

# **APPLICATION FOR ENVIRONMENTAL CLEARANCE**

**Proposed Expansion of Redevelopment - Slum  
Rehabilitation Scheme**

**at**

**On Plot Bearing C. T. S. No. 7 (Pt.) Of Village Borla, Govandi  
(W.) Mumbai 400 043**

**For Panchasheel SRA CHS Ltd. & Ekta SRA CHS Ltd.**

**For**

**M/s. Lakadawala Developers Pvt. Ltd.**

# FORM 1

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**APPENDIX - I**  
**FORM - I**

**(I) Basic Information:**

Sr. No.	Item	Details
1.	Name of the Project/s	Proposed Expansion of Redevelopment - Slum Rehabilitation Scheme On Plot Bearing C. T. S. No. 7 (Pt.) Of Village Borla, Govandi (W.) Mumbai 400 043, For Panchasheel SRA CHS Ltd. & Ekta SRA CHS Ltd.
2.	S. No. in the Schedule	8(a)
3.	Proposed capacity/area/length/tonnage to be handles/command area/lease area/number of wells to be drilled	Plot Area – 19152.53 Sq. m. Deduction – 6588.60 Sq. m. Net Plot Area – 11821.55 Sq. m. Permissible F.S.I – 4.00 R.G Area – 1254.77 Sq. m. Proposed Built up Area – 147711.81 Sq. m. <b><i>Please refer to Annexure I: Proposed Area Statement</i></b>
4.	New/Expansion/Modernization	Expansion – Slum Rehabilitation Scheme
5.	Existing Capacity/Area etc.	752 T/H.
6.	Category of Project i.e. 'A' or 'B'	Category 'B'
7.	Does it attract the general condition? If yes, please specify	Not Applicable
8.	Does it attract the specific condition? If yes, please specify	Not Applicable
9.	Location	Govandi
	Plot/Survey/Khasra No.	Plot Bearing C. T. S. No. 7 (Pt.) Of Village Borla, Govandi (W.) Mumbai 400 043
	Village	Borla
	Tehsil	Kurla
	District	Mumbai
	State	Maharashtra
10.	Nearest railway station/airport with distance in kms	Nearest Railway Station: Govandi Railway Station at approx. 2.0 km Chatrapati Shivaji Terminus Airport at approx. 12.9 Km Denor Bus Depot at approx. 2.4 km
11.	Nearest Town, city, District Headquarters along with distance in kms	Town: Kurla City : Mumbai District: Mumbai
12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Municipal Corporation of Greater Mumbai (MCGM)
13.	Name of the applicant	M/s. Lakadawala Developers Pvt. Ltd.

14.	Registered Address	Lathiwala Apartment, First Floor, Shivdas Chapshi Road, Near Sales Tax Office, Mazgaon, Mumbai – 400010.
15.	Address for Correspondence	Lathiwala Apartment, First Floor, Shivdas Chapshi Road, Near Sales Tax Office, Mazgaon, Mumbai – 400010.
	Name	Swati Doshi
	Designation (Owner/Partner/CEO)	Senior Architect
	Address	Lathiwala Apartment, First Floor, Shivdas Chapshi Road, Near Sales Tax Office, Mazgaon, Mumbai – 400010.
	Pin Code	400010
	Telephone no.	23705455, 23715455, 23745455
	Email	swati@northcons.in
	Mobile	9820004356
16.	Details of Alternative sites examined if any location of these sites should be shown on a toposheet	Not Applicable
17.	Interlinked Projects	Not Applicable
18.	Whether separate application of interlinked project has been submitted?	Not Applicable
19.	If yes, date of submission	Not Applicable
20.	If no, reason	Not Applicable
21.	Whether the proposal involves approval/clearance under: if yes, details of the same and their status to be given. a. The Forest (Conservation) Act, 1980? b. The Wildlife (Protection) Act, 1972? c. The C.R.Z Notification, 1991?	Not Applicable
22.	Whether there is any Government order/Policy relevant/relating to the site?	Not Applicable
23.	Forest land involved (hectares)	Not Applicable
24.	Whether there is any litigation pending against the project and /or land in which the project is propose to be set up? Name of the court Case No. Orders/directions of the court, if any and its relevance with the proposed project.	No

