Purva Patil

From:	Purva Patil
Sent:	17 November 2022 15:41
To:	eccompliance-mh@gov.in; ec-rdw.cpcb@gov.in
Subject:	EC Compliance for April 2022 – September 2022 Of [M/s. K. Raheja Private Ltd. proposed Residential Building & Commercial Building with Multi Storied Public Parking Lot at Lower Parel, Worli, G/South Ward, Mumbai Maharashtra]
Attachments:	Six Monthly EC Compliance Report Apr 2022 - Sept 2022.pdf

Respected Sir/Madam,

As per MoEF&CC notification vide No. SO 5845(E) Dated-26.11.2018 AND as informed by Central Pollution Control Board, Regional Directorate (West), Vadodara regarding digital transaction of EC Compliance report under Government of India initiatives for promoting e-office through digital transaction of activities, we are submitting herewith six-monthly EC compliance status report for period April 2022 – September 2022 of proposed Residential Building & Commercial Building with Multi Storied Public Parking Lot at C.S. Nos. 2/1629 & 1A/1629 of Lower Parel Division, Plot No. 249 And 249 A, 248 B of Worli Estate Scheme No. 52, G/South Ward, Mumbai, Maharashtra by M/s. K. Raheja Private Ltd. in pdf format with signed and stamped by authorized signatory of the project.

Documents enclosed herewith are as listed below:

1. Cover letter
2. Datasheet
3. EC compliance status report
4. List of annexures
5. Documents as per list of annexures

Hope above is to your satisfaction.

Thanks & Regards,
Purva Patil.
M/s. Aditya Environmental Services Pvt. Ltd.
107/110, Hiren Light Industrial Estate, Mogul Ln,
Mahim, Mumbai- 400016.
Tel No: 022 42127500 / 24456473

O/C

K. Raheja Private Limited

K RAHEJA
CORP

Date: 2nd November 2022

To,
The Chief Conservator of Forest,
Ministry of Environment, Forests & Climate
Regional Office (WCZ), Ground Floor, East Wing,
New Secretariat Building, Civil Lines, Nagpur- 440001

Sub: Submission of Six-Monthly Environmental Clearance Compliance Status Report for the months of **April 2022 – September 2022.**

Ref.: Environmental Clearance Letter granted for a Proposed Residential tower building, Multi Storied Public Parking Lot building, Office Building & Residential Building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A, 248B of Worli estate scheme no 52, Worli Mumbai by MOEF vide Clearance Letter No.21-413/2006-IA.III Dated - 6th Feb 2007 & Amendment in Environmental Clearance by Environment Department, Government of Maharashtra vide clearance letter No. SEAC 2010/ CR.323/TC.2 Dated: 22nd July 2011 & Dated 11th June 2014 & No. SEAC-2016/C.R.424/TC-1 Dated 12th May, 2017 & Expansion in Environmental Clearance is granted vide letter SEIAA-EC-0000001926 dated 3rd August 2019 & letter No. SIA/MH/MIS/42830/2018 dated 31st March 2020.

Dear Sir,

With reference to the above, we are submitting six monthly Environmental Clearance Compliance Status Report for the months **April 2022 – September 2022** along with the relevant document needed for the submission as mentioned bellow

- Data sheet
- Compliance Status report
- Post Monitoring Report (April 2022 – September 2022)

Hope the above is in compliance with your requirement.

Thanking You,
Yours faithfully,
For **M/s. K Raheja Private Ltd.**

Shalini H Kadu

Authorised Signatory
Encl: a/a

Maharashtra Pollution Control Board
Kalpataru Point, 2nd Floor, Sion Circle,
Opp. Sion Flyover, Sion (East),
Mumbai - 400 022.
Tel. 24010437 / 24020781.
Website : www.mpcb.gov.in
17/11/22

CC to:

- **The Member Secretary, Maharashtra Pollution Control Board, 3rd Floor, Kalpataru Point, Sion, Mumbai– 400 022.**
- **Central Pollution Control Board, Parivesh Bhavan, Opp. VNC word office No. 10, Subhanpura, Vadodara.**

Regd. Off. : Plot No. C-30, Block 'G',
Opp. SIDBI,
Bandra Kurla Complex,
Bandra (E), Mumbai-400 051.

Phone : 91-22-2656 4000
Fax : 91-22-2656 4004
E-mail : krahejacorp@vsnl.com
Website : www.krahejacorp.com

K. Raheja Private Limited

K RAHEJA
CORP

Date: 2nd November 2022

To,
The Chief Conservator of Forest,
Ministry of Environment, Forests & Climate
Regional Office (WCZ), Ground Floor, East Wing,
New Secretariat Building, Civil Lines, Nagpur- 440001

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Yours faithfully,
For **M/s. K Raheja Private Ltd.**

Authorised Signatory
Encl: a/a

CC to:

- **The Member Secretary, Maharashtra Pollution Control Board, 3rd Floor, Kalpataru Point, Sion, Mumbai– 400 022.**
- **Central Pollution Control Board, Parivesh Bhavan, Opp. VNC word office No. 10, Subhanpura, Vadodara.**

DATA SHEET			
1.	Project type: River –Valley/ Mining/ Industry/ Thermal/ Nuclear/ other (specify)	:	Others - Construction project (Residential & Commercial Building with PPL)
2.	Name of the project	:	Proposed Residential tower building, Multi Storied Public Parking Lot building, Office Building & Residential Building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A, 248B of Worli estate scheme no 52, Worli Mumbai.
3.	Clearance letter (s)/OM no. and date	:	• MOEF Clearance Letter No.21-413/2006-IA.III Date- 6th Feb 2007 • Amended letter SEAC 2010/CR.323/TC.2 Date-22/07/11 • Amended letter SEAC 2010/CR.323/TC.2 Date-11/06/14 • Amendment letter SEAC-2016/CR424/TC-1 date 12th May'17 • Expansion in Environmental Clearance is granted vide letter SEIAA-EC-0000001926 dated: 3rd August 2019 • Expansion in Environmental Clearance is granted vide letter SIA/MH/MIS/42830/2018 dated 31st March 2020.
4.	Location		
	(a) District	:	Mumbai
	(b) State	:	Maharashtra
	(c) Latitude / Longitude	:	18º53'N 72º50'E
5.	(a) Address for correspondence		
	(b) Address of Executive Project Engineer/ Manager (with pin code / Fax)	:	Mr. Vaibhav Samarth Plot No. C-30, Block 'G', Opp. SIDBI, Bandra Kurla Complex, Bandra (E), Mumbai- 400 051. Tel: 09167779454, Fax:022 26564560
6.	Salient Features		
	(a) Of the project	:	Proposed Residential tower building, Multi Storied Public Parking Lot building, Office Building & Residential Building Residential Tower: 2B+G+5 parking floors + stilt + 6 structural/service floors+ 3 fire check floors+ 49 habitable floors. the 5th parking floor above the public parking lot will be for residential parking PPL: 2B+G+4 parking floors Office building (wing A) -3B+ G + 8 (pt) office floors

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			Residential Bldg (Wing B) - Stilt + 6 habitable floors
	(b) Of Environmental Management Plans	:	1) Implementation of Rainwater harvesting. 2) OWC is installed on site 3) Fly Ash is proposed to be used in the Ready-Mix Concrete. 4) Implementation of Sewage Treatment Plant. 5) Development of Recreational Ground.
7.	Break-up of the project area		Plot Area: 20117.24 m^2 FSI Area: 88,047.07 m^2 Non- FSI area: 1,28,863.13 m^2 Total BUA: 2,16,910.20 m^2
	(a) Submergence area: forest & non forest.	:	Nil
	(b) Others	:	The entire project area is non-agricultural land.
8.	Breakup of the project affected population with enumeration of those losing houses /dwelling units only, agricultural land only, both dwelling units & agricultural land & landless labourers /artisan.	:	Nil
	(a) SC, ST /Adivasis	:	Nil.
	(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)	:	Nil.
9.	Financial details		
	(a) Project cost as originally planned and sub-sequent revised estimates and the year of price reference.	:	Estimated Cost of Project- 2047.82 Cr
	(b) Allocation made for environmental management plans with item wise and year wise break-up.	:	EMP Cost: Setting-up Cost-1282 Lakhs, Operational Cost- 138.90 Lakhs.
	(c) Benefit cost ratio/Internal rate of Return and the year of assessment	:	Yet to finalize
	(d) Whether (c) include the cost of environmental management as shown in the above.	:	Not applicable since (c) is yet to finalize
	(e) Actual expenditure incurred on the project so far	:	Rs. 802.88 Cr
	(f) Actual expenditure incurred on the environmental management plans so far	:	Rs. 3.8 Cr
10.	Forest land requirement.	:	The land is a non-forest land
	(a) The status of approval for diversion of	:	Not applicable.

	forest land for non-forestry use		
	(b) The status of clearing felling	:	Not applicable.
	(c) The status of compensatory afforestation, if any	:	Not applicable.
	(d) Comments on the viability & sustainability of compensatory afforestation programme in the light of actual field experience so far	:	Not applicable.
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach roads), if any with quantitative information	:	Nil.
12.	Status of construction.	:	PPL-Handed over to BMC, (Deed of transfer dated 10.07.17) Residential Tower- Occupancy certificate up to 45 floor received. Office building (wing A): 5th office floor slab Casting in progress.
	a) Date of commencement (Actual and / or planned)	:	Date of Commencement-02/03/2008
	b) Date of completion (Actual and/ or planned)	:	Planned Date of Completion -December 2022
13.	Reason for the delay if the project is yet to start.	:	Not applicable
14.	Dates of site visits		
	(a) The dates on which the project was monitored by the Regional Office on previous occasions, if any	:	Nil
	(b) Date of site visit for this monitoring report	:	April 2022 – September 2022 (Environmental Monitoring report is enclosed.)
15.	Details of correspondence with project authorities for obtaining action plans / information on status of compliance to safeguards other than the routine letters for logistic support for site visits. The first monitoring report may contain the details of all the letters issued so far, but the later reports may cover only the letters issued subsequently.	:	• MOEF Clearance Letter No.21-413/2006-IA.III • Date- 6th Feb 2007 • Amended letter SEAC 2010/CR.323/TC.2 • Date- 22/07/11 • Amended letter SEAC 2010/CR.323/TC.2 • Date- 11/06/14 • Amendment letter SEAC-2016/CR424/TC-1 date 12th May'17 • Expansion in Environmental Clearance is granted vide letter SEIAA-EC-0000001926 dated: 3rd August 2019 • Expansion in Environmental Clearance is granted vide letter SIA/MH/MIS/42830/2018 dated 31st March 2020.

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Ref	1. MoEF Clearance Letter no. 21-413/2006-IA.III Dated - 6th Feb 2007. **Annexure II (A).** 2. Amendment in Environmental Clearance granted vide letter no. SEAC 2010/ CR.323/TC.2 Dated: 22nd July 2011 **Annexure II (B).** 3. Amendment in Environmental Clearance is granted vide letter dated: 11th June 2014. **Annexure II (C).** 4. Amendment in Environmental Clearance is granted vide letter SEAC-2016/C.R.424/TC-1 dated: 12th May 2017. **Annexure II (D).** 5. Expansion in Environmental Clearance is granted vide letter SEIAA-EC-0000001926 dated: 3rd August 2019. **Annexure II (E).** 6. Expansion in Environmental Clearance is granted vide letter SIA/MH/MIS/42830/2018 dated 31st March 2020. **Annexure II (F).**
To	M/s. K Raheja Private Ltd.
For	Proposed Residential tower building, Multi Storied Public Parking Lot building, Office Building & Residential Building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A, 248B of Worli estate scheme no 52, Worli Mumbai.
Status	PPL-Handed over to BMC, (Deed of transfer dated 10.07.17) Residential Tower- OC received. • Copy of Occupation Certificate for part 2 development work of Residential building comprising of 4th and 5th (Below Tower Portion) parking floor + 23rd to 35th habitable floors + 1 service floor (Between 27th and 28th habitable floor) and 1 fire check floor (Between 25th and 26th habitable floor) and club house AND • Part Occupancy Certificate for Part 3 development work of Residential building comprising of 2nd parking floor + 5th parking floor (Beyond Tower Portion) + Stilt + 36th to 45th habitable floors + 1 service floor (Between 37th and 38th habitable floor) and 1 fire check floor (Between 42nd and 43rd habitable floor) Copy of Occupation Certificate (Part) is enclosed as **Annexure III.** Office building (wing A): 5th office floor slab Casting in progress.

