



Date: 25.01.2023

To,  
Environment Department,  
15<sup>th</sup> floor, New Administrative Building,  
Madam Cama Road, Near Mantralaya  
Mumbai-400032, Maharashtra

<b>Subject :</b>	Submission of six-monthly Compliance reports from the period of June 2022 to November 2022
<b>Project Name :</b>	Residential Project - "Krishvi Escape" at Plot bearing C. S. No. 2243, 2244, 2245, 2246, 2247, 2248, 1/2249, 2/2249, 3/2249, 4/2249, 5/2249, 2250, 2251, 2252, 2253, 2254, 2255 & 2257 of Bhuleshwar Division, Sitaram Poddar Marg, Charni Road, Fanaswadi, Mumbai By M/s. Shagun Bluekey Realty
<b>Reference :</b>	Environment Clearance Obtained from SEIAA Maharashtra Having file number SEIAA-EC-0000000452 dated 18.09.2018

Respected Sir/Madam,

With reference to the above subject, we are submitting the current Status of our construction work, datasheet, and point-wise compliance reply of environmental clearance conditions to various stipulations laid down by the SEIAA, Environment Department, Maharashtra in its clearance letter No. SEIAA-EC-0000000452 dated 18.09.2018 along with the necessary enclosure and annexure.

This is for your kind consideration and records. Kindly acknowledge the same.

Thanking You,  
Regards,

For M/s. Shagun Bluekey Realty

For SHAGUN BLUEKEY REALTY  
(SHAGUN BLUEKEY REALTY PVT. LTD.)

Authorized Signatory

PARTNER

Enclosed : Copy of Compliance and monitoring reports including Annexures

Submission of point wise compliance reply including monitoring report

**Builder Name : M/s. Shagun Bluekey Realty**

**Project Name :**

Residential & Commercial project “Krishvi Towers” At C.S. No. 2243, 2244, 2245, 2246, 2247, 2248, 1/2249-5/2249, 2250, 2251, 2252, 2253, 2254, 2255 & 2257 of Bhuleshwar Division, at Sitaram Poddar Road, Mumbai

**Environmental Clearance file Number:**

Environmental Clearance letter SEIAA-EC-0000000452 dated 18.09.2018

**Submission of compliance report including and monitoring report for the Period :**

December 2022 : Compliance period has been considered from May, 2022 to November, 2022

**Current status of the project :**

Total constructed area 18,630.20 m<sup>2</sup>

Building 1 : Wing A : RCC work up to 11 slabs has been completed and plaster & plumbing work has been completed up to G + 3<sup>rd</sup> floor

Building 1: Wing B : RCC work up to 11 slabs has been completed and plaster & plumbing work has been completed up to G + 4<sup>th</sup> floor

Building 2 : Not yet started

**Maharashtra Pollution Control Board (MPCB) permissions status:**

Received Consent to Establish from MPCB

**Project Information details**

<b><u>Particulars</u></b>	<b><u>Details</u></b>
<b><u>Name, Contact of the project proponent</u></b>	<b><u>M/s. Shagun Bluekey Realty</u></b> <b><u>Mr. Shrenik Seth (9820343666)</u></b>
<b><u>Location Details</u></b>	<b><u>C.S.No. 2243, 2244, 2245, 2246, 2247, 2248, 1/2249-5/2249, 2250, 2251, 2252, 2253, 2254, 2255 &amp; 2257 of Bhuleshwar Division, at Sitaram Poddar Road, Mumbai.</u></b>
<b><u>Project Cost Rs. Crore</u></b>	<b><u>200 Crore</u></b>
<b><u>Area of Plot in m<sup>2</sup></u></b>	<b><u>5986.30</u></b>
<b><u>Deductions in m<sup>2</sup></u></b>	<b><u>1746.71</u></b>
<b><u>Open Space 10% area m<sup>2</sup></u></b>	<b><u>413.6</u></b>
<b><u>Net area of plot (3-5) m<sup>2</sup></u></b>	<b><u>4239.59</u></b>
<b><u>FSI area m<sup>2</sup></u></b>	<b><u>32786.50</u></b>
<b><u>Non FSI area m<sup>2</sup></u></b>	<b><u>31672.39</u></b>
<b><u>Construction area m<sup>2</sup></u></b>	<b><u>64458.89</u></b>
<b><u>Building Configuration</u></b>	<b><u>Building 1</u></b> <b><u>Wing A : 1<sup>st</sup> basement for services + 2 basements for parking + Ground floor + 1<sup>st</sup> &amp; 2<sup>nd</sup> (pt) Podium and part NR Rehab &amp; 3<sup>rd</sup> to 7<sup>th</sup> Podium + 8<sup>th</sup> to 22<sup>nd</sup> upper residential floors</u></b> <b><u>Wing B : 1<sup>st</sup> basement for services + 2 basements for parking + Ground floor + 1<sup>st</sup> &amp; 2<sup>nd</sup> (pt) Podium and part NR Rehab &amp; 3<sup>rd</sup> to 7<sup>th</sup> Podium + Service floor + 8<sup>th</sup> to 44<sup>th</sup> (pt) upper residential floors including refuge floor + 2 nos.</u></b>

Submission of point wise compliance reply including monitoring report

<b><u>Particulars</u></b>	<b><u>Details</u></b>
	<b><u>(Unexpected water level and soil erosion were observed therefor constructed only one basement instead of 3.)</u></b> <b><u>Building 2 : G+3<sup>rd</sup> floor</u></b>
<b><u>No of tenements</u></b>	<b><u>Sale - 120 flats and Rehab - 341 flats</u></b>
<b><u>No. of Population</u></b>	<b><u>1,964 no.</u></b>
<b><u>No of STP and Capacity</u></b>	<b><u>1 x 300 CMD</u></b>
<b><u>No. of DG set</u></b>	<b><u>2 x 625 kVA and 1 x 200 kVA</u></b>
<b><u>Solid waste management facility</u></b>	<b><u>OWC</u></b>
<b><u>EMP cost : Capital Cost Rs. Lakh and O &amp; M Cost Rs. Lakh</u></b>	<b><u>Rs. 953.47 Lakh</u></b> <b><u>Rs. 189.5Lakh/year</u></b>

**Submission of point wise compliance reply to conditions mentioned in environmental clearance letter received form SEIAA, Maharashtra**

**3. Specific Condition mentioned environmental clearance (EC) letter**

Sr. no	Specific Condition	Reply	Annexure
I.	PP to submit IOD / IOA /Concession Document / Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.	Yes, we have obtained IOD plan approval from MCGM having file number CHE/CTY/0479/C/337(NEW) and CHE/CTY/3856/C/337(NEW) dated 18.06.2018	
II.	PP to obtain and submit HRC NOC for wing B (Sale)	Yes We have obtained HRC NOC from MCGM dated 25.10.2018 having file number is CHE/HRB-779/DPWS	
III.	PP to provide Common entry for rehab and sale shall be maintained for fire tender access.	Yes, we have designed and given common entry for both Rehab and Sale building for Fire tender movement.	
IV.	On the basis of IOD received, SEIAA decided to grant EC for: FSI area: 8300.50 m <sup>2</sup> Non FSI area: 10751.00 m <sup>2</sup> and Total BUA: 19051.05 m <sup>2</sup> .	Yes and Noted. We have received the Environment Clearance and it was granted for BUA 19,051.05 m <sup>2</sup>	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	<b>General Conditions:</b>		
<b>I.</b>	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	Yes we have done an agreement with authorized vendor at the time of operational phase	
<b>II.</b>	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	We agree with the condition  A proper sewer network and water network will be designed and NOC are available with us.	
<b>III.</b>	This environmental clearance is issued subject to obtaining NOC from Forestry & Wildlife angle including clearance from the standing committee of the National Board for Wildlife as if applicable & this environment clearance does not necessarily implies that Forestry & Wildlife clearance granted to the project which will be considered separately on merit.	Forestry & Wildlife angle including clearance is not applicable.	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
IV.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Agreed. We are complying with conditions stipulated by SEAC and SEIAA.	
V.	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	The height, Construction built-up area of proposed project is strictly per the approved plan.  Copy of EC attached as an Annexure	I
VI.	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department	We have received the Consent to Establish from MPCB having File number Format 1.0/BO/JD(WPC)/UAN-53290/CE/CC-1903001031 dated 18.03.2019	II

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	before start of any construction work at the site.	Copy of CTE attached as an Annexure	
<b>VII.</b>	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Yes, We have provided all sanitary and hygienic measures on-site during the construction phase for workers	
<b>VIII.</b>	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	<p>Yes, we have provided</p> <ul style="list-style-type: none"> <li>➤ Adequate drinking water and sanitary facilities have been provided for workers at the construction site.</li> <li>➤ Safe disposal system of wastewater &amp; solid waste has been provided. Garbage has been collected by an authorized vendor.</li> <li>➤ A temporary washing area is provided for laborers and good hygienic conditions has been maintained.</li> </ul>	
<b>IX.</b>	The solid waste generated should be properly collected	The waste generated from the labor has been mostly	



Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material	household waste which was disposed into the municipal bins.  Currently, there is no labor camp.  Workers will be worked on a daily basis.	
X.	Disposal of muck during construction phase should not create any adverse effect on the neighboring 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.	Yes, we have provided an area for the disposal of muck which was generated during the construction phase.	
XI.	Arrangement shall be made that waste water and storm water do not get mixed.	Yes, the proper arrangement of water network will be provided.	
XII.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	The excavated quantity was utilized for backfilling and topsoil has been stored for green belt development	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
<b>XIII.</b>	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	Noted, we are not disturbing any natural drainage system	
<b>XIV.</b>	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Green Belt development will be provided according to Norms/ guidelines only.	
<b>XV.</b>	Soil and groundwater samples will be tested to ascertain that there is no threat to groundwater quality by leaching of heavy metals and other toxic contaminants.	Yes, samples has been analyzed and there is no any contamination found in the soil and water.  Monitoring Reports are attached as an Annexure	<b>III</b>
<b>XVI.</b>	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so	Such types of wastes will not be anticipated in this activity. However, all possible measures will be taken to avoid contamination of water bodies/ streams.	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	that they should not leach into the ground water.	The disposal of the same will be provided as per MPCB norms applicable to hazardous waste.	
<b>XVII.</b>	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	No hazardous waste will be generated during the construction & operation phase.	
<b>XVIII.</b>	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	Yes Noted. During the construction phase, there is no DG set was used.	
<b>XIX.</b>	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	In the Operational phase, Diesel is not stored at the site. At the time of requirement, vendor makes the availability of the diesel.	
<b>XX.</b>	Vehicles hired for bringing construction material to the	The vehicles have been hired for bringing	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	<p>site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.</p>	<p>construction material to the site and were checked for PUC at main gate.</p>	
<p><b>XXI.</b></p>	<p>Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.</p>	<p>The day and night ambient noise levels monitoring has been carried out and they found within the limit at the project area.</p> <p>Have done monitoring through MoEF&amp;CC Approved lab.</p> <p>Monitoring reports area attached as Annexure</p>	<p><b>III</b></p>
<p><b>XXII.</b></p>	<p>Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th</p>	<p>Not Applicable because this project site is not located within 100 km of thermal power stations.</p>	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	August, 2003. (The above condition is applicable only if the project site is located within the 100 Km of Thermal Power Stations).		
XXIII.	Ready mixed concrete must be used in building construction.	Yes. The vendor has placed the RMC.	
XXIV.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Proper Storm water network will be designed and CGWA is not applicable	
XXV.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	We are complying with the same by using of pre-mixed concrete, curing agents.	
XXVI.	The groundwater level and its quality should be monitored regularly in consultation with Ground Water Authority.	There is no source of ground water on site.	
XXVII.	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for	Yes. Noted  STP capacity of 300 m <sup>3</sup> /day will be provided and recycled water will be utilized for flushing and gardening.	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	<p>operation. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.</p>		
<p><b>XXVIII.</b></p>	<p>Permission to draw groundwater and construction of basement if any shall be obtained from the competent Authority prior to construction / operation of the project.</p>	<p>Not Applicable.</p> <p>We are not using groundwater.</p> <p>There was 3 basement, however, due to difficult site condition i.e. unexpected water pressure at 8.0 m and soil erosion with water below the adjoining structure was observed. So constructed only one basement instead of 3. It</p>	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
		reduced the environmental impact on mother earth	
<b>XXIX.</b>	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Dual plumbing line will be designed and providing the same.	
<b>XXX.</b>	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Yes, will be provided	
<b>XXXI.</b>	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	We will comply with the condition	
<b>XXXII.</b>	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	Noted	
<b>XXXIII.</b>	Energy conservation measures like installation of	Noted	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	<p>CFLs TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed of /sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.</p>		
XXXIV.	<p>Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under</p>	<p>Yes will be provided as per norms</p>	



Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	<p>the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.</p>		
<p><b>XXXV.</b></p>	<p>Noise should be controlled to ensure that it does not exceed the prescribed standards. During night-time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.</p>	<p>Construction activity has been carried out only in Day time to avoid Noise pollution.</p> <p>Copy of Monitoring reports are attached as Annexure</p>	<p>III</p>
<p><b>XXXVI.</b></p>	<p>Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.</p>	<p>Yes, proper entry and exit points will be designed and provided to avoid the Traffic congestion.</p>	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
XXVII.	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non air-conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	Noted	
XXVIII.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Building will be designed to allow the circulation of air, natural light & ventilation.	
XXXIX.	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	Yes, regular supervision will be done in order to avoid disturbance to the surrounding.	
XL.	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project	Noted. We have started the construction after receiving the EC	IV

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Site photos are attached As Annexure	
<b>XLI.</b>	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	Yes, we are regularly submitting the six monthly monitoring reports to respective authorities.	
<b>XLII.</b>	Project proponent shall ensure completion of STP; MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEJAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from	Occupation will be issued only after ensuring completion of STP, MSW disposal facility, green belt development	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	appropriate authority shall be obtained.		
<b>XLIII.</b>	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	The waste generated during operational phase will be collected and segregated at source itself Biodegradable waste will be treated in organic Waste Converter and treated waste (manure) will be utilized for landscaping	
<b>XLIV.</b>	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Noted	
<b>XLV.</b>	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	PP has submitted a complete set of all documents to department of MPCB Regional Officer, MoEF&CC, Nagpur and Env. Dept. Mumbai.	
<b>XLVI.</b>	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Yes, Due to current UDDCR rules, benefit of additional FSI will be available. So we have applied for expansion to SEIAA, Environment Department.	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
		Application number is SIA/MH/MIS/251540/2022 and application is in process of EC	
<b>XLVII.</b>	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Environment Management cell with qualified staff set up will be proposed for the implementation of the stipulated environmental safeguards.	
<b>XLVIII.</b>	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	PP will be allotted separate funds for environmental protection measures/ EMP and will be provided as per planned requirement.	
<b>XLIX.</b>	The project management shall advertise at least in two local newspapers widely circulated in the region around the	PP has given advertisement in newspaper.  Copy of advertisement is attached as Annexure	V

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	<p>project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://parivesh.nic.in">http://parivesh.nic.in</a></p>		
<p><b>L.</b></p>	<p>Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard &amp; soft copies to the MPCB &amp; this department, on 1st June &amp; 1st December of each calendar year.</p>	<p>Yes, we are regularly submitting the monitoring reports</p>	
<p><b>LI.</b></p>	<p>A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions / representations, if any, were</p>	<p>Noted</p>	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.		
<b>LII.</b>	The proponent shall upload the status of compliance of the stipulated EC 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, 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 sector 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.	Noted	
<b>LIII.</b>	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated	The PP has submitted half yearly compliance reports	III

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	to Regional office of MoEF&CC and MPCB  Reports attached as an Annexure	
<b>LIV.</b>	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 concerned 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 by e-mail.	Six monthly reports regarding the status of compliance of EC condition are regularly sent to all mandated authorities.	

Sr. No.	EC condition	Reply	Annexure
<b>4</b>	The environmental clearance is being issued without	Noted	



Submission of point wise compliance reply including monitoring report

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	<p>prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.</p>		
5	<p>In case of submission of false document and non-compliance of stipulated conditions, Authority Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.</p>	Noted	
6	<p>The Environment department reserves the right to add any stringent condition or to</p>	Noted	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.		
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.	Yes, as per Current circular of MoEF dated 12.04.2022, EC validity is 10 years.	
8	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	PP agrees with the condition.  Already application has been submitted to SEIAA and it is in process of EC	
9	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and	Noted.	

Submission of point wise compliance reply including monitoring report

Sr. No.	EC condition	Reply	Annexure
	Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its Amendments, the public Liability Insurance Act, 1991 and its amendments.		
<b>10</b>	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted	

## **Annexure**

Annexure I	Copy of Environmental Clearance
Annexure II	Copy of Consent to Establish
Annexure III	Copy of Monitoring reports
Annexure IV	Site Photos
Annexure V	Copy of Paper Advertisement

Annexure I  
Copy of Environmental Clearance



## STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: September 18, 2018

To,  
**MR.SHRENIK SETH, 202-223, KRISHVI HEIGHTS 2ND FLR, V.P.RD, CHARNI RD(E) MUMBAI 400 004.**  
at Plot bearing C. S. No. 2243, 2244, 2245, 2246, 2247, 2248, 1/2249, 2/2249, 3/2249, 4/2249, 5/2249, 2250, 2251, 2252, 2253, 2254, 2255 & 2257 of Bhuleshwar Division, Sitaram Poddar Marg, Charni Road, Fanaswadi, Mumbai

**Subject:** Environment Clearance for Proposed high rise residential cum commercial development at Charni road, Fanaswadi, Mumbai

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its 62nd (Part A)nd meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 137th meetings.


