

Consent

From: Consent
Sent: Tuesday, June 18, 2024 6:23 PM
To: 'sromumbai4@mpcb.gov.in'
Subject: Submission of Post Monitoring Report for the period of October, 2023 – March, 2024 for Construction of Residential project "Raheja Exotica" on village Erangal, Patilwadi Road, Malad(W), Mumbai.
Attachments: PMR-Exotica-Oct,23 -Mar,24.pdf

To,
The SRO Mumbai - IV ,
M.P.C.Board,
Kalapataru point, Sion (East),
Mumbai – 400 022.
Maharashtra

Subject: Submission of Post Monitoring Report for the period of October, 2023 – March, 2024 for Construction of Residential project "Raheja Exotica" on Plot Bearing CTS NO 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, village Erangal, Patilwadi Road, Malad(W), Mumbai.

Reference: **1. Clearance File No.: SEIAA-2019/CR-74/SEIAA dtd. 15.04.2019;**
2. Clearance File No.: SEIAA-EC-0000000394 Dtd 01.09.2018;
3. Clearance File No. SEAC-2015/CR-131/TC-1 Dtd. 21.06.2016;
4. Clearance File. No. SEAC-2010/CR/TC-2 dtd. 22.03.2013;
5. Clearance File No. 21-327/2007-IA.III dtd. 22.08.2007.

Dear Sir,

This is with reference to the above subject. We are submitting the half yearly, post monitoring report. We are submitting relevant documents needed as follows:

1. Data Sheet.
2. EC compliance Report.
3. Post Environment Monitoring Report.
4. EC letter.
5. Copy of consent to Establish.
6. Copy of Newspaper Advertisement (English & Marathi).

Hope the above are in line with your requirement and kindly acknowledge the receipt.

Thanking you,

Yours faithfully,
M/S. RAHEJA UNIVERSAL PVT. LTD.,

C.C. to: 1. The Director, MoEF&CC, Nagpur.
2. The Secretary, Environment Department, Mantralaya, Mumbai



Thanks & Regards

Dwirukti Poddar

M/s. Enviro Analysts and Engineers Private Limited.

B-1003, Enviro House, 10th floor.

Western Edge-II, W.E Highway.

Borivali(E), Mumbai-400066

Mobile No: 9322086202

Tel No: 91-22 2854 1647/48/49/67/68

Email: consent@eaepl.com / d.poddar@eaepl.com

“File this email in an email folder and save a tree.”

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To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject: **Submission of Post Monitoring Report for the period of October, 2023 – March, 2024 for Construction of Residential project "Raheja Exotica" on Plot Bearing CTS NO 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, village Erangal, Patilwadi Road, Malad(W), Mumbai.**

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- The M.S., MPCB, Sion, Mumbai.



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Date: 18.04.2024

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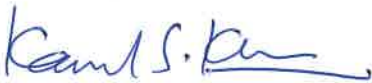
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M/s. Raheja Universal (Pvt) Ltd.



Authorized Signatory

C.C. to: - The Secretary, Environment Department, Mantralaya, Mumbai.
- The M.S., MPCB, Sion, Mumbai.

Date: 18.04.2024

To,
The Director
Ministry of Environment, Forests & Climate Change,
Regional Office, West Central Zone,
New Secretarial Building, East wing, Civil Lane,
Near Old VCA stadium,
Nagpur - 440001.
Maharashtra.

Subject: **Present status of Project work October, 2023 – March, 2024.**

Reference: **1. Clearance File No.: SEIAA-2019/CR-74/SEIAA dtd. 15.04.2019;**
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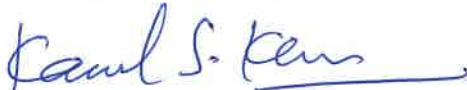
Dear Sir,

This is with reference to the above subject, our Construction of Residential project “Raheja Exotica” on Plot Bearing CTS NO 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, village Erangal, Patilwadi Road, Malad(W). Mumbai.

The present project status at site is as follows:

Bldgs.	Wings / floors	Status
Tower 5	2 Wing + 3 Basement + Stilt + 36 Floors	Completed
Tower 6	2 Wing + B2 + B1 + 36 Floors	Work Commenced
Tower 7	3 Wings + 2 podium + Stilt + 20 floors	Completed
Tower 8	B3 + B2 + B1 + Grd + 36 floors	Work Commenced
Tower 9	9A – B2 + B1 + LG + UG + 37 floors 9B – B2 + B1 + LG + UG + 4 floors	Work Commenced
Tower 10	B1 + LG + GR + 37 floors	Work not commenced
Tower 11	3B + GR + 18 floors	Work not commenced

Thanking you,
Yours truly,
M/s. Raheja Universal (Pvt) Ltd.



Authorized Signatory

DATA SHEET

Developer

M/S. RAHEJA UNIVERSAL (PVT) LTD.

CTS No. - 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/
C , Village –Erangal, Patilwadi Road, Malad W , Mumbai

MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS

Ministry of Environmental and Forests

Regional Office, Nagpur.

Monitoring Report

PART – I

DATA SHEET

1.	Project type: river-valley / mining / Industry / thermal / nuclear / Other (specify)	Construction of Residential Project
2.	Name of the project	“Raheja Exotica”
3.	Clearance letter (s) / OM/ no and date:	<ul style="list-style-type: none"> ➤ SEIAA – 2019/CR-74/SEIAA dtd 15.04.2019 ➤ SEIAA-EC-0000000394 dtd. 01.09.2018. ➤ SEAC-2105/CR-131/TC-1 dtd. 21.06.2016. ➤ SEAC-2010/CR/TC-2 dtd. 22.03.2013. ➤ File No. 21-327/2007-IA.III dtd. 22.08.2007.
4.	Location	CTS No.- 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, Village –Erangal, Patilwadi Road, Malad (W), Mumbai
a.	District (s)	Mumbai
b.	State (s)	Maharashtra
c.	Latitude / Longitude	-
5.	Address for correspondence	
a.	Address of concerned project Chief Engineer (with pin code & telephone / telex / fax numbers)	Mr. Kamal Khemani M/s. Raheja Universal P. Ltd., Raheja Center Point, 294, CST Road,
b.	Address of Executive Project Engineer /Manager (with pin code / fax number)	Kalina, Santacruz (East), Mumbai.

6.	Salient features									
a.	of the project	<p>FSI Area: 2,20,639.21 Sq.m. Non FSI Area: 1,58,321.82 Sq.m. Total BUA Area: 3,78,961.25 Sq.m.</p> <p>Building Configuration:</p> <table border="1"> <tr> <td>TOWER 5 A&B - B3+B2+B1+GR+36 FLOORS</td> </tr> <tr> <td>TOWER 6A & B - B2+B1+GR+36 FLOORS</td> </tr> <tr> <td>TOWER 7A,B,C - B2+B1+GR+20 FLOORS</td> </tr> <tr> <td>TOWER 8A&B - B3+B2+B1+GR+36 FLOORS</td> </tr> <tr> <td>TOWER 9 A - B2+B1+LG+ UG+37 FLOORS</td> </tr> <tr> <td>TOWER 9 B (club house) - B2+B1+LG+ UG +4 FLOORS</td> </tr> <tr> <td>TOWER 10 - B1+LG+GR+37 Floors</td> </tr> <tr> <td>TOWER 11 - 3B+GR+18 Floors</td> </tr> </table>	TOWER 5 A&B - B3+B2+B1+GR+36 FLOORS	TOWER 6A & B - B2+B1+GR+36 FLOORS	TOWER 7A,B,C - B2+B1+GR+20 FLOORS	TOWER 8A&B - B3+B2+B1+GR+36 FLOORS	TOWER 9 A - B2+B1+LG+ UG+37 FLOORS	TOWER 9 B (club house) - B2+B1+LG+ UG +4 FLOORS	TOWER 10 - B1+LG+GR+37 Floors	TOWER 11 - 3B+GR+18 Floors
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TOWER 11 - 3B+GR+18 Floors										
b.	of the environmental management plans	<p>1. Sewage Treatment Plant: Sewage Treatment Plant with total capacity of 835 KLD and 80 KLD (Tower 10: 70 KLD & tower-11: 10 KLD) will be provided for treating the wastewater. Recycled wastewater will be used for Flushing, gardening etc.</p> <p>2. Water Management: Rain Water Harvesting shall be provided to raise the ground water table.</p> <p>3. Solid Waste Management: Dry Waste: To be hand over to Local Recyclers for recycling Wet Waste: To be processed in the OWC. Manure obtained shall be used for landscaping/Gardening; Excess manure shall be sold to nearby end users. STP manure- To be used as manure.</p>								
7.	Break Up Of the project Area									
a.	Submerge area: forest & non-forest	Non-Forest								
b.	Others	<p>FSI Area: 2,20,639.21 Sq.m. Non FSI Area: 1,58,321.82 Sq.m. Total BUA Area: 3,78,961.25 Sq.m.</p>								

8.	Break-up of the project affected: population with enumeration of those losing houses / dwelling units, only agriculture land only, both dwelling units and agriculture land and landless labourers / artisan	No any.																															
a.	SC, ST / Adivasis	---																															
b.	Others	---																															
	(Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures, if a survey is carried out give details and years of survey)																																
9.	Financial details																																
a.	Project cost as originally planned and subsequent revised estimates and the year of price reference	Total cost: 775.97 Crores only Cost: 11.05 Cr (Amendment) Cost: 155 Cr (Amendment)																															
b.	Allocation made for environmental management plans with item wise and year wise break-up	EMP Cost:																															
c.	Benefit cost ratio/ Internal rate of return and the year of assessment																																
d.	Whether (c) includes the cost of environmental management as shown in the above	<table border="1"> <thead> <tr> <th>Sr No</th> <th>Head</th> <th>Approx. recurring cost per annum (Rs. In lacs)</th> <th>Approx. capital cost (Rs. In lacs)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Rain water harvesting</td> <td>50</td> <td>242</td> </tr> <tr> <td>2.</td> <td>Solid waste management</td> <td>24.19</td> <td>105</td> </tr> <tr> <td>3.</td> <td>Wastewater management</td> <td>107.13</td> <td>247</td> </tr> <tr> <td>4.</td> <td>Energy saving</td> <td>69.10</td> <td>350</td> </tr> <tr> <td>5.</td> <td>Landscaping</td> <td>64</td> <td>577</td> </tr> <tr> <td>6.</td> <td>Fire fighting</td> <td>39</td> <td>3058.21</td> </tr> </tbody> </table>				Sr No	Head	Approx. recurring cost per annum (Rs. In lacs)	Approx. capital cost (Rs. In lacs)	1.	Rain water harvesting	50	242	2.	Solid waste management	24.19	105	3.	Wastewater management	107.13	247	4.	Energy saving	69.10	350	5.	Landscaping	64	577	6.	Fire fighting	39	3058.21
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6.	Fire fighting	39	3058.21																														
e.	Actual expenditure incurred on the project so far	Rs. 368. Crores																															

f.	Actual expenditure incurred on the environmental management plans so far	EMP Cost:			
		Sr. No.	Particulars	Approx. recurring cost per annum (Rs. In lacs)	Approx. capital cost (Rs. In lacs)
		1.	STP	105	24.19
		2.	Rainwater Harvesting	242	50
		3.	Solar Panel	305	69.10
		4.	OWC	247	107.13
		5.	Landscaping	577	64
6.	Energy conservation system				
10.	Forest land required				
a.	The status of approval for diversion of forest land for non-forestry use	The land is of non-forest type hence not applicable.			
b.	The status of clearing and felling	R.G. Area Provided: 30,323.34 Sq. mt. A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. There will be tree plantation of about 1018 Nos. Different species will be selected as per CPCB green belt guidelines and common species available in the proposed area.			
c.	The status of compensatory afforestation, if any	---			
d.	Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far	N.A.			
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	N.A.			
12.	Status of construction				
a.	Date of commencement (Actual and/or planned)	01-12-2009 for 7A B & C			

b.	Date of completion (Actual and/ of planned)	December, 2028
13.	Reasons for the delay if the project is yet to start	---
14.	Dates of site visits	
a.	The date on which the project was monitored by the regional office on previous occasions, if any	Not yet monitored.
b.	Date of site visit for this monitoring report.	25.12.2023; 13.01.2024
15.	Details of correspondence with project authorities for obtaining action plans/ information on status on compliance to safeguards other than the routine letters for logistic support for site visits.	<ul style="list-style-type: none"> • SEIAA – 2019/CR-74/SEIAA dtd 15.04.2019 • SEIAA-EC-0000000394 dtd. 01.09.2018. • SEAE-2105/CR-131/TC-1 dtd. 21.06.2016 • SEAC-2010/CR/TC-2 dtd. 22.03.2013. • File No. 21-327/2007-IA.III dtd. 22.08.2007 <p>Mr. Kamal Khemani M/s. Raheja Universal P. Ltd., Raheja Center Point, 294, CST Road, Kalina, Santacruz (East), Mumbai.</p>

COMPLIANCE REPORT

Developer

M/S. RAHEJA UNIVERSAL (PVT) LTD.

CTS No.- 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C , Village -Erangal, Patilwadi
Road, Malad (W), Mumbai

COMPLIANCE REPORT

TERMS & CONDITIONS

Specific Conditions:

I	PP to submit and upload the layout submitted for earlier EC showing RG.	Yes, we noted the condition and agreeable to the same.
II	PP to revise EIA report submitted for earlier EC considering proposed expansion and upload the same.	Yes, we noted the condition and agreeable to the same.
III	PP should not compute TDR and FSI of CRZ area in total built up area of the proposed expansion	Yes, we noted the condition and agreeable to the same.
IV	This is subject to CRZ Clearance if required.	Yes, we noted the condition and agreeable to the same.

General Conditions:

1.	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	This is a residential project so there will not be E-Waste generation. There will be generation of domestic waste which will be handled as per the SWM rules, 2016.
2.	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.	Occupation certificate is received for the Tower No. 5 and 7. Water supply is also received.
3.	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.	ESZ Boundary for SGNP is already published. This project site does not fall under the ESZ boundary as notified.
4.	PP has to abide by the conditions stipulated by SEAC & SEIAA.	Condition is noted.

5.	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 development is as per DCR/local planning authority and are the same are approved as per the norms mentioned there in. The development is being done as per the approval.
6.	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.	Consent to Establish is received from MPCB. <ul style="list-style-type: none"> • Consent No. Format1.0/CC/UAN No. 0000110816/CE-2107000933 dated 15.01.2021. • Consent No. Format 1.0/BO/CAC-cell/UAN No. 0000042132/Amendment in CE/CAC-1901000201 dtd. 04.01.2019. • Consent No. Format1.0/BO/CAC-cell/EIC-MU-6286-14/CE (amend)/CAC-14886 dtd. 01.12.2015. Consent to Operate is received from MPCB. <ul style="list-style-type: none"> • Consent No. Format 1.0/BO/ CAC-CELL/UAN No.0000032879/CR - 1911000379 dtd. 11.11.2019. (For Bldg no. 7). • Consent No. Format 1.0/BO/CAC-cell/CO (Part)/CAC-1712000354 dtd. 11.12.2017. (Part-II for Bldg no. 5). • Consent No. Format 1.0/BO/ CAC-cell/ CO (Part)/CAC-9344 dtd. 21.07.2016.
7.	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Adequate numbers of toilets for Labour, provision of potable water etc. to maintain sanitary and hygienic measures are taken.
8.	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.	Adequate drinking water facility is provided for the workers at the site during construction phase. Toilets are provided for construction workers.

		Bins have been provided to dispose the municipal solid waste generated from labor camps.
9.	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.	The solid waste generated shall be properly collected and segregated and also being stored separately in two bin system. Biodegradable Waste of operation phase shall be processed in OWC and manure so obtained will be used for landscaping. Non-biodegradable Waste shall be managed through recyclers.
10.	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.	All construction waste gets collected and segregated properly. Most of that is reused for the construction activity. Muck will be dried before its final disposal.
11.	Arrangement shall be made that waste water and storm water do not get mixed.	Separate confined sewage system has been proposed which is connected to STP for the treatment and reuse of the treated water. Excess treated water shall be disposed off into the sewer drain. Storm water drain shall be in covered drain system and will be connected to municipal drain.
12.	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Excavated topsoil is used for landscaping from time to time.
13.	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.	The cut & fill is minimum to the extent possible. The cut & fill is accordance with the natural contour and it will be maintained in such a way that the natural drainage will not disturb. There will not be import and export of soil from site.
14.	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	<ul style="list-style-type: none"> The green area proposed is 30,323.34 Sq. mt. accordingly same will be provide as per approved plan.

		<ul style="list-style-type: none"> • A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. • There will be tree plantation of about 1018 nos. • Plantation Details: Species will be selected as per CPCB green belt guidelines and common species available in the proposed area.
15.	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.	Soil testing was done and according to the reports all the parameters are within the prescribed norms.
16.	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.	<ul style="list-style-type: none"> • There will be no generation of hazardous waste at site. Proper care would be taken following the norms to handle and use the bituminous and other hazardous material at site. • Also silt traps and other measures such as additional on-site will be constructed to control surface Run-off.
17.	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.	Used oil would be generated from the site, will be disposed through Authorized vendor of MPCB.
18.	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.	DG set specifications is as per CPCB norms.
19.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	The diesel required for the operation phase will be stored as per the provision of petroleum act.
20.	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.	The PUC checked/authorized vehicles are allowed on the site for transfer of material.

21.	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.	Following care are taken regarding noise levels with conformation to the residential area. 1. Use of well-maintained equipment fitted with silencers. 2. Noise shields near the heavy construction operations are provided. 3. Construction activities are limited to daytime hours only. Also use of Personal Protective Equipment (PPE) like ear muffs and ear plug during construction activities. The ambient air and noise report is enclosed herewith. The report indicates that the same are within the prescribed norms defined by the concern authority.
22.	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).	Yes, Ready mixed concrete added with fly ash is being used in the construction.
23.	Ready mixed concrete must be used in building construction.	Yes, Ready mixed concrete added with fly ash is being used in the construction.
24.	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Rainwater from terraces and other open area will be diverted to recharge pits for ground water recharge. The system shall be laid at appropriate time. <ul style="list-style-type: none"> • Size and Quantity of RWH tanks 9A and 9B: 75 cum. No of RWH tank: 2 Nos. No. of Recharge pit: 15 Nos. • Size and Quantity of RWH tanks Tower no. 10 & 11: Tower no.10: 4.2m x 4.02m x 3.0 (40 KLD) Tower no.11: 2.5m x 2.1m x 3.0m (14 KLD) Quantity of recharge pits: 4 percolation pits have been provided. UG tanks have been provided for terrace rain water collection.