SPECIFIC CONDITION

Sr. No.	Conditions	Reply
I.	**PP to upload the wind analysis report & impact on RG.**	Complied.
II.	**PP to upload the copy of application regarding HRC NoC & civil aviation NoC.**	HRC NOC & Civil Aviation NOC is received. Copy of the same is enclosed as **Annexure IV** & **Annexure V** respectively.
III.	**The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.**	The project under reference is 13.30 km away from the said sanctuary boundary. As per ESZ notification dated 14th October'21, our project does not come under ESZ area of Flamingo Sanctuary.
IV.	**EC is subject to submission of HRC NOC.**	HRC NOC is received. Copy of the same is enclosed as Annexure IV.
V.	**PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.**	CER was earlier included as per MoEF & Circular Dated 01/05/2018. However, we have now been informed that the said 'MoEF &

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		Circular Dated 01/05/2018' has been expressly superseded (i.e. replaced and rendered void) by OM No.F.No.22-65/2017/IA.III dt. 30/09/2020, and it is inter alia further mandated that the activity proposed by the Project Proponent of prescribed by EAC/SEAC (as the case may be), shall be part of the Environment Management Plan. As stated in the said OM dt. 30/09/20, this OM was issued pursuant to receipt of several representations regarding imposing a percentage of the project cost as CER, and the said OM was also challenged in the High Court. Consequently, CER as per the (superseded) MoEF & Circular Dated 01/05/2018 is not applicable, or required to be proposed or undertaken.
VI.	**PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.**	Yes, we noted the condition & we will comply regularly with condition specified in Environmental Clearance No. 22-34/2018-IA.III dt.04.01.2019.
VII.	**SEIAA decided to grant EC for FSI: 88,047.07m², Non-FSI: 1,28,863.13 m² and Total BUA: 2,16,910.20 m² (Plan Approval no-EEEB/1105/GS/A, Date-07.02.2020)**	Yes, we have received the EC for FSI area: 88,047.07 m², Non FSI area: 1,28,863.13 m² & Total BUA: 2,16,910.20 m². We affirm that we development will be carried out within BUA granted by Authority & as per plan approval vide No. EEEB/1105/GS/A, Date-07.02.2020
GENERAL CONDITIONS		
Sr. No.	**Conditions**	**Reply**
i.	**E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.**	There is no generation of E-Waste till date on site. If any, will be disposed through authorized vendor. E-Waste Returns for year 2021-2022 has been submitted. Copy of the same is enclosed has as **Annexure VI.**
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.**	Yes, all the facilities will be in place prior to application for OC. Copy of Occupation Certificate (Part) is enclosed as **Annexure III.**
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**	As the site is not within any radius as defined, hence NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life is not applicable for our project.

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	granted to the project which will be considered separately on merit.	
iv.	**PP has to abide by the conditions stipulated by SEAC& SEIAA.**	Yes, we will abide to all 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.**	The height, construction built up area of project is accordance with the approved plan and as per DCR. The development is being carried out as per local planning authority. The Approved Layout Plan is attached as **Annexure VII**.
vi.	**If applicable "Consent to Establish" shall be obtained from Maharashtra Pollution Control Board under Air & Water Act and a copy shall be submitted to the Environment department before start of any construction work at site.**	Consent to Establish & Operate obtained vide letter No. – 1. Consent No. BO/RO (P&P)/648 dated 28/09/2006. **Annexure VIII (A).** 2. Consent No. BO/RO(HQ)/CO/CAC-323 dated 28/02/2012. **Annexure VIII (B).** 3. BO/CAC-cell/CE (Reval)/CAC-1702000695 dated 14/02/2017. **Annexure VIII (C).** 4. Consent to Establish for Expansion and amalgamation with existing consent to establish vide no. Format. 1.0/BO/CAC-cell/UAN No. 0000028220/CE(Exp) & Amalgamation/CAC-1808000657 dated 16.08.2018. **Annexure VIII (D).** 5. Consent to Establish for Expansion of Residential & commercial Bldg with PPL vide no. Format. 1.0/CAC-cell/UAN No. 0000076911/CE 1912000103 dated 04.12.2019. **Annexure VIII (E).** 6. 1st Consent to Operate (Part II) vide no. Format. 1.0/CAC-CELL/UAN No. 0000083236/CO-2007000074 dated 01.07.2020. **Annexure VIII (F).** 7. Consent to Establish Expansion vide no. Format. 1.0/CAC-CELL/UAN No. 0000092970/CE – 2011000702 dated 11.11.2020. **Annexure VIII (G).** 8. Consent to Operate (Part) including BUA of existing Consent to Operate (Part-II) vide

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		No. Format 1.0/CAC-CELL/UAN No.0000109931/CO-2111000812 dated. 22.11.2021. **Annexure VIII (H).** 9. We have applied for renewal of Consent to Operate (Part) including BUA of existing Consent to Operate (Part-II). **Annexure VIII (I).**
vii.	**All required sanitary & 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. Photographs of facilities provided for labors are attached as **Annexure IX.**
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 solid waste generated during the construction phase should be ensured.**	Adequate drinking water facility is provided for the workers at the site during construction phase. Adequate numbers of toilets for Labour to maintain sanitary and hygienic measures are taken. Photographs of facilities provided for labours are enclosed as **Annexure IX.**
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.**	Solid waste generated within site during construction phase will be properly collected and segregated. Bins have been provided to dispose the municipal solid waste generated from labour camps. Please refer Annexure enclosed for Photographs of facilities provided for labours as **Annexure IX.**
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 approved site with the approval of competent authority.**	The quantity of sub-stratum removed during excavation for building foundation is disposed to backfill as per approval received from MCGM & SWM. SWM NOC is attached as **Annexure X**. Proper debris management plan was in place during excavation.
xi.	**Arrangement shall be made that wastewater and storm water do not get mixed.**	The storm water collected through the storm water drains of adequate capacity will be discharged into the municipal storm line along the DP existing roads which is towards north. Separate drainage line will be provided to prevent mixing of wastewater and storm water.

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xii.	**All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site.**	Since there was existing structure at site therefore there is no fertile top soil generated from the project.
xiii.	**Additional soil for leveling of the proposed site shall be generated within the sites (to the maximum extent possible) so that natural drainage system of the area is protected and improved.**	Natural drainage pattern of site was maintained. Additional soil required to maintain site ground level was generated within site.
xiv.	**Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the DFO/Agricultural Dept.**	• The green area proposed is 4680.82 m^2. Accordingly same will be provide as per approved plan. • A combination of native evergreen trees and ornamental flowering trees, shrubs and palms are planned in the complex. • Nos. of trees to be planted: 241 Nos. • 26 Nos. of trees are planted at site. • Plantation Details: Species will be selected as per CPCB greenbelt guidelines and common species available in the proposed area. • Photographs of trees plantation is attached as **Annexure XI**.
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.**	Regular monitoring of soil is carried out at site. Please refer Post Monitoring Reports attached as **Annexure I.** There is no ground water source at site.
xvi.	**Construction spoils, including bituminous material and other hazardous materials must not be allowed to contaminate watercourse and the dumpsites for such material must be secured so that they should not leach into the groundwater.**	There is no generation of bituminous material at site till date and if generated will be disposed of as per MPCB norms.
xvii.	**Any hazardous waste generated during construction phase should be dispose off as per applicable rules & norms with necessary approval of the Maharashtra Pollution Control Board.**	No hazardous waste is generated at site till date and if generated will be disposed off as per MPCB norms. Hazardous Waste Returns for year 2021-2022 enclosed as **Annexure XII.**
xviii.	**The diesel generator set to be used during construction phase should be low sulphur diesel type and should**	Yes, DG Set will be used only as power back up & have provided with enclosure. Diesel generating set is of low sulphur diesel type as

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	conform to Environment (Protection) Rules prescribed for air and noise emission standards.	per 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.**	Day storage tank of 990 ltr is used to store diesel for operation of D.G sets.
xx.	**Vehicles hired for bringing construction material to the site should be in good condition and should have pollution check certificate and should conform to applicable air and noise standards and should be operated only during non-peak hours.**	The vehicles hired for bringing construction material at site are thoroughly checked with valid PUC certificate. PUC register maintained at site. PUC certificates are enclosed as **Annexure XIII.**
xxi.	**Ambient noise level should conform to residential standards both during day and night. Incremental pollution loads on the ambient air 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 confirm to the stipulated standards by CPCB/MPCB.**	Monthly Noise monitoring is done for the period of April 2022 – September 2022. Environmental monitoring report is attached **Annexure I.**
xxii.	**Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable is applicable only if the project site located within the 100 km of Thermal Power Stations).**	Fly Ash is used in the Ready-Mix Concrete for construction. Fly ash used in RMC till date: 16,217 MT in RMC.
xxiii.	**Ready mixed concrete must be used building construction.**	Yes, ready mix concrete is used in building construction. RMC is procured from RMC vendor.
xxiv.	**Storm water control and its reuse as per CGWB and BIS standards for various applications.**	SWD has been proposed as per SWD remarks granted by MCGM dtd 21.7.2012. 3 Nos. of Recharge pits will be provided.
xxv.	**Water demand during construction should be reduced by use of pre-mixed concrete curing agents and other best practice referred.**	The measures such as, use of ready-mix concrete, curing compound, admixture is being used to reduce water demand during construction phase.

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xxvi.	**The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.**	There is no ground water source at site. Hence, monitoring for ground water is not possible.
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 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.**	Details of the STP are as under: The wastewater will be treated to tertiary level and after treatment reused for flushing of toilets and gardening. There will be no discharge of treated water and if any, shall conform to the norms and standards prescribed by Maharashtra State Pollution Control Board. STP of 10 KLD for PPL is installed in PPL & is handed over to MCGM. STP of 160 CMD for Residential building is installed. Photograph of STP installed at site is enclosed as **Annexure XIV.**
xxviii.	**Permission to draw ground water shall be obtained from competent authority prior to construction/operation of the project.**	Not applicable as BMC water will be used during construction phase / operation Phase.
xxix.	**Separation of gray and black water should be done by use of dual plumbing line for separation of grey and black water.**	Separate pipelines will be provided for black water and grey water. For decentralize treatment of grey water grease traps are proposed at source.
xxx.	**Fixtures for showers, toilets, flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.**	Yes, low flow rate fixtures and low flush W.C & urinals will be used during operation phase.
xxxi.	**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.**	We have used high performance glass with low E value and low SHGC coefficient in residential building. Energy efficient glass is proposed for office Bldg..
xxxii.	**Roof should meet the prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation**	Proposed over deck roof insulation will meet ECBC requirement.

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	material to fulfill requirement.	
xxxiii.	**Energy conservation measures like installation of CFLs/TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters systems. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.**	• Design with low lighting power density of 0.8 w/sft or less in common areas by using LEDs for general. • Design with low lighting power density of 0.2 watts/sft or less in the parking areas with T5 using energy efficient 5 star rated equipment' • External Light Design with low lighting power density of 0.2 watts/sft or less in the building exterior areas with use of LEDs • Energy efficient equipment.
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 Environment (Protection) Act 1986. The height of stack of DG sets should be equal to the height of needed for the combined capacity of all DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.**	DG sets will be used as backup, care is taken that adequate acoustic will be provided to prevent noise and should conform to rules made under Environment (Protection) Act 1986, prescribed for air and noise emission standards. Operation Phase: • 2250 kVA X 1 Nos. • 1250 kVA X 2 Nos. DG of 500 KVA with acoustic enclosure provided in PPL. DG of 2250 KVA x 1 Nos. with acoustic enclosure provided for Residential buildings. Photograph of DG Set installed at site are enclosed as **Annexure XV**.
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 restricted to permissible levels to comply with the prevalent regulations.**	Noise level is maintained within prescribed standards regular noise monitoring is carried out. Please refer monitoring report attached. Please refer Noise monitoring done monthly from April 2022 – September 2022.
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 place should be utilized.**	The site is accessible from 18.30 mt. wide Natvarya Baburao Pendarkar Marg on north side and 18.30 mt wide Sudam Kalu Ahire Marg on westside, both off Anne Besant Road. Parking is planned in such way that there will not be any congestion issue. Parking will be fully internalized.