2. It is noted that the proposal is considered by SEAC-II under screening category category 8(a)- B2 as per EIA Notification 2006.

### Brief Information of the project submitted by you is as below :-

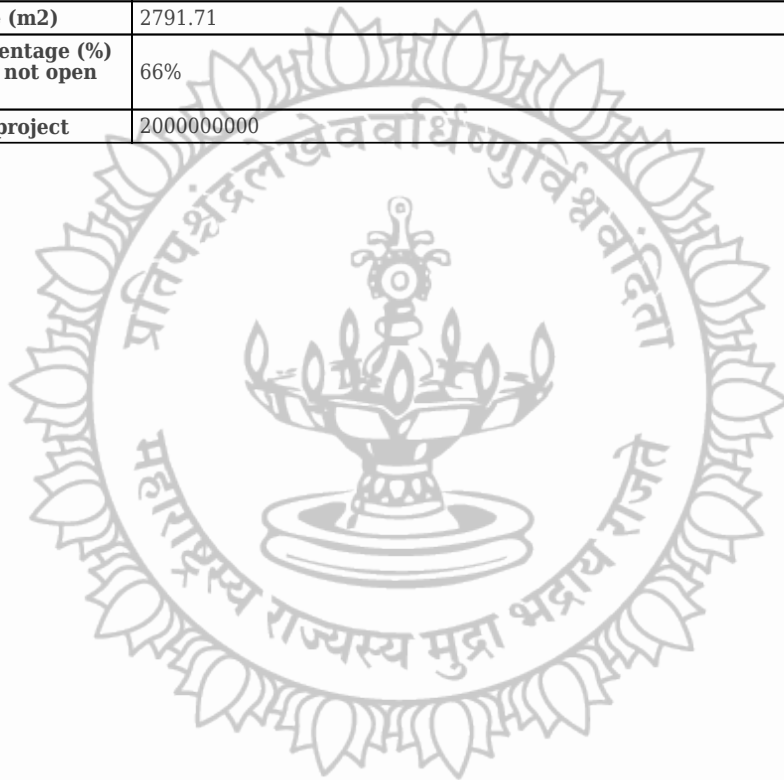
1.Name of Project	Krishvi Towers
2.Type of institution	Private
3.Name of Project Proponent	MR.SHRENIK SETH, 202-223, KRISHVI HEIGHTS 2ND FLR, V.P.RD, CHARNI RD(E) MUMBAI 400 004.
4.Name of Consultant	1. NABET Accredited Consultant - Pollution & Ecological Control Services 2. Design Architect M/s. Architect Lokhandwalla F.T.3. MEP Consultant- M/s.Hydro mechanical consultants 4. Structural Consultant- M/s. JW Consultants LLP (Formerly Y S Sane Associates) 5. Geotechnical Consultants -M/s. GEOCON INTERNATIONAL PVT. LTD. 6.Traffic, EMP, DMP, Basement Filtration & HRC consultant - Enviro Policy Research India Pvt Ltd 7. BMC Architect- M/s. Archvision Architect
5.Type of project	Housing project
6.New project/expansion in existing project/modernization/diversification in existing project	new project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Plot bearing C. S. No. 2243, 2244, 2245, 2246, 2247, 2248, 1/2249, 2/2249, 3/2249, 4/2249, 5/2249, 2250, 2251, 2252, 2253, 2254, 2255 & 2257 of Bhuleshwar Division, Sitaram Poddar Marg, Charni Road, Fanaswadi, Mumbai
9.Taluka	Mumbai
10.Village	Mumbai
Correspondence Name:	MR.SHRENIK SETH
Room Number:	Shagun Realty, 202-223
Floor:	2nd floor
Building Name:	KRISHVI HEIGHTS
Road/Street Name:	V.P.RD
Locality:	Charni road East
City:	Mumbai 400 004
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	CFO NOC CHE/CTY/3315/C/337 (new) <b>IOD/IOA/Concession/Plan Approval Number:</b> CHE/CTY/3315/C/337 (new) <b>Approved Built-up Area:</b> 30625.81

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**Shri. Anil Diggikar (Member Secretary SEIAA)**

13.Note on the initiated work (If applicable)	no work is started yet
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	CHE/CTY/3315/C/337 (new)
15.Total Plot Area (sq. m.)	5986.30 m2
16.Deductions	1746.71 m2
17.Net Plot area	4239.59 m2
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 32786.50
	Non FSI area (sq. m.): 31672.39
	Total BUA area (sq. m.): 64458.89
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.):
	Approved Non FSI area (sq. m.):
	Date of Approval:
19.Total ground coverage (m2)	2791.71
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	66%
21.Estimated cost of the project	2000000000



# Government of Maharashtra

## 22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable

## 23. Total Water Requirement

<b>Dry season:</b>	Source of water	MCGM
	Fresh water (CMD):	198 m3/day
	Recycled water - Flushing (CMD):	105 m3/day
	Recycled water - Gardening (CMD):	3 m3/day
	Swimming pool make up (Cum):	Nil
	Total Water Requirement (CMD) :	306 m3/day
	Fire fighting - Underground water tank(CMD):	Fire tank 1: 200 m3/day, Fire tank 2: 450 m3/day, Fire tank 3: 200m3/day
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	163 m3/day
<b>Wet season:</b>	Source of water	MCGM
	Fresh water (CMD):	198 m3/day
	Recycled water - Flushing (CMD):	105 m3/day
	Recycled water - Gardening (CMD):	Nil
	Swimming pool make up (Cum):	Nil
	Total Water Requirement (CMD) :	303 m3/day
	Fire fighting - Underground water tank(CMD):	Fire tank 1: 200 m3/day, Fire tank 2: 450 m3/day, Fire tank 3: 200m3/day
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	166 m3/day
<b>Details of Swimming pool (If any)</b>	NA	

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## 24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	198	198	0	29	29	0	169	169

<b>25.Rain Water Harvesting (RWH)</b>	Level of the Ground water table:	12-15 m
	Size and no of RWH tank(s) and Quantity:	RWH tank 1- 20m3, RWH tank 2- 20m3, RWH tank 3- 25 m3
	Location of the RWH tank(s):	Basement 3 (Building 1) and Basement 2 (Building 2)
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	4.58 Lakh
	Budgetary allocation (O & M cost) :	0.50 Lakh
	Details of UGT tanks if any :	Locations of UGT tanks: 2nd Basement (Building 2) [Domestic tank1: 30 m3, Flushing tank1: 15 m3, Fire tank1: 200m3] , 3rd Basement (Building 1) [Fire tank 2 : 450m3, Domestic tank 2: 40m3, Flushing tank2 : 20 m3, Flushing tank 3: 25m3, Domestic tank 3: 40m3, Fire tank 3: 200 m3]

<b>26.Storm water drainage</b>	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged in to Municipal SWD
	Quantity of storm water:	0.693 m3/sec
	Size of SWD:	450mm wide channel with slope of 1:300

<b>27.Sewage and Waste water</b>	Sewage generation in KLD:	274
	STP technology:	MBBR (Moving Bed Biofilm Reactor)
	Capacity of STP (CMD):	1 STP of Capacity: 300 m3/day
	Location & area of the STP:	Basement 1 of Building 2 (250 m2)
	Budgetary allocation (Capital cost):	18.55 Lakh
	Budgetary allocation (O & M cost):	3.89 Lakh