**(II) Activity**

<b>1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)</b>			
<b>Sr. No</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>
<b>1.1</b>	<b>Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)</b>	No	<p>Land Use: The proposed Slum Rehabilitation Scheme is in conformity with the Development Plan of Municipal Corporation of Greater Mumbai (MCGM). Land Cover: There will be no change in land cover as the proposal is of redevelopment.</p> <p><b><u>Please refer Annexure II DP Remarks &amp; Plan</u></b></p> <p>The construction work is carried out as per earlier obtained environmental clearance EC vide letter No. SEAC-2010/374/CR.279/TC.2 dated 13.09.2010.</p> <p><b><u>Please Refer Annexure III Earlier Obtained EC Letter.</u></b></p>
<b>1.2</b>	<b>Clearance of existing Land, vegetation and building?</b>	Yes	The construction work is carried out as per earlier obtained environmental clearance EC vide letter No. SEAC-2010/374/CR.279/TC.2 dated 13.09.2010.
<b>1.3</b>	<b>Creation of new land uses?</b>	No	The proposal is in conformity with the land use of the area as per the Development Plan of MCGM.
<b>1.4</b>	<b>Pre-construction investigation e.g. borehole, soil testing?</b>	No	<b><u>Please refer to Annexure IV Soil investigation Report</u></b>
<b>1.5</b>	<b>Construction works</b>	Yes	<p>The construction work is initiated as per earlier obtained environmental clearance EC vide letter No. SEAC-2010/374/CR.279/TC.2 dated 13.09.2010.</p> <p>The proposed project is development of 4 residential buildings 3 Rehab &amp; 1 Sale Building.</p> <p>Configuration is as given below: Rehab – Building No 1: Ground + 23 Upper Floors (Already constructed on site as OC dated 08.12.2017)</p>

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			Rehab - Building No 2: Ground + 24 Upper Floors (69.30 m) Rehab - Building No 3: Ground + 24 Upper Floors (68.30 m) Sale Building No. 4: (Wing A, B & C): 2 Level Basement + Ground (Part) + 25 Upper Floors (80.80 m)
<b>1.6</b>	<b>Demolition work</b>	No	No
<b>1.7</b>	<b>Temporary sites used for construction works or housing of construction workers?</b>	No	There will be no temporary housing facility for the construction workers. Temporary sheds will be used for storage of the construction goods or materials on site.
<b>1.8</b>	<b>Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations</b>	Yes	The construction work is carried out as per earlier obtained environmental clearance EC vide letter No. SEAC-2010/374/CR.279/TC.2 dated 13.09.2010.
<b>1.9</b>	<b>Underground works including mining or tunneling?</b>	No	Not Applicable
<b>1.10</b>	<b>Reclamation works?</b>	No	Not Applicable
<b>1.11</b>	<b>Dredging?</b>	No	Not Applicable
<b>1.12</b>	<b>Offshore structures?</b>	No	Not Applicable
<b>1.13</b>	<b>Production and manufacturing processes?</b>	No	Not Applicable
<b>1.14</b>	<b>Facilities for storage of goods or materials?</b>	Yes	Temporary sheds will be constructed for storage of construction materials. Temporary store room for the storage of construction materials have been built at the site, which will be removed later. Thus, the impact on physical environment will be temporal. During the operational phase, there will be well-designated confined storage areas within the building, which will not have impact on the physical environment.
<b>1.15</b>	<b>Facilities for treatment or disposal of solid waste or liquid effluents?</b>	Yes	<b>Construction Phase:</b> <ul style="list-style-type: none"> <li>• Temporary sanitation facility would be provided for construction workers which would be directly connected to</li> </ul>

