



TO WHOMSOEVER IT MAY CONCERN

This is to certify that we agreed to comply with the following environmental conditions

No.	Condition	Status
1	<p>This environmental clearance is issued subject to following general conditions which have to be addressed by MMRDA, Local planning authority & project proponent.</p> <ul style="list-style-type: none">▪ The project proponent take up construction as indicated in Para 2. The balance construction (phase 2) may be taken up only after the work on the MMRDA project to lay sewer lines covering the project area is taken up.▪ As building with very high FSI proposed, local authority should ensure that regional plan / development plan take care of these high density pockets and if necessary recast these plans.▪ Operation & Maintenance: MMRDA should make arrangement to create dedicated corpus funds for each colony of rental housing scheme on organizational set-up along with the timely provision of adequate funds required to ensure satisfactory implementation of EMP of the rental housing component.▪ Sharing responsibilities : MMRDA should enter into legally binding agreement/issuing notification or Government resolution with all corresponding local authorities like CIDCO/Municipal corporation etc regarding provision of necessary services like roads, transport facilities, electrical supply, drinking water supply and essential social infrastructures like Hospital, Dispensaries, Schools and other educational institutions, parks, gardens etc. this also should clearly specify the responsibilities regarding municipal services like water supply scheme, closed sewer lines for discharge of excess treated effluent, waste disposal & treatment with appropriate treatment facilities, treatment & disposal facilities of MSW generated, street lights maintenance, health facilities, fire fighting, educational facilities, regulating construction activities, maintaining safety, health & inhabitants etc.▪ Time frame to develop above said infrastructure.▪ EIA of the entire area its effect on the infrastructure and take mitigation measures as per the studies.▪ Occupation of the premises should not be allowed prior to construction and completion of environmental infrastructure & Compliance of the above requisites.▪ Project proponent, MMRDA and local authority should ensure that work should not be initiated before	<p>Agreed to comply with. The Project is approved by Mumbai Metropolitan Region Development Authority (MMRDA) under LOI MMRDA/RHS- 24/09/190 dated 2nd March 2009.</p>

TATA HOUSING DEVELOPMENT COMPANY LTD.

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	compliance of written commitment on above said conditions to this department.	
2	As per SEAC recommendation, the project proponent should undertake that there will be no discharge of surplus treated effluent to any nala, stream or any other water body outside the project. The surplus effluent (after meeting the requirement for flushing etc.) should have to be used for taking up gardening and other green activities on the balance area of about 31 hectares. In order to take care of the surplus water during monsoon period, construction of interconnected ponds (adequately aerated) with capacity equal to at least 30day's surplus effluent should be carried out.	Noted
3	This environmental clearance is issued as per EIA notification, 2006. If any part of the plot affected by CRZ then project proponent should obtain NOC from MCZMA as per FSI applicability. If there is change in building plan accordingly, project proponent should approach SEIAA with corrected plans.	Agreed to comply with. A small portion of our plot is affected by CRZ and please note that we are neither developing nor we are loading any FSI of that portion in our development. Hence it is not a part of our rental housing scheme sanctioned by MMRDA the plot under consideration.
4	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. 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.	Agreed to comply with. <ul style="list-style-type: none"> • Provision of Sewage Treatment Plants Rental Phase 1: 2A Building Construction of STP of capacity 760 KL is completed and ready for operation Rental Phase 1: 2B Building RCC of STP of capacity 715 KL is completed and mechanical installation is under progress Sale: Phase 1 & 2 Construction of STP of capacity 1600 KL is completed and ready for operation <ul style="list-style-type: none"> • Provision of OWC For Biodegradable waste: Procurement of Organic waste converters is done Recyclable garbage: To recyclers Non-recyclable: To Group Grampanchayat Pimpalghar & Ranjanoli 1300 Sq. m. of RG area is already developed on site 491 nos. of trees are already planted
5	The height, construction built up area of proposed construction shall be in accordance with the existing	Agreed to comply with Height of the building will be as per the