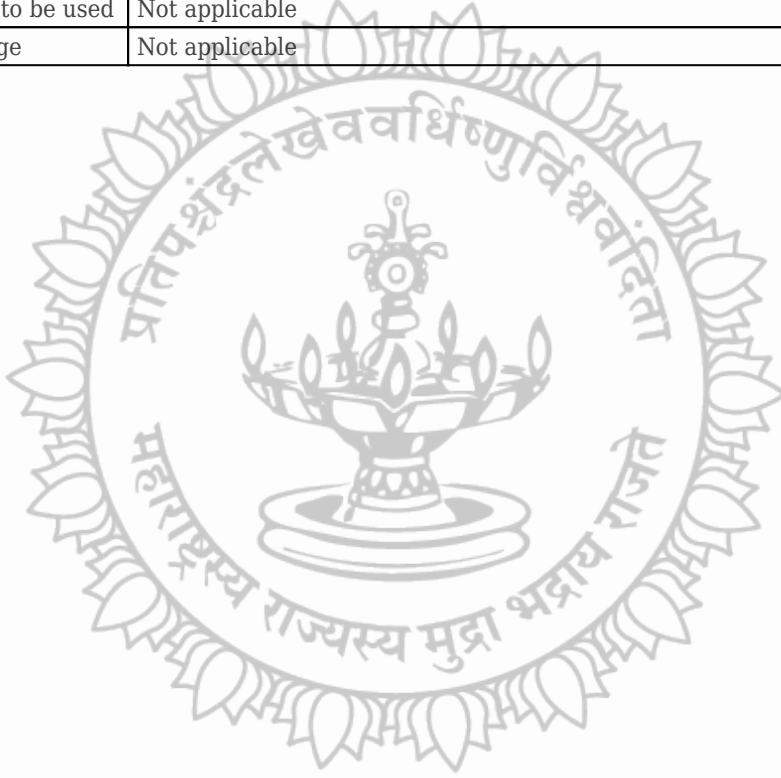
## 28.Solid waste Management

<b>Waste generation in the Pre Construction and Construction phase:</b>	<b>Waste generation:</b>	50kg/day Municipal solid
	<b>Disposal of the construction waste debris:</b>	Not applicable
<b>Waste generation in the operation Phase:</b>	<b>Dry waste:</b>	390.2 kg/day
	<b>Wet waste:</b>	719.5 kg/day
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Mode of Disposal of waste:</b>	<b>Dry waste:</b>	Dry garbage will be further segregated in to recyclable and non-recyclable and will be handed over to authorized recyclers
	<b>Wet waste:</b>	The bio-degradable waste will be converted to compost by using Organic Waste Converter and In-vessel Composting units are used as curing units
	<b>Hazardous waste:</b>	NA
	<b>Biomedical waste (If applicable):</b>	NA
	<b>STP Sludge (Dry sludge):</b>	NA
	<b>Others if any:</b>	NA
<b>Area requirement:</b>	<b>Location(s):</b>	Basement 3 of Building 1
	<b>Area for the storage of waste &amp; other material:</b>	approx. 60 m2 area
	<b>Area for machinery:</b>	approx. 60 m2 area including machinery
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	<b>Capital cost:</b>	10.07 Lakh
	<b>O &amp; M cost:</b>	2.11 Lakh

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## 29. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):		Not applicable			
Capacity of the ETP:		Not applicable			
Amount of treated effluent recycled :		Not applicable			
Amount of water sent to the CETP:		Not applicable			
Membership of CETP (if require):		Not applicable			
Note on ETP technology to be used		Not applicable			
Disposal of the ETP sludge		Not applicable			



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	Not applicable	Not applicable	Not applicable	Not applicable			
Source of Fuel		Not applicable					
Mode of Transportation of fuel to site		Not applicable					
33.Energy							
<b>Power requirement:</b>	Source of power supply :	BEST ( Brihan Mumbai Electric Supply Undertaking & Transport)					
	During Construction Phase: (Demand Load)	330 KW					
	DG set as Power back-up during construction phase	Building 1 - 2x 625 KVA and Building 2 - 1x 200 KVA					
	During Operation phase (Connected load):	3587 KW					
	During Operation phase (Demand load):	2943 KVA					
	Transformer:	NA					
	DG set as Power back-up during operation phase:	Building 1 - 2x 625 KVA and Building 2 - 1x 200 KVA					
	Fuel used:	High speed diesel					
	Details of high tension line passing through the plot if any:	NA					
34.Energy saving by non-conventional method:							
Total energy saving by use of renewable energy saving measures: 3.23%							
36.Detail calculations & % of saving:							
Serial Number	Energy Conservation Measures				Saving %		
1	Energy saving through conventional energy saving systems				10.31%		
2	Energy savings through renewable energy saving systems				3.23%		
37.Details of pollution control Systems							
Source	Existing pollution control system			Proposed to be installed			
Not applicable	Not applicable			Not applicable			
<b>Budgetary allocation (Capital cost and O&amp;M cost):</b>	Capital cost:	9 Lakhs					
	O & M cost:	1.5 Lakhs					

### 38.Environmental Management plan Budgetary Allocation

#### a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Dust suppression measures and barricading	Erosion control	3.5
2	Supply of Personal Protective Equipments	site safety	4.6
3	Facility of Bio-toilets, basins	site sanitation	3
4	Health check-ups on regular intervals	Disinfection and health check-up	3
5	Air, water, soil and noise monitoring	Environmental monitoring	6.5

#### b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	STP	waste water treatment	18.55	3.89
2	MSW	Organic waste converter and In-vessel composter as curing units for solid waste	10.07	2.11
3	RWH	RWH tank	4.58	0.50
4	Landscaping	maintenance of garden area	9.27	1
5	DMP	Disaster management plan for natural and man-made disaster	911	182

### 39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 40.Any Other Information

No Information Available

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	<b>CRZ/ RRZ clearance obtain, if any:</b>	Not applicable
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Not applicable
	<b>Category as per schedule of EIA Notification sheet</b>	category 8(a)- B2
	<b>Court cases pending if any</b>	NA
	<b>Other Relevant Informations</b>	NA
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

**3. The proposal has been considered by SEIAA in its 137th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:**

**Specific Conditions:**

<b>I</b>	PP to submit IOD/IOA/Concession Document/Plan Approval or any other form of documents as applicable clarifying its conformity with local planning rules and provisions there under as per the Circular dated 30.01.2014 issued by the Environment Department, Govt. of Maharashtra.
<b>II</b>	PP to obtain and submit HRC NOC for wing B (Sale).
<b>III</b>	PP to provide Common entry for rehab and sale shall be maintained for fire tender access.
<b>IV</b>	On the basis of IOD received, SEIAA decided to grant EC for: FSI area : 8300.50 m2, Non FSI area : 10751.00 m2 and Total BUA : 19051.05 m2.

**General Conditions:**

<b>I</b>	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
<b>II</b>	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
<b>III</b>	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
<b>IV</b>	PP has to abide by the conditions stipulated by SEAC & SEIAA.
<b>V</b>	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
<b>VI</b>	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.
<b>VII</b>	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
<b>VIII</b>	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
<b>IX</b>	The solid waste generated should be properly collected and segregated. dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
<b>X</b>	Disposal of muck during construction phase should not create any adverse effect on the neighboring 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.
<b>XI</b>	Arrangement shall be made that waste water and storm water do not get mixed.
<b>XII</b>	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
<b>XIII</b>	Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.

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XIV	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
XV	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
XVI	Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the ground water.
XVII	Any hazardous waste generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
XVIII	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
XIX	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
XX	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 and should be operated only during non-peak hours.
XXI	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.
XXII	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100Km of Thermal Power Stations).
XXIII	Ready mixed concrete must be used in building construction.
XXIV	Storm water control and its re-use as per CGWB and BIS standards for various applications.
XXV	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
XXVI	The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
XXVII	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.
XXVIII	Permission to draw ground water and construction of basement if any shall be obtained from the competent Authority prior to construction/operation of the project.
XXIX	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
XXX	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
XXXI	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.
XXXII	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
XXXIII	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.
XXXIV	Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.
XXXV	Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
XXXVI	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
XXXVII	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
XXXVIII	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXIX	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.

<b>XL</b>	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.
<b>XLI</b>	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
<b>XLII</b>	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.
<b>XLIII</b>	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening. And, no wet garbage will be disposed outside the premises. Local authority should ensure this.
<b>XLIV</b>	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
<b>XLV</b>	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
<b>XLVI</b>	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
<b>XLVII</b>	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
<b>XLVIII</b>	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the MPCB & this department.
<b>XLIX</b>	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <a href="http://ec.maharashtra.gov.in">http://ec.maharashtra.gov.in</a> .
<b>L</b>	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
<b>LI</b>	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation 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.
<b>LII</b>	The proponent shall upload the status of compliance of the stipulated EC 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, 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 sector 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.
<b>LIII</b>	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
<b>LIV</b>	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned 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 by e-mail.

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4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.



Shri. Anil Diggikar (Member Secretary SEIAA)

**Copy to:**

1. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. MUNICIPAL COMMISSIONER MUMBAI
6. MUNICIPAL COMMISSIONER NAVI MUMBAI
7. REGIONAL OFFICE MPCB MUMBAI
8. REGIONAL OFFICE MPCB NAVI MUMBAI
9. REGIONAL OFFICE MIDC ANDHERI
10. REGIONAL OFFICE MIDC KOPER KHAIRANE NAVI MUMBAI
11. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
12. COLLECTOR OFFICE MUMBAI
13. COLLECTOR OFFICE MUMBAI SUB-URBAN

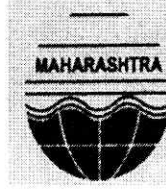
Government of  
Maharashtra

Annexure II

Copy of Consent to Establish

# MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781  
/4037124/4035273  
Fax : 24044532/4024068 /4023516  
Email : rohq@mpcb.gov.in  
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion- Matunga  
Scheme Road No. 8, Opp. Cine Planet Cinema, Near  
Sion Circle, Sion (E),  
Mumbai - 400022

Infrastructure /Orange/LSI

Consent No: Format1.0/BO/JD(WPC)/UAN-53290/CE/CC-190300(03)

Date-18/03/2019

To,

M/s. Krishvi Tower.,

Plot bearing CS No. 2243,2244,2245,2246,2247,2248 1-5/2249,

2250,2251,2252,2253,2254,2255&2257, Charni Road,

Fanaswadi, Mumbai.