K RAHEJA PRIVATE LIMITED MUMBAI

		Parking Details:- • 2- Wheeler: Residential- 23 Nos. MPPL- 20 Nos. • 4- Wheeler: Residential- 529 nos. Wing A &B- 518 nos. MPPL- 803 Nos. (Including 9 Transport vehicle).
xxxvii.	**Opaque wall should meet prescriptive requirement as per Energy Conservative 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.**	The building will complied with the ECBC Code using the Whole Building Performance (WBP) Method. Energy modeling exercise is conducted to determine the energy savings.
xxxviii.	**The buildings should have adequate space between them to allow movement of fresh air and passage of natural light, air & ventilation.**	Noted, adequate space maintained between buildings.
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.**	Regular supervision of the above and other measures for monitoring is being ensured through company officials. Monitoring is carried out throughout construction phase to avoid disturbance to the surroundings.
xl.	**Under provision 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.**	Yes, environmental clearance has been obtained.
xli.	**Six monthly monitoring reports should be submitted to the Regional office MoEF, Nagpur with copy to this department and MPCB.**	Yes, six monthly post monitoring reports are submitted to the Regional office MoEF, Nagpur with copy to this department and MPCB regularly.
xlii.	**Project proponent shall ensure completion of STP, MSW disposal facility, Green belt development prior to the occupation of the building. 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.**	Yes, all the facilities will be in place prior to occupation of building. Photographs of green belt development is attached as **Annexure XI.**

K RAHEJA PRIVATE LIMITED MUMBAI

	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 gardening and no wet garbage will be disposed outside the premises. Local authority should ensure this.**	Yes, during operation phase the wet garbage will be treated in Organic Waste Converter & the manure will be used for landscaping. Details & Photographs of OWC for Residential bldg. is attached as **Annexure XVI.**
xliv.	**Local body should ensure that no occupation certification is issued prior to operation of STP/ MSW site etc. with due permission of MPCB.**	Occupation certificate will be obtained only after operation of STP/MSW facilities.
xlv.	**A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.**	Yes, complete set of documents is submitted 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.**	If any changes in the scope of project, we will apply for fresh appraisal.
xlvii.	**A separate environmental management cell with qualified staff shall be set up for implementation of stipulated environmental safeguards.**	Yes, a separate environmental management cell with qualified staff is in place.
xlviii.	**Separate funds shall be allocated for implementation of environmental protection measures / EMP along with item-wise break-up. These costs 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.**	Environmental Management Plan is as given below: Setting-up Cost-1282 Lakhs, Operational Cost- 138.90 Lakhs.
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 the clearance letter are available with Maharashtra Pollution Control Boar**	Yes, we had published advertisement in two local newspapers, copy of same is attached as **Annexure XVII.**

K RAHEJA PRIVATE LIMITED MUMBAI

	and may also be seen at website at http://parivesh.nic.in.	
l.	**Project management should submit half yearly compliance reports in respect of the stipulated prior environmental clearance terms & conditions in hard & soft copies to the MPCB & this department on 1st June & 1st December of each calendar year.**	Yes, we are submitting half yearly compliance report regularly.
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.**	Yes, said condition is complied. Environmental Clearance is also uploaded on company webpage, refer link: environmental-clearance.pdf (krahejacorphomes.com)
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 of CPCB & SPCB. The critical pollutant level namely SPM, RSPM, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicate for the project shall be monitored and displayed in the public domain.**	Yes, said condition is noted and will be complied with. Monitoring report along with EC compliance is uploaded on company webpage, refer link: 4 BHK Flat in Worli, South Mumbai - 4 BHK in Mumbai | Artesia (krahejacorphomes.com)
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 email) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.**	Six monthly compliance reports and monitoring data are submitted to the concerned authorities.
liv.	**The environmental statement for each financial year ending 31st March in Form –V as is mandated to be submitted by project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be**	Yes, latest Environmental Statement submitted for year 2021 – 2022 is enclosed as **Annexure – XVIII** and the same is uploaded on company webpage, refer link- Enviornment Statement (krahejacorphomes.com)

K RAHEJA PRIVATE LIMITED MUMBAI

	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.	

K RAHEJA PRIVATE LIMITED MUMBAI

LIST OF ANNEXURES

Sr. No.	Annexure	Details
1.	Annexure I	Post Monitoring Reports
2.	Annexure II	Environment Clearance Copies
3.	Annexure III	Occupation Certificate
4.	Annexure IV	High Rise NOC
5.	Annexure V	Civil Aviation NOC
6.	Annexure VI	E-Waste Return
7.	Annexure VII	Approved Layout Plan
8.	Annexure VIII	Consent Copies / Consent Application
9.	Annexure IX	Photographs of Labour Colony
10.	Annexure X	SWM NOC
11.	Annexure XI	Photographs of trees plantation
12.	Annexure XII	Hazardous Waste Returns
13.	Annexure XIII	PUC Certificate
14.	Annexure XIV	Photographs of STP
15.	Annexure XV	Photograph of DG Set
16.	Annexure XVI	Details & Photographs of OWC
17.	Annexure XVII	Advertisement copies
18.	Annexure XVIII	Environmental Statement

Annexure I

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel: 02192 252008, **CIN:** U74999MH2001PTC132091

TC-7085

Ambient Air Quality Test Report

Ref. No.: AESPL/LAB/A- 22/05/08 **Issue Date:** 11/05/2022

Name of Client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra (East), Mumbai – 400 051
Name of Site	:	Metal Box. Plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme no. 52 G/South Ward, Mumbai
Nature of sample	:	Ambient Air
Location of sample	:	Main Gate
Sample Identification number	:	A- 22/05/08
Sample Quantity & Container	:	SO_2:1 Bottle x 30 ml; NO_2:1 Bottle x 30 ml; PM_{10}-1; $PM_{2.5}$-1
Date of sampling	:	03/05/2022
Start Time of sampling	:	09:40 hrs
Sampling period	:	8 hrs
Date of sample receipt	:	04/05/2022
Date of sample analysis	:	04/05/2022–09/05/2022
Environmental condition	:	Climate clear Ambient temp. 33°C
Monitored & transported by	:	AESPL Consultancy Division
Sampling equipment & Calibration status	:	RDS-I-10- calibration on 01/01/2022 due on 31/12/2022 FDS-I-10- calibration on 02/01/2022 due on 01/01/2023
Project/ Job number	:	PO 4800153955 dated 28 Mar 2022
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/A-01

Sr.No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	SO_2	15.4	80 *	µg/m³	IS 5182 (Part 2) RA2017
2.	NO_2	24.4	80 *	µg/m³	IS 5182 (Part 6) RA2017
3.	PM_{10}	70.8	100 *	µg/m³	IS 5182 (Part 23) RA2017
4.	$PM_{2.5}$	25.0	60 *	µg/m³	IS 5182 (Part 24) 2019
5.	CO	0.43	04 **	mg/m³	IS 5182 (part 10) RA2019

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values.

Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards (NAAQS)2009.

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.
4. Decision Rule is applied.

ADITYA ENVIRONMENTAL SERVICES PVT. LTD. RASAYANI

Reshma s. Patil
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015& ISO 45001:2018**
Recognized by **MoEFCC as "Environmental Laboratory"** valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel: 02192 252008, **CIN**: U74999MH2001PTC132091

TC-7085

Drinking Water Quality Test Report

Ref. No.: AESPL/LAB/W-22/05/30 **Issue Date:** 06/05/2022

Name of the client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra(E), Mumbai – 400 051
Name of site	:	KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI
Nature of sample	:	Drinking water
Location of sample	:	Sale Office Pantry
Sample identification number	:	W-22/05/30
Sample Quantity & Container	:	**F**-1000 ml; PE
Environmental Condition	:	**Area**: Clean, **Water Temp**: 25°C, **Amb. Temp**: 32°C
Date of sample drawn	:	03/05/2022
Date of sample receipt	:	04/05/2022
Date of sample analysis	:	04/05/2022 – 05/05/2022
Sample drawn by	:	AESPL Consultancy Division
Sample Transported by	:	AESPL Consultancy Division
Project/ Job number	:	4800153955 dated 28/03/2022
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/W-01

Sr. No.	Parameter	Result	Limits (IS 10500:2012)		Method of Analysis
			Desirable	Permissible	
1.	Colour, Hazen	5.0	5 Max	15 Max	IS-3025(P-4) RA2017
2.	Turbidity, NTU	2.2	1 Max	5 Max	IS-3025(P-10) RA2017
3.	pH@25°C	7.01	6.5 – 8.5	No relaxation	IS-3025(P-11) RA2017
4.	R. Cl_2, mg/l	0.56	0.2 Min	1.0 Min	IS-3025(P-11) RA2019
5.	Hardness, mg/l	34	200 Max	600 Max	IS-3025(P-21) RA2019
6.	Iron, mg/l	0.032	1.0 Max	No relaxation	IS-3025(P-53) RA2019
7.	Chlorides, mg/l	20	250 Max	1000 Max	IS-3025(P-32) RA2019
8.	Fluoride, mg/l	0.32	1.0 Max	1.5 Max	IS-3025(P-60) RA2019
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) RA2017

Conformity Statement: Water sample is **pass** as per IS 10500:2012 w.r.t. above mentioned tests

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. The results apply to the sample as received.
5. Decision Rule is applied.

Reshma S. Patil
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015& ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410207
Tel: 02192 252008, **CIN**: U74999MH2001PTC132091

TC-7085

Drinking Water Quality Test Report

Ref. No.: AESPL/LAB/Mw-22/05/10 **Issue Date:** 06/05/2022

Name of Client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra(E), Mumbai – 400 051
Name of site	:	KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI
Nature of sample	:	Drinking water
Location of sample	:	Sale Office Pantry
Sample identification number	:	Mw-22/05/10
Sample Quantity & Container	:	250 ml; G
Environmental Condition	:	Area: Clean, Ambient Temp: 32°C
Date of sample drawn	:	03/05/2022
Date of sample receipt	:	04/05/2022
Date of sample analysis	:	04/05/2022– 05/05/2022
Sample drawn by	:	AESPL Consultancy Division
Sample Transported by	:	AESPL Consultancy Division
Project/ Job Number	:	PO. 4800153955 dtd 28 Mar 2022
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/M-01

Sr. No.	Parameter	Result	Limit As per IS 10500 -2012	Method of analysis
1	Coliforms	Absent/100ml	Absent/100ml	IS:15185-2016
2	E-coli	Absent/100ml	Absent/100ml	IS:15185-2016

Conformity Statement: Water sample is **pass** as per IS 10500:2012 w.r.t. above mentioned tests.

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. The results apply to the sample as received.

Pranali N Patil
(Authorized Signatory – Microbiology)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel: 02192 252008, **CIN:** U74999MH2001PTC132091

TC-7085

Ambient Noise Quality Test Report

Ref: AESPL/LAB/N-22/05/05 **Report Date:** 07/05/2022

Name of the client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra (East), Mumbai – 400 051	
Name of site	:	Metal Box. Plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme no. 52 G/South Ward, Mumbai	
Monitoring date	:	03/05/2022	
Environmental condition	:	Climate clear	Ambient temp. 33°C
Monitored & transported by	:	AESPL Consultancy Division	
Project/ Job number	:	4800153955 dtd 28 Mar 2022	
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-03	
Method of sampling	:	IS 9989: RA 2014	
Instrument used	:	Noise meter - SL-I-13	
Calibration status	:	Calibration details: 24/12/2021 to 23/12/2022	

Sr. No.	Location	Noise Level dB(A) Leq	
		Day Time	Night Time
1.	Near Engineering Office P-1 level	64.3	54.2
2.	PPL Gate	62.9	52.4
3.	Gate number-3	65.7	54.9
4.	P-5 level labor colony	64.5	51.3
5.	Neelam Centre corner – E (Back side)	67.8	60.5
6.	52 Chawl Corner - E	69.7	62.4
7.	52 Chawl Corner - W	65.9	61.2
Standard as per EP Act for Industrial Area		**75**	**70**

Conformity Statement: Noise Levels at all the locations were found to be below the stipulated limits

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory
2. Results relate only to the items tested
3. The results apply to the sample as received.
4. Decision Rule is applied.

Reshma S. Patil.
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410207
Tel: 02192 252008, **CIN**: U74999MH2001PTC132091

TC-7085

DG Noise Quality Test Report

Ref: AESPL/LAB/N-22/06/80 **Report Date:** 25/06/2022

Name of the client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra (East), Mumbai – 400 051
Name of site	:	Metal Box. Plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme no. 52 G/South Ward, Mumbai
Monitoring date	:	23/06/2022
Environmental condition	:	Climate Clear; Ambient Temp. 32°C
Monitored & transported by	:	AESPL Consultancy Division
Project/ Job number	:	4800153955 dtd 28 Mar 2022
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-03
Method of sampling	:	IS 4758-1968 RA:2002
Instrument used	:	Noise meter - SL-I-10
Calibration status	:	Calibration details: 24/12/2021 to 23/12/2022

Sr. No.	**Location**	**Sound Pressure Level dB(A)**					
		Readings from 0.5 m away from DG				**Avg.**	**Difference**
	DG-2250 KVA	**East**	**West**	**South**	**North**		
1.	Door closed	71.5	70.3	70.2	70.4	70.6	25.8
	Door opened	96.3	96.5	96.4	96.5	96.4	

Limits:

- EP Act Standard 75 dBA at 0.5m from DG set
- Insertion loss of 25dBA as per consent

Conformity Statement: The monitoring undertaken indicates that DG Noise Quality values are within limits.

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory
2. Results relate only to the items tested
3. DG set Sound Pressure Level measured at 0.5m from the enclosure
4. Decision rule is applied.