1.	<b>Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)</b>		
Sr. No	Information/Checklist confirmation	Yes/ No	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>
			<p>the existing municipal sewer line for disposal of wastewater.</p> <ul style="list-style-type: none"> <li>• The biodegradable and non-biodegradable waste from construction workers would be separated and shall be handed over to MCGM Solid Waste Management System and non biodegradable waste shall be handed over to recyclers.</li> <li>• Substratum excavated for foundation will be used onsite as back fill as far as possible.</li> <li>• Solid waste such as empty bags, packing material, insulating plastic, metal pieces etc. will be properly segregated and send it to authorized recycler/ brick work and tiles, excavated material will be used as filling material at site as far as possible and rest will be disposed off as per debris management plan.</li> </ul> <p><b>Operation Phase:</b></p> <ul style="list-style-type: none"> <li>• Solid waste generated would be segregated as biodegradable and non-biodegradable waste.</li> <li>• Biodegradable waste would be transferred to Mechanical composting units for further treatment &amp; recyclable material will be sold out through vendors and rest will be disposed off into the garbage collecting vehicles of MCGM.</li> </ul> <p><b><u>Please refer to Annexure V Solid Waste Management details</u></b></p> <ul style="list-style-type: none"> <li>• The proposed project would have sewage treatment plant (STP) for treatment &amp; reuse of wastewater generated on site. <ul style="list-style-type: none"> <li>▪ Wastewater will be treated in Sewage Treatment Plant (STP).</li> <li>▪ Treated water will reused for flushing, &amp; gardening purpose.</li> </ul> </li> </ul>

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			<b><u>Please refer to Annexure VI Water and Wastewater Management details</u></b>
<b>1.16</b>	<b>Facilities for long term housing of operational workers?</b>	No	There are no provisions of long term housing facilities for operational workers. Apart from residents there will be maintenance team along with security. The impact due to this will be negligible.
<b>1.17</b>	<b>New road, rail or sea traffic during construction or operation?</b>	Yes	<b>Construction Phase</b> There will be temporary increase in traffic due to transportation of construction material. <b>Operation Phase</b> There will be minor increase in traffic due to residents /visitors commuting to the residential area from outside.
<b>1.18</b>	<b>New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?</b>	Yes.	There is no new rail, air-borne transport infrastructure required for the project. Approach road & internal road will be constructed as a part of the project plan.
<b>1.19</b>	<b>Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?</b>	No	Due to the upcoming project, there will be no closure or diversion of existing transport routes or infrastructures leading to changes in traffic movements.
<b>1.20</b>	<b>New or diverted transmission lines or pipelines?</b>	No	There will be no diversion of transmission and pipelines, though the project involves construction of new internal pipelines for fresh water, recycled water, rain water harvesting, sewer lines and internal power distribution lines (envisaged for the existing project).
<b>1.21</b>	<b>Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?</b>	No	The project will not involve any impoundment, damming, culverting or realignment or other changes to the hydrology of watercourses or aquifers.
<b>1.22</b>	<b>Stream crossing?</b>	No	Not Applicable
<b>1.23</b>	<b>Abstraction or transfers of</b>	No	Not Applicable

<b>1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)</b>			
<b>Sr. No</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>
	<b>water from ground or surface waters?</b>		
<b>1.24</b>	<b>Changes in water bodies or the land surface affecting drainage or run-off?</b>	No	Water body: There is no water body in and around project premises.
<b>1.25</b>	<b>Transport of personnel or materials for construction, operation or decommissioning?</b>	Yes	<p><b>Construction Phase:</b> There will be movement of personnel, materials and machineries during the construction phase. The impact due to the movement of personnel will be negligible as local people will be deployed. The construction material and machinery required will be mobilized from the local area. Thus, there will be contribution of marginal noise &amp; vehicular emissions which will be mitigated by implementation of effective EMP.</p> <p><b>Operation Phase:</b> During commissioning, there will be transportation of personnel and materials in and out of the project regularly. The persons in residential building during operation phase will use public or private transportation facilities.</p>
<b>1.26</b>	<b>Long-term dismantling or decommissioning or restoration works?</b>	No	Not Applicable
<b>1.27</b>	<b>Ongoing activity during decommissioning which could have an impact on the environment?</b>	No	Not Applicable
<b>1.28</b>	<b>Influx of people to an area in either temporarily or permanently?</b>	Yes	<p><b>Construction phase:</b> During the construction phase, there will be inward and outward movement of local labour in the construction site, this will be an ongoing temporary activity and will not call for permanent influx of people.</p> <p><b>Operation Phase:</b></p>