Subject: Consent to Establish for High rise Residential building Project in Orange Category.

Ref : 1. Minutes of Consent Committee meeting held on 15/02/2019.

2. Your application UAN No.0000053290 Dated: 26/06/2018.

For: Consent to Establish for High rise Residential building Project in Orange Category.

under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the Hazardous and Other Wastes (M & T M) Rules, 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. The consent is granted for a period up to commissioning of the project or of 5 years whichever is earlier.
2. The proposed capital investment of the project is Rs. 200 Crs. (As per C.A certificate submitted by project proponent)

The Consent to Establish is valid for construction of High rise Residential building Project named as M/s. Krishvi Tower, Plot bearing CS No. 2243,2244,2245,2246,2247,2248 1-5/2249,2250,2251,2252,2253,2254,2255&2257, Charni Road, Fanaswadi, Mumbai, For total plot area of 5986.30 Sq. Mtrs and total construction build up area 64458.89 Sq. Mtrs (including utilities and services as per construction commencement certificate issued by local body.

### 3. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1	Trade effluent	NIL	NA	NA
2	Domestic effluent	274.0	As per Schedule -I	60%should be reused &recycled and remaining should be discharged in municipal sewer

4. Conditions under Air (P& CP) Act, 1981 for air emissions:

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1	3 Nos of DG Sets	625 KVA x 2 Nos & 200 KVA x 1 No.	3	As Per Schedule -II

5. Conditions under Solid Waste Management Rules, 2016:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet garbage	719.5 Kg/Day	OWC	Used as Manure
2	Dry garbage	390.2 Kg/Day	-	Segregate and Hand over to Local Body for recycling

6. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.

7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.

8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.

9. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.

10. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.

11. Project Proponent shall install online monitoring systems for BOD, TSS and flow at the outlet of STP.

12. Project Proponent shall provide Organic waste digester with composting facility or Biogas digester with composting facility.

13. The applicant should comply with the conditions stipulated in Environmental clearance obtained from SEIAA GoM dtd. 18/12/2018 for Total Plot area 5986.30 Sqm, Total construction BUA: 64,458.89 Sqm.

For and on behalf of the  
Maharashtra Pollution Control Board

(E. Ravendiran, IAS)  
Member Secretary

Received Consent fee of -

Sr. No.	Amount (Rs.)	DD. No.	Date	TXN Type
1	2,00,000	NAXG6553516058	06/08/2018	Online

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai-I. - They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updating purposes.

### Schedule-I

#### **Terms & conditions for compliance of Water Pollution Control:**

- 1) A] As per your application, you have proposed to install of Sewage Treatment Plants (STP) with the design capacity of **300 CMD** based on MBBR Technology.
- B] The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board Limiting Concentration in mg/l, except for PH
1	BOD (3 days 27°C )	10
2	Suspended Solids	50
3	COD	100

C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.

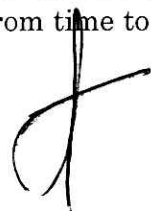
D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

The Board reserves its rights to review plans, Specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant should obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto

- 2) The industry should ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 3) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1	Domestic purpose	306.0

- 4) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time.



## Schedule-II

### Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S%	SO <sub>2</sub>
1	DG Sets 625 KVA x 2 Nos & 200 KVA x 1 No	Acoustic enclosure	5.0	HSD	40.50	Lit/Hr	1	19.44

\* Above roof of the building in which it is installed.

2. The applicant should operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards.

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup> .
--------------------	---------------	--------------------------

3. The Applicant should obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.

The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary)



**Schedule-III**  
**Details of Bank Guarantees**

<b>Sr. No.</b>	<b>Consent (C to E/O/R)</b>	<b>Amt of BG Imposed</b>	<b>Submission Period</b>	<b>Purpose of BG</b>	<b>Compliance Period</b>	<b>Validity Date</b>
1	Consent to Establish	Rs. 10 Lakhs	15 Days	Towards Compliance of Environmental Clearance & Consent conditions.	Up to Commissioning of the project	COU or Five years

  
Maharashtra Pollution Control Board

## Schedule-IV

### General Conditions:

**The following general conditions shall apply as per the type of the industry.**

- 1) The applicant shall provide facility for collection of samples of sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2) The firm shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and environmental protection Act 1986 and Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016.
- 3) Drainage system shall be provided for collection of sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No sewage shall be admitted in the pipes/sewers downstream of the terminal manholes. No sewage shall find its way other than in designed and provided collection system.
- 4) Vehicles hired for bringing construction material to the site should be in good condition and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- 5) Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
  - d) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - e) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - f) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - g) D.G. Set shall be operated only in case of power failure.
  - h) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - i) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel.
- 6) Solid Waste – The applicant shall provide onsite municipal solid waste processing system & shall comply with Solid Waste Management Rules, 2016 & E-Waste (M) Rules, 2016.
- 7) Affidavit undertaking in respect of no change in the status of consent conditions and compliance of the consent conditions the draft can be downloaded from the official web site of the MPCB.
- 8) The treated sewage shall be disinfected using suitable disinfection method.
- 9) The firm shall submit to this office, the 30th day of September every year, the environment statement report for the financial year ending 31st march in the prescribed Form-V as per the provision of rule 14 of the Environmental (Protection) Second Amended rule 1992.
- 10) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**





Annexure III  
Copy of Monitoring Reports

## TEST REPORT

**ISSUED TO: M/s. SHAGUN BLUEKEY REALTY**  
For Your Project : "Krishvi Tower Residential Project"  
Bhuleshwar Division, Sitaram Poddar Marg Charni Road  
Fanaswadi, Mumbai

**REPORT NO.** : UT/ELS/REPORT/C-135/11-2022  
**ISSUE DATE** : 15/11/2022  
**YOUR REF.** : LOI  
**REF. DATE** : 01/11/2022

### SAMPLE PARTICULARS :

**Sampling Plan Ref. No.:** : C-24/05-2022  
**Sample Registration Date** : 10/05/2022  
**Date of Sampling** : 09/05/2022  
**Time of Sampling** : 09:30 Hrs. to 17:30 Hrs.  
**Analysis Starting Date** : 10/05/2022  
**Analysis Completion Date** : 12/05/2022  
**Sample Lab Code** : UT/ELS/C-161/05-2022  
**Ambient Air Temperature** : 28.2°C to 34.2°C

### AMBIENT AIR QUALITY MONITORING

**Location Code** : 01  
**Sample Location** : Near Entry Gate  
Coordinates: N18°57'08.80"; E72°49'29.89"  
**Collected By** : ULTRA TECH  
**Height of Sampler** : 1.0 Meter  
**Sampling Duration** : 8 Hours  
**Relative Humidity** : 52.0% to 64.0%

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 02) : 2001	22	µg/m <sup>3</sup>
2.	Oxides of Nitrogen (NO <sub>x</sub> )	IS 5182 (Part 06) : 2006	31	µg/m <sup>3</sup>
3.	Particulate Matter (PM <sub>10</sub> )	EPA/625/R-96/010a Method IO-2.1	75	µg/m <sup>3</sup>
4.	Particulate Matter (PM <sub>2.5</sub> )	CPCB Guidelines, Vol-I, NAAQMS/36/2012-13	30	µg/m <sup>3</sup>
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10): 1999	1.3	mg/m <sup>3</sup>

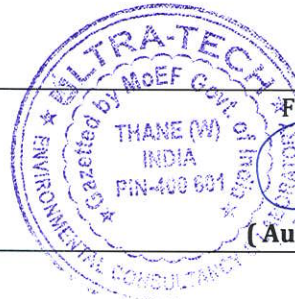
†: Sampling Period 1 Hr.

**Opinions / Interpretations:** National Ambient Air Quality Monitoring Standard, Part III- Section IV is provided as Annexure-I for your reference.  
(Turnover to find Annexure)..

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make - Polltech; Model - PEM-RDS 8NL; Sr. No. 3213	Valid up to - 05/01/2023
Fine Dust Sampler	Make - Netel, Model - NPM FDS2.5/10µ (A); Sr. No. 222	Valid up to - 27/09/2022	

- Note:**
1. This test report refers only to the sample tested.
  2. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.
  3. This test report may not be reproduced in part, without the permission of this laboratory.
  4. Any correction invalidates this test report.
  5. Weather was Sunny during sampling period.