Reshma S. Patil.
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410207
Tel: 02192 252008, **CIN:** U74999MH2001PTC132091

Stack Emission Quality Test Report

Ref. No: AESPL/LAB/ST-22/06/112 **Issue Date:**28/06/2022

Name of the client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra (East), Mumbai – 400 051
Name of site	:	Metal Box. Plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme no. 52 G/South Ward, Mumbai
Date of sampling	:	23/06/2022
Date of receipt	:	24/06/2022
Date of analysis	:	25/06/2022
Environmental condition	:	Ambient temperature 30°C
Monitored & transported by	:	AESPL Consultancy Division
Project/ Job number	:	4800153955 dtd 28 Mar 2022
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02
Method of sampling	:	AESPL/LAB/SOP/7.3.1/ST-01
Stack Details		
Stack identification	:	DG -2250 KVA
Fuel used	:	HSD
Stack diameter (m)	:	0.6
Cross-sectional area (m^2)	:	0.283
Stack height (m)	:	21
Method of analysis and Equipment details		
Method of analysis	:	IS 11255 (Part 1,2,3) -1985 & EPA Method
Sampling equipment	:	PEM SMK Sr. No-6405
Calibration status	:	Calibrated on 22/10/2021Calibration due on 21/10/2022

Emission Details

Parameter	Result	Limiting Standard as per consent
Gas Temperature (°C)	145	--
Gas velocity (m/s)	8.30	--
Gas flow rate (Nm^3/hr)	6020.62	--
TPM (mg/Nm^3)	83.60	150
Sulphur Dioxide (kg/d)	7.41	--

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory
2. Results relate only to the item tested

Reshma S. Patil
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.

Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel:9112844844, **CIN**: U74999MH2001PTC132091

TC-7085

Quality Test Report

Ref. No.: AESPL/LAB/C/A- 22/08/03 **Issue Date:** 10/08/2022

Name of Client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra (East), Mumbai – 400 051
Name of site	:	Metal Box. Plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme no. 52 G/South Ward, Mumbai
Nature of sample	:	Ambient Air
Location of sample	:	HSBC Main Gate No.1
Sample Identification number	:	A- 22/08/03
Sample Quantity	:	SO_2:1Bottle x 30 ml; NOx:1Bottle x 30 ml; PM_{10}-1; Bladder:1
Date, Start Time & period of sampling	:	02/08/2022 | 09:10 hrs | 8 hrs
Environmental Condition	:	**Climate**: Clear; **Ambient Temp.**:29°C
Sample Monitored & Transported by	:	AESPL Consultancy Division
Date of sample receipt	:	03/08/2022
Date of sample analysis	:	03/08/2022 to 09/08/2022
Sampling equipment & Calibration status	:	RDS-I-12- calibration on 30/05/2022 due on 29/05/2023 FDS-I-12- calibration on 30/05/2022 due on 29/05/2023
Project/ Job number	:	4800153955 dtd 28 Mar 2022
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/A-01

Sr.No.	Parameter	Result	Limits #	Unit	Method of Analysis
1.	SO_2	13.1	80 *	µg/m³	IS 5182 (Part 2) RA2017
2.	NO_2	22.4	80 *	µg/m³	IS 5182 (Part 6) RA2017
3.	PM_{10}	62.1	100 *	µg/m³	IS 5182 (Part 23) RA2017
4.	$PM_{2.5}$	20.0	60 *	µg/m³	IS 5182 (Part 24) 2019
5.	CO	0.31	04 **	mg/m³	IS 5182 (part 10) RA2019

[#] Specified under National Ambient Air Quality Standards by CPCB:
[*] 24 hourly monitoring values; [**] 1 hourly monitoring values.

Conformity Statement: The monitoring undertaken indicates that Ambient Air Quality Values for monitored parameters are within the levels stipulated under National Ambient Air Quality Standards (NAAQS)2009.

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only.
4. The results apply to the sample as received.
5. Decision Rule is applied.

Reshma S. Patil
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel: 9112844844, **CIN:** U74999MH2001PTC132091

TC-7085

Quality Test Report

Ref. No.: AESPL/LAB/C/W-22/08/16 **Issue Date:** 05/08/2022

Name of the client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra(E), Mumbai – 400 051
Name of site	:	KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI
Nature of sample	:	Drinking water
Location of sample	:	P4 Labour Colony
Sample identification number	:	W-22/08/16
Sample Quantity & Container	:	**F**-1000 ml; PE
Date and Time of sample drawn	:	**Date** - 02/08/2022 **Time** – 03:35 pm
Environmental Condition	:	**Area**: Clean, **Water Temp**: 25°C, **Amb. Temp**: 29°C
Sample drawn by	:	AESPL Consultancy Division
Sample Transported by	:	AESPL Consultancy Division
Date of sample receipt	:	03/08/2022
Date of sample analysis	:	03/08/2022 – 04/08/2022
Project/ Job number	:	4800153955 dated 28/03/2022
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/W-01

Sr. No.	Parameter	Result	Limits (IS 10500:2012)		Method of Analysis
			Desirable	Permissible	
1.	Colour, Hazen	5.0	5 Max	15 Max	IS-3025(P-4) RA2017
2.	Turbidity, NTU	2.0	1 Max	5 Max	IS-3025(P-10) RA2017
3.	pH@25°C	6.94	6.5 – 8.5	No relaxation	IS-3025(P-11) RA2017
4.	R. Cl_2, mg/l	<0.56	0.2 Min	1.0 Min	IS-3025(P-11) RA2019
5.	Hardness, mg/l	96	200 Max	600 Max	IS-3025(P-21) RA2019
6.	Iron, mg/l	0.033	1.0 Max	No relaxation	IS-3025(P-53) RA2019
7.	Chlorides, mg/l	17	250 Max	1000 Max	IS-3025(P-32) RA2019
8.	Fluoride, mg/l	0.32	1.0 Max	1.5 Max	IS-3025(P-60) RA2019
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) RA2017

Conformity Statement: Water sample is **pass** as per IS 10500:2012 w.r.t. above mentioned tests

Note:

1. The test report shall not be reproduced except in full, without written approval of laboratory.
2. Results relate only to the items tested.
3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. The results apply to the sample as received.
5. Decision Rule is applied.

Reshma S. Patil
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015**& **ISO 45001:2018**
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Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel: 9112844844, **CIN**: U74999MH2001PTC132091

TC-7085

Quality Test Report

Ref. No.: AESPL/LAB/Mw- 22/08/12 **Issue Date:** 05/08/2022

Name of Client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra(E), Mumbai – 400 051	
Name of site	:	KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI	
Nature of sample	:	Drinking water	
Location of sample	:	P4 Labour Colony	
Sample identification number	:	Mw- 22/08/12	
Sample Quantity & Container	:	250 ml; G	
Date and Time of sample drawn	:	Date - 02/08/2022	Time – 01.35pm
Environmental Condition	:	Surrounding area is clean	
Sample drawn by	:	AESPL Consultancy Division	
Sample Transported by	:	AESPL Consultancy Division	
Date of sample receipt	:	03/08/2022	
Date of sample analysis	:	03/08/2022 – 04/08/2022	
Project/ Job number	:	4800153955 dated 28/03/2022	
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02	
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/M-01	

Sr. No.	Parameter with unit	Result	Limit as per IS 10500:2012	Method of analysis
1	Coliforms/100ml	Absent/100ml	Absent/100ml	IS:15185-2016
2	E-coli/100ml	Absent/100ml	Absent/100ml	IS:15185-2016

Conformity Statement: Water sample is **pass** as per IS 10500:2012 w.r.t. above mentioned tests.

Note:

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2. Results relate only to the items tested.
3. The results apply to the sample as received.

Pranali N Patil
(Authorized Signatory – Microbiology)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015& ISO 45001:2018**
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Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel: 9112844844, **CIN**: U74999MH2001PTC132091

TC-7085

Quality Test Report

Ref. No.: AESPL/LAB/C/W-22/08/17 **Issue Date:** 05/08/2022

Name of the client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra(E), Mumbai – 400 051
Name of site	:	KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI
Nature of sample	:	Drinking water
Location of sample	:	P4 Labour Colony
Sample identification number	:	W-22/08/17
Sample Quantity & Container	:	**F**-1000 ml; PE
Date and Time of sample drawn	:	**Date** - 02/08/2022 **Time** – 03:20 pm
Environmental Condition	:	**Area**: Clean, **Water Temp**: 25°C, **Amb. Temp**: 29°C
Sample drawn by	:	AESPL Consultancy Division
Sample Transported by	:	AESPL Consultancy Division
Date of sample receipt	:	03/08/2022
Date of sample analysis	:	03/08/2022 – 04/08/2022
Project/ Job number	:	4800153955 dated 28/03/2022
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/W-01

Sr. No.	Parameter	Result	Limits (IS 10500:2012)		Method of Analysis
			Desirable	Permissible	
1.	Colour, Hazen	5.0	5 Max	15 Max	IS-3025(P-4) RA2017
2.	Turbidity, NTU	<2.0	1 Max	5 Max	IS-3025(P-10) RA2017
3.	pH@25°C	7.21	6.5 – 8.5	No relaxation	IS-3025(P-11) RA2017
4.	R. Cl_2, mg/l	0.56	0.2 Min	1.0 Min	IS-3025(P-11) RA2019
5.	Hardness, mg/l	94	200 Max	600 Max	IS-3025(P-21) RA2019
6.	Iron, mg/l	0.032	1.0 Max	No relaxation	IS-3025(P-53) RA2019
7.	Chlorides, mg/l	14	250 Max	1000 Max	IS-3025(P-32) RA2019
8.	Fluoride, mg/l	0.32	1.0 Max	1.5 Max	IS-3025(P-60) RA2019
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) RA2017

Conformity Statement: Water sample is **pass** as per IS 10500:2012 w.r.t. above mentioned tests

Note:

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3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. The results apply to the sample as received.
5. Decision Rule is applied.

Reshma S. Patil
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015& ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel: 9112844844, **CIN**: U74999MH2001PTC132091

TC-7085

Quality Test Report

Ref. No.: AESPL/LAB/Mw- 22/08/13 **Issue Date:** 05/08/2022

Name of Client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra(E), Mumbai – 400 051	
Name of site	:	KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI	
Nature of sample	:	Drinking water	
Location of sample	:	HSBC Gate No. 1	
Sample identification number	:	Mw- 22/08/13	
Sample Quantity & Container	:	250 ml; G	
Date and Time of sample drawn	:	Date - 02/08/2022	Time – 01.20pm
Environmental Condition	:	Surrounding area is clean	
Sample drawn by	:	AESPL Consultancy Division	
Sample Transported by	:	AESPL Consultancy Division	
Date of sample receipt	:	03/08/2022	
Date of sample analysis	:	03/08/2022 – 04/08/2022	
Project/ Job number	:	4800153955 dated 28/03/2022	
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02	
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/M-01	

Sr. No.	Parameter with unit	Result	Limit as per IS 10500:2012	Method of analysis
1	Coliforms/100ml	Absent/100ml	Absent/100ml	IS:15185-2016
2	E-coli/100ml	Absent/100ml	Absent/100ml	IS:15185-2016

Conformity Statement: Water sample is **pass** as per IS 10500:2012 w.r.t. above mentioned tests.

Note:

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2. Results relate only to the items tested.
3. The results apply to the sample as received.

Pranali N Patil
(Authorized Signatory – Microbiology)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015& ISO 45001:2018**
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Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel: 9112844844, **CIN:** U74999MH2001PTC132091

TC-7085

Quality Test Report

Ref. No.: AESPL/LAB/C/W-22/08/18 **Issue Date:** 05/08/2022

Name of the client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra(E), Mumbai – 400 051
Name of site	:	KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI
Nature of sample	:	Drinking water
Location of sample	:	Artesia Tower P2 Site Office
Sample identification number	:	W-22/08/18
Sample Quantity & Container	:	**F**-1000 ml; PE
Date and Time of sample drawn	:	**Date** - 03/08/2022 **Time** – 03:00 pm
Environmental Condition	:	**Area**: Clean, **Water Temp**: 25°C, **Amb. Temp**: 29°C
Sample drawn by	:	AESPL Consultancy Division
Sample Transported by	:	AESPL Consultancy Division
Date of sample receipt	:	03/08/2022
Date of sample analysis	:	03/08/2022 – 04/08/2022
Project/ Job number	:	4800153955 dated 28/03/2022
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/W-01

Sr. No.	**Parameter**	**Result**	**Limits (IS 10500:2012)**		**Method of Analysis**
			Desirable	**Permissible**	
1.	Colour, Hazen	5.0	5 Max	15 Max	IS-3025(P-4) RA2017
2.	Turbidity, NTU	<2.0	1 Max	5 Max	IS-3025(P-10) RA2017
3.	pH@25°C	7.06	6.5 – 8.5	No relaxation	IS-3025(P-11) RA2017
4.	R. Cl_2, mg/l	0.56	0.2 Min	1.0 Min	IS-3025(P-11) RA2019
5.	Hardness, mg/l	54	200 Max	600 Max	IS-3025(P-21) RA2019
6.	Iron, mg/l	0.034	1.0 Max	No relaxation	IS-3025(P-53) RA2019
7.	Chlorides, mg/l	12	250 Max	1000 Max	IS-3025(P-32) RA2019
8.	Fluoride, mg/l	0.34	1.0 Max	1.5 Max	IS-3025(P-60) RA2019
9.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5) RA2017

Conformity Statement: Water sample is **pass** as per IS 10500:2012 w.r.t. above mentioned tests

Note:

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3. Any query related to this report will be entertained within 15 days of the report issue date only and the sample will also be retained for the same period.
4. The results apply to the sample as received.
5. Decision Rule is applied.