		Size of recharge pits: 2.5m diameter.
25.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Ready mix concrete is used to reduce water demand during construction.
26.	The ground water level and its quality should be monitored regularly in consultation with Ground water Authority.	There is no extraction of ground water in this project. The ground water levels and its quality are checked before commencement of the project. The copy of the same is enclosed herewith.
27.	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 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 odour problem from STP.	STP with total capacity of 835 KLD and 80 KLD (Tower 10: 70 KLD & tower-11: 10 KLD) has been proposed for treating the wastewater. Construction and installation of STP shall be carried out by expert consultant. Treated water shall be used for the flushing and Gardening, Landscaping and Green belt area development. After the satisfactory completion of the work, the installation will be get certified from independent expert agency and report in this regard will be submitted to the Ministry of Environment, Forest and Climate Change before the project is commissioned for operation.
28.	Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.	We are not drawing any water from ground. We are using only Tanker water for construction.
29.	Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.	Yes, water will be separated by the use of dual plumbing line.
30.	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.	Adequate measures will be taken into consideration to minimize the wastage of water.
31.	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.	Glazing area will be maintained below 40% of the façade area for the residential buildings.
32.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	<ul style="list-style-type: none"> Roof insulation 50 mm expanded polystyrene or equivalent insulation.

		<ul style="list-style-type: none"> Heat reflective double glazed glass provided on external façade for the residential buildings.
33.	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.	A separate energy conservation report attached with this report.
34.	Diesel power generating sets proposed as sources 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 GD sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.	<p>D.G. sets will be provided as back up for alternative electrical supply to Residential buildings.</p> <p>D.G. sets are proposed with silencer & acoustic enclosures. The stacks shall be provided as per MPCB norms.</p>
35.	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.	<p>Noise level monitoring is carried out regularly. The noise levels measures are within the prescribed limits for day and night time.</p> <p>Monitoring report of noise levels attached.</p>
36.	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.	<ul style="list-style-type: none"> This effect would be prominent during construction as well as operation phase. The probability of inconvenience faced due to the frequency of truck movement during construction phase would be minimized by better control of traffic movement in the area. Noise levels expected from the planned operating conditions have been assessed and are likely to be within acceptable levels. The impacts have been mitigated by the

		<p>suggested measures in the “air control and management section”.</p> <ul style="list-style-type: none"> • Anti honking sign boards are placed in the parking areas and on entry and exit point. The project will be provided with sufficient road facilities within the project premises and there will be a large area provided for the parking of vehicles. • Total no. parking of all buildings: 2778 Nos.
37.	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 aspirational for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	Efforts for the Opaque wall will meet prescriptive requirement as per draft Energy Conservation Building Code by use of appropriate thermal insulation material to fulfill requirement.
38.	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	The building has adequate distance to allow movement of fresh air and natural light, Ventilation.
39.	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.	Regular supervision done by our site engineer to take care of the construction activity and of the surroundings.
40.	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.	Environmental Clearance is already obtained. EC received date 1st September, 2018 (SEIAA-EC-0000000394) for the total construction area of 3,78,961.25 sq.m.
41.	Six monthly monitoring reports should be submitted to Regional Office MOEF, Nagpur with copy to this department and MPCB.	Six monthly reports are submitted regularly to concerned department and MPCB.
42.	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	Occupation certificate for the Tower No. 5 and 7 is received after ensuring availability of STP, MSW disposal facility & Green Belt development is completed.

	certification from appropriate authority shall be obtained.																													
43.	Wet garbage should be treated by Organic Waste Converter and treated waste (Manure) should be utilized in existing premise for gardening. And no wet garbage will be disposed outside the premises. Local authority should ensure this.	Wet garbage will be treated by Organic Waste Converter with curing system and manure shall be used for gardening.																												
44.	Local body should ensure that no occupation certification is issued prior tom operation of STP/MSW site etc. with due permission of MPCB.	Occupation certification for Tower No. 5 and 7 is issued prior to operation of STP site etc. with due permission of MPCB.																												
45.	A complete set of all the documents submitted to Department should be forwarded to the MPCB	Complete set of all the documents submitted to the MPCB.																												
46.	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Condition is noted.																												
47.	A separate environment management cell with qualified staff shall be set up for implantation of the stipulated environmental safeguards.	Separate environment management cell with qualified staff is formed and implementing the same.																												
48.	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 and this department.	<p>EMP cost has been worked out and allocated for all air pollution devices and other facilities.</p> <p>EMP Cost:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Head</th> <th>Approx. recurring cost per annum (Rs. In lacs)</th> <th>Approx. capital cost (Rs. In lacs)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Rain water harvesting</td> <td>50</td> <td>242</td> </tr> <tr> <td>2.</td> <td>Solid waste management</td> <td>24.19</td> <td>105</td> </tr> <tr> <td>3.</td> <td>Wastewater management</td> <td>107.13</td> <td>247</td> </tr> <tr> <td>4.</td> <td>Energy saving</td> <td>69.10</td> <td>350</td> </tr> <tr> <td>5.</td> <td>Landscaping</td> <td>64</td> <td>577</td> </tr> <tr> <td>6.</td> <td>Fire fighting</td> <td>39</td> <td>3058.21</td> </tr> </tbody> </table>	Sr. No.	Head	Approx. recurring cost per annum (Rs. In lacs)	Approx. capital cost (Rs. In lacs)	1.	Rain water harvesting	50	242	2.	Solid waste management	24.19	105	3.	Wastewater management	107.13	247	4.	Energy saving	69.10	350	5.	Landscaping	64	577	6.	Fire fighting	39	3058.21
Sr. No.	Head	Approx. recurring cost per annum (Rs. In lacs)	Approx. capital cost (Rs. In lacs)																											
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5.	Landscaping	64	577																											
6.	Fire fighting	39	3058.21																											
49.	The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which	The advertisement is published in newspapers. In Marathi newspaper Navshakti dtd. 06 Sep 2007 & English																												

	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 http://ec.maharashtra.gov.in .	newspaper Free Press Journal dtd. 06 Sep 2007. The copy of newspaper advertisement is enclosed. The same is published in company website.
50.	Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the MPCB and this department, on 1st June and 1 st December of each calendar year.	We are regularly submitting six monthly reports to Environment Department, Mantralaya & MPCB.
51.	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.	Yes, we noted the condition & agreeable to the same.
52.	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 mainly; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectorial 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.	Regular monitoring is been carried out and the results of the same are submitted to concern authority along with the report.
53.	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.	Six monthly compliance reports are submitted to the Environment Department, Mantralaya & MPCB.
54.	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	Condition is noted.

	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.	
55.	This is subject to CRZ Clearance if required.	Condition is noted.

56.	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.	Condition is noted.
57.	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.	Yes, we noted the condition and agreeable to the same.
58.	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.	Yes, we noted the condition and agreeable to the same.
59.	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.	The Ec received File no. SEIAA-EC-0000000394 Dtd. 01.09.2018. The validity of this EC will be 7 years from 01.09.2018.
60.	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.	Yes, we noted the condition and agreeable to the same.
61.	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.	Yes, we noted the condition and agreeable to the same.

62.	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.	Yes, we noted the condition and agreeable to the same.
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ENERGY CONSERVATION MEASURES

Developer

M/S. RAHEJA UNIVERSAL (PVT) LTD.

CTS No.- 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C , Village -Erangal, Patilwadi
Road, Malad (W), Mumbai

ENERGY CONSERVATION MEASURES

TUSCANY

Sr. no	Description	Power consumed in a year using conventional method (in kWh)	Power consumed in a year incorporating energy saving methods (in kWh)	Power saving in a year by energy saving methods		Element provided
				In kWh	(in %)	
1	External Lighting load	24090	19272	4818	20%	20 % external lighting on solar. Remaining lighting on timer-controlled operation for reducing amount of light at different stages as per requirement.
2	Lift load	538740	425605	113135	21%	Lifts will be with VFD drives and soft starters, which will result in overall 20 % power saving.
3	Common Area Lighting Load	362044	286014	76029	21%	Mainly LED lights with timer control operation to reduce amount of light at different stages.
4	Ventilation & Exhaust Fan Load	446388	361574	84814	19%	BEE 5 star rated fans with variable frequency drive to attain considerable energy saving.
	Total	1371261	1092465			
	Total Savings in power / Annum (in Kwh)			278796	20.72%	
	Overall savings in power because of power saving methods		20.00%			

ROMANO

Sr. no	Description	Power consumed in a year using conventional method (in kWh)	Power consumed in a year incorporating energy saving methods (in kWh)	Power saving in a year by energy saving methods		Element provided
				In kWh	(in %)	
1	External Lighting load	24090	19272	4818	20%	20 % external lighting on solar. Remaining lighting on timer controlled operation for reducing amount of light at different stages as per requirement.
2	Lift load	224475	177335	47140	21%	Lifts will be with VFD drives and soft starters, which will result in overall 20 % power saving.
3	Common Area Lighting Load	155162	122578	32584	21%	Mainly LED lights with timer control operation to reduce amount of light at different stages.
4	Ventilation & Exhaust Fan Load	378753	306790	71963	19%	BEE 5 star rated fans with variable frequency drive to attain considerable energy saving.
	Total	782480	625975			
	Total Savings in power / Annum (in Kwh)			156505	20.72%	
	Overall savings in power because of power saving methods		20.00%			

VERONA

Sr. no	Description	Power consumed in a year using conventional method (in kWh)	Power consumed in a year incorporating energy saving methods (in kWh)	Power saving in a year by energy saving methods		Element provided
				In kWh	(in %)	
1	External Lighting load	24090	19272	4818	20%	20 % external lighting on solar. Remaining lighting on timer controlled operation for reducing amount of light at different stages as per requirement.
2	Lift load	583635	461072	122563	21%	Lifts will be with VFD drives and soft starters, which will result in overall 20 % power saving.
3	Common Area Lighting Load	167097	132007	35090	21%	Mainly LED lights with timer control operation to reduce amount of light at different stages.
4	Ventilation & Exhaust Fan Load	577678	467919	109759	19%	BEE 5 star rated fans with variable frequency drive to attain considerable energy saving.
	Total	1352500	1080270			
	Total Savings in power / Annum (in Kwh)			272231	20.72%	
	Overall savings in power because of power saving methods		20.00%			

Tower no. 10 and 11:

Energy saving by non-conventional method:

- 20% of External lighting on solar.
- Lifts will be with VFD drives and soft starters, which will result in overall 20 % power saving.
- Common Area Lighting, mainly LED lights with timer control operation
- Solar Hot Water Generation for apartment

Detail calculations & % of saving:

Energy Conservation Measures	Saving %
Tower No 10	19.75 %
Tower No 11	20.33%

ENERGY SAVINGS- Tower-10:

Sr. No.	Description	Annual Power Consumption by Conventional Methods	Annual Power Consumption by Energy Saving Methods	Energy Saving, kWh	% saving
1	30% External lighting load on solar	19,272	13,490	5,782	30%
2	VFD drives and soft starters for lifts	296307	237,046	59,261	20%
3	LED lights for timer control operation for common areas	84,503	42,252	42,252	50%
4	BEE five star rated fans with variable frequency drives for ventilation	318280	254,624	63,656	20%
5	Solar PV panels provision	36500	0	36,500	100%
6	Efficient plumbing pumps	37,960	30,368	7,592.00	20%
7	Solar water heaters	18,637	3,727	14,909.60	80%
8	BEE five star rated equipments in flats	2984240	2,387,392	596,848	20%
	TOTAL	3,795,699	2,968,899	826,800	
			Total Saving Percentage		22%
			Solar Saving Units	57,191.2	
			Solar Saving Percentage		2%

ENERGY SAVINGS-TOWER 11:

Sr. No.	Description	Annual Power Consumption by Conventional Methods	Annual Power Consumption by Energy Saving Methods	Energy Saving, kWh	% saving
1	30% External lighting load on solar	19,272	13,490	5,782	30%
2	VFD drives and soft starters for lifts	188559	150,847	37,712	20%
3	LED lights for timer control operation for common areas	92,938	46,469	46,469	50%
4	BEE five star rated fans with variable frequency drives for ventilation	312710	250,168	62,542	20%
5	Solar PV panels provision	27375	0	27,375	100%
6	Efficient plumbing pumps	30,660	24,528	6,132.00	20%
7	Solar water heaters	4,084	817	3,267.20	80%
8	BEE five star rated equipments in flats	572729	458,183	114,546	20%
	TOTAL	1,248,327	944,503	303,824	
			Total Saving Percentage		24%
			Solar Saving Units	36,423.8	
			Solar Saving Percentage		3%

POST MONITORING ENVIRONMENTAL STATUS REPORT

OF

RESIDENTIAL COMPLEX
“RAHEJA EXOTICA”

For

October, 2023 - March, 2024

Developer

M/S. RAHEJA UNIVERSAL (PVT) LTD.

**CTS No.- 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, Village –Erangal, Patilwadi
Road, Malad (W), Mumbai**

Prepared by

ENVIRO ANALYSTS & ENGINEERS P. LTD.,

Ambient Air Quality Monitoring Report

Report No. - EAEPL/A/12/23/01984A		Report Date – 02.01.2024	
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		Reference – RUPL/ARCH/EXOTICA/Q/PMR/118/ 2023
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		
Nature and Description of Sample	Ambient Air	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/A/12/23/01984A (Near Main Gate of Site)	Sample quantity and packing	PM ₁₀ = 1 * 1 No. Filter paper. PM _{2.5} = 1 * 1 No. Filter paper. SO ₂ = 30ml * 2 No. PVC bottle. NO ₂ = 30ml * 2 No. PVC bottle.
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	25.12.2023	Date of Receipt	26.12.2023
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	26.12.2023 to 27.12.2023		
Report for the month	DECEMBER, 2023		

Discipline: Chemical

Group: Atmospheric Pollution

Environmental Conditions			
Ambient Air Temperature (°C)	Relative Humidity (%)	Duration of Monitoring	
30°C	67%	8 Hours	
RESULTS			
Tests Parameter	Results	NAAQS LIMITS	METHOD
Particulate Matter (PM ₁₀)	83.47	100 µg/m ³	IS 5182 (Part 23) 2006 Reaffirmed 2022
Particulate Matter (PM _{2.5})	43.74	60 µg/m ³	IS 5182 (Part 24) 2019
Sulphur Dioxide (SO ₂)	21.85	80 µg/m ³	IS 5182 Part 2 (2001) Sec 1:2023
Nitrogen Dioxide (NO ₂)	23.24	80 µg/m ³	IS 5182 Part 6 (2006) Reaffirmed 2022

Remark: All the measured values are within NAAQS limits.

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by



(QM/DM)
(Shweta Sonawane)

Approved by



Authorized Signatory
(Netra Pawar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

-----End of Report-----

Ambient Noise Level Monitoring Report

Report No. - EAEPL/N/12/23/01984B		Report Date - 02.01.2024	
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference - RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Ambient Noise	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/N/12/23/01984B	Sample quantity and packing	Not Applicable
Date of Sampling	25.12.2023	Date of Receipt	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	DECEMBER, 2023		

Discipline: Chemical

Group: Atmospheric Pollution

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Backside of Site	dB(A) Leq.	53.6	43.7	55	45
Near Centreside of Site	dB(A) Leq.	51.2	41.2	55	45
Near Main Gate of Site	dB(A) Leq.	54.4	44.4	55	45
Near Site Office	dB(A) Leq.	53.2	40.1	55	45

Remark: The noise level was observed to be within CPCB limit at all of the locations.

-----End-----

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,

Reviewed by



 (QM/DM)
(Shweta Sonawane)

Approved by


 Authorized Signatory
(Netra Pawar)

 Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
 2. This report is not to be reproduced except in full, without written approval of the laboratory.

Water Sample Analysis Report

Report No. - EAEPL/W/12/23/01984C		Report Date – 02.01.2024	
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		Reference – RUP/ARCH/EXOTICA/Q/PMR/118/2023
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		
Nature and Description of Sample	Tanker Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/12/23/01984C (Near Backside of Site)	Sample quantity and packing	2 L X 1 No. PVC Can.
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	26.12.2023	Date of Receipt	26.12.2023
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	26.12.2023 to 02.01.2024		
Report for the month	DECEMBER, 2023		

Discipline: Chemical

Group: Water

Parameters	Unit	Results	Method
pH	-	7.63	IS 3025 (Part 11) 2022
Turbidity	NTU	<1.0	IS 3025 (Part 10) 2023
TDS	mg/L	108	IS 3025 (Part 16) 2023
Alkalinity	mg/L	61.52	IS 3025 (Part 23) 2023
Chlorides as Cl	mg/L	10.56	IS 3025 (Part 32) 1988 Reaffirmed 2019
Total Hardness	mg/L	71.43	IS 3025 (Part 21) 2009 Reaffirmed 2019
Calcium	mg/L	15.23	IS 3025 (Part 40) 1991 Reaffirmed 2019
Residual chlorine	mg/L	ND	IS 3025 (Part 26) 2021
Sulphate	mg/L	15.44	IS 3025 (Part 24) Sec 1: 2022
Nitrate	mg/L	ND	APHA 4500-NO3 B (23 rd Edition)
Fluoride	mg/L	ND	APHA 4500 F-D (23 rd Edition)
Heavy Metals:			
Iron (Fe)	mg/L	ND	IS 3025 (Part 2) 2019
Copper (Cu)	mg/L	ND	IS 3025 (Part 2) 2019
Zinc (Zn)	mg/L	ND	IS 3025 (Part 2) 2019
Lead (Pb)	mg/L	ND	IS 3025 (Part 2) 2019
Chromium (Cr)	mg/L	ND	IS 3025 (Part 2) 2019

Note: ND – Not Detected

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by



(QM/DM)
(Shweta Sonawane)

Approved by



Authorized Signatory
(Shilpa Dhamankar)

 Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
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-----End of Report-----

Water Sample Analysis Report

Report No. - EAEPL/W/12/23/01984C		Report Date – 02.01.2024	
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		Reference – RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		
Nature and Description of Sample	Tanker Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/12/23/01984C (Near Backside of Site)	Sample quantity and packing	250ml X 1 No. St. PP Bottle
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	26.12.2023	Date of Receipt	26.12.2023
Sampling Procedure	EAEPL/LAB/MB/SOP/17		
Period of Analysis	26.12.2023 to 28.12.2023		
Report for the month	DECEMBER, 2023		

Discipline: Biological

Group: Water

Parameters	Unit	Results	Method
Microbiological Analysis:			
Coliforms	MPN/100ml	< 2	IS 1622:1981 (Reaffirmed 2019)
<i>E. coli</i>	MPN/100ml	< 2	IS 1622:1981 (Reaffirmed 2019)

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,



Authorized Signatory
(Shweta Sonawane)

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-----End of Report-----

Soil Sample Analysis Report

Report No. - EAEPL/S/12/23/01984D		Report Date - 02.01.2024	
Name of Customer	M/S. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference – RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Soil	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/S/12/23/01984D (Centreside of Site)	Sample quantity and packing	1000gm X 1 Zip lock bag
		Sample Preservation	Transported & stored in dry area.
Date of Sampling	26.12.2023	Date of Receipt	26.12.2023
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	26.12.2023 to 02.01.2024		
Report for the month	DECEMBER, 2023		