- END OF REPORT -



For ULTRA TECH,

(Authorized Signatory)

## ANNEXURE-I

**NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV**  
**The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931**

Sr. No.	Pollutants	Time Weighted Average	National Ambient Air Quality Standards	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	Annual*	50	20
		24 Hours**	80	80
02.	Oxides of Nitrogen (NO <sub>x</sub> ), µg/m <sup>3</sup>	Annual*	40	30
		24 Hours**	80	80
03.	Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	Annual*	60	60
		24 Hours**	100	100
04.	Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	Annual*	40	40
		24 Hours**	60	60
05.	Carbon Monoxide (CO), mg/m <sup>3</sup>	08 Hours*	02	02
		01 Hours**	04	04

\* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

\*\* 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

**NOTE:** Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further

## TEST REPORT

**ISSUED TO: M/s. SHAGUN BLUEKEY REALTY**  
For Your Project : "Krishvi Tower Residential Project"  
Bhuleshwar Division, Sitaram Poddar Marg Charni Road  
Fanaswadi, Mumbai

**REPORT NO.** : UT/ELS/REPORT/C-136/11-2022  
**ISSUE DATE** : 15/11/2022  
**YOUR REF.** : LOI  
**REF. DATE** : 01/11/2022

### SAMPLE PARTICULARS :

**Sampling Plan Ref. No.:** : C-24/05-2022  
**Sample Registration Date** : 10/05/2022  
**Date of Sampling** : 09/05/2022 to 10/05/2022  
**Time of Sampling** : 18:00 Hrs. to 02:00 Hrs.  
**Analysis Starting Date** : 10/05/2022  
**Analysis Completion Date** : 12/05/2022  
**Sample Lab Code** : UT/ELS/C-162/05-2022  
**Ambient Air Temperature** : 27.8°C to 33.1°C

### AMBIENT AIR QUALITY MONITORING

**Location Code** : 02  
**Sample Location** : At Project Site  
Coordinates: N18°57'08.34"; E72°49'34.51"  
**Collected By** : ULTRA TECH  
**Height of Sampler** : 1.0 Meter  
**Sampling Duration** : 8 Hours  
**Relative Humidit** : 52.0% to 64.0%

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Sulphur Dioxide (SO <sub>2</sub> )	IS 5182 (Part 02) : 2001	24	µg/m <sup>3</sup>
2.	Oxides of Nitrogen (NO <sub>x</sub> )	IS 5182 (Part 06) : 2006	32	µg/m <sup>3</sup>
3.	Particulate Matter (PM <sub>10</sub> )	EPA/625/R-96/010a Method IO-2.1	77	µg/m <sup>3</sup>
4.	Particulate Matter (PM <sub>2.5</sub> )	CPCB Guidelines, Vol-I, NAAQMS/36/2012-13	31	µg/m <sup>3</sup>
5.	Carbon Monoxide (CO) †	IS 5182 (Part 10): 1999	1.5	mg/m <sup>3</sup>

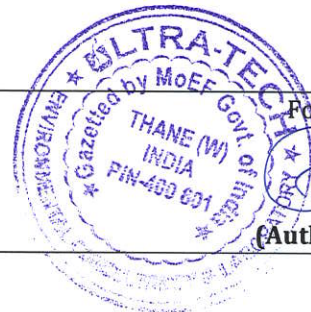
†: Sampling Period 1 Hr.

**Opinions / Interpretations:** National Ambient Air Quality Monitoring Standard, Part III- Section IV is provided as Annexure-I for your reference.  
(Turnover to find Annexure)..

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Respirable Dust Sampler	Make - Polltech; Model - PEM-RDS 8NL; Sr. No .3213	Valid up to - 05/01/2023
Fine Dust Sampler	Make - Netel, Model - NPM FDS2.5/10µ (A); Sr. No. 222	Valid up to - 27/09/2022	

- Note:**
1. This test report refers only to the sample tested.
  2. Monitoring area coming under Residential areas and observed values are relevant to sample collected only.
  3. This test report may not be reproduced in part, without the permission of this laboratory.
  4. Any correction invalidates this test report.
  5. Weather was Clear during sampling period.

**- END OF REPORT -**



For ULTRA TECH,

(Authorized Signatory)

## **ANNEXURE-I**

**NATIONAL AMBIENT AIR QUALITY STANDARDS, PART III-SECTION IV**  
**The Gazette of India with Effect from Wednesday, November 18, 2009/KARTIKA 27, 1931**

Sr. No.	Pollutants	Time Weighted Average	National Ambient Air Quality Standards	
			Industrial, Residential, Rural and Other Area	Ecological Sensitive Area (Notified by Central Government)
01.	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	Annual*	50	20
		24 Hours**	80	80
02.	Oxides of Nitrogen (NO <sub>x</sub> ), µg/m <sup>3</sup>	Annual*	40	30
		24 Hours**	80	80
03.	Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	Annual*	60	60
		24 Hours**	100	100
04.	Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	Annual*	40	40
		24 Hours**	60	60
05.	Carbon Monoxide (CO), mg/m <sup>3</sup>	08 Hours*	02	02
		01 Hours**	04	04

\* Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

\*\* 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

**NOTE:** Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further

## TEST REPORT

**ISSUED TO: M/s. SHAGUN BLUEKEY REALTY**  
For Your Project : "Krishvi Tower Residential Project"  
Bhuleshwar Division, Sitaram Poddar Marg Charni Road  
Fanaswadi, Mumbai

**REPORT NO. :** UT/ELS/REPORT/C-137/11-2022  
**ISSUE DATE :** 15/11/2022  
**YOUR REF. :** LOI  
**REF. DATE :** 01/11/2022

**SAMPLE PARTICULARS :** **NOISE LEVEL QUALITY MONITORING**  
**Sampling Plan Ref. No. :** C-24/05-2022  
**Date of Monitoring :** 09/05/2022 to 10/05/2022  
**Sample Lab Code :** UT/ELS/C-163/05-2022  
**Survey Done By :** ULTRA TECH

Sr. No.	Location	Noise Level Reading in dB(A)			
		Time (Hrs)	Day dB(A)	Time (Hrs)	Night dB(A)
1.	Near Entry Gate	12:00 to 12:05	54.1	00:00 to 00:05	44.2
2.	Near Construction Activity	12:10 to 12:15	53.6	00:10 to 00:15	43.9


**Opinions / Interpretations:** *The Noise Pollution (Regulation And Control) Rules, 2000: Is Provided as Annexure II for Your Reference. (Turnover to find Annexure).*

**Note:** 1. Monitoring area coming under Residential Area.  
2. Noise level monitored is an average for period as stated above, the permissible sound pressure level is to be determined with respect to the total time a workman is being exposed (continuously or a number of short term exposures per day) in Hrs.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Sound Level Meter	Make - Casella; Model - CEL-633C; Sr. no. 2382959	Valid up to - 10/12/2022

**Note:** 1. This test report refers only to the monitoring conducted.  
2. This test report may not be reproduced in part, without the permission of this laboratory.  
3. Any correction invalidates this test report.

**- END OF REPORT -**

For ULTRA TECH,  
  
**(Authorized Signatory)**



## **ANNEXURE-II**

### **THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000**

*(The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.2.2000 and subsequently amended vide S.O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.2002, S.O. 1569 (E), dated 19.09.2006 and S.O. 50 (E) dated 11.01.2010 under the Environment (Protection) Act, 1986.)*

#### **• SCHEDULE**

(See rule 3(1) and 4(1))

Ambient Air Quality Standards in respect of Noise

Area Code	Category of Area / Zone	Limits in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

- Note:
1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
  2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
  3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
  4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

\* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.

A "decibel" is a unit in which noise is measured.

"A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.

#### **• CONSTRUCTION ACTIVITIES**

The maximum noise levels near the construction site should be limited to 75 dB(A) Leq(5 min.) in industrial areas and to 65 dB(A) Leq(5 min.) in other areas.

#### **• THE PERMISSIBLE LEVELS FOR NOISE EXPOSURE FOR WORK ZONE**

(The Model Rules Of The Factories Act, 1948)

Peak sound pressure level in dB	Permitted number of impulses or impact/day
140	100
135	315
130	1000
125	3160
120	10000

- Notes:
1. No exposure in excess of 140 dB peak sound pressure level is permitted.
  2. For any peak sound pressure level falling in between any figure and the next higher or lower figure as indicated in column 1, the permitted number of impulses or impacts per day is to be determined by extrapolation on a proportionate basis.

Total time exposure (continuous or a number of short term exposures per day) in Hrs	Sound Pressure Level in dB(A)
8	90
4	93
2	96
1	99
1/2	102
1/8	108
1/16	111
1/32 (2 minutes) or less	114

- Notes:
1. No exposure in excess of 115 dB(A) is to be permitted.
  2. For any period of exposure falling in between any figure and the next higher or lower figure as indicated in column 1, the permissible sound pressure level is to be determined by extrapolation on a proportionate basis.