Reshma S. Patil
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015& ISO 45001:2018**
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Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel: 9112844844, **CIN**: U74999MH2001PTC132091

TC-7085

Quality Test Report

Ref. No.: AESPL/LAB/Mw- 22/08/14 **Issue Date:** 05/08/2022

Name of Client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra(E), Mumbai – 400 051	
Name of site	:	KRPL# RESIDENTIAL BLDG., METAL BOX, WORLI	
Nature of sample	:	Drinking water	
Location of sample	:	Artesia Tower P2 Site Office	
Sample identification number	:	Mw- 22/08/14	
Sample Quantity & Container	:	250 ml; G	
Date and Time of sample drawn	:	Date - 02/08/2022	Time – 01.00pm
Environmental Condition	:	Surrounding area is clean	
Sample drawn by	:	AESPL Consultancy Division	
Sample Transported by	:	AESPL Consultancy Division	
Date of sample receipt	:	03/08/2022	
Date of sample analysis	:	03/08/2022 – 04/08/2022	
Project/ Job number	:	4800153955 dated 28/03/2022	
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02	
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/M-01	

Sr. No.	Parameter with unit	Result	Limit as per IS 10500:2012	Method of analysis
1	Coliforms/100ml	Absent/100ml	Absent/100ml	IS:15185-2016
2	E-coli/100ml	Absent/100ml	Absent/100ml	IS:15185-2016

Conformity Statement: Water sample is **pass** as per IS 10500:2012 w.r.t. above mentioned tests.

Note:

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2. Results relate only to the items tested.
3. The results apply to the sample as received.

Pranali N Patil
(Authorized Signatory – Microbiology)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&ISO 45001:2018**
Recognized by **MoEFCC** as **"Environmental Laboratory"** valid up to 24.04.2024
Laboratory: P-1, MIDC Mohopada, P.O. Rasayani, Dist. Raigad Pin 410222
Tel: 9112844844, **CIN**: U74999MH2001PTC132091

TC-7085

Quality Test Report

Ref: AESPL/LAB/C/N-22/08/03 **Issue Date:** 05/08/2022

Name of the client	:	K. Raheja Corp Pvt. Ltd Plot No. C- 30, Block G Opposite SIDBI, Bandra Kurla Complex Bandra (East), Mumbai – 400 051
Name of site	:	Metal Box. Plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme no. 52 G/South Ward, Mumbai
Monitoring Details	:	Ambient Noise
Location Details	:	At the periphery of site
Sample Identification No	:	N-22/08/03
Date of Sampling	:	02/08/2022
Period of Sampling	:	Day & Nighttime
Environmental condition	:	Climate: clear Ambient temp. 30°C
Monitored & transported by	:	AESPL Consultancy Division
Date of receipt	:	03/08/2022
Sampling equipment	:	Noise meter - Centre C-390 SL-I-10
Calibration status	:	Calibration details 24/12/2021 to 23/12/2022
Project/ Job number	:	4800153955 dtd 28 Mar 2022
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02
Method of Sampling	:	IS 9989 RA:2014

Sr. No.	Location	Noise Level dB(A) Leq	
		Day Time	Night Time
1.	Near Engineering Office P-2 level	58.4	42.7
2.	Parking -4 Labour Colony	63.5	48.5
3.	Main Security Gate No-3 Artesia Tower	65.4	50.9
4.	HSBC Ground Floor – South Side	62.3	48.9
5.	HSBC Ground Floor – North Side	61.5	47.5
6.	HSBC Main Security Gate No-1	68.3	51.8
7.	HSBC Ground Floor EWS Building (East Side)	59.9	40.3
Standard as per EP Act for Industrial Area		**75**	**70**

Conformity Statement: Noise Levels at all the locations were found to be below the stipulated limits

Note:

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2. Results relate only to the items tested
3. The results apply to the sample as received.
4. Decision Rule is applied.

Reshma S. Patil.
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ANNEXURE II A

By Speed Post

No. 21-413/2006-IA.III
Government of India
Ministry of Environment & Forests
(IA Division)

Paryavaran Bhawan,
CGO Complex, Lodhi Road
New Delhi-110003

Dated: February 6, 2007

To

Mr. Ravi Raheja, Director
K. Raheja Pvt. Ltd.,
Construction House, A 24th Rd,
Khar (W), Mumbai – 400052.

Subject: Environmental clearance for the construction of residential complex on plot bearing survey no. 2/1629of Lower Parel division,Plot No. 249 & 249 A of Worli Scheme No. 52,G/South Ward, Mumbai by M/s K. Raheja Pvt. Ltd.

Sir,

I am directed to refer to your application seeking prior environmental clearance for the above said project under the EIA Notification 1994 as amended on July 2004. The proposal has been appraised as per prescribed procedure on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, EIA, EMP, Public Hearing proceedings and the additional clarifications furnished in response to the observations of the Additional Expert Appraisal Committee (AEAC) constituted by the competent authority in its meeting held on December 15-16, 2006 and provisions under EIA Notification dated 14.9.2006.

2. The project proponent is setting up a residential complex on plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme No. 52,G/South Ward, Mumbai. The proposal is for construction of 142 dwelling units in one residential building comprising of 2 levels podium plus stilts plus thirty five upper floors. The area of the plot is 14,638.91 sq. m. and built up area as indicated to be 42,094 m^2. The domestic water consumption is 117 m^3/day and waste water generation is 90 m^3/day. A sewage tratement plant will be provided to treat sewage. The solid waste generated (0.36t/day) wil be segregated and bio-dregrable waste will be composted by invessel composting technology after recovering recyclable material. The inert material will be disposed of for land filling.

3. The EIA report submitted along with the application predicts that there will be insiginificant impact on the ambient air quality during construction as well as opertion phase. There will be minor negative impact near noise generation sources inside premises during construction phase. But there will be no significant impact on ambient noise levels at sensitive receptors out side the premises due to proper parking design and plantation. There will be positive impact o hydrology and natural drainage

due to adequate provision of storm water drainage. There will be minor negative impact on water availability. However, there will not be any negative impact on the water quality. There will be significant positive impact on the aesthetic due to extensive landscaping.

4. The EAC after due consideration of the relevant documents submitted by the project proponent, responses to the public concerns expressed during the public hearing and additional clarifications furnished in response to its observations have 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. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.

ii. 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.

iii. A First Aid Room will be provided in the project both during construction and operation of the project.

iv. 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.

v. All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.

vi. Disposal of muck including excavated material during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people.

vii. Use of diesel power generating sets during construction phase should be enclosed type to prevent noise and should conform to rules made under Environment (Protection) Act-1986, prescribed for air and noise emission standards.

viii. Vehicles hired for bringing construction material at site should be in good condition and should conform to applicable air and noise emission standards.

ix. 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.

x. Construction spoils including bituminous material and other hazardous materials must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.

xi. Regular supervision of the above and other measures should be in place all through the construction phase so as to avoid disturbance to the surroundings.

xii. The movement of public and flow of traffic shall not be adversely affected due to dumping of either excavated soil or material, used in construction of the complex on public road.

xiii. Roads, pavement and public places shall not be used for storing building material, parking of vehicles, installation of construction machinery and DG set etc.

xiv. During construction phase, arrangements shall be made to prevent spread of dust to surrounding areas.

II. Operation Phase

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

i Adequate parking space shall be provided for cars and also for their movement at ground level.

ii. 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.

iii. 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.

iv. The leachate from vermi-composting shall be treated in sewage treatment plant.

v The installation of sewage treatment plant (STP) should be certified by an independent expert for efficiency as well as adequacy 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 of toilets and gardening. Discharge of treated sewage shall conform to the norms & standards prescribed by Maharashtra State Pollution Control Board.

vi Water harvesting system and 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.

vii Noise barriers should be provided at appropriate locations so as to ensure that the noise levels do not exceed the prescribed standards.

Viii The solid waste should be properly collected & segregated. Wet garbage should be disposed by the vermi-culture composting method. The STP sludge shall be used as manure.

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. 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 Environment (Protection)Act Rules prescribed for air and noise emission standards as per CPCB guidelines. Exhausts should be discharged by stack, raised to 4 meters above the rooftop.

xi 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.

xii Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.

xiii The ground water levels and its quality should be monitoredregularly inconsultation with CentralGround Water Authority.

xiv Adequate measure should be taken to avoid any traffic congestion near the entry and exit points from the roads adjoining the proposed project site.

xv 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.

xvi 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.

xvii Suitable insulation material should be provided in the roof structure to reduce the U value to about 0.35 Watts per sqm per degree Centigrade

xviii. The operation & maintenance of assets created shall be ensured by signing contract with suppliers of equipment/machinery/system etc. for atleast three years.

PART – B. GENERAL CONDITIONS

i) The environmental safeguards contained in the EIA Report should be implemented in letter and spirit.

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

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

iv) 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), CRZ Regulations, State Forests Department 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), if any, from whom suggestion/representation were received at the time of public hearing.

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.

(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)

ANNEXURE II B

Government of Maharashtra

File No.: SEAC 2010/CR.323/TC.2
Environment department,
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai 400 032
Date: 22nd July, 2011

To,
M/s K. Raheja Private Ltd
Construction house, "A",
24th Road, Khar (W),
Mumbai – 400 052
Tel: 91-22-26002177
Fax: 91-22-26005264
E mail: krahejacorp@vsnl.com

Subject: - Proposed Composite Building with Residential Wing and a Municipal Public Parking Lot" at Lower Parel Division, G/S Ward, Worli, Mumbai by M/s K. Raheja Private Ltd. - Environmental clearance regarding.

Sir,

This has reference to your communication dated 26th February, 2010 on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee, Maharashtra in its 32nd, 37th & 40th meetings and decided to 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 36th Meeting held on 28th March, 2011.

2. It is noted that the proposal is for grant of Environmental Clearance for Proposed Composite Building with Residential Wing and a Municipal Public Parking Lot" at Lower Parel Division, G/S Ward, Worli, Mumbai by M/s K. Raheja Private Ltd. SEAC considered the project under screening category 8 (a) as per EIA Notification 2006.

Brief Information of the project is summarized as below-

Name of the Project	:	"Proposed Composite Building with Residential Wing and a Municipal Public Parking Lot"
Project Proponent	:	M/s K. Raheja Private Ltd
Location of the project	:	C.S. No. 2/1629 of Lower Parel Division, Plot No. 249 & 249A of Worli Scheme No. 52, G/S ward, Mumbai.
Type of Project	:	Construction Project
Total Plot Area	:	14,638.91 Sq. m.
Proposed Total built up area	:	**Construction area of Residential building :** ▪ As per FSI : 29,435.93 sq. m. ▪ Non FSI area 57,403.74 sq. m. ▪ Total Construction area of residential building: 86,839.67 sq. m. **Construction area of MCGM Parking lot :** 33,289.50 sq. m.

Estimated cost of the project	:	₹ 496.82 Crores
No. of Buildings	:	One (Composite Building of Residential Wing and Municipal Public Parking Lot)
Maximum height of building		Residential Building - 195.00 mts Municipal Public Parking Lot – 28.95 mts

Water Requirement:

Residential Wing: Fresh water: 111 KLD, Recycled water: 73 KLD

Source: MCGM/STP

Wastewater generated: 81 KLD. Waste water generated form the proposed project will be treated by sewage treatment plant

Capacity of STP: 90 KLD

Treated wastewater will be utilized on site for landscaping and flushing. Excess treated water will be discharge to municipal sewer line.

Public Parking Lot Unit :

Total water requirement = 9.5 m^3/day

Total sewage = 7.20 m^3/day

STP Capacity = 10.00 m^3/day

The treated water from the STP will be used for flushing in the said building and necessary arrangements will be made during construction.