Discipline: Chemical

Group: Soil & Rock

Parameters	Unit	Results	Method
pH	--	8.2	IS 2720 (Part 26):1987, Reaffirmed:2021
Electrical Conductivity	µS/cm	892.00	IS 14767:2000, Reaffirmed:2021
Soil Moisture	%	21.88	IS 2720 (Part 02):1973 (Reaffirmed 2020) Oven drying method
Water Holding Capacity	%	28.63	EAEPL/LAB/SOP/SOIL/10
Organic Matter	%	2.08	IS 2720 (Part 22) – 1972 (Reaffirmed 2020)
Chlorides as Cl	mg/kg	132.21	EAEPL/LAB/SOP/SOIL/03
Total Kjeldhal Nitrogen	mg/kg	764.19	IS 14684:1999 (Reaffirmed 2019)
Exchangeable Ca	mg/kg	2298.70	EPA 9080
Exchangeable Mg	mg/kg	229.42	EPA 9080
Sulphate	mg/kg	28.10	IS 2720 (Part 27):1977 (Reaffirmed 2020)
Available Phosphorus	mg/kg	1.33	EAEPL/LAB/SOP/SOIL/11
Sodium (Na)	mg/kg	799.21	EPA 3050B
Potassium (K)	mg/kg	420.37	EPA 3050B
Copper (Cu)	mg/kg	132.23	EPA 3050B
Iron (Fe)	mg/kg	58930.11	EPA 3050B
Lead (Pb)	mg/kg	10.94	EPA 3050B
Zinc (Zn)	mg/kg	120.19	EPA 3050B

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by


 (QM/DM)
 (Shweta Sonawane)

Approved by


 Authorized Signatory
 (Shilpa Dhamankar)


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-----End of Report-----

Stack Emission Analysis Report

Report No. - EAEPL/SE/12/23/01984E		Report Date – 02.01.2024	
Name of Customer	M/S. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965,2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference – RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Stack	Sample Collected by	EAEPL Laboratory.
Sampling locations and Sample Code	DG Set (500KVA) EAEPL/SE/01/24/01984E	Sample quantity and packing	SO ₂ = 30 ml X 1 No. PVC bottle. NO _x = 30 ml X 1 No. PVC bottle. PM = 1 X 1 No. Thimble
		Preservation	Cool -Transported and stored at 5°C (± 1°C)
Date of Sampling	25.12.2023	Date of Receipt	26.12.2023
Sampling Procedure	IS 11255 (Part 3) - Method for Measurement of emissions from stationary sources. & EAEPL/LAB/FM/15B - Sampling Plan Checklist.		
Period of Analysis	26.12.2023 to 27.12.2023		
Report for the month	DECEMBER, 2023		

Discipline: Chemical

Group: Atmospheric Pollution

Sr. No.	Particulars	Results	Method
1	Particulate Matter (PM)	13.79 mg/Nm ³	IS 11255 (Part 1) 1985 Reaffirmed 2019
2	Sulphur Dioxide (SO ₂)	4.05 kg/day	IS 11255 (Part 2) 1985 Reaffirmed 2019
3	Oxides of Nitrogen (NO _x)	10.23 mg/Nm ³	IS 11255 (Part 7) 2005 Reaffirmed 2022

Stack Details	
Name of Source	DG Set**
Stack attached to	Diesel Generator**
Stack Height from ground level, (m)	3**
Type of Fuel used	HSD**
Temperature of Flue Gas (°C)	70
Flue Gas Velocity (m/sec)	11.47

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by



 (QM/DM)
(Shweta Sonawane)

Approved by


 Authorized Signatory
(Netra Pawar)

- Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. **Information provided by customer.

-----End of Report-----

Ambient Air Quality Monitoring Report

Report No. - EAEPL/A/01/24/00232		Report Date – 31.01.2024	
ULR Number: TC111892400000232F			
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		Reference – RUPL/ARCH/EXOTICA/Q/PMR/118/ 2023
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		
Nature and Description of Sample	Ambient Air	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/A/01/24/00232 (Near Main Gate of Site)	Sample quantity and packing	PM ₁₀ = 1 * 1 No. Filter paper. PM _{2.5} = 1 * 1 No. Filter paper. SO ₂ = 30ml * 2 No. PVC bottle. NO ₂ = 30ml * 2 No. PVC bottle.
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	23.01.2024	Date of Receipt	24.01.2024
Sampling Procedure	EAEPL/LAB/SOP/01		
Period of Analysis	24.01.2024 to 25.01.2024		
Report for the month	JANUARY, 2024		

Discipline: Chemical

Group: Atmospheric Pollution

Environmental Conditions			
Ambient Air Temperature (°C)	Relative Humidity (%)	Duration of Monitoring	
33°C	29%	8 Hours	
RESULTS			
Tests Parameter	Results	NAAQS LIMITS	METHOD
Particulate Matter (PM ₁₀)	85.49	100 µg/m ³	IS 5182 (Part 23) 2006 Reaffirmed 2022
Particulate Matter (PM _{2.5})	40.42	60 µg/m ³	IS 5182 (Part 24) 2019
Sulphur Dioxide (SO ₂)	21.54	80 µg/m ³	IS 5182 Part 2 (2001) Sec 1:2023
Nitrogen Dioxide (NO ₂)	23.36	80 µg/m ³	IS 5182 Part 6 (2006) Reaffirmed 2022

Remark: All the measured values are within NAAQS limits.

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by



 (QM/DM)
 (Shweta Sonawane)

Approved by



 Authorized Signatory
 (Netra Pawar)

Note: 1. The result mentioned above refers only to the tested sample(s) and applicable parameter(s).

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-----End of Report-----

Ambient Noise Level Monitoring Report

Report No. - EAEPL/N/01/24/00233		Report Date - 31.01.2024	
ULR Number: TC111892400000233F			
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference - RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Ambient Noise	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/N/01/24/00233	Sample quantity and packing	Not Applicable
Date of Sampling	23.01.2024	Date of Receipt	Not Applicable
Sampling Procedure	EAEPL/LAB/SOP/04		
Period of Analysis	Not Applicable		
Report for the month	JANUARY, 2024		

Discipline: Chemical

Group: Atmospheric Pollution

Monitoring Locations	Units	Results		CPCB Norms	
		Day Time	Night Time	Day	Night
Near Backside of Site	dB(A) Leq.	54.4	43.5	55	45
Near Centreside of Site	dB(A) Leq.	53.5	41.1	55	45
Near Main Gate of Site	dB(A) Leq.	54.1	43.3	55	45
Near Site Office	dB(A) Leq.	53.5	40.2	55	45

Remark: The noise level was observed to be within CPCB limit at all of the locations.

-----End-----

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,
Reviewed by


 (QM/DM)
(Shweta Sonawane)
Approved by


 Authorized Signatory
(Netra Pawar)

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Water Sample Analysis Report

Report No. - EAEPL/W/01/24/00234		Report Date – 31.01.2024	
ULR Number: TC111892400000234F			
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		Reference – RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		
Nature and Description of Sample	Tanker Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/01/24/00234 (Near Backside of Site)	Sample quantity and packing	2 L X 1 No. PVC Can.
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	24.01.2024	Date of Receipt	24.01.2024
Sampling Procedure	EAEPL/LAB/SOP/02		
Period of Analysis	24.01.2024 to 31.01.2024		
Report for the month	JANUARY, 2024		

Discipline: Chemical

Group: Water

Parameters	Unit	Results	Method
pH	-	7.49	IS 3025 (Part 11) 2022
Turbidity	NTU	< 1.0	IS 3025 (Part 10) 2023
TDS	mg/L	60.0	IS 3025 (Part 16) 2023
Alkalinity	mg/L	44.60	IS 3025 (Part 23) 2023
Chlorides as Cl	mg/L	11.07	IS 3025 (Part 32) 1988 Reaffirmed 2019
Total Hardness	mg/L	39.09	IS 3025 (Part 21) 2009 Reaffirmed 2019
Calcium	mg/L	9.62	IS 3025 (Part 40) 1991 Reaffirmed 2019
Residual chlorine	mg/L	ND	IS 3025 (Part 26) 2021
Sulphate	mg/L	1.89	IS 3025 (Part 24) Sec 1: 2022
Nitrate	mg/L	ND	APHA 4500-NO3 B (23 rd Edition)
Fluoride	mg/L	ND	APHA 4500 F-D (23 rd Edition)
Heavy Metals:			
Iron (Fe)	mg/L	ND	IS 3025 (Part 2) 2019
Copper (Cu)	mg/L	ND	IS 3025 (Part 2) 2019
Zinc (Zn)	mg/L	ND	IS 3025 (Part 2) 2019
Lead (Pb)	mg/L	ND	IS 3025 (Part 2) 2019
Chromium (Cr)	mg/L	ND	IS 3025 (Part 2) 2019


Note: ND – Not Detected

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by


 (QM/DM)
 (Shweta Sonawane)

Approved by


 Authorized Signatory
 (Shilpa Dharmankar)


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-----End of Report-----

Water Sample Analysis Report

Report No. - EAEPL/W/01/24/00234		Report Date – 31.01.2024	
ULR Number: TC111892400000234F			
Name of Customer	M/s. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference – RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Tanker Water Sample	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/W/01/24/00234 (Near Backside of Site)	Sample quantity and packing	250ml X 1 No. St. PP Bottle
		Sample Preservation	Cool -Transported and stored at 5 °C (± 1°C).
Date of Sampling	24.01.2024	Date of Receipt	24.01.2024
Sampling Procedure	EAEPL/LAB/MB/SOP/17		
Period of Analysis	25.01.2024 to 27.01.2024		
Report for the month	JANUARY, 2024		

Discipline: Biological

Group: Water

Parameters	Unit	Results	Method
Microbiological Analysis:			
Coliforms	MPN/100ml	< 2	IS 1622:1981 (Reaffirmed 2019)
<i>E. coli</i>	MPN/100ml	< 2	IS 1622:1981 (Reaffirmed 2019)

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT. LTD.,



Authorized Signatory
(Shweta Sonawane)

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-----End of Report-----

Soil Sample Analysis Report

Report No. - EAEPL/S/01/24/00235		Report Date - 31.01.2024	
ULR Number: TC1118924000000235F			
Name of Customer	M/S. Raheja Universal Pvt. Ltd.		
Site Address	"Raheja Exotica" 2053-C & C-1, 2055-B, 2053-B, 1965,2053-D, 2053-E, 2055-C, Village Erangal, Patilwadi Road, Malad (W), Tal. Mumbai.		Reference – RUPL/ARCH/EXOTICA/Q/PMR/118/2023
Nature and Description of Sample	Soil	Sample Collected by	EAEPL Laboratory
Sampling locations and Sample Code	EAEPL/S/01/24/00235 (Centreside of Site)	Sample quantity and packing	1000gm X 1 Zip lock bag
		Sample Preservation	Transported & stored in dry area.
Date of Sampling	24.01.2024	Date of Receipt	24.01.2024
Sampling Procedure	EAEPL/LAB/SOP/03		
Period of Analysis	24.01.2024 to 31.01.2024		
Report for the month	JANUARY, 2024		

Discipline: Chemical

Group: Soil & Rock

Parameters	Unit	Results	Method
pH	--	7.29	IS 2720 (Part 26):1987, Reaffirmed:2021
Electrical Conductivity	µS/cm	972.00	IS 14767:2000, Reaffirmed:2021
Soil Moisture	%	23.92	IS 2720 (Part 02):1973 (Reaffirmed 2020) Oven drying method
Water Holding Capacity	%	25.75	EAEPL/LAB/SOP/SOIL/10
Organic Matter	%	2.77	IS 2720 (Part 22) – 1972 (Reaffirmed 2020)
Chlorides as Cl	mg/kg	86.79	EAEPL/LAB/SOP/SOIL/03
Total Kjeldhal Nitrogen	mg/kg	657.23	IS 14684:1999 (Reaffirmed 2019)
Exchangeable Ca	mg/kg	2393.78	EPA 9080
Exchangeable Mg	mg/kg	211.10	EPA 9080
Sulphate	mg/kg	29.88	IS 2720 (Part 27):1977 (Reaffirmed 2020)
Available Phosphorus	mg/kg	1.43	EAEPL/LAB/SOP/SOIL/11
Sodium (Na)	mg/kg	3361.68	EPA 3050B
Potassium (K)	mg/kg	1829.15	EPA 3050B
Copper (Cu)	mg/kg	69.21	EPA 3050B
Iron (Fe)	mg/kg	60164.13	EPA 3050B
Lead (Pb)	mg/kg	9.89	EPA 3050B
Zinc (Zn)	mg/kg	72.18	EPA 3050B

For M/s. ENVIRO ANALYSTS & ENGINEERS PVT.LTD.,

Reviewed by



 (QM/DM)
(Shweta Sonawane)

Approved by



 Authorized Signatory
(Shilpa Mamankar)

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-----End of Report-----

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SEIAA-2019/CR~~74~~/SEIAA.
Environment Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 00032.
Date: 15.04.2019

To
M/s. Raheja universal (Pvt.) Ltd.,
Raheja Centre Point, 294, C.S.T. Road,
Kalina, Santacruz (E), Mumbai-400 098.

Sub : Correction in Environmental Clearance Letter issued vide letter dated 1st September, 2018 for Raheja Exotica Proposed Tower on plot bearing CTS NO 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, village Erangal, Patilwadi Road, Malad(W) by M/s Raheja Universal Pvt. Ltd.

Ref : 1. Application received from PP dated 12.09.2018.
2. EC letter No. SEIAA-EC-0000000394 dated. September 1, 2018.
3. Minutes of 135th meeting of SEIAA dated 10.08.2018.

With reference to above subject matter, it is noted that, you have received Environment Clearance dated September 1, 2018. You have further applied for correction in EC vide above ref. (1). You have requested to correct EC dated 01.09.2018 as below-

Sr. No. / Particular in EC vide above ref. (2)	Details Mention in EC vide above ref. (2)	Correction shall be read as
1	Raheja Exotica Proposed Tower No. 10 & 11	Raheja Exotica
6	Modernization in Housing Project	Expansion of existing residential project
7	Environmental clearance obtained for Building 5, 6, 7, 8, & 9 on 21st June 2016 Vide letter no. SEAC-2015/CR-131/TC-1. Buildings completed prior to EC - bldg. no. 1, 2, 3, 4 club house and 15 villas.	Earlier EC received (SEAC-2015/CR-131/TC-1) dated 21st June, 2016
12	Layout Obtained (No.CHE/702/LOP dated 5th November 2014) IOD/IOA/Concession/Plan Approval Number: Layout Obtained (No.CHE/702/LOP dated 5th November 2014) Approved total Built-up Area: 40296 sq. m.	Layout obtained (No. CHE702/LOP dated 5th November 2014) IOD/IOA/Concession/Plan Approval Number: CHE702/LOP dated 5th November 2014 Approved Total Built-up Area: 147073.8 sq. m. Approved FSI: 97737.2 sq. m. Approved non-FSI: 49336.6 sq. m.
13	NA	Building no. 5A, B and 7 A, B, C have been constructed as per environmental clearance received in 2016.
14	Layout Obtained (No.CHE/702/LOP dated	Layout Obtained (No.CHE/702/LOP dated

	5th November 2014)		5th November 2014)	
18	FSI Area (sq.m.) : 34126		FSI Area (sq.m.) : 220639.21	
	Non FSI Area (sq.m.) : 6170		Non FSI Area (sq.m.) : 158321.82	
	Total BUA Area (sq.m.) : 40296		Total BUA Area (sq.m.) : 378961.25	
19	Ground Coverage : 14488.98		Ground Coverage : 39604.20	
20	16.4%		44.8%	
24	Level of the Ground water table: 26 m		4.15 m	
26	Natural water drainage pattern:	Connecting With Main SWD Channel of the plot	Natural water drainage pattern	Connecting With Main SWD Channel of the plot
	Quantity of storm water	(0.0633 + 0.03224) KLD / sec.	Quantity of storm water	0.095 m ³ / sec.
	Size of SWD:	(0.6 x 0.3 + 0.6 x 0.3) m	Size of SWD	0.6 m (W) x 0.15 m (D)
27	Sewage generation in KLD:	76.74 KLD	Sewage generation in KLD:	Total sewage generation is 786 KLD Tower 10 & 11: 77 KLD
	Capacity of STP (CMD):	Tower No 10 : 70KLD ; Tower No 11 : 10 KLD ; Total : 80 KLD	Capacity of STP (CMD):	Total capacity of all STPs: 835 KLD 80 KLD (70+10) for Tower 10, 11
28	Dry waste:	147 kg/ day	Dry waste:	Total dry waste of project: 1339 kg/ day For tower 10, 11: 123 kg/ day
	Wet waste:	222 kg/ day	Wet waste:	Total wet waste of the project: 2008 kg/ day For tower 10, 11: 184 kg/ day
	STP Sludge (Dry sludge):	8 kg/day	STP Sludge (Dry sludge):	Total STP sludge of project: 39 kg/ day 4 kg/ day for tower 10, 11
	Area for the storage of waste & other material:	Ground (7MX4M) + (7MX4M) (including storage, machinery setup OWC, shredder, storage rack, bins, wash basin etc)	Area for the storage of waste & other material:	Tower 10: basement 1; Tower 11: stilt floor For storage of waste: 32 sq. m. Machinery: 6 sq. m.
35	During Operation phase (Connected load):	6,469 KW	During Operation phase (Connected load):	Total Connected load of all buildings: 42,868 kW 6469 KW for tower 10 and 11

	During Operation phase (Demand load):	2,103 KW	During Operation phase (Demand load):	Total Demand load of all buildings: 16,755 kW 2103 KW for tower 10 and 11
	<ul style="list-style-type: none"> • 20% of External lighting on solar. • Lifts will be with VFD drives and soft starters, which will result in overall 20 % power saving. • Common Area Lighting, mainly LED lights with timer control operation • Solar Hot Water Generation for apartment 		<ul style="list-style-type: none"> • Use of solar energy; • Lifts on VFD; • LED lamps for common area lighting etc.; • Energy efficient plumbing pumps; 	
36	Energy Conservation Measures	Tower No 10: 19.75 % Tower No 11: 20.33%	Energy Conservation Measures	Tower No 10: 22% Tower No 11: 24%

After detailed scrutiny of documents submitted by you, Environment Clearance issued vide letter dated September 1, 2018 is corrected as above.

The terms and conditions stipulated in the EC letter dt.01.09.2018 vide above ref. (2) shall remain the same.