## TEST REPORT

**ISSUED TO: M/s. SHAGUN BLUEKEY REALTY**  
 For Your Project : "Krishvi Tower Residential Project"  
 Bhuleshwar Division, Sitaram Poddar Marg Charni Road  
 Fanaswadi, Mumbai

**REPORT NO. :** UT/ELS/REPORT/C-138/11-2022  
**ISSUE DATE :** 15/11/2022  
**YOUR REF. :** LOI  
**REF. DATE :** 01/11/2022

<b>SAMPLE PARTICULARS :</b>	<b>WATER SAMPLE ANALYSIS</b>
<b>Sampling Plan Ref. No. :</b> C-24/05-2022	<b>Sample Type :</b> Drinking Water
<b>Sample Registration Date :</b> 10/05/2022	<b>Sample Location :</b> AT Project Site
<b>Date &amp; Time of Sampling :</b> 09/05/2022 at 17:00Hrs	
<b>Analysis Starting Date :</b> 10/05/2022	
<b>Analysis Completion Date :</b> 17/05/2022	<b>Sample Quantity &amp; Packing Details :</b> 2 L in Plastic Container and 100ml in Sterile Corning Bottle.
<b>Sample Collected By :</b> ULTRA TECH	
<b>Sample Lab Code :</b> UT/ELS/C-164/05-2022	

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits [IS 10500 : 2012]
<b>PHYSICAL PARAMETERS:-</b>					
1.	Turbidity	IS 3025 (Part 10) 1984	BDL[DL=0.1]	NTU	1
<b>CHEMICAL PARAMETERS:-</b>					
2.	pH	IS 3025 (Part 11) 1983	7.4	-	6.5 - 8.5
3.	Electrical Conductivity	IS 3025 (Part 14) 1984	172	µS/cm	-
4.	Total Dissolved Solids	IS 3025 (Part 16) 1984	112	mg/L	500
5.	Total Hardness as CaCO <sub>3</sub>	IS 3025 (Part 21) 2009	68	mg/L	200
6.	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23) 1986	60	mg/L	200
7.	Phenolphthalein Alkalinity as CaCO <sub>3</sub>	IS 3025 (Part 23) 1986	BDL[DL=1]	mg/L	--
8.	Sulphate as SO <sub>4</sub> <sup>2-</sup>	APHA 23 <sup>rd</sup> Ed. 4500-SO <sub>4</sub> <sup>2-</sup> E	15	mg/L	200
9.	Phosphate as PO <sub>4</sub> <sup>3-</sup> -P	APHA 23 <sup>rd</sup> Ed. 4500 P D E	BDL[DL=0.01]	mg/L	--
10.	Chlorides as Cl <sup>-</sup>	IS 3025 (Part 32) 1988	22	mg/L	250
11.	Ammonical Nitrogen as NH <sub>3</sub> -N	APHA 23 <sup>rd</sup> Ed. 4500- NH <sub>3</sub> -F	BDL [DL=0.01]	mg/L	0.5
12.	Nitrates as NO <sub>3</sub> <sup>-</sup> -N	IS 3025 (Part 34) 1988	0.6	mg/L	45
13.	Calcium Hardness as CaCO <sub>3</sub>	IS 3025 (Part 40) 1991	38	mg/L	--
14.	Calcium as Ca	IS 3025 (Part 40) 1991	15	mg/L	75
15.	Potassium as K	IS 3025 (Part 45) 1993	1.6	mg/L	--
16.	Sodium as Na	IS 3025 (Part 45) 1993	13	mg/L	--
17.	Magnesium as Mg	IS 3025 (Part 46) 1994	7	mg/L	30
18.	Lead as Pb	IS 3025 (Part 47) 1994	BDL [DL=0.6]	mg/L	0.01
19.	Iron as Fe	IS 3025 (Part 53) 2003	BDL [DL=0.06]	mg/L	0.3
20.	Fluoride as F <sup>-</sup>	APHA 23 <sup>rd</sup> Ed. 4500-F B,D	BDL[DL=0.2]	mg/L	1.0
<b>BACTERIOLOGICAL PARAMETERS:</b>					
21.	Total Coliform	IS 1622 : 1981	BDL[DL=2]	MPN/100 ml	0
22.	F.Coli	IS 1622 : 1981	BDL[DL=2]	MPN/100 ml	0
23.	E.Coli	IS 1622 : 1981	Absent	-	Absent

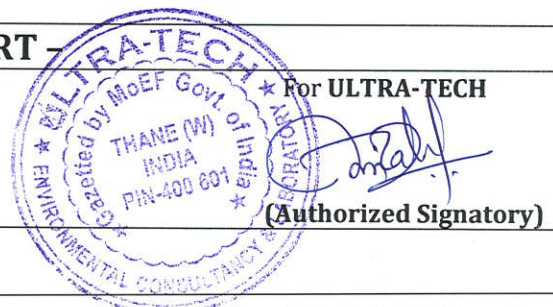
DL - Detection Limit

BDL - Below Detection Limit

**Opinions / Interpretations:** The given sample confirms with standard specifications as per IS 10500:2012 for above analyzed parameters.

- Note:**
1. This test report refers only to the sample tested.
  2. This test report may not be reproduced in part, without the permission of this laboratory.
  3. Any correction invalidates this test report.

**- END OF REPORT -**





## TEST REPORT

**ISSUED TO: M/s. SHAGUN BLUEKEY REALTY**  
For Your Project : "Krishvi Tower Residential Project"  
Bhuleshwar Division, Sitaram Poddar Marg Charni Road  
Fanaswadi, Mumbai

**REPORT NO.** : UT/ELS/REPORT/C-139/11-2022  
**ISSUE DATE** : 15/11/2022  
**YOUR REF.** : LOI  
**REF. DATE** : 01/11/2022

### SAMPLE PARTICULARS

**Sampling Plan Ref. No.** : C-24/05-2022  
**Sample Registration Date** : 10/05/2022  
**Date & Time of Sampling** : 09/05/2022 at 17:30 Hrs  
**Analysis Starting Date** : 10/05/2022  
**Analysis Completion Date** : 17/05/2022  
**Sample Collected By** : ULTRA TECH  
**Sample Lab Code** : UT/ELS/C-165/05-2022

### SOIL QUALITY MONITORING

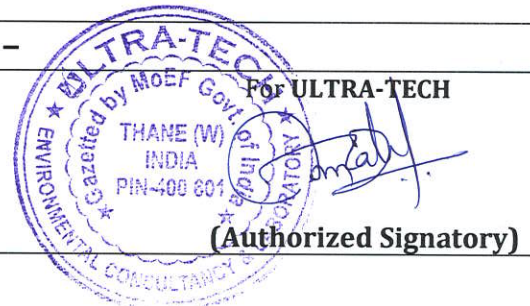
**Sample Type** : Surface Soil (at 15cm depth)  
**Sample Location** : At Project Site  
**Sample Quantity & Packing Details** : 1kg In Plastic Bag Contained in Zip Lock Bag

Sr. No.	Test Parameter	Test Methods	Test Result	Unit
1.	Colour	-	Brown	-
2.	Moisture Content	IS:2720 (Part 2) : 1973	4.6	%
3.	Bulk Density	UT/LQMS/SOP/S03	1149	kg/m <sup>3</sup>
4.	Organic Matter	IS:2720 (Part 22) : 1972	0.9	%
5.	Total Organic Carbon	IS:2720 (Part 22) : 1972	0.5	%
6.	pH	IS:2720 (Part 26) : 1987	7.8	-
7.	Conductivity(1:2soil:Water Extract)	IS:14767- 2000	0.448	mS/cm
8.	Sodium as Na (Water Extractable)	UT/LQMS/SOP/S19	99	mg/kg
9.	Magnesium as Mg (Water Extractable)	UT/LQMS/SOP/S22	101	mg/kg
10.	Chlorides as Cl <sup>-</sup> (Water Extractable)	UT/LQMS/SOP/S23	137	mg/kg
11.	Sulphate as SO <sub>4</sub> <sup>2-</sup> (Water Extractable)	UT/LQMS/SOP/S24	112	mg/kg
12.	Sodium Adsorption Ratio	UT/LQMS/SOP/S26	1.0	(meq/kg) <sup>1/2</sup>
13.	Cation Exchange Capacity	UT/LQMS/SOP/S18	24.7	meq/100g
14.	Water Holding Capacity	UT/LQMS/SOP/S12	55.1	%
15.	Available Boron as B (Available)	UT/LQMS/SOP/S27	0.9	mg/kg
16.	Phosphorous as P <sub>2</sub> O <sub>5</sub> (Available)	UT/LQMS/SOP/S28	63	kg/ha
17.	Potassium as K <sub>2</sub> O (Available)	UT/LQMS/SOP/S29	221	kg/ha
18.	Nitrogen as N (Available)	UT/LQMS/SOP/S30	168	Kg/ha
19.	Iron as Fe	UT/LQMS/SOP/S35 & S37	78241	mg/kg
20.	Zinc as Zn	UT/LQMS/SOP/S35 & S37	86	mg/kg