Rain Water Harvesting (RWH)

- 2 Nos. of Tanks with 50 m^3/day capacity will be provided for roof water collection. This will be equal to 1.5 day's fresh water requirement.
- 22 Nos. of Rain Water Harvesting pits of 1.5 mts dia. x 8.0 mts deep will be provided.

Storm water drainage

- Natural water drainage pattern: There is no water drain/natural nallah passing through the plot. Hence the development will not affect the natural drainage system

Solid Waste Generation:

229.5 Kg/day (@ 425g/ person) of solid waste will be generated from the proposed building. The waste is proposed to be segregated right at the site in separate bins so that biodegradable and non-biodegradable wastes are separated. Recyclable materials from non-biodegradable waste will be disposed by selling the same to the scrap dealers. The remaining inert waste along with biodegradable waste is proposed to be disposed off through the Municipal Solid Waste Department of the Municipal Corporation of Greater Mumbai.

Energy:

Total Connected Load : 5015.69 KW (for 108 Flats, Common Services and Residential Parking lots). Max Demand = 2690.54 KW

2 DG sets of 1010 KVA each will be provided for Residential Building as follows:

- 1 D.G set for common area lighting, Lift lobby, entrance lobby, external lighting and other common services like Fire Fighting services, lift, and water pump.
- 1 D.G set for emergency light and fan provision in each flat.

In addition 1 D.G set of 200 KVA DG Set to be provided for the Public Parking Lot.

Energy Conservation:

- Energy efficient fluorescent LED Tube Lights & CFL lamps are proposed whereby approx. 30% more light output is likely to be achieved for the same watts consumed and therefore reducing the power consumption and thereby reducing the need to provide more fixtures and wiring.
- All fluorescent light fixtures are planned with electronic chokes, to provide less wattage-loss, compared to electromagnetic chokes, resulting in superior operating power factor and to improve the life of the fluorescent lamps.
- The UPS is proposed with high input power factor (close to unity) so that input KVA is restricted.
- UPS system is proposed with harmonic distortion restricted to less than 5% compared to far greater than 10% in many conventional UPS systems.
- Bus bars in all distribution panels are specified as copper bus bars to reduce losses and improve reliability.
- Copper conductor cables will be specified for sizes of 16 Sq.m and below, this will reduce losses and improve reliability. All cables will be de-rated to avoid heating during use to indirectly reduce losses and improve reliability.
- Variable frequency drives will be incorporated on motor feeders accordingly to viability, which will save considerable energy.
- Power factor of the complete electrical system will be maintained close to unity. This will reduce electrical power distribution losses.
- An APFC relay based on thyrister switching will be proposed to effect the power factor correction / improvement within a few cycles of deviation from the setting & also to reduce inrush currents.
- Solar operated pole lights will be proposed to power pathway lights at a few strategic locations.
- Presence sensors & daylight sensors will be provided where ever feasible. If not possible centralized control point is provided from which security or using Daily timer switching of light is scheduled to optimum level.
- Water Pumps are planned to be integrated with level controllers to minimized water loss due to over flow

Green Belt Development: Total R.G Area Provided - 3,573.50 Sq. mts
Area of R.G (Additional) on Ground - 1,930.50
35 nos. of trees are existing at the site, and all the trees are proposed to be retained. In addition 183 nos. of trees are proposed to be planted to improve the environment in the site. On completion of the project 218 nos. of tress are planned on site as required under the MCGM norms.

Traffic Management: The Car parking for Residential Wing proposed is 279 nos.
Built up Area for Car Park for Residential Wing - 10,845.90 sq.mts

Environmental Management Plan:
Construction Phase: Total capital cost for EMP shall ₹ 0.50 Lac Lakhs and O & M for EMP shall be ₹ 47.00 Lac lakhs;
Operation Phase : Total capital cost for EMP shall ₹ 11.0 Lac Lakhs and O & M for EMP shall be ₹ 7.00 Lac lakhs

3. The proposal has been considered by SEIAA in its 36th 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 :-

(i) This environmental clearance is issued subject to land use verification. Loc authority / planning authority should ensure this with request to Rules, Regulations Notifications, Government Resolutions, Circulars, etc. issued if any. 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) The proposed height of the building requires NOC from High Rise Committee (HRC). If there is any change in the plans suggested by HRC, Project proponent should approach SEIAA with corrected building plans.

(iii) Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.

(iv) 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. ULB should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.

(v) "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.

(vi) All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.

(vii) 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.

(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) 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.

(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) 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.

(xvi) 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.

(xvii) 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.

(xviii) 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.

(xix) 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.

(xx) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.

(xxi) 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.

(xxii) 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.

(xxiii) 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).

(xxiv) Ready mixed concrete must be used in building construction.

(xxv) The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.

(xxvi) Storm water control and its re-use as per CGWB and BIS standards for various applications.

(xxvii) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

(xxviii) The ground water level and its quality should be monitored regularly in consultation with Ground Water Authority.

(xxix) 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.

(xxx) Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.

(xxxi) Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.

(xxxii) Separation of gray and black water should be done by the use of dual plumbing line for separation of gray and black water.

(xxxiii) 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.

xxxiv) Use of glass may be reduced up to 40% to reduce the electricity consumption a. load on air conditioning. If necessary, use high quality double glass with specia. reflective coating in windows.

xxxv) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement

xxxvi) 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.

xxxvii) Diesel power generating sets proposed as source of back up 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.

xxxviii) 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.

xxxix) 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.

xl) 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

xli) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation

xlii) 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.

xliii) 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.

xliv) Six monthly monitoring reports should be submitted to the Department and MPCB.

xlv) A complete set of all the documents submitted to Department should be forwarded to the 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) No land development / construction work preliminary or otherwise relating to the project shall be taken up without obtaining due clearance from respective authorities.

xlviii) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

xlix) 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.

(i) 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://envis.maharashtra.gov.in.

(ii) 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.

(iii) 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.

(iiii) 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, NOx (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.

(iv) 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.

(v) 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. This environmental clearance is issued as per EIA Notification, 2006. If any part of the plot is affected by CRZ then project proponent should obtain NOC from MCZMA as per FSI applicability. If there is change in building plan accordingly, project proponent should approach SEIAA with corrected plans.

6. 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.

7. 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.

8. **Validity of Environment Clearance**: The environmental clearance accorded shall be valid for a period of 5 years.

9. 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.

10. 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.

11. Any appeal against this environmental clearance shall lie with the National Green Tribunal , Van Vigyan Bhawan, Sec- 5, R.K. Puram, New Dehli – 110 022, if preferred. within 60 days as prescribed under Section 35 of the National Green Tribunal Act, 2010.

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

Copy to:

1. Shri. Ashok Basak, IAS (Retd.), Chairman, SEIAA, 502, Charleville, 'A' Road, Church gate, Mumbai- 400 020, Maharashtra.
2. Shri. P.M.A Hakeem, IAS (Retd.), Chairman, SEAC, 'Jugnu' Kottaram Road, Calicut- 673 006 Kerla.
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, Brihan Mumbai Municipal Corporation.
9. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.
10. Director (TC-1), Dy. Secretary (TC-2), Scientist-1, Environment Department.
11. Select file (TC-3).

ANNEXURE II C

Government of Maharashtra

SEAC-2010/CR-323/TC-2
Environment department,
Room No. 217, 2nd floor,
Mantralaya Annexe,
Mumbai 400 032
Date: 11th June, 2014

To,
M/s K. Raheja Pvt. Ltd.
Plot. No. C-30, Block "G"
Next to Bank of Baroda,
BKC, Bandra (E),
Mumbai- 400 051

Subject: - Amendment in Proposed Residential building and Multi storied Public Parking Lot Building at plot bearing C.S. No. 2/1629 of Lower Parel Division, Plot No. 249 & 249A of worli ,Mumbai by M/s. K. Raheja Pvt. Ltd

Reference- Even number environment clearance letter dated 22nd July, 2011

Sir,

This has reference to your communication on the above mentioned subject.

2. It is noted that, the proposal earlier considered by SEAC in its 32nd, 37th & 40th meetings and recommended to SEIAA. SEIAA in its 36th meeting decided to accord grant of EC to the project. Accordingly EC has been issued to the project vide letter no SEAC-2010/CR-323/TC-2 dated 22nd July, 2011. The amendment proposed in the EC letter is due to aggregate construction area of the project proposed to increase by 8.2 %. This is on account of provision of the mandatory requirements of the authorities relating to the structural requirements, services floors, fire check floors. Considering the marginal changes and minimal impact on environment SEIAA in its 70th meeting decided to grant the amendment of EC as below-

	Environmental Clearance granted on 22nd July 2011		**Now proposed**		**Remarks**
	Residential Wing	**MPPL**	**Residential Wing**	**MPPL**	

Plot area	14638.91 Sq. Mts		14638.91 Sq. Mts		No change
Permissible Built Up Area	29,435.93 Sq. Mts.	-	30,590.03 Sq. Mts	-	a) Permissible Built Up area has increased due FSI benefit of Amenity area being handed over to MCGM. b) FSI area has increased due to Fungible FSI
Fungible Area	-	-	10,706.51 Sq. Mts	-	
Total FSI Area approved	29,435.93 Sq. Mts.	-	41,296.54Sq. Mts	-	
Non- FSI Area	57,403.74 Sq. Mts	-	55,403.12 Sq. Mts	-	Non-FSI area reduced.
Construction Area	86,839.67 Sq. Mts.	33,289.50 Sq. Mts	96,699.66 Sq. Mts	33,119.24 Sq. Mts	9,859.99 Sq. Mts of Construction area has increased due to requirement of structural / services floors and fire check floors
Building Configuration	9 Parking Floors + Stilts + 33 Upper Floors..	2B + Ground + 7 Upper Floors	8 Parking Floors; that is, 2B + G + 5 parking floors + stilts + 5 structural / services floors + 2 fire check floors + 37 habitable floors. The 5th Parking Floor above the Public Parking Lot will be for Residential Parking.	2B + G + 4 parking floors.	**Residential Wing:** **a)** 2 Basements added to adjust services and parking due to change in MPPL Policy **b)** 3 Parking Floors have been reduced due to revised DCR. **c)** 4 habitable floors are added due to fungible FSI. **Municipal Public Parking Lot:** 3 Parking Floors are reduced as per MPPL Policy, DCR – 33(24).
Tenements	108 Nos.	-	102 Nos.		6 Nos. of Flats are reduced due to location of refuge floors, services and revised DCR.

Car Parks Required	270	-	255 Nos.	-	15 Nos. are reduced as per parking requirement for reduced tenements.
Car Parks Proposed	279	775 (inclusive of 21 Nos. of transport vehicles).	319 Nos.	803 Nos. (including 9 transport vehicles).	Parking in Residential Wing increased as permitted under DCR.
Height of the proposed building.	The Environmental Clearance was granted for 195.0 Mts height	MPPL height granted was upto 28.95 Mts	The height now proposed is 188.10M	MPPL height now 18.80 Mts proposed for Ground + 5 Upper Parking Floors within Podium of 24.0 Mts height	Floor Height revised as per new DCR (3.9 Mts instead of 4.2 Mts)

Terms and conditions stipulated in even number environment clearance letter dated 22nd July, 2011 remains the same.

(R.A. Rajeev)
Principal Secretary,
Environment department &
MS, SEIAA

Copy to:

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri. Ravi Bhushan Budhiraja, Chairman, SEAC-II, 5-South, Dilwara Apartment, Cooperage, M.K.Road, Mumbai 400021
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, Municipal Corporation Greater Mumbai (MCGM)

9. IA- Division, Monitoring Cell, MoEF, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi-110003.

10. Select file (TC-3)

(EC uploaded on 12 June 2014)

सत्यमेव जयते

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC-2016/C.R.424/TC-1 Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date:May 12, 2017

To,

Amendment in EC for Proposed Residential tower building and Multi Storied Public Parking Lot building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A 248B Of Worli estate scheme no 52, Worli Mumbai

at Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A 248B Of Worli estate scheme no 52, Worli Mumbai

Subject: Environment Clearance forApplication for Amendment in Environmental clearance for Proposed Residential tower building and Multi Storied Public Parking Lot building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A 248B Of Worli estate scheme no 52, Worli Mumbai

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-II, Maharashtra in its th 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 Meeting Number 111th meetings.