(Anil Diggikar)
Principle Secretary
& Member Secretary, SEIAA



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24044532/4024068/4023516
Website: <http://mpcb.gov.in>
Email: jdwater@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

Infrastructure/RED/L.S.I

No:- Format1.0/CC/UAN No.0000110816/CE 2107000933

Date: 15/01/21

To,
M/s. Raheja universal (Pvt.) Ltd.
"Raheja Exotica", Plot bearing CTS NO
1965, 2053/B, 2053/C, & C1, 2053D, 2053E,
2055B, & 2055/C, village Erangal,
Patilwadi Road,
Malad(W), Borivali, Mumbai



Sub: Revalidation of Consent to Establish with expansion for Construction project in Red Category

- Ref:**
1. Consent to establish granted vide No Format 1.0/BO/CAC-Cell/UAN No 0000042132/amendment in CE/CAC-1901000201 dtd 04.01.2019
 2. Consent to operate (1st part) granted vide No Format 1.0/CAC/UAN No 0000032879/CR-1911000379 dtd 11.11.2019
 3. consent to operate (2nd part) granted vide No Format1.0/BO/CAC-Cell/CO(part)/CAC-1712000345 dtd 11.12.2017

Your application NO. MPCB-CONSENT-0000110816

For: grant of Consent to Establish 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 / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) 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. **Consent is granted for period upto commissioning of the project or 30.11.2025 whichever is earlier**
2. **The capital investment of the project is Rs.383.88 Cr. (As per undertaking submitted by pp).**
3. **The Consent to Establish revalidation with expansion is valid for construction project named as M/s. Raheja universal (Pvt.) Ltd., "Raheja Exotica", Plot bearing CTS NO 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, village Erangal, Patilwadi Road, Malad(W), Borivali, Mumbai on Total Plot Area of 45263.86 Sq Mtrs for remaining construction BUA of 226858.25 area SqMtrs (total area 378961.25 - completed area 152103.00) out of Total Construction BUA of 378961.25 Sq Mtrs as per EC granted dated 15.04.2019 including utilities and services**
4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to Disposal	
1.	Trade effluent	Nil	NA	NA



Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	756	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1	DG set-2030 KVA	01	As per Schedule -II
S-2	DG set-1520 KVA	01	As per Schedule -II
S-3	DG set-1495 KVA	01	As per Schedule -II
S-4	DG set-673 KVA	01	As per Schedule -II
S-5	DG set-475 KVA	01	As per Schedule -II

6. **Conditions under Solid Waste Rules, 2016:**

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Bio-degradable waste	1888 Kg/Day	OWC and composting	As Manure for gardening
2	Non-biodegradable waste	1259 Kg/Day	Segregate	hand Over to Local Body
3	STP Sludge	70 Kg/Day	Dewatering	As manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No.	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	200	Ltr/A	Reprocessing	Sale to Authorized Reprocessor

- This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
- Project Proponent shall install online monitoring system for the parameter pH, SS, BOD and flow at the outlet of STP.
- Project Proponent shall provide Organic waste digester with composting facility or biodigester with composting facility.
- 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.
- The project proponent shall make provision of charging of electric vehicles in atleast 10 % of total available parking area.
- The project proponent shall take adequate measures to control dust emission and noise level during construction phase.



Maharashtra Pollution Control Board

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15. The Project Proponent shall comply with the Environmental Clearance obtained vide No SEIAA-2019/CR-24/SEIAA dtd 15.04.2019 for construction project having total plot area of 45263.86 Sqm and total construction BUA of 378961.25 Sqm.

For and on behalf of the
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	767760.00	MPCB-DR-5035	21/03/2021	NEFT

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai IV
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai





SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have proposed to install 05 Sewage Treatment Plants (STP) with total design capacity of 805.3 CMD based on MBBR Technology.
- B) The Applicant shall operate the sewage 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	Limiting concentration not to exceed in mg/l, except for pH
1	pH	5.5-9.0
2	BOD	10
3	COD	50
4	TSS	20
5	NH4 N	5
6	N-total	10
7	Fecal Coliform	less than 100

- C) The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body.
- 2) 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 shall 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.
- 3) The industry shall 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.
- 4) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act.**

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	945.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 5) 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 provide the Air pollution control (APC) system and also proposed to erect following stack (s) and to observe the following fuel pattern-

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM
S1	DG set-2030 KVA	Acoustic Enclosure	30	HSD	5075 Ltr/Hr
S2	DG set-1520 KVA	Acoustic Enclosure	30	HSD	380 Ltr/Hr
S3	DG set-1495 KVA	Acoustic Enclosure	30	HSD	373.75 Ltr/Hr
S4	DG set-673 KVA	Acoustic Enclosure	5.5	HSD	168.25 Ltr/Hr
S5	DG set-475 KVA	Acoustic Enclosure	4.5	HSD	118.75 Ltr/Hr

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

Total Particular matter	Not to exceed	150 mg/Nm ³
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- 3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement well before its life come to an end or erection of new pollution control equipment.
- 4) 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).
- 5) **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C2E	Rs 25 Lakhs	15 Days	Towards compliance of consent conditions and EC conditions	Continious	31.03.2026



Consent						
Sr. No.	(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

Conditions during construction phase

A	During construction phase, applicant shall provide temporary sewage and MSW treatment and disposal facility for the staff and worker quarters.
B	During construction phase, the ambient air and noise quality shall be maintained and should be closely monitored through MoEF approved laboratory.
C	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.

General Conditions:

- 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 Rule 2016, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011).
- 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.



Maharashtra Pollution Control Board

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- 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) 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.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) 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.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments 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 Rule 2016 & E-Waste (M & H) Rule 2011.
 - 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 Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
 - 9 The treated sewage shall be disinfected using suitable disinfection method.
 - 10 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.
 - 11 The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

For and on behalf of the
Maharashtra Pollution Control Board.


(Ashok Shingare IAS),
Member Secretary



Maharashtra Pollution Control Board
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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: September 1, 2018

To,
M/s Raheja Universal Pvt. Ltd.
at CTS NO 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, village Erangal, Patilwadi Road, Malad(W).

Subject: Environment Clearance for Raheja Exotica Proposed Tower No. 10 & 11

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 61st (Part B) (Day-1)st 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 135th meetings.


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

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

1.Name of Project	Raheja Exotica Proposed Tower No. 10 & 11
2.Type of institution	Private
3.Name of Project Proponent	M/s Raheja Universal Pvt. Ltd.
4.Name of Consultant	Project Proponent : M/s. Raheja Universal Pvt. Ltd.; Architect : M/s. Sunil Ambre and Associates; Environmental Consultant : M/s. Enviro Analysts and Engineers Pvt. Ltd.; MEP Consultant : M/s. John Mech-el Technologies Pvt Ltd.
5.Type of project	Housing Project
6.New project/expansion in existing project/modernization/diversification in existing project	Modernization in Housing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Environmental clearance obtained for Building 5, 6, 7, 8, & 9 on 21st June 2016 Vide letter no. SEAC-2015/CR-131/TC-1. Buildings completed prior to EC - bldg. no. 1, 2, 3, 4 club house and 15 villas.
8.Location of the project	CTS NO 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C, village Erangal, Patilwadi Road, Malad(W).
9.Taluka	Borivali
10.Village	Erangal
11.Area of the project	Municipal Corporation of Greater Mumbai
12.IOD/IOA/Concession/Plan Approval Number	Layout Obtained (No.CHE/702/LOP dated 5th November 2014) IOD/IOA/Concession/Plan Approval Number: Layout Obtained (No.CHE/702/LOP dated 5th November 2014) Approved Built-up Area: 40296
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Layout Obtained (No.CHE/702/LOP dated 5th November 2014)
15.Total Plot Area (sq. m.)	124078.40 sq.m.
16.Deductions	35778.73 sq.m.
17.Net Plot area	88299.67 sq.m.

SEIAA Meeting No: 135 Meeting Date: August 10, 2018 (SEIAA-STATEMENT-000000619)
SEIAA-MINUTES-0000000555
SEIAA-EC-0000000394

Page 1 of 14


Shri. Anil Diggikar (Member Secretary SEIAA)

18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 34126
	Non FSI area (sq. m.): 6170
	Total BUA area (sq. m.): 40296
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)	14488.98
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	16.4%
21.Estimated cost of the project	1550000000



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

Dry season:	Source of water	MCGM / treated water from STP
	Fresh water (CMD):	56.59 KLD
	Recycled water - Flushing (CMD):	30.15 KLD
	Recycled water - Gardening (CMD):	24.5 KLD
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	118.64 KLD
	Fire fighting - Underground water tank(CMD):	300 KLD
	Fire fighting - Overhead water tank(CMD):	75 KLD
	Excess treated water	10.5 KLD
Wet season:	Source of water	MCGM/RWH/ treated water from STP
	Fresh water (CMD):	29.73 KLD + 27 KLD(RWH)
	Recycled water - Flushing (CMD):	30.15 KLD
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	67.33 KLD
	Fire fighting - Underground water tank(CMD):	300 KLD
	Fire fighting - Overhead water tank(CMD):	75 KLD
	Excess treated water	35 KLD
Details of Swimming pool (If any)	NA	

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

25.Rain Water Harvesting (RWH)	Level of the Ground water table:	26m
	Size and no of RWH tank(s) and Quantity:	Tower no 10 : 4.2m x 4.02m x 3.0m(40kld) ; Tower no 11 : 2.5m x 2.1m x 3.0m(14kld) ; Total : 54 KLD
	Location of the RWH tank(s):	Tower no 10 : Basement 1 & Tower no 11 : Basement 3
	Quantity of recharge pits:	4 percolation pits have been provided. UG tanks have been provided for terrace rain water collection.
	Size of recharge pits :	2.5m diameter
	Budgetary allocation (Capital cost) :	16 Lakhs
	Budgetary allocation (O & M cost) :	6 Lakhs
Details of UGT tanks if any :	Domestic Water Tank : 60 KLD Flushing Water Tank : 60 KLD (Including Car & Irrigation) Fire Water Tank : 300 KLD RWHTank : 54 KLD Tower no 10 : Basement 1 & Tower no 11 : Basement 3	

26.Storm water drainage	Natural water drainage pattern:	Connecting With Main SWD Channel of the plot
	Quantity of storm water:	(0.0633 + 0.03224) KLD / Second
	Size of SWD:	(0.6 x 0.3 + 0.6 x 0.3) Meters

27.Sewage and Waste water	Sewage generation in KLD:	76.74 KLD
	STP technology:	MBBR
	Capacity of STP (CMD):	Tower No 10 : 70KLD ; Tower No 11 : 10 KLD ; Total : 80 KLD
	Location & area of the STP:	B1 (Tower No 10) ; B1 (Tower No 11)
	Budgetary allocation (Capital cost):	40 Lakhs
	Budgetary allocation (O & M cost):	12.5 Lakhs

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction has not yet commenced at Site.
	Disposal of the construction waste debris:	Construction has not yet commenced at Site.
Waste generation in the operation Phase:	Dry waste:	147 KG /DAY
	Wet waste:	222 KG / Day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	8 kg/day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	To be handed over to Local Recyclers for recycling.
	Wet waste:	To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users.
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	NA
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	(7MX4M)+((7MX4M) (including storage, machinery setup OWC, shredder, storage rack, bins, wash basin etc)
	Area for machinery:	Same as above
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	25 Lakhs
	O & M cost:	3.9 Lakhs

Government of Maharashtra

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 send 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			



Government of Maharashtra

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	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			
33.Source of Fuel		Not applicable					
34.Mode of Transportation of fuel to site		Not applicable					
35.Energy							
Power requirement:	Source of power supply :	Tata					
	During Construction Phase: (Demand Load)	150 KVA					
	DG set as Power back-up during construction phase	200 KVA					
	During Operation phase (Connected load):	6,469 KW					
	During Operation phase (Demand load):	2,103 KW					
	Transformer:	as per electrical supply company					
	DG set as Power back-up during operation phase:	630 KVA for Tower 10 & 900 KVA for Tower 11					
	Fuel used:	high speed diesel					
	Details of high tension line passing through the plot if any:	no high tension line within the plot					
Energy saving by non-conventional method:							
<ul style="list-style-type: none"> • 20% of External lighting on solar. • Lifts will be with VFD drives and soft starters, which will result in overall 20 % power saving. • Common Area Lighting, mainly LED lights with timer control operation • Solar Hot Water Generation for apartment 							
36.Detail calculations & % of saving:							

Serial Number	Energy Conservation Measures	Saving %
1	Tower No 10	19.75 %
2	Tower No 11	20.33%

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Not applicable	Not applicable	Not applicable

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	50 Lakhs
	O & M cost:	8 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	Water sprinkling	Water sprinkling	10
2	Health, safety & first aid facility	Health, safety & first aid facility	8
3	Sanitary facility and waste water management	Sanitary facility and waste water management	12
4	Environmental Monitoring (Noise, Water & Soil-Project site (4 times a year)	Environmental Monitoring (Noise, Water & Soil-Project site (4 times a year)	20
5	Total	Total	50

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Water Management	STP	40	12.5
2	Water Management	Rain water harvesting	16	6
3	Energy	Energy Saving	50	8
4	Landscaping	Gardening	37	18
5	Solid waste management	OWC	25	3.9
6	Fire Fighting	Fire fighting equipments	339	17
7	Total	Total	507	65.4

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



Government of Maharashtra

	CRZ/ RRZ clearance obtain, if any:	CRZ clearance obtained dated 16/10/2001 (TPB 2001/1565/CR-189/2001/UD-12)
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	The project site is 9.81 Km away (aerial distance) from Sanjay Gandhi National Park.
	Category as per schedule of EIA Notification sheet	B2-8(a)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	24-04-2017

3. The proposal has been considered by SEIAA in its 135th 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:

I	PP to submit and upload the layout submitted for earlier EC showing RG.
II	PP to revise EIA report submitted for earlier EC considering proposed expansion and upload the same.
III	PP should not compute TDR and FSI of CRZ area in total built up area of the proposed expansion
IV	This is subject to CRZ Clearance if required.

General Conditions:

I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	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.
III	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.
IV	PP has to abide by the conditions stipulated by SEAC& 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.
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 before start of any construction work at the site.
VII	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
VIII	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.
IX	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.

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.
XI	Arrangement shall be made that waste water and storm water do not get mixed.
XII	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
XIII	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.
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.
XL	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.
XLI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
XLII	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.
XLIII	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.
XLIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
XLV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
XLVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
XLVII	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
XLVIII	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.
XLIX	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 http://ec.maharashtra.gov.in .
L	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.
LI	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.
LII	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 ₂ , NO _x (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.
LIII	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.

LIV	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.
LV	This is subject to CRZ Clearance if required.



Government of Maharashtra

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. SHRI JOHNY JOSEPH, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI M.M.ADTANI, CHAIRMAN-SEAC-II
4. SHRI ANIL .D. KALE. CHAIRMAN SEAC-III
5. SECRETARY MOEF & CC
6. IA- DIVISION MOEF & CC
7. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
8. REGIONAL OFFICE MOEF & CC NAGPUR
9. MUNICIPAL COMMISSIONER MUMBAI
10. MUNICIPAL COMMISSIONER NAVI MUMBAI
11. REGIONAL OFFICE MPCB MUMBAI
12. REGIONAL OFFICE MPCB NAVI MUMBAI
13. REGIONAL OFFICE MIDC ANDHERI
14. REGIONAL OFFICE MIDC KOPER KHAIRANE NAVI MUMBAI
15. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
16. COLLECTOR OFFICE MUMBAI
17. COLLECTOR OFFICE MUMBAI SUB-URBAN

31

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC-2015/CR-131/TC-1
Environment department
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai- 400 032.
Dated: 21 June, 2016

To,
M/s Raheja Universal (Pvt.) Ltd.
Raheja Centre-Point, 294, C.S.T Road,
Kalina, Santacruz (E), Mumbai- 400 098.

Subject: Environment clearance for proposed expansion project "Raheja Exotica" on plot bearing CTS No.1965, 2053/B, 2053/C & C1, 2053D, 2053E, 2055B & 2055/C, village Erangal, Patilwadi Road, Malad (E), Mumbai by M/s K. Raheja Universal P L


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 40th 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 97th meeting.

2. It is noted that the proposal is considered by SEAC-II under screening category 8(b) B1 as per EIA Notification 2006.

Brief Information of the project submitted by you is as-

Name of The Project	<u>Proposed Revalidation & Amendment "Raheja Exotica"</u>
Name of Proponent	Name: Mr. Kamal Khemani M/s Raheja Universal (Pvt.) Ltd.
Name of Consultant	M/s. Enviro Analysts and Engineers Pvt. Ltd. Mr. H. K Desai
Accreditation of consultant (NABET Accreditation)	QCI -NABET LIST for the Construction Project/ Area Development Project/Township: NABET Accreditation
Type of project: Housing project / Industrial Estate/SRA scheme / MHADA /Township or others	A Residential Project "Raheja Exotica"
Location of the project	Plot Bearing CTS No.- 1965, 2053/B, 2053/C, & C1, 2053D, 2053E, 2055B, & 2055/C , Village -Erangal, Patilwadi Road, Malad (W), Mumbai
Whether in Corporation/	MCGM (Municipal corporation of Greater Mumbai)

Municipal / other area									
Applicability of the DCR	MCGM (1991 amended till date)								
Note on the initiated work (If applicable)	Work initiated as per Earlier EC received on 22 nd march 2013 vide letter no. SEAC-2010/CR.TC.2								
NOC / Other approvals (If applicable)	<p>NOC of height clearance, 19-02-2009</p> <p>पत्र संख्या : बीटी-1/एन.ओ.सी.सी/सि एस/मुं/08/179 / 2536-39</p> <p>जेम्स गे</p> <p>Revalidation in NOC:19-02-2014</p> <p>No. BT-1/NOCC/CS/MUM/08/179 Date: 19/02/2014</p> <p>Revised Height clearance NOC</p> <p>भारतीय विमानपत्तन प्राधिकरण पश्चिमी क्षेत्र मुख्यालय</p>  <p>AIRPORTS AUTHORITY OF INDIA WESTERN REGION HQRS.</p> <p>No. BT-1/NOCC/CS/MUM/15/NOCC/62 1349 REVISED Date: 3/8/2015</p> <p>Rabeja Universal Pvt. Ltd</p>								
Total Plot Area (sq. m.)	45,263.86 Sq.m								
Deductions									
Net Plot area									
Permissible FSI (including TDR etc.)	1.00+TDR								
Proposed Built-up Area (FSI & Non-FSI)	<table border="1"> <thead> <tr> <th>Description</th> <th>Area</th> </tr> </thead> <tbody> <tr> <td>FSI area</td> <td>1,86,513.21 Sq.m</td> </tr> <tr> <td>Non FSI area</td> <td>1,52,151.82 Sq.m</td> </tr> <tr> <td>Total construction area</td> <td>3,38,665.03 Sq.m</td> </tr> </tbody> </table>	Description	Area	FSI area	1,86,513.21 Sq.m	Non FSI area	1,52,151.82 Sq.m	Total construction area	3,38,665.03 Sq.m
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Non FSI area	1,52,151.82 Sq.m								
Total construction area	3,38,665.03 Sq.m								
Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Ground Coverage= 57.71 %								
Estimated cost of the project	Rs 11.05 Cr. (Amendment)								
No. of building & its configuration(s)									
DESCRIPTION	As per Amended EC obtained on 27/02/2013	Amendment proposed now							
No of building	5	6							
BUILDING CONFIGURATION	TOWER 5 A&B - B3+B2+B1+GR+36 FLOORS	TOWER 5 A&B - B3+B2+B1+GR+36 FLOORS							
	TOWER 6A & B - B2+B1+GR+36 FLOORS	TOWER 6A & B - B2+B1+GR+36 FLOORS							
	TOWER 7A,B,C - B2+B1+GR+20 FLOORS	TOWER 7A,B,C - B2+B1+GR+20 FLOORS							