<b>1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)</b>			
<b>Sr. No</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>
			This is a residential building. There will be a permanent influx of the residents & visitors.
<b>1.29</b>	<b>Introduction of alien species?</b>	No	Local plant species will be planted for the green belt/ landscaping.
<b>1.30</b>	<b>Loss of native species or genetic diversity?</b>	No	Not Applicable
<b>1.31</b>	<b>Any other actions?</b>	No	Not Applicable

<b>2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):</b>			
<b>Sr. No.</b>	<b>Information/checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>
<b>2.1</b>	<b>Land especially undeveloped or agricultural land (ha)</b>	No	Land is non agricultural land.
<b>2.2</b>	<b>Water (expected source &amp; competing users) unit: KLD</b>	Yes	<p><b>Construction phase:</b> Source: Tanker water for construction activity and MCGM for drinking and domestic use.</p> <p>Requirement: Total = 50 m<sup>3</sup>/day (For domestic &amp; drinking purpose to construction workers = 10 m<sup>3</sup>/day For construction activity = 40 m<sup>3</sup>/day)</p> <p><b>Operation phase:</b> Source: Municipal Corporation of Greater Mumbai (MCGM) for drinking and domestic use and recycled water from STP for flushing, and gardening purpose. Total Water Requirement: 1198 m<sup>3</sup>/day Fresh Water: 796 m<sup>3</sup>/day Flushing Water: 402 m<sup>3</sup>/day Gardening Water: 9.3 m<sup>3</sup>/day <b><u>Please refer Annexure VI for Water and Wastewater Management.</u></b></p>
<b>2.3</b>	<b>Minerals (MT)</b>	No	Not Applicable

2.4	<b>Construction material - stone, aggregates, sand / soil (expected source - MT)</b>	Yes	General Construction Material required for construction consists of Steel, Cement, Stone Aggregate, Sand, Bricks, Glass, Fly - ash based products, etc. The construction material would be used in the project site and would be obtained from authorized local dealer.
2.5	<b>Forests and timber (source - MT)</b>	No	Not Applicable
2.6	<b>Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)</b>	Yes	Source: <b>-Reliance power</b> Power requirement : <ul style="list-style-type: none"> <li>▪ Construction Phase: 100 KW</li> <li>▪ Operation Phase Connected Load: 5717 KW Maximum Demand: 3429 KW</li> </ul>
2.7	<b>Any other natural resources (use appropriate standard units)</b>	No	No other natural resources will be used.

<b>3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.</b>			
<b>Sr. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	No	Not Applicable
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	Not Applicable
3.3	Affect the welfare of people e.g. by changing living conditions?	No	Not Applicable
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	Not Applicable
3.5	Any other causes	No	Not Applicable