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

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

1.Name of Project	Amendment in EC for Proposed Residential tower building and Multi Storied Public Parking Lot building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A 248B Of Worli estate scheme no 52, Worli Mumbai
2.Type of institution	Private
3.Name of Project Proponent	M/s K Raheja Pvt. Ltd
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd.
5.Type of project	Residential tower building plus public parking lot Project
6.New project/expansion in existing project/modernization/diversification in existing project	Amendment in EC for Proposed Residential tower building and Multi Storied Public Parking Lot building
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC has been received vide letter no : SEAC -2010/CR-323/TC-2 dated 11th June. 2014.
8.Location of the project	Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A 248B Of Worli estate scheme no 52, Worli Mumbai
9.Taluka	mumbai
10.Village	worli
11.Area of the project	MCGM
12.IOD/IOA/Concession/Plan Approval Number	concession document
	IOD/IOA/Concession/Plan Approval Number: EB/1105/GS/A
	Approved Built-up Area: 55676.00
13.Note on the initiated work (If applicable)	The PPL building has been constructed on site. As regards Residential building the work up to 20th habitable floors is completed. Total 1,13,496.53 Sq. M. is constructed on site
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	not applicable
15.Total Plot Area (sq. m.)	20117.24 sqm
16.Deductions	647.93 sqm
17.Net Plot area	19469.31 sqm
18.Proposed Built-up Area (FSI & Non-FSI)	**FSI area (sq. m.):** 54138.85
	Non FSI area (sq. m.): 105600.37
	Total BUA area (sq. m.): 159739.22

19.Total ground coverage (m2)	14448.17
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	74.21%
21.Estimated cost of the project	8829800000

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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
	Fresh water (CMD):	Residential -72 KLD MPPL-2 KLD
	Recycled water - Flushing (CMD):	Residential -36 KLD MPPL- 3 KLD
	Recycled water - Gardening (CMD):	27 KLD
	Swimming pool make up (Cum):	cum
	Total Water Requirement (CMD) :	Residential -135 KLD MPPL- 5 KLD
	Fire fighting - Underground water tank(CMD):	400 cum
	Fire fighting - Overhead water tank(CMD):	cum
	Excess treated water	20 KLD
Wet season:	Source of water	MCGM
	Fresh water (CMD):	Residential -72 KLD MPPL-2 KLD
	Recycled water - Flushing (CMD):	Residential -36 KLD MPPL- 3 KLD
	Recycled water - Gardening (CMD):	0 KLD
	Swimming pool make up (Cum):	cum
	Total Water Requirement (CMD) :	Residential -108 KLD MPPL- 5 KLD
	Fire fighting - Underground water tank(CMD):	400 cum
	Fire fighting - Overhead water tank(CMD):	cum
	Excess treated water	105 KLD
Details of Swimming pool (If any)	..	

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24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	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:**	1.5 m ? 12.0 m bgl
	Size and no of RWH tank(s) and Quantity:	Residential ? 122 KL stilt ? 57 KL
	Location of the RWH tank(s):	Ground and basement
	Quantity of recharge pits:	23
	Size of recharge pits :	1.5 m
	Budgetary allocation (Capital cost) :	Rs 27 Lakhs
	Budgetary allocation (O & M cost) :	Rs 1.35 Lakhs /Annum
	Details of UGT tanks if any :	Domestic Water Tank Residential -90 KL MPPL-5 KL Flushing Water Tank Residential -36 KL MPPL-5 KL Fire Water Tank Residential -300 KL MPPL- 100 KL Rain Water Harvesting Tank Residential ? 122 KL stilt ? 57 KL Location of tank Basement /Ground for RWH
26.Storm water drainage	**Natural water drainage pattern:**	The SWD has been proposed as per the SWD remarks granted by MCGM under no Dy.Ch.E/SWD/249 Dated 21.07.2012
	Quantity of storm water:	The SWD has been proposed as per the SWD remarks granted by MCGM under no Dy.Ch.E/SWD/249 Dated 21.07.2012
	Size of SWD:	The SWD has been proposed as per the SWD remarks granted by MCGM under no Dy.Ch.E/SWD/249 Dated 21.07.2012
27.Sewage and Waste water	**Sewage generation in KLD:**	97 KLD
	STP technology:	Residential ?SBR MPPL- MBBR
	Capacity of STP (CMD):	Residential ?125 KL MPPL- 10 KL
	Location & area of the STP:	Basement & ground
	Budgetary allocation (Capital cost):	Rs 65 Lakhs
	Budgetary allocation (O & M cost):	Rs 8 lakhs /annum

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28.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Empty cement bags- 200 nos, Steel= 3 ton , Metal = 200 sqft, Aerocan lightweight block= 250 nos, sand =200 sqft, Tiles/Marble & granite= 50 sqft, Aluminum windows =5 kg
	Disposal of the construction waste debris:	Steel cut pieces shall be used as spacers and chairs in the structure and wastage of steel (balance non usable steel of odd lengths) is sent for recycling,Wastage of sand will be used for bedding for flooring purpose. They shall also be used for backfilling and filler material for leveling of internal roads and pavements
Waste generation in the operation Phase:	Dry waste:	160 Kg/day
	Wet waste:	240 Kg/day
	Hazardous waste:	not applicable
	Biomedical waste (If applicable):	not applicable
	STP Sludge (Dry sludge):	3 Kg/day
	Others if any:	not applicable
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.
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	Not Applicable
Area requirement:	Location(s):	ground
	Area for the storage of waste & other material:	110 sqm
	Area for machinery:	2.03 m x 1.37m x 1.65m i.e 2.5Sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 12 Lakhs
	O & M cost:	Rs 2.4 lakhs /annum

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29.Effluent Charecterestics					
Serial Number	**Parameters**	**Unit**	**Inlet Effluent Charecterestics**	**Outlet Effluent Charecterestics**	**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			

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30.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

31.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

32.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
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/Reliance
	During Construction Phase: (Demand Load)	80 kW
	DG set as Power back-up during construction phase	100 kVA
	During Operation phase (Connected load):	11169 Kw
	During Operation phase (Demand load):	4825 Kw
	Transformer:	Residential ?1 X 2000 kVA MPPL- 500 kVA
	DG set as Power back-up during operation phase:	Residential ?1 X 2000 kVA MPPL- 500 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

Energy saving by non-conventional method:

? Design with low lighting power density of 0.8 w/sft or less in common areas by using LED?S for general lighting with occupancy sensors & timer based controls
? Design with low lighting power density of 0.2 watts/sft or less in the parking areas with T5 using energy efficient 5 star rated equipments
External Light Design with low lighting power density of 0.2 watts/sft or less in the building exterior areas with use of LED?S
Use of efficient VRF or equivalent system with filters like MER

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total Energy saving%	26%
2	% saving through renewable energy w.r.t total saving	10%

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:**	Rs. 90 lakhs
	O & M cost:	Rs. 4.5 lakhs

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	6
2	Noise Environment	Noise Baricades and Green Belt Developments	4
3	Water Environment	Modular STP , Drainage with sedimentation tanks	5
4	Good Health Practices	Site Sanitation & Health Care	4
5	Environment Monitoring	Air,water,noise soil monitoring during construction phase	3

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Solid waste management	OWC	12	2.4
2	waste water management	STP	65	8
3	electrical savings	Energy savings	90	4.5
4	RHW	RWH system	27	1.35
5	RG area	Landscaping	105	21
6	disaster management plan	DMP	650	39

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

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

40.Any Other Information

No Information Available

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	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	B1
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	15-03-2016

3. The proposal has been considered by SEIAA in its Meeting Number 111th 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:

General Conditions:

I	E-waste shall bedisposed 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 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.
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, SO2, NOx (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.

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

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the 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 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 environmental clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune),New Administrative Building, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Shri Satish.M.Gavai (Member Secretary SEIAA)

Copy to:

1. SHRI ANAND. B. KULKARNI, CHAIRMAN-SEIAA
2. SHRI UMAKANT DANGAT, CHAIRMAN-SEAC-I
3. SHRI JOHNY JOSEPH, 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

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सत्यमेव जयते

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date:August 3, 2019

To,
M/s K Raheja Pvt. Ltd
at Plot bearing CS No 2/1629 & 1A/1629 of Lower Parel division, Plot No 249 & 249A, 248B Of Worli estate scheme no 52, Worli Mumbai

Subject: Environment Clearance for Expansion of Proposed Residential tower building, Multi Storied Public Parking Lot building, Commercial Building & Residential Building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A, 248B of Worli estate scheme no 52, Worli Mumbai by M/s K Raheja Pvt. Ltd

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 102nd 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 172nd meetings.

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

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

1.Name of Project	Expansion of Proposed Residential tower building, Multi Storied Public Parking Lot building, Commercial Building & Residential Building
2.Type of institution	Private
3.Name of Project Proponent	M/s K Raheja Pvt. Ltd
4.Name of Consultant	M/s. Enviro Analysts & Engineers Pvt. Ltd
5.Type of project	Expansion of Proposed Residential tower building, Multi Storied Public Parking Lot building, Commercial Building & Residential Building
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in Existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	EC has been Received dated 12th May 2017 (SEIAA-EC-0000000102) for construction area 159739.22 sqm
8.Location of the project	Plot bearing CS No 2/1629 & 1A/1629 of Lower Parel division, Plot No 249 & 249A, 248B Of Worli estate scheme no 52, Worli Mumbai
9.Taluka	Mumbai
10.Village	Worli
Correspondence Name:	Mr. Nikhil Mehta
Room Number:	Architect Department
Floor:	6th Floor
Building Name:	Raheja Tower
Road/Street Name:	Plot-C-30, Block -G
Locality:	Bandra Kurla Complex , Bandra (East)
City:	Mumbai 400051

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11.Whether in Corporation / Municipal / other area	Municipal Corporation of Greater Mumbai (M.C.G.M.)
12.IOD/IOA/Concession/Plan Approval Number	Concession Received from MCGM
	IOD/IOA/Concession/Plan Approval Number: EB/1105/GS/A
	Approved Built-up Area: 65714.20
13.Note on the initiated work (If applicable)	As per architect certificate dated 04.10.2018 Total 1,39,961.84 sqm is constructed on site as per EC received dated 12th May 2017 (SEIAA- EC-0000000102) for construction area 159739.22 sqm
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	HRC NOC received , CFO NOC received ,I to R received ,HE NOC received ,SWD NOC received
15.Total Plot Area (sq. m.)	20117.24 sqm
16.Deductions	1449.85 sqm (Road set back - 647.93 sqm + Amenity open spaces - 801.92 sqm)
17.Net Plot area	18667.39 sqm.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**FSI area (sq. m.):** 65,714.20
	Non FSI area (sq. m.): 1,13,052.83
	Total BUA area (sq. m.): 178767.03
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 65,714.20
	Approved Non FSI area (sq. m.): 1,13,052.83
	Date of Approval: 27-08-2018
19.Total ground coverage (m2)	14,671 sqm
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	78.59%
21.Estimated cost of the project	10190000000

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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/STP recycled water
	Fresh water (CMD):	Residential -78 KLD , MPPL-2 KLD, Commercial wing A- 8 KLD, Residential wing B- 16 KLD Total – 104 KLD
	Recycled water - Flushing (CMD):	Residential -39 KLD , MPPL-3 KLD, Commercial wing A- 10 KLD, Residential wing B- 8 KLD Total- 60 KLD
	Recycled water - Gardening (CMD):	30 KLD
	Swimming pool make up (Cum):	25 KLD
	Total Water Requirement (CMD) :	194 KLD
	Fire fighting - Underground water tank(CMD):	Residential – 300 Cum, MPPL-100 cum, Wing A & B-200 cum
	Fire fighting - Overhead water tank(CMD):	Residential – 210 cum, MPPL- 30 cum, Commercial wing A- 30 cum, Residential wing B- 30 cum
	Excess treated water	48 KLD
Wet season:	**Source of water**	MCGM/STP recycled water/RWH
	Fresh water (CMD):	Residential -78 KLD , MPPL-2 KLD, Commercial wing A- 8 KLD, Residential wing B- 16 KLD Total – 104 KLD
	Recycled water - Flushing (CMD):	Residential -39 KLD , MPPL-3 KLD, Commercial wing A- 10 KLD, Residential wing B- 8 KLD Total- 60 KLD
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	25 KLD
	Total Water Requirement (CMD) :	164 KLD
	Fire fighting - Underground water tank(CMD):	Residential – 300 Cum, MPPL-100 cum, Wing A & B-200 cum
	Fire fighting - Overhead water tank(CMD):	Residential – 210 cum, MPPL- 30 cum, Commercial wing A- 30 cum, Residential wing B- 30 cum
	Excess treated water	78 KLD
Details of Swimming pool (If any)	1 swimming pool of dimensions-24.75 m x 37.12m x 1.5 m	

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24.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	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:	1.5 m - 12.0 m bgl
	Size and no of RWH tank(s) and Quantity:	Residential – 110 cum, Commercial wing A- 50 ,Residential -15 cum Total – 175 cum
	Location of the RWH tank(s):	Basement
	Quantity of recharge pits:	23 nos. of recharge pits with bore well along with Grease cum distilling chamber
	Size of recharge pits :	1.5 m diameter x 6.00 m depth
	Budgetary allocation (Capital cost) :	Rs 15.00 Lakhs
	Budgetary allocation (O & M cost) :	Rs 0.75 Lakhs /Annum
	Details of UGT tanks if any :	Fire tank ,Domestic tank, Flushing Tank, RWH Tank all located in the Basement