	TOWER 8A&B - B3+B2+B1+GR+36 FLOORS	TOWER 8A&B - B3+B2+B1+GR+36 FLOORS	
	TOWER 9 - B3+B2+B1+GR+36 FLOORS	TOWER 9 A - B2+B1+LG+ UG+37 FLOORS TOWER 9 B (club house) - B2+B1+LG+ UG +4 FLOORS	
Number of tenants and shops	Total no of tenants for project:1137 no's Proposed amendment:9A building-144 no's +9B (one club house)		
Number of expected residents / users	Total no residents in project-5685 no's Proposed amendment: 9A Building -720 no's+9B (one club house)		
Tenant density per hector	252.66/hectare(total project) 32.0/hectare (amendment)		
Height of the building(s)	TOWER 5 A&B – 119.05 Mts. TOWER 6A & B -- 119.05 Mts. TOWER 7A,B,C – 65.65 Mts. TOWER 8A&B - 119.05 Mts. TOWER 9 A – 127.30 Mts. TOWER 9 B (club house) – 25.2 Mts.		
Right of way (Width of the road from the nearest fire station to the proposed building(s))	13.41 M W Pascal Wadi Road		
Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Minimum 9 m wide road available all along		
Existing structure(s)	Building constructed as per Earlier EC.		
Details of the demolition with disposal	Not Applicable.		
Total Water Requirement	Total Water requirement for the project:881 KLD for (9A building & 9 B club house) Dry Season : Source :MCGM / Treated water from STP		
	Particulars	Qty (KLD)	
	Fresh Water	94 KLD	
	Recycled Water	65 KLD	
	Total Water Requirement	159 KLD	

	Fire Fighting	300 cum
	Wet Season; Source : MCGM/RWH/ treated water from STP	
	Fresh Water	94 KLD
	Recycled Water	55 KLD
	Total Water Requirement	149 KLD
	Fire Fighting	300 cum
Rain Water Harvesting (RWH)	Level of Ground Water Table	4.15 M Below G.L
	Size and Quantity of RWH tank(s) for 9A and 9B	75 cum
	No of RWH tank(s)	2 No's
	Location of the RWH tank (s)	Basement 2
	Recharge Pit Nos. – 15 No's	
	Budgetary allocation (Capital cost and O&M cost)	
	Capital cost	Rs 5.0Lakhs
	O&M cost	Rs 0.40 Lakhs
UGT tanks	Particulars (9A and 9B)	Capacity (CUM)
	Domestic Water Tank	55 cum
	Flushing Water Tank	30 cum
	Fire Water Tank	300 cum
	Rain Water Harvesting Tank	75 cum
	Location of tank	Basement 2
Storm water drainage	Particulars for (9A and 9B)	
	Quantity of storm water	0.0147 (m ³ /sec)
	Size of SWD	0.3m x 0.6m
	Natural Water Drainage Pattern	North to South
Sewage and Waste water	Total sewage generation in the project:706KLD Total STP Proposed for the project:5 STP'S of 755KLD For 9A building and 9B(CLUBHOUSE)	
	Sewage generation	120 KLD
	STP technology	125 KLD(2 STP'S -100KLD &25 KLD)
	Capacity of STP	MBBR
	Location of the STP	Basement 1
	DG sets (during emergency)	load has been considered
	Budgetary allocation (Capital cost and O&M cost)	
	Capital cost	Rs 23.0 Lakhs
	O&M cost	Rs 2.5 lakhs /annum

Solid waste Management	Total Solid waste generation for the project:3040kg/day		
	Biodegradable waste=1765 kg/day		
	Non Biodegradable waste=1275 kg/day		
	Waste generation in the Pre Construction and Construction phase		
	Waste generation: 9A building and 9B building.		
	55,000 cum of excavated qty 10% of Top soil will be preserved for landscaping and rest will be used for back filling		
	Sr.no	Particulars	
		Quantity (Kg/day) 9A & 9B	
	1	Bio Degradable Waste	275
	2	Non Bio Degradable waste	282
	3	Total Waste	557
	5	Hazardous waste	NA
	6	Biomedical waste	NA
	7	STP sludge	6
	Mode of Disposal of Waste:		
Dry waste: To be hand over to Local Recyclers for recycling			
Wet Waste: To be processed in the OWC. Manure obtained shall be used for landscaping / Gardening, Excess manure shall be sold to nearby end users.			
E-Waste: NA			
Hazardous Waste: NA			
Biomedical Waste: NA			
STP Sludge (Dry Sludge): To be used as a manure			
OWC capacity	up to 500 Kg /day		
Motor	6 HP		
Machine Room with Shredder	3.3 m x 2.5 m x 2.0 m i.e 8.25 Sq.m		
Space left for movement	1.5 mt around the machine		
Waste Processing / batch	100 kg/ batch in 15 min		
Time for total waste	Approx 1.5 Hrs		
Power requirement	4.47 kW		
Average electrical consumption per day	6.70 Units / day		
Shelf required to store the entire 15 days processed waste	Size : 365 x 122 x 235 cm Shelves required : 5 No's Total area for shelf : 22.25 Sq.m		
Area required after 2 ft space between shelves	45 Sq.m		
Bin Area for segregated waste (2ft space between bins)	Bin Size : 1300 mm x 770 mm x 1180 mm Total Bin : 4 No's Area : 6.84 Sq.m		

	<table border="1"> <tr> <td>Total area required for SWM</td> <td>75.5 Sq.m</td> </tr> </table> <table border="1"> <tr> <td colspan="2">Location: Ground level</td> </tr> <tr> <td colspan="2">Budgetary allocation (Capital cost and O&M cost)</td> </tr> <tr> <td>Capital Cost</td> <td>Rs 19.60 lakhs</td> </tr> <tr> <td>O & M Cost</td> <td>Rs 2.18 lakhs / annum</td> </tr> </table>	Total area required for SWM	75.5 Sq.m	Location: Ground level		Budgetary allocation (Capital cost and O&M cost)		Capital Cost	Rs 19.60 lakhs	O & M Cost	Rs 2.18 lakhs / annum																
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Green Belt Development	<p>Total RG on ground for the project –18080.39 sq.m Trees to be planted in the RG = 540 No's of trees Number and list of trees species to be planted around the border of nallah /stream/pond(if any): NA Number, size, age and species of trees to be cut, trees to be transplanted: Nil NOC for the tree cutting/transplantation/ compensatory plantation, if any: -- Budgetary allocation (Capital cost and O&M cost) Capital Cost –23Lakhs O & M Cost –9.3Lakhs</p>																										
Energy	<p>Power Supply : Total connected load for the project:36399 kW Total Maximum Demand for the project:14652 kW For 9A building and 9B(Club house)</p> <table border="1"> <thead> <tr> <th>Sr.No</th> <th>Particulars</th> <th>Power requirement</th> <th>Units</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Connected load</td> <td>9A- 4107 9B-1133</td> <td>Kw</td> </tr> <tr> <td>2</td> <td>Demand load</td> <td>9A-1140 9B-639</td> <td>Kw</td> </tr> <tr> <td>3</td> <td>DG selected for 9A</td> <td>1 X 625</td> <td>kVA</td> </tr> <tr> <td>4</td> <td>DG selected for 9B</td> <td>1 X 500</td> <td>kVA</td> </tr> </tbody> </table> <p>Energy saving by non-conventional method: 9A building : 20% Energy saving by non-conventional method: 9B (club house) 20%</p> <p>COMPLIANCE OF THE ECBC GUIDELINES:-- yes</p> <table border="1"> <tr> <td>Sr. No.</td> <td>The energy consumption analysis and data sheets are as per the Energy Conservation Building Codes 2007 / Bureau of Energy Efficiency. Following are the methods proposed for the project achieving the same</td> </tr> <tr> <td>1</td> <td>Lifts are proposed on VFD drives for saving in energy consumption.</td> </tr> <tr> <td>2</td> <td>Internal common area lighting are proposed to work on high energy</td> </tr> </table>	Sr.No	Particulars	Power requirement	Units	1	Connected load	9A- 4107 9B-1133	Kw	2	Demand load	9A-1140 9B-639	Kw	3	DG selected for 9A	1 X 625	kVA	4	DG selected for 9B	1 X 500	kVA	Sr. No.	The energy consumption analysis and data sheets are as per the Energy Conservation Building Codes 2007 / Bureau of Energy Efficiency. Following are the methods proposed for the project achieving the same	1	Lifts are proposed on VFD drives for saving in energy consumption.	2	Internal common area lighting are proposed to work on high energy
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	efficient lamps (LED) as specified in bureau of energy efficiency, which again results in saving in general consumption. The Lighting Power Density (LPD) works out to less than 1W/m ² but achieving the required 200LUX for ambient lighting
3	Part of the external lighting is proposed on solar. These lights will be placed at critical junctions and lit round the night.
	The remaining lighting will be on timer circuits to achieve max. savings.
4	Total lighting is proposed in stages of operation with manual switch on and timer based.

Budgetary allocation (capital cost and O&M cost) –
 Capital Cost : Rs 51 lakhs
 O & M Cost :Rs.15.3 lakhs
 Number and capacity of DG sets to be used: Proposed for emergency
 Type of fuel used: HSD.

Environmental Management plan Budgetary Allocation	EMP for construction phase During construction work-	
	Sr .No	Particulars
		Cost
		In lakhs
	1	Water sprinkling
	2	Health, safety & first aid facility
	3	Sanitary facility and waste water management
	4	Environmental Monitoring
		Total Cost
2. Installation of EMP services-(9A and 9B)		
Sr no	Method Adopted	Setting-up Cost (Rs Lakhs)
1	Rain Water Harvesting	5.0
2	Solid waste management	19.60
3	Wastewater management	23.0
4	Energy saving	51.00
5	Fire fighting	35
6	Landscaping	23
	Total	156.6
EMP for operation phase: Operation phase EMP-(9A and 9B)		
Sr no	Method Adopted	Annual Maintenance and Operational Cost (Rs Lakhs)
1	Rain Water Harvesting	0.40
2	Solid waste	2.18

		management																											
	3	Wastewater management	2.5																										
	4	Energy saving	15.3																										
	5	Fire fighting	2.8																										
	6	Landscaping	9.3																										
		Total	31.37																										
	<p>Quantum and generation of Corpus fund and commitment: After occupancy, Co-op societies will form. The societies will form federation. The operation & maintenance of environmental management facilities (EMF) shall be taken care by the developers till the society is formed. Afterwards, EMF shall be handed over to society/federation. funds for recurring cost on EMP shall be generated from the tenants of the society by specifically mentioning in the sale agreement</p>																												
Traffic Management	<p>No of Junction to the main road and design of confluence: The project site is accessible through the existing 13.41 M W Pascal Wadi Road <u>Parking details:</u> Number and area of basement: 3 no's Number and area of podia : nil Total Parking area: 102,245.72 Sq.M 4-Wheeler : 2470 no's (for total project)</p> <table border="1"> <thead> <tr> <th>BLDG NO.</th> <th>PARKING REQUIRED/PROVIDED</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td>5A</td> <td>528</td> <td rowspan="6">As per approvals</td> </tr> <tr> <td>5B</td> <td>413</td> </tr> <tr> <td>6A</td> <td>170</td> </tr> <tr> <td>6B</td> <td>170</td> </tr> <tr> <td>7A,B&C</td> <td>326</td> </tr> <tr> <td>8A</td> <td>260</td> </tr> <tr> <td>8B</td> <td>170</td> <td rowspan="3">Due to DCR</td> </tr> <tr> <td>9A</td> <td>360</td> </tr> <tr> <td>9B</td> <td>73</td> </tr> <tr> <td>TOTAL</td> <td>2470</td> <td></td> </tr> </tbody> </table> <p>2W Parking for the total project: 569 no's Public Transport: NA Width of all Internal roads (m): 12.00 mt, 9mt wide</p>			BLDG NO.	PARKING REQUIRED/PROVIDED	REMARKS	5A	528	As per approvals	5B	413	6A	170	6B	170	7A,B&C	326	8A	260	8B	170	Due to DCR	9A	360	9B	73	TOTAL	2470	
BLDG NO.	PARKING REQUIRED/PROVIDED	REMARKS																											
5A	528	As per approvals																											
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9A	360																												
9B	73																												
TOTAL	2470																												
CRZ/RRZ Clearance obtain, if any	Received vide letter no. TPB 2001/1565/CR-189/2001/UD-12 dated 6 th October 2001.																												
Distance from Protected Area/Critically Polluted area/Eco-sensitive areas /inter-State boundaries	Not Applicable																												

	Status of the Approval	Name of the competent Authority	Date of issued letter
CFO NOC for the above said building structure(s)	In process	--	--
HRC NOC for the above said building structure(s) (if applicable)	In process	--	--
NOC for the above said building structure(s) from the aviation authority (if applicable)	Received	AAI	19.02.2009 Revalidated in 2014 Revised in 3-08-2015
Consent for the water for the above said detail(s)	In Process	MCGM	Building 5-9.07.2013 Building 6-26.06.2015 Building 7-11.07.2015 Building 8-19.08.2015
Consent for the drainage for the above said detail(s)	Received	SWD REMARK - MCGM	07.02.2014
Consent for the electric supply for the proposed demand	Received	TATA POWER	10-06-2013
Precertification for Green Building from Indian Green Building Council and other recognized institutes (if applicable)	Received		December 2013

The SEIAA noted following comparative changes due to proposed expansion/ amendment:

SR. NO	DESCRIPTION	As per Amended EC obtained on 27/02/2013	Amendment proposed	Remarks
1	PLOT AREA	45,263.86 sq.m	45,263.86 sq.m	Plot area remains same
2	FSI AVAILABLE	1+TDR	1+TDR	same
3	FSI AREA	1,75,281.14 sq.m	1,86,513.21 sq.m	Increase in 11232.07 sq.m of FSI area due to change in footprint of the building 9 which is not yet constructed.
4	NON FSI AREA	1,35,740.33 sq.m	1,52,151.82 sq.m	Increase in 16411.49 sq.m area
5	TOTAL	3,11,021.48 sq.m	3,38,665.03	Increase in 27643.55 sq.m

	CONSTRUCTION AREA		sq.m	construction area
6	NO OF TENEMENTS	1129	1137 + Club House	Increase in 8 tenements & adding club house building.
	Population	5645 no's	5685 no's + club house	increase in 40 no of residents.

Sr. No	Description	As Per Amended Ec Obtained On 27/02/2013	Amendment Proposed	Remarks
7	Building Configuration	Tower 5 A&B - B3+B2+B1+Gr+36 Floors	Tower 5 A&B - B3+B2+B1+Gr+36 Floors	No Change
		Tower 6a & B - B2+B1+Gr+36 Floors	Tower 6a & B - B2+B1+Gr+36 Floors	No Change
		Tower 7a,B,C - B2+B1+Gr+20 Floors	Tower 7a,B,C - B2+B1+Gr+20 Floors	No Change
		Tower 8a&B - B3+B2+B1+Gr+36 Floors	Tower 8a&B - B3+B2+B1+Gr+36 Floors	No Change
		Tower 9 - B3+B2+B1+Gr+36 Floors	Tower 9 A - B2+B1+Lg+ Ug+37 Floors Tower 9 B (Club House) - B2+B1+Lg+ Ug +4 Floors	Building 9a – One Floor & 9b Building (Club House)
8	No. Of Buildings	5 Buildings	6 Buildings	Addition Of 1 Building (From 9 To 9a & 9b)
9	Ground Coverage	49.86 %	57.71 %	Increase In 7.85%
10	Building Height	Tower 5 A&B – 119.05 Mts. Tower 6a & B -- 119.05 Mts. Tower 7a, B, C – 65.65 Mts. Tower 8a&B - 119.05 Mts. Tower 9 - 118.17 Mts.	Tower 5 A&B – 119.05 Mts. Tower 6a & B -- 119.05 Mts. Tower 7a,B,C – 65.65 Mts. Tower 8a&B - 119.05 Mts. Tower 9 A – 127.30 Mts. Tower 9 B (Club House) – 25.2 Mts.	Height Of Building Increased For Tower 9a By 9.13 Mts

SR. NO	DESCRIPTION	As per Amended EC obtained on 27/02/2013	Amendment proposed	Remarks
11	TOTAL WATER REQUIREMENT	847 KLD	881KLD	34 KLD increase due to increase in occupancy
a	Waste water	680 KLD	706 KLD	Increase by 26 KLD
b	Capacity of STP	730 KLD	755 KLD	25 KLD increase
c	No of STP's	730 KLD (4 STP)	755 KLD (5	Adding one more

			STP)	STP 25 KLD for club house
12	SOLID WASTE MANAGEMENT			
a.	Total waste	2823 kg/Day	3040 kg/Day	217 kg/Day increase
b.	Biodegradable Waste	1694 kg / Day	1765 kg/ Day	71 kg / Day increase
c.	Non biodegradable Waste	1129 kg / Day	1275 kg / Day	146 kg / Day increase
13	Power requirement	Connected load- 35266 kw Maximum load – 14013 kw	Connected load- 36399 kw Maximum load – 14652 kw	Increased by 3 % Increased by 4.5 %
14	RG Area	18080.39 sq.m	18080.39 sq.m	area remains same
15	PARKING DETAILS	2116 no's	2470 no's	354 no's increase (as per DCR)

3. The proposal has been considered by SEIAA in its 98th 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 :

General Conditions for Pre- construction phase:-

- (i) This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any. Judgments/orders issued by Hon'ble High Court, Hon'ble NGT, Hon'ble Supreme Court regarding DCR provisions, environmental issues applicable in this matter should be verified. PP should submit exactly the same plans appraised by concern SEAC and SEIAA. If any discrepancy found in the plans submitted or details provided in the above para may be reported to environment department. This environmental clearance issued with respect to the environmental consideration and it does not mean that State Level Impact Assessment Authority (SEIAA) approved the proposed land use.
- (ii) If applicable, to leave clear cut side margin of 6 m from the boundary of the plot and open space and non-paved RG area should be on ground as per the orders of Hon'ble Supreme Court (Civil Appeal No. 11150 of 2013 and SLP (Civil) No. 33402/2012) dated 17th December 2013.
- (iii) Relocate sauna room form 3rd floor to ground floor.
- (iv) All service area should be in the ground floor and to avoid affecting the slab.
- (v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2011.
- (vi) Occupation certificate shall be issued to the project by Local Planning Authority only after ensuring availability of drinking water and connectivity of the sewer line to the project site.
- (vii) 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.