**Opinions / Interpretations:** NIL

**Note:**  
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- END OF REPORT -

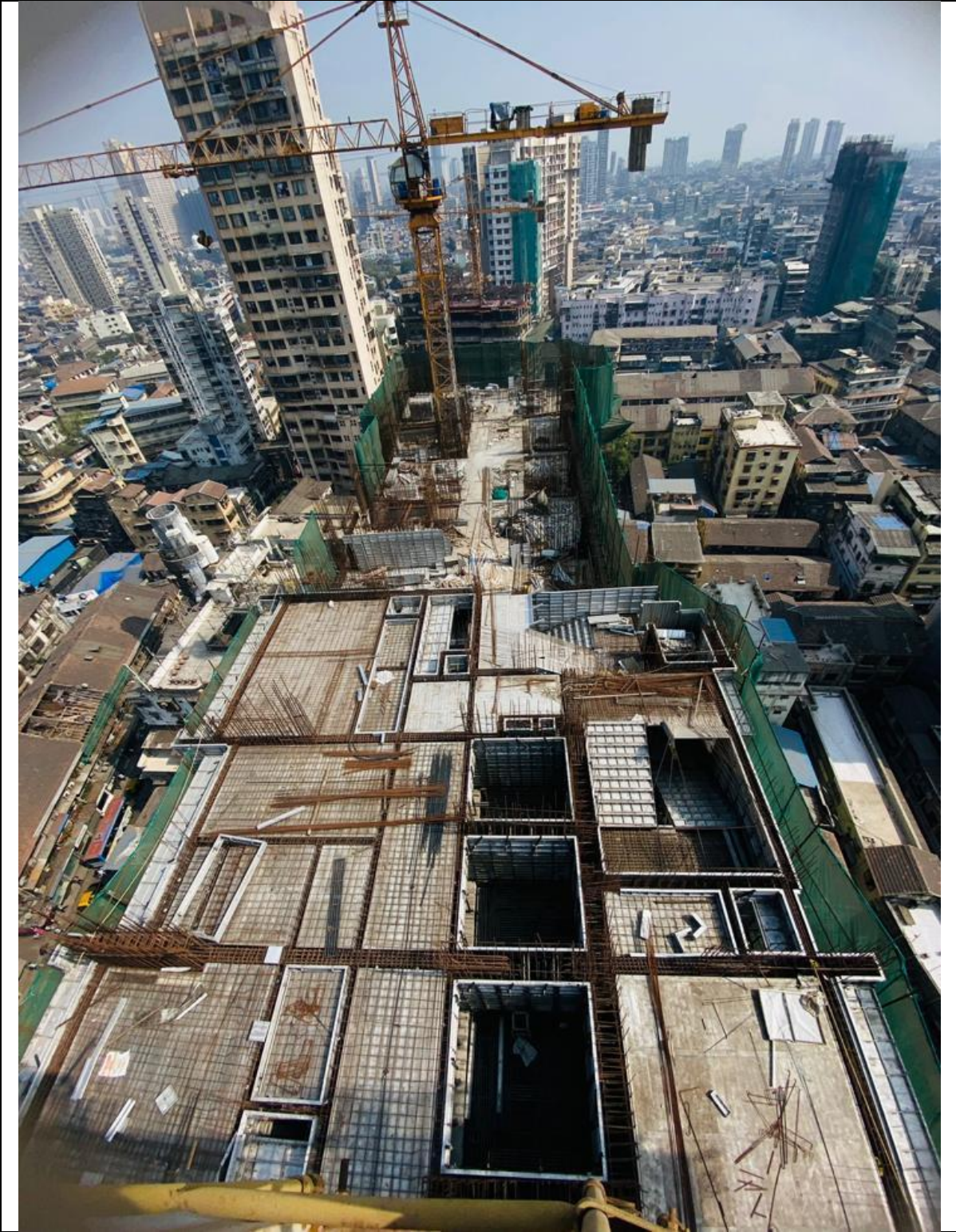


Annexure IV

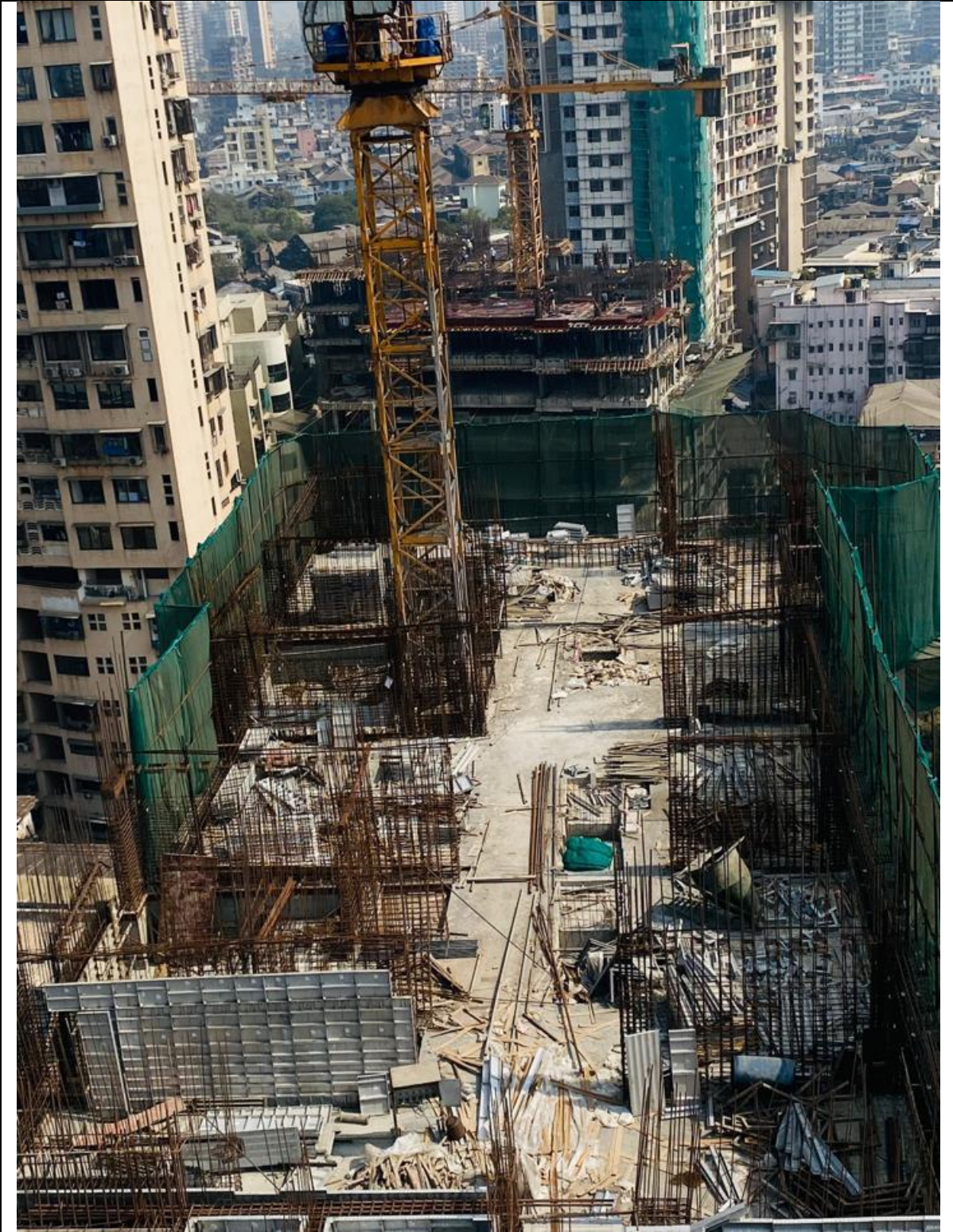
Site photo



Project site



Project site



Project site

Annexure V

Paper advertisement

**वृत्तशक्ति**  
मुंबई, रविवार, २३ सप्टेंबर २०१८

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**PUBLIC NOTICE**

Our proposed project "Krishvi Towers" located on land bearing C. S. No. 2255, 2254, 2253, 2243, 2244, 2245, 2246, 1/2249, 2/2249, 3/2249, 4/2249, 5/2249, 2247, 2248, 2250, 2251, 2252 and 2257 of Bhuleshwar Division situated at Sitaram Poddar Marg, Charni Road, Fanaswadi, Mumbai - 400 002 was accorded the Environmental Clearance from the State Level Environment Assessment Authority (SEIAA), Environment Department, Govt. of Maharashtra on 16th September, 2018. The copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at website at <http://ec.maharashtra.gov.in>.

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