4. Production of solid wastes during Construction or Operation or Decommissioning (MT/month)			
Sr. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	Not Applicable
4.2	Municipal waste (domestic and or commercial wastes)	Yes	<b>Operation Phase:</b> Total Municipal Solid waste: 3364 Kg/Day Biodegradable waste (40% of total waste generated): 1458 Kg/Day Non- Biodegradable waste (60% of total waste generated): 2186 Kg/Day <b><u>Please refer Annexure V for Solid Waste Management.</u></b>
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	Not Applicable
4.4	Other industrial process wastes	No	Not Applicable
4.5	Surplus product	No	Not Applicable
4.6	Sewage sludge or other sludge from effluent treatment	Yes	<b>Operation Phase:</b> About 85 kg/day of sludge will be generated during operation phase.
4.7	Construction or demolition wastes	Yes	All construction waste will be collected and segregation properly. Mostly of that will be recycled for the construction activity. Surplus will be disposed off at proper site as per the norms.
4.8	Redundant machinery or equipment	No	Not Applicable
4.9	Contaminated soils or other materials	No	Proper care will be taken to avoid contaminated soil and if oil spilled soil will be found; the same will be scrapped off and stored at earmarked places and sent to disposal sites.
4.10	Agricultural wastes	No	Not Applicable
4.11	Other solid wastes	No	Not Applicable

5. Release of pollutants or any hazardous, toxic or noxious substances to air (kg/hr)			
Sr. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from	Yes.	<b>Construction phase:</b> ▪ There will be a slight increase in

<b>5. Release of pollutants or any hazardous, toxic or noxious substances to air (kg/hr)</b>			
<b>Sr. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>
	<b>stationary or mobile sources</b>		emission of SO <sub>2</sub> , NO <sub>x</sub> , SPM, and RSPM due to movement of trucks carrying raw material <ul style="list-style-type: none"> <li>▪ Due to construction machinery</li> </ul> <b>Operation phase:</b> Use of D.G sets (only in case of emergency)
<b>5.2</b>	<b>Emissions from production processes</b>	No.	Not applicable.
<b>5.3</b>	<b>Emissions from materials handling including storage or transport</b>	Yes	The emission expected from construction phase will be dust arising from material handling and vehicular emission from transport vehicles. These include the emissions due to idling of the vehicles during loading and unloading activities.
<b>5.4</b>	<b>Emissions from construction activities including plant and equipment</b>	Yes.	The dust emission sources are: <ul style="list-style-type: none"> <li>• Excavation</li> <li>• Haul-road movements</li> <li>• Construction</li> <li>• Material Handling</li> <li>• Finishing</li> </ul> There will be minor emissions from construction equipment & dust generation during construction activity & raw material handling.
<b>5.5</b>	<b>Dust or odors from handling of materials including construction materials, sewage and waste</b>	Yes.	During the construction phase, there will be some dust generation due to handling of raw material and movement of vehicles carrying raw material. During Operation Phase negligible gaseous emission due to vehicle movements will be generated.
<b>5.6</b>	<b>Emissions from incineration of waste</b>	No.	Not applicable.
<b>5.7</b>	<b>Emissions from burning of waste in open air (e.g. slash materials, construction debris)</b>	No.	Not applicable.
<b>5.8</b>	<b>Emissions from any other sources</b>	No.	Not applicable.

<b>6. Generation of Noise and Vibration, and Emissions of Light and Heat:</b>			
<b>Sr. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/No</b>	<b>Details thereof (with approximate quantities/rates, wherever possible) with source of information data</b>
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes.	<b>Construction phase:</b> Minor increase in noise is anticipated due to the ongoing construction activity. The construction activity will be restricted to day time only. <b>Operation phase:</b> Noise will be generated due to DG sets (only in case of power failures) and vehicular movement.
6.2	From industrial or similar processes	No.	Not applicable.
6.3	From construction or demolition	Yes.	Noise & dust will be generated from construction & demolition activity.
6.4	From blasting or piling	No.	Not applicable.
6.5	From construction or operational traffic	Yes.	<b>Construction phase:</b> Noise will be generated due to transport of trucks carrying the raw material/debris. <b>Operation phase:</b> During operation phase, traffic noise will be generated due to vehicles. However; adequate measures like tree plantation at periphery will be taken to curb the noise pollution at the site.
6.6	From lighting or cooling systems	No.	Not applicable.
6.7	From any other sources	No	D.G. sets will be enclosed in acoustic enclosures as prescribed by CPCB to mitigate noise while in operation phase during power failure.