- (viii) PP has to abide by the conditions stipulated by SEAC & SEIAA.
- (ix) 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.
- (x) "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.
- (xi) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.

General Conditions for Construction Phase-

- (i) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche and First Aid Room etc.
- (ii) 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.
- (iii) 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.
- (iv) 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.
- (v) Arrangement shall be made that waste water and storm water do not get mixed.
- (vi) All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.
- (vii) 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.
- (viii) Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (ix) 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.

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- (x) 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.
 - (xi) 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.
 - (xii) 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.
 - (xiii) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.
 - (xiv) 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.
 - (xv) 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.
 - (xvi) 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).
 - (xvii) Ready mixed concrete must be used in building construction.
 - (xviii) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of firefighting equipment's etc. as per National Building Code including measures from lighting.
 - (xix) Storm water control and its re-use as per CGWB and BIS standards for various applications.
 - (xx) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
 - (xxi) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.
 - (xxii) 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 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% gray water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.

- (xxiii) 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.
- (xxiv) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.
- (xxv) 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.
- (xxvi) 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.
- (xxvii) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
- (xxviii) 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.
- (xxix) 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.
- (xxx) 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.
- (xxxi) 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.
- (xxxii) 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.

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- (xxxiii) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
- (xxxiv) 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.
- (xxxv) 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.
- (xxxvi) Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.

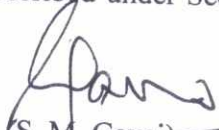
General Conditions for Post- construction/operation phase-

- (i) 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.
- (ii) 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.
- (iii) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
- (iv) A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
- (v) In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
- (vi) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (vii) 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.
- (viii) 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 <http://ec.maharashtra.gov.in>.

- (ix) 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.
 - (x) 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.
 - (xi) 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, SO₂, NO_x (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.
 - (xii) 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.
 - (xiii) 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.
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 Environmental 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 for a period of 7 years as per 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

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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 environmental 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.


(S. M. Gavai)
Member Secretary, SEIAA

Copy to:

1. Shri. Johnny Joseph, Chairman, IAS (Retd.). SEAC-II, office of the Lokayukta and New Up- Lokayukta, New Administrative Building, 1st floor, Madam Cama Road, Mumbai.
2. Additional Secretary, MOEF, 'MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
3. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
4. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
5. Managing Director, MSEDCL, MG Road, Fort, Mumbai
6. Collector, Mumbai.
7. Commissioner, Municipal Corporation of Greater Mumbai (MCGM)
8. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
9. Regional Office, MPCB, Mumbai
10. Select file (TC-3)

(EC uploaded on)

Government of Maharashtra

SEAC- 2010/CR. /TC.2
Environment department,
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai 400 032
Date: 22nd March, 2013

To,
Raheja Universal (Pvt). Ltd.
Raheja Centre Point,
294, C.S.T Road, Kalina,
Santacruz (E), Mumbai- 400 098.

Subject: - Amendment in Environmental clearance for Raheja Exotica project at at 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C Village Erangal, Patil wadi Road, Malad (E), Mumbai - Environmental clearance regarding.

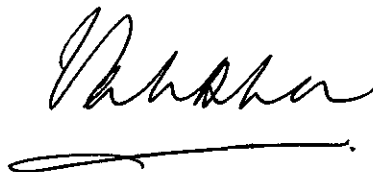
Reference- Even number environment clearance letter dated 22nd August, 2007

Sir,

This has reference to your letter dated 27th February, 2013 on the above mentioned subject.

2. Project information from documents submitted by you & considered by SEAC & SEIAA was summarized in even number environment clearance letter dated 22nd August, 2007. Your request regarding amendment in EC letter considered in 57th SEIAA meeting. Accordingly information on following points are modified as-

Sr. No.	Points	Proposed Amendment
1	Building Configuration	As per approved EC, five towers was approved for 115.65 mtrs of height (comprising 4 Podium + Stilt + 30), Now PP has reduced height of one building from 115.65 mts to 65.65 mts (comprising 2 Basements + stilt + 20 upper floors) and the height of balance buildings has been revised to 119.05 m. (3 Basements + Stilts + 36 upper floors) due to addition of fungible FSI. a) The numbers of building remains



Sr. No.	Points	Proposed Amendment
		same.
2	Increase in FSI Area	FSI area is increased from 1,45,000.00 m ² to 1,75,281.15 m ² . This increase is due to inclusion of fungible area in FSI area (as per the Modified DCR of Jan 2012). Due to the fungible F.S.I. 34981.27 m ² of Non F.S.I. areas like balconies and common passages have been made part of F.S.I. areas
3	Non FSI area is decreased	The non F.S.I. component has reduced from 1,59,964.21 m ² to 1,35,740.33 m ² due to the following reasons. a) Due to the fungible F.S.I. a lot of Non F.S.I. areas like balconies and common passages have been made part of F.S.I. areas thereby reducing the Non F.S.I. areas. b) Plans have been optimized to reduce the non F.S.I. areas to optimize cost of construction.
4	Total Construction area	The total construction area has marginally increased from 3,04,964.21 m ² to 3,11,021.48 m ² .
5	Number of Tenements	No. of tenements has reduced from 1,160 to 1,129 with No. of buildings remaining the same.

2. Terms and conditions stipulated in even number environment clearance letter dated 22nd August, 2007 remains the same.



(Valsa R Nair Singh)
Secretary, Environment
department &MS, SEIAA

Copy to:

1. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEIAA, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerla.

2. Shri. Dr. S. Devotta, Chairman, SEAC, T2/302 Sky City, Vanagaram –Ambattur Road, Chennai – 600 095
3. Additional Secretary, MOEF, 'Paryavaran Bhawan' CGO Complex, Lodhi Road, New Delhi – 110510
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).
6. Regional Office, MPCB, Mumbai.
7. Collector, Mumbai.
8. Commissioner, Bhrun Mumbai Municipal Corporation, Mumbai
9. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
10. Select file (TC-3).

By Speed Post

No. 21-327/2007-IA .III
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan,
CGO Complex, Lodhi Road
New Delhi 110003
Dated: August 22, 2007

To

✓
M/s. K. Raheja Universal Pvt. Ltd.
Raheja Centre Point,
294, CST Road,
Near Mumbai University,
Off Bnadra Kurla Complex,
Santacruz (E),
Mumbai-400098.

Subject: Environmental Clearance for proposed construction of residential complex, "Raheja Exotica" at Village Erangal, Patilwadi Road, Malad(E), Mumbai.

Sir,

I am directed to refer to your application seeking prior environmental clearance for the above project under the EIA Notification 2006. The above proposal has been appraised as per prescribed procedure on the basis of the mandatory documents enclosed with the application viz. the Form 1, Form 1A and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee (EAC) constituted by the competent authority in its 19th meeting held on July 27-28, 2007.

2. The project proponent is proposing for construction of residential complex, "Raheja Exotica" at S. No. 2053-C & C-I 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C off Village Erangal, Tal. Borivali of Malad-MDH Road, Maharashtra a cost of Rs.609.92 crore. The project involves construction of 6 towers as per details given below:

S.No.	Component	Number of Flats
1.	Tower-A (5 BHK)	60
	Tower-B (4 BHK)	60
	Tower-C (3 BHK)	60
	Tower-D (3 BHK)	385
2.	Tower-E (3 BHK)	116
3.	Tower-F (3 BHK)	480

The total plot area is 45,263.86 sq. m. The total built up area as indicated is 3,04,964.21sq.m. Total water requirement will be 858 cu.m./day and total wastewater generation will be 705 cu.m./day. The waste water generated will be treated in STP having treatment capacity of 750 cu.m and remaining will

be discharged into the municipal sewer. The treated wastewater will be used for gardening and flushing. The solid waste generated from the complex will be 2610 kg/day. The solid waste will be segregated into biodegradable and non biodegradable waste. The biodegradable waste will be composted by in vessel composting process. The parking space proposed is for 2116 cars.

3. The report submitted along with the application predicts that there will be minor negative impact on ambient air quality during construction phase. There will be no significant impact on ambient noise levels during construction as well as operation phase. There will be positive impact on land use pattern due to landscaping and greenbelt development. Plantation of trees and development of recreational area, surrounding area will have positive impact on overall land use.

4. The EAC after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations have awarded "platinum" and recommended the grant of environmental clearance for the project mentioned above subject to compliance with the EMP and other stipulated conditions. Accordingly, the Ministry hereby accords necessary environmental clearance for the project subject to the strict compliance with the specific and general conditions mentioned below:

PART A- SPECIFIC CONDITIONS

I. Construction Phase

- i. Consent for establishment shall be obtained from the State Pollution Control Board/Pollution Control Committee under Air and Water Act and a copy of the same shall be submitted to the Ministry before start of any construction work at site.
- ii. For disinfection of waste water ultra violet radiation shall be used in place of chlorination.
- iii. Vehicles hired for construction activities should be operated only during non-peak hours.
- iv. All the top soil excavated during construction activities should be stored for use in horticulture/landscape developments within the project site.
- v. Ready mixed concrete shall be used in building construction.
- vi. Water demand during construction shall be reduced by use of pre mixed concrete, curing agents and other best practices.
- vii. Permission to draw ground water shall be obtained from competent authority prior to construction/operation of the project.
- viii. Separation of gray and black water should be done by the use of dual plumbing line. Treatment of 100% gray water by decentralized treatment should be done.
- ix. 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.
- x. Use of glass may be reduced upto 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.

- xi. Roof should meet the prescriptive requirement as per energy conservation building code by using appropriate thermal insulation material to fulfill requirement.
- xii. 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 aspirational for non air conditioned spaces by use of appropriate thermal insulation to fulfill requirement.
- xiii. Storm water control and its reuse should be as per Central Ground Water Board and BIS standards for various applications.
- xiii. Necessary approval of competent authority of State Forest Department shall be obtained before starting construction.
- xiv. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
- xv. Soil and ground water samples will be tested to ascertain that there is no threat to groundwater quality by leaching of heavy metals and other toxic contaminants.
- xvi. A First Aid Room will be provided at the project site both during construction and operation of the project.
- xvii. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- xviii. Disposal of muck including excavated material during construction phase should not create any adverse effects on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people.
- xix. Diesel power generating sets used during construction phase should be of "enclosed type" to prevent noise and should conform to rules made under Environment (Protection) Act 1986, prescribed for air and noise emission standards.
- xx. Ambient noise levels should conform to standards both during day and night when measured at boundary wall of the premises. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.
- xxi. The construction agencies shall use flyash based material/ products as per the provisions of fly ash notification of 14.9.1999 and as amended on 27.8.2003.
- xxii. Vehicles hired for bringing construction material at site should be in good condition and should have valid "pollution under check"(PUC) certificate and to conform to applicable air and noise emission standards and should be operated only during non-peaking hours.
- xxiii. Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they should not leach into the ground water.
- xxiv. Any hazardous waste generated during construction phase should be disposed of as per applicable Rules & norms with necessary approvals of the Haryana Pollution Control Board.
- xxv. 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.

xxvi 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 had started without obtaining environmental clearance.

II. Operation Phase

The environmental clearance recommended to the project is subject to the specific conditions as follows:

- i. Necessary permission of competent authority shall be taken to store diesel in the premises for operation of DG set.
- ii. Diesel power generating sets proposed as source of back up power for lifts and common area illumination should be of "enclosed type" and conform to rules made under Environment (Protection) Act 1986, prescribed for air and noise emission standards as per CPCB guidelines. Exhausts should be discharged by stack, raised to 4 meters above the rooftop.
- iii. 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.
- iv. Noise barriers should be provided at appropriate locations so as to ensure that the noise levels do not exceed the prescribed standards.
- v. Weep holes in the compound walls shall be provided to ensure natural drainage of rainwater in the catchment area.
- vi. The sewage treatment plant of adequate capacity should be provided to treat sewage generated and it should be certified by an independent expert for adequacy as well as efficiency and should submit a report in this regard to the Ministry before the project is commissioned for operation. The wastewater should be treated to tertiary level and after treatment reused for flushing and gardening. Discharge of treated sewage, if any, shall conform to the norms & standards prescribed by Maharashtra State Pollution Control Board.
- vii. Rainwater harvesting and ground water recharging shall be practiced. Oil & Grease trap shall be provided to remove oil and grease from the surface run off and suspended matter shall be removed in a settling tank before its utilization for rainwater harvesting.
- viii. The solid waste generated should be properly collected & segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to approved sites for land filling after recovering recyclable material.
- ix. Any hazardous waste including biomedical waste should be disposed of as per applicable Rules & norms with necessary approvals of the Maharashtra State Pollution Control Board.
- x. The green belt design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.
- xi. Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.
- xii. The ground water levels and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- xiii. A Report on the energy conservation measures should be prepared incorporating details about building materials & technology, R & U Factors etc and submitted to the Ministry in three months time.

xiv. The values of R & U for the building envelope should meet the requirements of the hot & humid climatic location. Details of the building envelope should be worked out and furnished in three months time.

xv. Energy conservation measures like installation of solar panels for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

PART – B. GENERAL CONDITIONS

i) This environmental clearance is subject to Hon'ble Supreme Court's decision regarding siting of housing project near wildlife sanctuary.

ii) The environmental safeguards contained in the documents should be implemented in letter and spirit.

iii) Provision should be made for the supply of kerosene or cooking gas and pressure cooker to the laborers during construction phase.

iv) All the laborers to be engaged for construction works should be screened for health and adequately treated before the issue of work permits.

v) 6 monthly monitoring reports should be submitted to the Ministry and its Regional Office.

5. Officials from the Regional Office of MOEF, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF should be forwarded to the CCF, Regional office of MOEF, Bhopal.

6. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.

7. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

8. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department (if required), State Forest Department, Wildlife Act 1972, CRZ Rules etc. shall be obtained by project proponents from the competent authorities.

9. A copy of the environmental clearance letter would be marked to the local NGO(s) for their information.

10. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Maharashtra State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <http://www.envfor.nic.in>. The advertisement should be made within 7 days from

the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.

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

12. The project authority shall enter in to MOU with all buyers of the property to ensure operation and maintenance of the assets of the buildings.

(K.C. RATHORE)
Additional Director (IA)
rathore27@yahoo.com
Tele: 24360789

Copy to: -

1. The Secretary, Department of Environment, Government of Maharashtra, New Administrative Building, 15th Floor, Opp. Mantralaya, Mumbai.
2. The Member Secretary, Maharashtra State Pollution Control Board, Kalptaru Point, 3rd Floor, Near Sion Circle Opp. Cine Planet Cinema, Sion(E), Mumbai.
3. The CCF, Regional Office, Ministry of Environment & Forests, Bhopal.
4. IA - Division, MOEF, New Delhi - 110001.
5. Guard file.

(K. C. RATHORE)
Additional Director (IA)

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/ 24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
E-mail: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd - 4th Floor
Opp. Cine Planet Cinema,
Near Sion Circle, Sion (E)
Mumbai-400 022.

Consent order No: - Format1.0/BO/CAC-cell/CO(Part)/CAC- 17/2000354
Date- 11/12/2017

To,
M/s. Raheja Universal Pvt. Ltd.
Raheja Exotica, CTS No. 1965, 2053/B, 2053/C & C-1, 2053D, 2053E, 2055B and 2055C, Village - Erangal,
Patiwadi Road, Malad (W), Mumbai

Subject: 1st Consent to Operate (Part-II) for Residential Project in RED category.

Ref :

1. Environmental Clearance granted by MoEF, GoI, vide no. No. 21-327/2007-IA.III dated 22.8.2007.
2. Amendment in Environmental Clearance granted by Environment Department, GoM vide no. No. SEAC-2010/CR/TC.2 dated 22.03.2013.
3. Revalidated and Amended EC granted by Environment Department, GoM vide no. SEAC-2015/CR-131/TC-1 dated 21.06.2016
4. Consent to Establish granted vide no BO/RO(HQ)/CE/CAC-157 dtd. 19.08.2011. Amended Consent to Establish granted vide no BO/CAC-Cell/EIC-MU-6286-14/CE(amend)/CAC-14886 dated 01.12.2015.
5. Your Application approved in 2nd CAC meeting of 2017-18 held on 08.08.2017.

Your application no. 18804

Dated: 05.01.2017

For: 1st Consent to Operate (Part-II) for Residential Project

under Section 26 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 & Other Wastes (M & T) 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 1st Consent to Operate (Part-II) is granted for a period upto 31.07.2020.
2. The actual capital investment of the part project is Rs. 203.45 crs (as per C.A. Certificate submitted by PP) (Estimated Cost of the entire project is 609.92 crs as per C to E dated 01.12.2015)
3. The 1st Consent to Operate (Part-II) is valid for Residential Project of M/s. Raheja Universal Pvt. Ltd., Raheja Exotica, CTS No. 1965, 2053/B, 2053/C & C-1, 2053D, 2053E, 2055B and 2055C, Village-Erangal, Patiwadi Road, Malad(W), Mumbai on Total Plot area of 45,263.86 sq.m. and construction BUA of 89,948 sq.m. out of Total Construction BUA of entire project of 3,38,665.03 sq.m. as per EC dated 21.06.2016, including utilities and services.

4. 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	235	As per Schedule -I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body.

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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	DG set (2 x 630 KVA)	2	As per Schedule -II

6. Conditions under Municipal Solid Waste (Management and Handling) Rule, 2000:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable	411 kg/day	OWC	Manure
2	Non-Biodegradable	411 kg/day	--	Recycle or Hand over to local body
3	STP Sludge		--	Use as manure

7. Conditions under E-Waste (Management and Handling) Rule, 2011 :

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	E-waste	As actual	Nil	Sale to the Authorized-recyclers

8. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	Treatment	Disposal
1.	5.1 Used /spent oil	5.1	8lit/Year	--	Sale to authorized reprocessor

9. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
10. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
11. Project Proponent shall submit affidavit shall submit an affidavit in Board's prescribed format within 15 days regarding compliance of conditions of Environmental Clearance (EC) and Consent to Establish.
12. Project Proponent shall submit the affidavit within 15 days in the prescribed format regarding the part of the built up area/ building for which application for 1st Consent to Operate (Part) is made and that the same is included in the Environmental Clearance accorded.
13. Project Proponent shall comply with the conditions stipulated in Revalidated and Amended EC granted by Environment Department, GoM vide no. SEAC-2015/CR-131/TC-1 dated 21.06.2016.

