5. **Member Secretary**, CGWA, 18/11, Jamnagar House, ManSingh Road, New Delhi-110011 for information.
6. **Collector, District Magistrate**, Khordha, for kind information and necessary action.
7. **Secretary, SEAC**, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for kind information.
8. Guard file for record.

  
17.08.2020  
Member Secretary