<b>7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:</b>			
<b>Sr. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/No</b>	<b>Details thereof (with approximate quantities/rates, wherever possible) with source of information data</b>
7.1	From handling, storage, use or spillage of hazardous	No.	Not applicable.

	<b>materials</b>		
7.2	<b>From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)</b>	No	<p>There is risk of contamination of land and water due to discharge of untreated waste-water. However, no untreated sewage will be discharged into the open surfaces causing the contamination of ground water.</p> <p><b>Construction Phase</b> Temporary Toilets would be constructed for construction workers and it would be directly connected to the existing Municipal sewer line for disposal.</p> <p><b>Operation Phase</b> Wastewater will be treated in Sewage Treatment Plant. Treated water will reuse for flushing and gardening purpose. Remaining treated water will be sent to municipal sewer line.</p> <p><b><u>Please Refer Annexure VI for Water and Wastewater Management.</u></b></p>
7.3	<b>By deposition of pollutants emitted to air into the land or into water</b>	Yes	<p><b>Construction Phase</b> Vehicle movement would lead to slight increase in Dust particles. Dust generated during construction will be settled continuously by spraying water.</p>
7.4	<b>From any other sources</b>	No.	Not applicable.
7.5	<b>Is there a risk of long term build up of pollutants in the environment from these sources?</b>	No.	Not applicable.

<b>8.</b>	<b>Risk of accidents during construction or operation of the Project, which could affect human health or the environment:</b>		
<b>Sr. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/rates, wherever possible) with source of information data</b>
8.1	<b>From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances</b>	No.	<p>Not applicable. Proper fire-fighting arrangements will be provided all around the project site (as per the norms of the NBC-2016)</p>
8.2	<b>From any other causes</b>	Yes	<p>The major risks involved in the project would be working at different construction heights and mishaps due to human errors, bad construction practices and associated electric hazards.</p>

			<p>All safety measures will be in place prior to commencement of operations so as to avoid any risk to human life and as per the prevailing local by laws.</p> <p><b><u>Please refer to Annexure IX EMP</u></b></p>
8.3	<p><b>Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?</b></p>	No	<p>Landslides are not expected in the area. Management plan for flood is as follows Flood :</p> <ul style="list-style-type: none"> <li>• Storm water system would be checked at regular interval for its proper functioning.</li> <li>• Mapping the areas within or leading in or out of the building that may be water logged due to the flood. The areas will be marked after completion of the project (as final ground levels etc. will be available after completion).</li> </ul> <p>Earthquake: Mumbai lies in Seismic Zone - III and the design and construction will be done as per Indian Standards for Zone-III Seismic category.</p>

<b>9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality:</b>			
<b>Sr. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/rates, wherever possible) with source of information data</b>
9.1	<p><b>Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.:</b></p> <ul style="list-style-type: none"> <li>- Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.)</li> <li>- Housing development</li> <li>- Extractive industries</li> <li>- Supply industries</li> <li>- Other</li> </ul>	Yes	<p>The proposed infrastructure is only for the proposed development:</p> <ul style="list-style-type: none"> <li>▪ STP for treatment and recycling of waste water generated on site.</li> <li>▪ Organic waste generated will be treated in mechanical waste composting units on site.</li> <li>▪ Rain Water Harvesting</li> <li>▪ Adequate parking space</li> <li>▪ Common amenity areas, landscaping etc. for green belt development.</li> </ul>
9.2	<p><b>Lead to after-use of the site, which could have an impact</b></p>	No	Not applicable.

<b>9.</b>	<b>Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned a activities in the locality:</b>		
<b>Sr. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities/rates, wherever possible) with source of information data</b>
	<b>on the environment</b>		
9.3	Set a precedent for later developments	No	Not applicable.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	Not applicable.