For and on behalf of the
Maharashtra Pollution Control Board

(P.K. Mirashe)
(P.K. Mirashe)

Member Secretary

Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction. No	Date
1	1220700	TXN1701001714	12-01-2017

Copy to:

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

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A) As per your application, you have provided Sewage Treatment Plants (STPs) with the design capacity of 240 CMD based on SBR Technology.

B) The Applicant shall operate the sewage 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 and Fecal Coliform
01	pH	6.5-9.0
02	BOD (3 days 27°C)	20
03	Suspended Solids	50
04	Fecal Coliform (FC) (Most Probable Number per 100 milliliter, MPN/100ml	<1000

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time. The firm shall affix the separate meter for ensurance of 60% recycling of treated sewage and keep the records of the same.
- 2) 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 shall 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.
- 3) The industry shall 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.
- 4) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made there under for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	Nil
2.	Domestic purpose	259
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	Nil
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and also erected 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 %
1	DG set (2 x 630 KVA)	Acoustic enclosure	28 each	Diesel	@ 0.21 liters/hr/KVA at full load.	1

*Above the roof of building in which it is installed

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines. (Concern section shall mention specific control equipments)
3. The applicant shall 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 ³ .
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4. The Applicant shall 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.
5. 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

Proposed BG:

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period**	Purpose of BG #	Compliance Period	Validity++
1	C to O (part)	Rs. 25 lakh	15 days from date of issue of consent	Towards O & M of pollution control system	Continuous	Validity of this consent + 4 months

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

++ The Bank Guarantee(s) shall be valid for a period upto: Validity of consent + 4 months

Schedule-IV

General Conditions:

- 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 Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling) Rule 2011.
- 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) Applicant 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) Applicant 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) Applicant should make efforts to bring down noise level due to DG set, outside their 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 Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
- 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) Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9) The treated sewage shall be disinfected using suitable disinfection method.
- 10) 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.
- 11) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**

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MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/ 24010437

Fax: 24023516

Website: <http://mpcb.gov.in>

E-mail: cac-cell@mpcb.gov.in
MU-6582-15



Kalpataru Point, 2nd - 4th Floor
Opp. Cine Planet Cinema,
Near Sion Circle, Sion (E)
Mumbai-400 022.

Consent order No: - Format 1.0/BO/CAC-cell/CO(Part)/CAC-9344
Date-

To,

M/s. Raheja Universal Pvt. Ltd.

Raheja Exotica, CTS No. 1965, 2053/B, 2053/C & C-1, 2053D, 2053E, 2055B and 2055C, Village - Erangal,
Off Madh Marve Road, Malad (W), Mumbai

Subject: 1st Consent to Operate (Part-I) for Bldg. No. 7 of Residential Project in RED category.

Ref :

1. Environmental Clearance granted by MoEF, Gol, vide no. No. 21-327/2007-IA.III dated 22.8.2007.
2. Amendment in Environmental Clearance granted by Environment Department, GoM vide no. No. SEAC-2010/CR/TC.2 dated 22.03.2013.
3. Revalidated and Amended EC granted by Environment Department, GoM vide no. SEAC-2015/CR-131/TC-1 dated 21.06.2016
4. Consent to Establish granted vide no BO/RO(HQ)/CE/CAC-157 dtd. 19.08.2011. Amended Consent to Establish granted vide no BO/CAC-Cell/EIC-MU-6286-14/CE(amend)/CAC-14886 dated 01.12.2015.
5. Your Application approved in 3rd CAC meeting of 2016-2017 held on 08.07.2016.

Your application no. CO15010002019

Dated: 12.11.2015

For: 1st Consent to Operate (Part-I) for Bldg. No. 7 of Residential Project

under Section 26 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 Wastes (M, H & T M) Rules 2008 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 1st Consent to Operate (Part-I) is granted for a period upto 31.07.2017.
2. The actual capital investment of the part project is Rs. 142.95 crs (as per C.A. Certificate submitted by PP) (Estimated Cost of the entire project is 609.92 crs as per C to E dated 01.12.2015)
3. The 1st Consent to Operate (Part-I) is valid for Bldg. No. 7 of Residential Project of M/s. Raheja Universal Pvt. Ltd., Raheja Exotica, CTS No. 1965, 2053/B, 2053/C & C-1, 2053D, 2053E, 2055B and 2055C, Village-Erangal, Off Madh Marve Road, Malad(W), Mumbai on Total Plot area of 45,263.86 sq.m. and construction BUA of 62,155 sq.m. out of Total Construction BUA of entire project of 3,38,665.03 sq.m. as per EC dated 21.06.2016, including utilities and services.
4. 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	179	As per Schedule -I	The treated effluent shall be 60% (i.e. 107.4 CMD) recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local

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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	DG set (1 x 500 KVA)	1	As per Schedule -II

6. Conditions under Municipal Solid Waste (Management and Handling) Rule, 2000:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable	420 kg/day	OWC	Manure
2	Non-Biodegradable	280 kg/day	--	Recycle or Hand over to local body
3	STP Sludge		--	Use as manure

7. Conditions under E-Waste (Management and Handling) Rule,2011 :

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	E-waste	As actual	Nil	Sale to the Authorized recyclers

8. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	Treatment	Disposal
1.	5.1 Used /spent oil	5.1	120 lit/Year	--	Sale to authorized reprocessor
2.	33.3 Discarded containers / barrels / liners	33.3	12 Nos/Year		Sale to authorized party

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- Project Proponent shall submit affidavit shall submit an affidavit in Board's prescribed format within 15 days regarding compliance of conditions of Environmental Clearance (EC) and Consent to Establish.
- Project Proponent shall submit the affidavit within 15 days in the prescribed format regarding the part of the built up area/ building for which application for 1st Consent to Operate (Part) is made and that the same is included in the Environmental Clearance accorded.
- Project Proponent shall comply with the conditions stipulated in Revalidated and Amended EC granted by Environment Department, GoM vide no. SEAC-2015/CR-131/TC-1 dated 21.06.2016.
- PP shall apply for amendment in Consent to Establish as per EC dated 21.06.2016 within 15 days.

For and on behalf of the
Maharashtra Pollution Control Board

(P.K. Mirashe)

Member Secretary

Received Consent fee of –

Sr. No.	Amount (Rs.)	DD. No	Date	Drawn On
1	2,84,000/-	080541	03.01.2015	HDFC Bank

Copy to:

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

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided Sewage Treatment Plants (STPs) with the design capacity of 200 CMD based on SBR Technology.
- B] The Applicant shall operate the sewage 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
01	BOD (3 days 27°C)	10
02	Suspended Solids	10
03	COD	50
04	Residual Chlorine	1ppm

- C] The treated effluent shall be 60% (i.e. 107.4 CMD) recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time. The firm shall affix the separate meter for ensurance of 60% recycling of treated sewage and keep the records of the same. PP shall achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit.
- D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.
- 2) 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 shall 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.
- 3) The industry shall 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.
- 4) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made there under for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	Nil
2.	Domestic purpose	Fresh water: 140 CMD
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	Nil
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	Nil

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and also erected 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 %
1	DG set (1 x 500 KVA)	Acoustic enclosure	4.5*	Diesel	@ 0.21 liters/hr/KVA at full load.	1

*Above the roof of building in which it is installed

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines. (Concern section shall mention specific control equipments)
3. The applicant shall 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 ³
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4. The Applicant shall 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.
5. 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).

[Handwritten Signature]

Schedule-III
Details of Bank Guarantees

Proposed BG:

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period**	Purpose of BG #	Compliance Period	Validity++
1	C to O (part)	Rs. 10 lakh	15 days from date of issue of consent	Towards O & M of pollution control system	Continuous	Validity of this consent + 4 months

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

++ The Bank Guarantee(s) shall be valid for a period upto: Validity of consent + 4 months

Schedule-IV

General Conditions:

- 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 Municipal Solid Waste (Management & Handling) Rule 2000 and E-Waste (Management & Handling) Rule 2011.
- 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) Applicant 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) Applicant 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) Applicant should make efforts to bring down noise level due to DG set, outside their 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 Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.
- 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) Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9) The treated sewage shall be disinfected using suitable disinfection method.
- 10) 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.
- 11) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**

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MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/ 24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
E-mail: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd - 4th Floor
Opp. Cine Planet Cinema,
Near Sion Circle, Sion (E)
Mumbai-400 022.

No.: - Format1.0/BO/CAC-cell/UAN No. 0000042132/Amendment in CE/CAC-

Date- 04/01/2019

1901000201

To,
M/s.Raheja Universal (Pvt) Ltd
"Raheja Exotica",
CTS Nos. 1965, 2053/B, 2053/C & C-1,
2053/D, 2053/E, 2055/B & 2055/C,
Village Erangal, Patilwadi Road,
Malad (W), Mumbai.

Sub : Amendment in Consent to Establish with expansion for construction of residential building project in red category.

- Ref.:1. Environment Clearance accorded by MoEF,GOI vide No. 21-327/2007.IA.III dtd 22.8.2007
2. Environment Clearance accorded by Env. Dept,GoM vide No. SEAC-2010/CR/TC-2. 22.3.2013.
3. Amendment in Consent to Establish accorded by Board vide No. MU-6286-14 /CE(Amend) /CAC-14866 dtd. 1.12.2015
4. Environment Clearance for expansion accorded by Env. Dept,GoM vide No. SEAC-2015/CR-131/TC-1. dtd. 21.6.2016
5. Consent to Operate accorded by Board vide No.BO/CAC-Cell/CO(Part)/CAC-9344 dtd. 21.7.2016
6. Consent to Operate accorded by Board vide No.BO/CAC-Cell/CO(Part)/CAC-1712000354B dtd. 11.12.2017
7. Minutes of Consent Appraisal Committee (CAC) meeting held on **17.9.2018**.

Your application No . 0000042132 Dated 7.1.2018

For: amendment in Consent to Establish with expansion for construction of housing project.

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 Wastes (M, H & T M) Rules 2008 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 amendment in Consent to Establish with expansion is granted for a period upto commissioning of project or upto 30.11.2020 whichever is earlier.**
- 2. The capital investment of the remaining project is Rs.11 Cr and CI of total project project is Rs.620.92 Crs (As per undertaking submitted by PP).**
- 3. The amendment in Consent to Establish with expansion for construction of residential building project named as M/s.Raheja Universal (Pvt) Ltd., Raheja Exotica', CTS Nos. 1965, 2053/B, 2053/C & C-1, 2053/D, 2053/E, 2055/B & 2055/C, Village Erangal, Patilwadi Road, Malad (W), Mumbai on Total plot area- 45,263.86 sq. mtrs. and construction remaining BUA of 1,86,562.03 Sq. Mtrs out Total construction BUA 3,38,665.03 sq. mtr as per Expansion in Environmental Clearance dated 21.6.2016 including utilities and services**

4. 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	706 CMD	As per Schedule -I	The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be connected to the sewerage system provided by local body

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

Sr. no.	Description of stack / source	Number of Stack	Standards to be achieved
1.	D.G. Sets (625 KVA)	1 Nos.	As per Schedule -II
2.	D.G. Sets (500 KVA)	1 Nos.	As per Schedule -II
3.	D.G. Sets (275 KVA)	1 Nos.	As per Schedule -II

6. Conditions under Municipal Solid Waste (Management and Handling) Rule, 2000.

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	Bio degradable waste	1765 Kg/Day	organic waste digester along with composting facility/ biodigester (biogas) with composting	Used as manure
2	Non-biodegradable waste	1275 Kg/Day	---	By sale
3	STP Sludge	As per generation	---	Used as manure

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste

Sr. No.	Type Of Waste	Quantity	UOM	Treatment & Disposal
1.	5.1 Used oil/spent oil	8	Ltr/M	Sale to Authorized reprocessor

8. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
10. PP shall submit undertaking in prescribed format regarding compliance of conditions of EC and Consent to Establish condition.
11. PP shall provide adequate capacity of sewage treatment plant so as to achieve treated domestic effluent standard for the parameter BOD- 10 mg/lit.
12. The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening.
13. PP shall install online monitoring system for BOD, TSS and flow at the outlet of STP.
14. PP shall submit BG of Rs. 25 Lakhs towards compliance of EC and consent to establish condition.
15. PP shall install organic waste digester along with composting facility/biodigester (biogas) with composting facility for the treatment of wet garbage.
16. PP has obtained NOC from MCGM dated 9.5.2018 for transportation of construction & demolition waste from construction site to the designated site.

17. This consent is issued with overriding effect on existing consent to Establish issued by Board vide No. BO /CAC-Cell/EIC-MU-6286-14/CE(Amend)/CAC-14886 dated 1.12.2015.
18. This consent is issued subject to the order passed or as may be passed by the Hon'ble Supreme Court of India in special leave petition (Civil No. D23708/2017)
19. PP shall comply conditions stipulated Environment Clearance accorded by Environment Department, GoM vide. SEAC-2015/CR-131/TC-1 dtd. 21.6.2016.

For and on behalf of the
Maharashtra Pollution Control Board

(E. Ravendiran, IAS)
Member Secretary

Received Consent fee of –

Sr. No.	Amount (Rs.)	Transaction number	Date	Drawn On
1.	50,000/-	TXN182001121	9.2.2018	---

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai-IV
- They are directed to submit compliance report regarding consent condition and also ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Mumbai.
3. CC/CAC desk- for record & website updation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

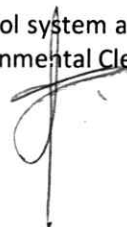
- 1) A) As per your application, you have proposed to provide Sewage Treatment Plants (STP) of Total capacity 755 CMD having MBBR Technology.
- 2) B) The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or 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
01	BOD (3 days 27°C)	10
02	Suspended Solids	10
03	COD	50
04	Residual Chlorine	1ppm

- C) The treated domestic effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be utilized on land for gardening and connected to the sewerage system provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time. Project proponent shall provide flow meter to ensure 60% recycling of treated sewage and shall maintain the record with data logging system. **PP shall achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit. PP shall install online monitoring system for the parameters flow, BOD, TSS at the outlet of STP and shall be connected to MPCB Server.**
- 3) 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 shall 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.
 - 4) The industry shall 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.
 - 5) **The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act,1974 and as amended, and other provisions as contained in the said act**

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	796
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00

- 6) 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/ Environmental Clearance.



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to installed the Air pollution control (APC) system and also erected 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
01.	DG set (625 KVA)	Acoustic Enclosure	4.5*	Diesel	87 Ltr/Hr
02.	DG set (500 KVA)	Acoustic Enclosure	4.5*	Diesel	87 Ltr/Hr
03.	DG set (275 KVA)	Acoustic Enclosure	3.5*	Diesel	46 Ltr/Hr

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

2. The applicant shall 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 ³
--------------------	---------------	------------------------

3. The Applicant shall 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.
4. 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).
5. **Conditions for utilities like Kitchen, Eating Places, Canteens:-**
- The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
 - The toilet shall be provided with exhaust system connected to chimney through ducting.
 - The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).
 - The exhaust hot air from A.C. shall be attached to Chimney at least 5 mtrs. higher than the nearest tallest building through ducting and shall discharge into open air in such a way that no nuisance is caused to neighbors.



Schedule-III
Details of Bank Guarantees

Sr. No.	Consent (C to R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1.	C to E	Rs.25 Lakh	15 Days	Towards compliance of EC and Consent to Establish condition	Up to commissioning or 30.11.2020 whichever is earlier	Continuous

** The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

Existing BG obtained for above purpose if any may be extended for period of validity as above.

Schedule – IV

Conditions during construction phase:

a	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
b	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
c	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.

General Conditions:

- 1) The applicant shall provide facility for collection of environmental samples and samples of trade and 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) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 3) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 4) Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 5) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 6) The firm shall submit to this office, the 30th day of September every year , the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 7) The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the HW(MH&TM) Rules 2016, which can be recycled
- 8) /processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 9) The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- 10) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 11) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 12) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 13) Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.

- 14) Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 15) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 16) 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) 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.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) 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
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 17) The industry should not cause any nuisance in surrounding area.
- 18) The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 19) The applicant shall maintain good housekeeping.
- 20) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 21) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 22) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 23) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 24) The industry shall submit quarterly statement in respect of industries' obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
- 25) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 26) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.
- 27) The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project

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MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781
/4037124/4035273
Fax : 24044532/4024068 /4023516
Email : enquiry@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

Consent order No :- Format1.0/BO/CAC-cell/EIC-MU-6286-14 /CE(amend)/CAC 14886

Date- 01/12/2015

To,
M/s. Raheja Universal Pvt. Ltd,
Raheja Centre Point, 294 CST Road, Kalina,
Kalina, Santacruz (E), Mumbai- 400098

Subject: Amendment in Consent to Establish for Residential Building project "Raheja Exotica" in Orange category.

Ref :

- 1.Environmental Clearance granted vide no. 21-327/2007-IA.III dated 22.8.2007.
- 2.Previous Consent to Establish granted vide no. BO/RO(HQ)/CE/CAC-157 dated 19.10.2011.
- 3.Amendment in Environmental Clearance granted vide no. SEAC-2010/CR./TC.2 dated 22.3.2013.
- 4.Your Application approved in 3rd CAC meeting of 2015-2016 (1st sitting) held on 24.06.2015

Your application CE1409000868

Dated: 09 Sep 2014

For: Amendment in Consent to Establish as per EC for Residential Building project.

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 Wastes (M, H & T M) Rules 2008 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 upto validity of Environmental Clearance or 5 years whichever is earlier.
2. The proposed capital investment of the project is Rs. 609.92 Crs (As per undertaking submitted by project proponent)
3. The Consent to Establish is valid for construction of residential building project "Raheja Exotica" of M/s. Raheja Universal Pvt.Ltd. on plot bearing C.T.S. 2053-C & C-1, 2055-B, 2053-B, 1965, 2053-D, 2053-E, 2055-C, Vill-Erangal, Patil Wadi Road, Malad(W), Mumbai-400064 on total plot area of 45,263.86 sq.m. and total construction built up area 3,11,021.48 sq.m.(FSI+Non-FSI) including utilities and services as per construction commencement certificate issued by local body.

4. 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	0.00	NA	--
2.	Domestic effluent	640.13	As per Schedule -I	The treated effluent shall be 60% recycled for secondary purposes and remaining shall be discharged in to the municipal sewerage system.