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	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. ULB should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	approved building plan The land is under Urbanisable Zone (U1 zone) with Mumbai Metropolitan Region
6	Wet garbage should be treated by vermin composting 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.	Agreed to comply with. • Provision of OWC For Biodegradable waste: Procurement of Organic waste converters is done on site Recyclable garbage: To recyclers Non-recyclable: To Group Grampanchayat Pimpalghar & Ranjanoli
7	The diesel generator sets to be used during construction phase should be low sulfur diesel type and should confirm to Environmental (Protection) Rules, prescribed for air and noise emission standards.	Agreed to comply with. Use of 3 Nos. of DG sets of capacity 62.5 kVA, 125 kVA and 40 kVA during construction phase.
8	The installation of Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the ministry before the project is commissioned for operation. Treated effluent emanating from STP shall be recycled /refused to the maximum extent possible. Treatment of 100% gray water by decentralized treatment should be done. Discharge of unused treated affluent shall conform to the norms and standards of the Maharashtra Pollution Control Board. Necessary measures should be made to mitigate the odor problem from STP.	Agreed to comply with. Rental Phase 1: 2A Building Construction of STP of capacity 760 KL is completed and ready for operation Rental Phase 1: 2B Building RCC of STP of capacity 715 KL is completed Sale: Phase 1 & 2 Construction of STP of capacity 1600 KL is completed
9	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Agreed to comply with.
10	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.	Agreed to comply with.
11	The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	Construction Waste: Construction waste used for waterproofing work and paving & landscaping areas & for back filling. The total quantities of solid waste that will be generated in the project will be 13928 kg/day. Out of which 4197 kg/day will be non-biodegradable and 9731 kg/day will be biodegradable. Disposal of waste: • Non biodegradable: To Group Grampanchayat Pimpalghar & Ranjanoli



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		<ul style="list-style-type: none"> • Biodegradable: Organic Waste Converter (OWC)
12	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 window.	Agreed to comply with 6 mm clear float Glass: U-value: 3.8 w/m ² °C
13	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Agreed to comply with The roof shall be insulated so that there will not be direct heat gain due to sunlight Roof: U-value: 2.62 w/m ² °C
14	Energy conservation like installation of CLFs / TLFs for lighting the areas outside the building should be the integral part of the project design and should be in place before project commissioning. Use CLFs and TLFs 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.	Agreed to comply with Energy conservation measures is as follows: <ul style="list-style-type: none"> ➤ Provision of Solar Water Heating ➤ Use of High Efficiency Motors ➤ Provision of LED lights ➤ Using motors with VDF control
15	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 the 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 Sulfur Diesel. The location of DG sets may be decided within the consultation with Maharashtra Pollution Control Board.	Agreed to comply with
16	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 spaces should be utilized.	Internal road width of Minimum 9.0 m. to 18.0 m. Provision of sufficient parking area
17	Opaque wall should meet perspective requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air conditioned spaces while it is aspirational for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Agreed to comply with
18	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Agreed to comply with
19	In case of any change(s) in the scope of project, the project would require a fresh appraisal by this department.	Agreed to comply with
20	No land development/ construction work preliminary or	Agreed to comply with



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	otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.	
21	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 action initiated under EP act.	Agreed to comply with
22	In case of submission of false document and non compliance of stipulated conditions, authority/ environment department will revoke or suspend the environmental clearance without any intimation and initiate appropriate legal action under environmental protection act 1986.	Noted
23	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.	Agreed to comply with
24	Validity of environmental clearance: The environmental clearance accorded shall be valid for a period of 5 years.	Agreed to comply with As per MoEF & CC Notification dated 29.04.2015, validity of EC is 7 years.
25	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.	Agreed to comply with
26	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.	Agreed to comply with

For TATA Housing Development Co. Ltd.


Authorized signatory