**(III) Environmental Sensitivity:**

<b>Sr. No.</b>	<b>Areas</b>	<b>Name / Identity</b>	<b>Aerial distance (within 15 km.) Proposed project location boundary</b>
<b>1</b>	<b>Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value</b>	Sanjay Gandhi National Park  Mahim Nature Park	Approx. 8.8 Km - N  Approx. 5.4 Km - E
<b>2</b>	<b>Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests</b>	Arabian Sea Mahim Creek Mahim Bay Gorai Creek Malad Creek Thane Creek Powai Lake Vihar Lake Tulsi Lake	Approx. 10.00 Km - W Approx. 6.00 Km - W Approx. 8.00 Km - W Approx. 21.00 Km - NW Approx. 15.00 Km - NW Approx. 5.00 Km - E Approx. 6.79 Km - N Approx. 8.85 Km - N Approx. 14 Km - N
<b>3</b>	<b>Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration</b>	Sanjay Gandhi National Park	Approx. 8.8 Km
<b>4</b>	<b>Inland, coastal, marine or underground waters</b>	Arabian Sea Malad Creek Thane Creek	Approx. 10.00 Km - W Approx. 15.00 Km - NW Approx. 5.00 Km - E
<b>5</b>	<b>State/ National boundaries</b>	None	Not Applicable
<b>6</b>	<b>Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas</b>	Eastern Freeway	Adjacent to site
<b>7</b>	<b>Defense installations</b>	No	Not Applicable

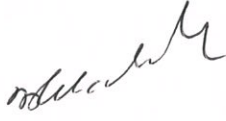
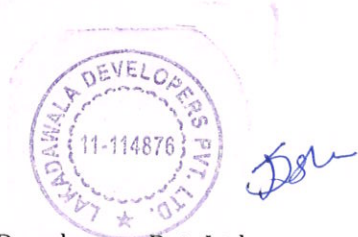
8	<b>Densely populated or built-up area</b>	Yes	The proposed project is located at Village Govandi (West).	
9	<b>Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)</b>	Yes	School, hospitals and small temples are observed in 15 km radius	
Basic Amenities		Particulars	Distance (approx. km)	Direction
Educational Facilities		RBK International Academy	0.16	N
		Shivaji Nagar Municipal School	0.47	NE
		BMC Shivaji Nagar Urdu School	0.42	NE
		Municipal Urdu School	0.6	NE
		Darul Madinah Islamic School	0.65	NE
		Z. P. School subhashnager	0.71	NE
		N. G. Acharya & D. K. Marathe College	0.62	W
		Chembur Karnataka High School	0.74	SW
		Amarnath High School	0.41	S
		New Model English High School	0.39	S
		Sree Narayana Guru College of Commerce	0.45	W
		SK Rai College	0.96	W
Medical Facilities		Jeevandeep Hospital	Adjacent	N
		Brihanmumbai Municipal Hospital	0.14	N
		Life Care Hospital	Adjacent	N
		Shivaji Nagar Municipal Hospital	0.55	NE
		Noor Hospital	0.69	NE
		BMC Hospital - General Hospital	1.7	N
		Bombay City Hospital	0.78	N
Religious Places		Karbala Masjid	0.18	NE
		Mar Thoma Syrian Church	0.33	W
		Chandramani Budha Vihar	0.32	SW
		Sunni Barelvi Masjid	0.06	N
Government Offices / Facilities		Gautam Nagar Play Ground	0.07	N
		Community park	0.05	N
		Children's Park & Play Ground	0.03	S
		Deonar Police Station	0.31	SE
		Deonar Fire Brigade	1.24	E
		Shivaji Nagar Police Station (Govandi West)	0.41	N
<i>Note: All aerial distances are taken from Google Earth</i>				
10	<b>Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)</b>	No	Not Applicable	
11	<b>Areas already subjected to pollution or environmental damage. (Those where existing legal environmental standards are exceeded)</b>	No	Not Applicable	

12	<b>Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)</b>	No	Not Applicable Mumbai lies in Seismic Zone - III and the design and construction will be done as per Indian Standards for Zone-III Seismic category.
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I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.

**Date:** 09.01.2018

**Place:** Mumbai

For M/s. Lakadawala Developers Pvt. Ltd.  
(Authorised signatory)