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

Sr. No.	Description of stack/ source	Number Of Stack	Standards to be achieved
1	DG Set (3 x 275 KVA)	3	As Per Schedule -II

5. Conditions under Municipal Solid Waste (Management and Handling) Rule, 2000 :

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Dry Waste	1016.10	Kg/Day	Segregation	Hand over to local body
2	Wet Waste	1524.15	Kg/Day	Organic Waste Converter	Use as manure
3	STP Sludge	1000	Kg/Day		Use as manure

6. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	33.3 Discarded containers / barrels / liners	12	Nos/Year	--	CHWTSDF or Authorized Recycler
2	5.1 Used /spent oil	120	Lit/Year	--	Through Authorized recycler

- The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- PP shall submit the affidavit within 15 days in the prescribed format regarding the compliance of conditions of EC clearance and C to E.
- The applicant shall not carry out any development or construction activities in the CRZ area and or any additional development construction work not included in Environmental Clearance till necessary clearance from the competent authority is obtained.
- The applicant shall comply with the conditions stipulated in Environmental Clearance granted by MOEF, GoI vide no. 21-327/2007-IA.III dated 22.8.2007 and amended Environmental Clearance granted by Environment Department, GoM granted vide no. SEAC-2010/CR./TC.2 dated 22.3.2013
- The applicant should not take any effective steps for implementation of the remaining project before obtaining revalidated Environmental Clearance as per EIA Notification 2006 and amendments thereto.

For and on behalf of the
Maharashtra Pollution Control Board



(Dr. P. Anbalagan, IAS)
(Member Secretary)

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	12,20,000/-	015035	13 Aug 2014	HDFC Bank

Copy to:

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

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have provided one Sewage Treatment Plant (STP) with the design capacity of 180 CMD (for completed building) & proposed to provide four more STPs with design capacity of 240, 100, 160 & 70 CMD (for remaining building).
- B] The Applicant shall operate the sewage 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
01	BOD (3 days 27oC)	30
02	Suspended Solids	50
03	COD	100
04	Residual Chlorine	1ppm

- 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.
- 2) 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 shall 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.
- 3) The industry shall 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.
- 4) In case, the water consumption of the project is not covered under the water consumption of local body, in that situation, the project proponent shall submit the CESS Returns in the prescribed format given under the provision of Water (Prevention & Control of Pollution) Cess Act, 1977 and Rules made there under for various category of water consumption.

In case the water consumption is duly assessed under the quantity of water consumption of local body, the project proponent shall submit certificate to that effect from the concern local body with the request not to assess CESS on their water consumption, being already assessed on the water consumption of local body.

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	784.57
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00



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-

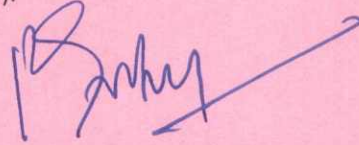
Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type Of Fuel	Quantity	UOM	S%	SO2
1	DG Set (3 x 275 KVA)	--	3.5* each	HSD	46	Ltr/Hr per D.G.Set	1	

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

2. The applicant shall 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 ³ .
--------------------	---------------	--------------------------

3. The Applicant shall 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.
4. 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

Proposed BG:

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period**	Purpose of BG #	Compliance Period	Validity Date++
1	Consent to Establish	Rs. 10 lakh	15 days from date of issue of consent	Towards compliance of consent conditions	Upto Validity of Consent	Validity of Consent + 4 months
2	Consent to Establish	Rs. 10 lakh	15 days from date of issue of consent	Towards not taking effective steps towards implementation of remaining project prior to obtaining revalidated EC	Upto Validity of Consent	Validity of Consent + 4 months

** The above Bank Guarantee(s) shall be submitted by the applicant in favor of Regional Officer at the respective Regional Office within 15 days of the date of issue of Consent.

++ The Bank Guarantee(s) shall be valid for a period upto: Validity of Consent + 4 months

Existing BG obtained for above purpose if any may be extended for period of validity as above.



Schedule-IV

Conditions during construction phase:

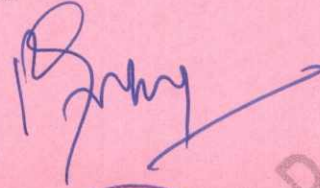
a	During construction phase, applicant shall provide temporary sewage disposal and MSW facility for staff and worker quarters.
b	During construction phase, the ambient air and noise quality should be closely monitored to achieve Ambient Air Quality Standards and Noise by the project proponent through MoEF approved laboratory.
c	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.

General Conditions:

- 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 Municipal Solid Waste (Management & Handling) Rule 2000, Noise (Pollution and Control) Rules, 2000 and E-Waste (Management & Handling Rule 2011.
- 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) Applicant 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) Applicant should make efforts to bring down noise level due to DG set, outside their premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) 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.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) 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 Municipal Solid Waste (Management & Handling) Rule 2000 & E-Waste (M & H) Rule 2011.



- 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) Applicant shall submit official e-mail address and any change will be duly informed to the MPCB.
- 9) The treated sewage shall be disinfected using suitable disinfection method.
- 10) 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.
- 11) **The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.**





Maharashtra Pollution Control Board

जाहीर मोटीस

सुर्व लोकांना ह्या नोटिसीने कळविण्यात येते की, गाव मौजे पालसई, ता. वाडा, जि. ठाणे येथील सर्व्हे नं. ४२६, हि.नं. १, क्षेत्र (हे.आर. प्रति) १-०५-०, ही जमीन मिळकत श्री. गणपत राघो पाटील ह्यांचे मालकीची व कब्जेवहिवाटीची असून ह्या मिळकतीपैकी (हे.आर. प्रति) ०-८०-० इतकी जमीन मिळकत त्यांनी आमचे अशिलांस कायमस्वरूपी विकण्याचे ठरविले आहे व त्याकामी मला क्लिअर आणि मार्केटेबल टायटल देण्याचे आहे. तरी सदर मिळकतीवर कुणाही इसमाचा अथवा संस्थेचा वारसाहक्क, अधिकार, हितसंबंध, दावा, गहाण, दान, तारण वा अन्य हक्क हितसंबंध असेल तर त्यांनी सदर नोटीस प्रसिध्द झाल्यानंतर १४ दिवसांचे आत निम्नस्वाक्षरीकारांच्या खालील प्रत्यावर लेखी कागदपत्राच्या पुराव्यासह कळवावे अन्यथा कुणाचाही तसा हक्क हितसंबंध नाही असे समजून व्यवहार पूर्ण केला जाईल ह्याची कृपया नोंद घ्यावी.

सही/-
श्री. तुषार एम. पाटील
खरेदीदारांचे वकील
गणेश कुटीरजवळ, वाकीपाडा,
चंद्रपाडा, नायगाव (पूर्व), ता.
पालसई, जि. ठाणे.

CORRIGENDUM MCS LTD.

REGD. OFFICE: Harmony, Plot No. 4, Sector-1 -
Khanda Colony, New Panvel(W), Navl, Mumbai- 410 206
Closing period of Share transfer books and
of Register of Members to be noted as from
Friday, the 21st September, 2007 to Friday,
the 28th September, 2007 instead of
erroneously published as 15th September,
2007 to 28th September, 2007 on the
publication of 5th September, 2007.

Aniruddha Mitra
(Whole Time Director)

जाहिरात

नगर भूमापन क्र. २०५३ क,
२०५३ क १, २०५५ ब,
२०५३ ब, १९६५, २०५३ ड,
२०५३ C, २०५३ ई, मौजे
एराळ, ता. बोरिवली येथील
नियोजित निवासी संकुल
'रहेजा एक्झोटिका' यास
भारत सरकारच्या पर्यावरण व
वन मंत्रालयाने पर्यावरणाच्या
दृष्टीकोनातून मान्यता दिली
आहे सदर मान्यतापत्र
महाराष्ट्र प्रदूषण नियंत्रण
मंडळाच्या कार्यालयात
उपलब्ध आहे किंवा पर्यावरण
मंत्रालयाच्या [http://
www.envfor.nic.in](http://www.envfor.nic.in) या
वेबसाईटवर मिळू शकेल.

PUBLIC NOTICE

Our clients propose to acquire the Property more particularly described in the Schedule below from Shanta Rin Gopichand.

All or any person(s) having any right, title, interest or claim by way of inheritance, possession, sale, transfer, exchange, assignment, gift, settlement, trust, lien, mortgage, charge, lease, tenancy, lis pendens, licence, easement, attachment or any nature whatsoever or howsoever in the said property is/are requested to make the same known and submit documentary evidence, in support of his/her/their claim(s) within 10 (Ten) days from the date of publication of this Notice at our address given below failing which the same shall be deemed to have been waived and no claim(s) of any person(s)/ members of the Public shall be binding on our clients.

SCHEDULE

Flat No. 4 admeasuring about 943 sq. ft. (Carpet) equivalent to 87.64 sq. m. on the First floor in building known as "Ahoora Mahal" situated at 93, Marine Drive, Mumbai 400 002 with rights title benefits amenities incidental thereto and therein on plot bearing CS no 1776 of Fort Division within the Registration District and Sub-District of Mumbai City.

September 06, 2007

Address: V J CHOKSI & CO., For V J CHOKSI & Co
301, Jolly Bhavan 2, Sd/-
New Marine Lines,
Mumbai 400 020. Partner

BEFORE THE ARBITRATOR

(U/S 84 of the Multi-State Co-operative Societies Act, 2002)
C/o NKGSB Co-operative Bank Ltd,
Mehta Estate, 1st Floor, Ranade Road, Near Railway Station,
Dadar (W), Mumbai - 400 020



NEYVELI LIGNITE CORPORATION LTD.

MINI RATNA - Government of India Enterprise
 Regd. Office: 'Neyveli House', No.135, Periyar EVR High Rd, Chennai-600 010.
CORP. OFFICE: BLOCK-1, NEYVELI-607 801 TAMIL NADU

NOTICE INVITING BIDS - GLOBAL TENDER ENQUIRY

Sealed bids in English (One original and six identical copies) are invited by NEYVELI LIGNITE CORPORATION LIMITED, NEYVELI for MANUFACTURE AND SUPPLY ON F.O.B / EX - WORKS BASIS IN FULLY ASSEMBLED CONDITION, TESTING AND COMMISSIONING OF 2 NOS. MOTOR GRADERS WITH HYDRAULICALLY OPERATED BLADE AND 'V' TYPE SCARIFIER WITH NOT LESS THAN 9 SHANKS AND WITH ALL ACCESSORIES as per the technical specification enclosed, required for Mine-II Expn.

Tender No.: CO ConTs / 0025K Motor Grader/MII Expn/07, dt.31.08.07
 Bid Guarantee Amount: Rs.2,50,000/- or USD 6170 or Euro 4460
 Cost of Tender document: Rs.5,000/- or USD 125 or Euro 90
 Tender document sale period: From 06.09.2007 to 25.10.2007
 Last date & time for submission of bid: 26.10.2007 upto 14.30 Hrs. (IST)
 Date & time of bid opening: 26.10.2007 at 15.00 Hrs. (IST).
 Pre-bid conference: On 17.10.2007 at 11.00 Hrs. at Conference Hall of Contract Branch, Corporate Office.

NOTICE INVITING TENDERS FOR WORKS

UNIT: MINE-II: Tender Ref: CGM/MII/G&D/PT 72/07-08: Surface preparation and painting the surface areas of MS pipes size 24" dia in Mine-II.

EMD: Rs.2,43,000/- Cost of tender documents : Rs.5,000/-
 Approximate Value of work: Rs.38.80 Lakhs
 Last date & time for sale of tender documents: 27.09.07 upto 15.30 Hrs.
 Last date & time for receipt of tender: 28.09.2007 upto 15.00 Hrs.
 Date & time of tender opening: 28.09.2007 at 15.30 Hrs.

Period of completion: Work is to be commenced within three months from the date of LOI and to be completed within five months from the date of commencement.

FOR FURTHER DETAILS / CORRIGENDUM visit : www.nlcindia.com

PUBLIC SECTOR IS YOURS : HELP IT TO HELP YOU

PUBLIC NOTICE

Our clients propose to acquire the Property more particularly described in the Schedule below from Shanta Rin Gopichand.

All or any person(s) having any right, title, interest or claim by way of inheritance, possession, sale, transfer, exchange, assignment, gift, settlement, trust, lien, mortgage, charge, lease, tenancy, lis pendens, licence, easement, attachment or any nature whatsoever or

ASHIANA AGRO INDUSTRIES LTD.
 A-784, Riico, Industrial Area, Bhiwadi,
 Distt. Alwar (Rajasthan)
NOTICE

Notice is hereby given that the Seventeenth Annual General Meeting of Members of the Company will be held on 28th September, 2007 at 12.30 P. M. at Riico Rest House, Hill Top, Bhiwadi, Distt. Alwar (Rajasthan).

Notice of the said meeting together with Annual Report has been posted to the Shareholders. Notice is further given pursuant to Section 154 of Companies Act 1956 the Register of Members and Share Transfer Books of the company shall remain closed for one day, i.e. on 26th September, 2007.

For Ashiana Agro Industries Ltd.
 Sd/- Company Secretary

Dated 3-9-2007 Place: New Delhi

NOTICE

The proposed residential complex "Raheja Exotica" of bearing C.T.S. No. 2053 C, 2053 C/1, 2055 B, 2053 B, 1965, 2053 D, 2053 E, 2053 C of village Erangal, Taluka Borivali has been accorded environmental clearance by the Ministry of Environment and Forest Govt. of India.

Copy of the clearance letter is available with the Maharashtra Pollution Control Board and the Ministry of Environment and Forest Govt. of India website www.envfor.nic.in

PUBLIC NOTICE

TIMES GLOBAL BROADCASTING COMPANY LIMITED

Regd. Office:
 Trade House, 1st Floor,
 Kamala Mills Compound,
 Senapati Bapat Marg,
 Lower Parel,
 Mumbai-400 013.
 (Notice pursuant to Section 640B of the Companies Act, 1956)

Notice is hereby given pursuant to Section 640B of the Companies Act, 1956 that the Company intends to make an application to the Central Government in terms of Section 269, 387 read with 309/198 and such other provisions as may be applicable of the Companies Act, 1956 for the appointment of Mr. Sunil Lulla, CEO as the "Manager" of the Company, within the meaning of the term as defined under the Companies Act, 1956 and for the payment of remuneration to him in excess of the ceilings prescribed under Schedule XII of the Companies Act 1956, for a period of five years from 1st September being the date of his proposed appointment as Manager.

By Order of the Board of Directors
 For Times Global Broadcasting Company Limited
M. VASUDEV RAO
 General Manager-Legal and Company Secretary
 Place: Mumbai
 Date: September 6, 2007.

PUBLIC NOTICE

The Public is hereby informed that One i) Mr. K. I. Varghese, was owner of Flat no. 26, Situated in the Radha Sadan Co-Operative Housing society Ltd. Mumbai Having Reg.No. B-2666 of 1959 and was allotted share certificate bearing no. 25 (share nos. 8226 to 8229) in the said society.



MUNICIPAL CORPORATION OF GREATER MUMBAI

APPENDIX XXII

FULL OCCUPANCY Under Regulation 6(7)* and BUILDING COMPLETION CERTIFICATE Under Regulation 6(6)*

[CHE/8309/BP(WS)/AP of 27 April 2017]

To,
Mr. Ashish Raheja Director of M/s Raheja Universal (Pvt) Ltd
Raheja Centre point, 294, C.S.T. road, Santacruz (East) Mumbai - 400098.

Dear Applicant/Owners,

The full development work of _____ building comprising of **residential building No 5 having Wing 'A' & 'B' consisting of 3 level Basements + Stilt + 1st to 36th upper floors** on plot bearing C.S.No./CTS No. **1965, 2053/ B, 2053/C,2053/C-1, 2053/D, 2053/E, 2055/B, 2055/C** of village **ERANGAL** at _____ is completed under the supervision of Shri. **SUNIL GAJANAN AMBRE , Architect** , Lic. No. **CA/84/8478** , Shri. **Navendra M Ajugia** , RCC Consultant, Lic. No. **STR/A/15** and Shri. **Mahesh C. Lalla** , Site supervisor, Lic.No. **L/7/SS-I** and as per development completion certificate submitted by architect and as per completion certificate issued by Chief Fire Officer u/no. **FB/HRC/R-IV/66** dated **31 March 2017** . The same may be occupied and completion certificate submitted by you is hereby accepted. **A set of certified completion plan is attached herewith.**

Copy To :

1. Asstt. Commissioner, P/N Ward
 2. A.A. & C. , P/N Ward
 3. EE (V), Western Suburb II
 4. M.I. , P/N Ward
 5. A.E.W.W. , P/N Ward
 6. Architect, SUNIL GAJANAN AMBRE, Aban House,Ground Floor,25/31, Shri Sai Baba Marg,Behind Rythem House,Kalaghoda,Fort
- For information please

Certification signature by Girish
Bhimrao Nikam
<gbnikam@gmail.com> Validity
Unknown

Name : Girish Bhimrao Nikam
Designation : Executive
Engineer
Organization : Municipal
Corporation Of Greater
Mumbai
Date : 27 Apr 2017 18: 35:31

Yours faithfully
Executive Engineer (Building Proposals)
Municipal Corporation of Greater Mumbai

P/N Ward

BRIHANMUMBAI MAHANAGARPALIKA

NO.CHE/9452/BP (WS)/AP

127 JUN 2014

FULL OCCUPATION CERTIFICATE

To,

M/s. Raheja Universal (Pvt.) Ltd.,
Owner.

मुख्य अभियंता, भारत प्रस्ताव प.उ. दौजे
महानगरपालिका इमारत, जी. विंग, संस्कृती कॉम्प्लेक्स
१०, फुट डी.पी. रोड, सेंट लॉरेन्स ग्राऊन्डवर्क
कान्डीवली (पूर्व), मुंबई-४००१०१

Subject : Permission to occupy the Residential building No. 7 on Plot bearing C.T.S. No.1965, 2053B, 2053C, 2053C-1, 2053D, 2053E, 2055B, 2055C of village Erangle at Malad Madh Road, Malad (West), Mumbai.

Reference : Your Arch's letter dated 29.01.2014.


Sir,

The full development work of Residential building No. 7, comprising of Wing 'A', & 'B' of 2 level podium + Stilt + 1st to 20th upper floors and Wing 'C' of 3 level podium + Stilt + 1st to 20th upper floors on plot bearing C.T.S. No. 1965, 2053B, 2053C, 2053C-1, 2053D, 2053E, 2055B, 2055C of village Erangle at Malad Madh Road, Malad (West), Mumbai. is completed under the supervision of Shri Sunil G. Ambre, Licenced Architect having Lic. No. CA/84/8478, Shri Nikhil S. Sanghvi, Licenced Structural Engineer, having Licence No.STR/S/193 and site supervisor, Shri V.H. Madnani having Lic. No. M/106/SS-I, may be occupied on the following conditions:-

1. That the certificates U/s 270-A of B.M.C. Act shall be obtained from A.E.W.W. P/North and a certified copy of the same shall be submitted to this office.

A set of completion plan is returned herewith.

Yours faithfully,


27/06/14
Ex. Engineer. Bldg. Proposal
(Western Suburbs) 'P' Ward.



Training For Labour



Fumigation



Fumigation



STP Tanks



Tree Plantation



Tree Plantation



Drinking Water For Labour



Water for Labour (Bathing and washing clothes)



Hutments for Labour



Toilets for Labour