26.Storm water drainage	Natural water drainage pattern:	The storm water collected through the storm water drains of adequate capacity will be discharged in to the municipal storm line along the DP existing roads which is towards north
	Quantity of storm water:	0.39 m3/sec
	Size of SWD:	300 mm RCC pipe

27.Sewage and Waste water	Sewage generation in KLD:	Residential – 110 KLD , MPPL-4 KLD, Commercial wing A- 17 KLD, Residential wing B- 23 KLD Total – 154 KLD
	STP technology:	Residential –SBR, MPPL- MBBR, Commercial wing A & Residential wing B- MBBR
	Capacity of STP (CMD):	Residential -150 KLD , MPPL- 10 KLD, Commercial wing A & Residential wing B - 45 KLD
	Location & area of the STP:	Basement
	Budgetary allocation (Capital cost):	Rs 90.00 Lakhs
	Budgetary allocation (O & M cost):	Rs 15.00 lakhs /annum

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28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Excavated material, Cement Bags, Paint container (@20L), Scrap metal, Broken Tiles etc
	Disposal of the construction waste debris:	Excavated material Shall be used on site for backfilling and for Internal roads. Excess shall be disposed to authorized landfills, Cement Bags Empty bags to be handed over to recycler, Paint container (@20L) To be handed over to recycler. Scrap metal generated Entirely to be Sold for recycling, Broken Tiles Waste tiles to be used for skirting. Broken pieces to be used for china mosaic waterproofing of terraces
Waste generation in the operation Phase:	**Dry waste:**	378 Kg/day
	Wet waste:	432 Kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	8 Kg/day
	Others if any:	E- waste to be handed over to MPCB authorized vendors
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.
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	To be used as a manure
	Others if any:	E- waste to be handed over to MPCB authorized vendors
Area requirement:	**Location(s):**	Ground floor
	Area for the storage of waste & other material:	110 sqm
	Area for machinery:	5 sqm for each machine
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs 15.00 Lakhs
	O & M cost:	Rs 3.00 lakhs /annum

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29.Effluent Charecterestics					
Serial Number	**Parameters**	**Unit**	**Inlet Effluent Charecterestics**	**Outlet Effluent Charecterestics**	**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			

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30.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

31.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

32.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
33.Source of Fuel		Not applicable		
34.Mode of Transportation of fuel to site		Not applicable		

35.Energy

Power requirement:	Source of power supply :	BEST/TATA
	During Construction Phase: (Demand Load)	400 kW
	DG set as Power back-up during construction phase	65 kVA
	During Operation phase (Connected load):	9304 kw
	During Operation phase (Demand load):	4392 kw
	Transformer:	4 X 1500 kVA
	DG set as Power back-up during operation phase:	1 x 2250 kVA & 2x 250 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

Energy saving by non-conventional method:

- Design with low lighting power density of 0.8 w/sft or less in common areas by using LEDs for general lighting with occupancy sensors & timer based controls
- Design with low lighting power density of 0.2 watts/sft or less in the parking areas with T5
- using energy efficient 5 star rated equipment's
- External Light Design with low lighting power density of 0.2 watts/sft or less in the building exterior areas with use of LEDs
- Use of efficient VFD or equivalent system with filters.

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36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Overall energy savings	26%

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:	Rs. 120.00 lakhs
	O & M cost:	Rs. 6.00 lakhs/Annum

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Water Sprinkling, Green Belt Development & Covered storage area	20.00
2	Noise Environment	Noise Baricades and Green Belt	8.00
3	Water Environment	Modular STP , Drainage with sedimentation tanks	6.00
4	Land Environment	Site Sanitation	1.00
5	Environmental Monitoring	Air,water,noise soil monitoring	1.50
6	EHS	Disinfection & Health Care	3.00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Solid waste management	OWC	15.00	3.00
2	waste water management	STP	90.00	15.00
3	RHW	RHW tanks and pits	15.00	0.75
4	Energy conservation	Solar and LED	120.00	6.00
5	Landscape	Greenbelt	120.00	24.00

39.Storage of chemicals (inflamable/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

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Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Any Other Information

No Information Available

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	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	8(b), category B1
	Court cases pending if any	NA
	Other Relevant Informations	The Occupation Permission to Public Parking Lot is granted on 07/09/2016 and same is handed over to MCGM on 06/01/2017. ToR has been received in 79th SEAC II meeting Dated 28.11.2018
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	11-10-2018

3. The proposal has been considered by SEIAA in its 172nd 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 & upload EC compliance report, as discussed in the meeting.
II	PP to submit the structural stability certificate with load calculations as per NBC.
III	PP to submit & upload HRC NoC.
IV	PP to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect.
V	PP to submit detail calculation & plan for STP, OWC.
VI	PP to provide E-waste, Plastic waste transits store.
VII	PP to submit comparative statement regarding assessment of Environment Impact as per earlier EIA, Actual and impact due to proposed expansion.
VIII	PP to submit CER as per MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project.
IX	PP to also refer standard ToR published by MoEF vide order dated 10/04/15 in addition to above.
X	It is noted that representative of PP not submitted the authority letter. PP to submit the same along with copy of company resolution.
XI	It is noted that the building configuration mentioned in the architect certificate & in PPT not matching. PP to submit the detail revised dated architect certificate addressed to committee.
XII	Structural Engineer & design engineer to remain present for meeting to explain the proposal in detail.
XIII	PP to upload the copy of HRC NoC.
XIV	PP to upload the copy of revised CFO NoC (for Commercial building).
XV	Local planning authority to ensure the structural stability of building for which vertical expansion is proposed before granting CC.
XVI	PP to ensure that minimum 40% area of proposed STP tanks should be open to sky for adequate ventilation.
XVII	The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
XVIII	PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project or Environment Department may direct PP to undertake CER work in identified area, as identified by Environment Department.

XIX	PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement to Member Secretary, SEIAA.
XX	PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF & CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
XXI	SEIAA decided to grant EC for:FSI: 65640.87 m2, Non-FSI: 113126.16 m2 and Total BUA:178767.03 m2 (IOD no-EB/1105/E/A, Date-24.01.2019)

General Conditions:

I	E-waste shall bedisposed 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 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.
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, SO2, NOx (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.

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

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

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

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

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

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

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune),New Administrative Building, 1stFloor, 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

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Annexure II (F)

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/MIS/42830/2018
Environment Department
Room No. 217, 2nd Floor,
Mantralaya,
Mumbai- 400032.
Date: 31.03.2020.

To,
M/s K Raheja Pvt. Ltd.
Worli estate scheme no 52, Worli Mumbai

Subject : Environment Clearance for Expansion of Proposed Residential tower building, Multi Storied Public Parking Lot building, Office Building & Residential Building on Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No 249 & 249 A, 248B of Worli estate scheme no 52, Worli Mumbai by M/s K Raheja Pvt. Ltd.

Reference: Application no. SIA/MH/MIS/42830/2018

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-2 in its 126th meeting under screening category 8 (b) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 187th meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

Total Plot area	20117.24 Sq. Mt.
Deduction	0.00
Net Plot area	20117.24 Sq. Mt.
FSI area	88,047.07 Sq. Mt.
Non- FSI area	1,28,863.13 Sq. Mt.
Total Built-up area	2,16,910.20 Sq. Mt.
Building Configuration	Residential tower - 2B+G+5 parking floors + stilt 6 +structural/service floors+ 3 fire check floors+ 49 habitable floors. The 5th parking floor above the public parking lot will be for residential parking 239.00 m . PPL - 2B+G+4 parking floors. 3B+ G + 8 (pt) office floors35.20 m. Residential Bldg -Wing B Stilt + 6 habitable floors 24.00 m.
Number of tenants and shops	Residential Tower – 183 no's, Office Bldg (wing A)- 19086.77 sq. m, Residential Bldg (Wing B) – 36 no's
Total Population	Residential Tower – 915 no's, Office Bldg wing A- 1908 no's, Residential Bldg. Wing B – 180 no's, Total – 3003 no's
Water requirement	During Dry season – 268 KLD, During Wet season – 238 KLD..

Rain water Harvesting	: Size and no of RWH tank(s) and Quantity: NA Quantity of recharge pits: 3
Details of UGT	: Fire water tank: 200 KLD Domestic water tank: 70 KLD Flushing water tank: 90 KLD
Sewer generation	: 223 KLD
STP capacity, technology & location	Residential – 114 KLD , MPPL-4 KLD, office wing A-82 KLD, Residential wing B- 23 KLD Total – 223 KLD.
RG required and Provided	4680.82 Sq.m.
Energy requirement	(Connected load) –14213 kw, (Demand load) – 7511 kw No. of DG sets & capacities : 1 x 2250 kVA & 2x 1250 kVA, 1 x 250 kVA
Energy Saving	Overall Energy saving total : Residential tower : 17%, Wing A & B: 13%
Solid waste generation	: Dry waste (Non- Biodegradable waste): 462 Kg/day Wet waste (Biodegradable waste): 308 Kg/day
OWC capacity	2 nos. of OWC
Parking	2 – Wheeler : Residential- 23 MPPL - 20 Total-43 no's, 4- Wheeler : Residential -529 no's Wing A &B -518 no's Total – 1047 no's (MPPL-803 (Including 9 Transport vehicle).
EMP costing	Setting-up Cost-1282 Lakhs,
	Operational Cost- 138.90 Lakhs.
CER	: Cost of the Project: 2.05 Crs.

3. The proposal has been considered by SEIAA in its 187th meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

I. PP to upload the wind analysis report & impact on RG.
II. PP to upload the copy of application regarding HRC NoC & civil aviation NoC.
III. The PP to get NOC from competent authority with reference to Thane creek flamingo sanctuary if the project site falls within 10 Km radius from the said sanctuary boundary. The planning authority to ensure fulfilment of this condition before granting CC.
IV. EC is subject to submission of HRC NOC.
V. PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.
VI. PP Shall comply with Standard EC conditions mentioned in the Office Memorandum issued by MoEF& CC vide F.No.22-34/2018-IA.III dt.04.01.2019.
VII. SEIAA decided to grant EC for FSI: 88047.07m2, Non-FSI: 128863.13 m2 and Total BUA:216910.20 m2 (Plan Approval no-EEEB/1105/GS/A, Date-07.02.2020)

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 of 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 neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people. only in approved sites with the approval of competent authority.

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 levelling 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 of 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.3

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 affluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/ refused to the maximum extent possible. Discharge of this unused treated affluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.

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 grey and black water should be done by the use of dual plumbing line for separation of grey 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 fulfil 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 of /sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.

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

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.

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 fulfil 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://parivesh.nic.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. SO2, NOx (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.

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, amended time to time.
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, 1stFloor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Anil Diggikar
(Member Secretary, SEIAA)

Copy to:

1. Shri Johny Joseph, Chairman,SEIAA.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. Municipal Commissioner, MCGM.
7. Regional Officer, Maharashtra Pollution Control Board, Mumbai.

Annexure III

MUNICIPAL CORPORATION OF GREATER MUMBAI
APPENDIX XXII
PART OCCUPANCY CERTIFICATE
[EB/1105/GS/A/OCC/1/New of 10 June 2020]

To,
M/s. K Raheja Pvt. Ltd
Plot No.C-30, G Block, Raheja Tower, Bandra Kurla Complex, Bandra (E).

Dear Applicant/Owners,

The **Part 2** development work of **Residential** building comprising of **4th and 5th (Below Tower Portion) parking floor + 23rd to 35th habitable floors + 1 service floor(Between 27th and 28th habitable floor) and 1 fire check floor(Between 25th and 26th habitable floor) and club house** on plot bearing C.S.No./CTS No. **2/1629,1A/1629** of Division **Lower Parel** at **Doordarshan Tower** is completed under the supervision of Shri. **KASTURI KEDAR PEWEKAR** , **Architect** , Lic. No. **CA/97/20974** , Shri. **Girish Purushotam Dravid** , RCC Consultant, Lic. No. **STR/D/59** and Shri. **Mohit Adelkar** , Site supervisor, Lic.No. **A/179/SS-I** and as per development completion certificate submitted by architect and as per completion certificate issued by Chief Fire Officer u/no. **EB/1105/GS/A-CFO/1/New** dated **04 March 2020**.

It can be occupied with the following condition/s.

1) That all the balance conditions of I.O.D / amended plan approval letters shall be complied with before asking further OC.
2) That the remaining work shall be carried out as per approved amended plans.
3) That all the safety and precautionary measures to safeguard the occupants and neighborhood shall be taken while executing the remaining construction works.

Copy To :
1. Asstt. Commissioner, G/South
2. A.A. & C. , G/South
3. EE (V), City
4. M.I. , G/South
5. A.E.W.W. , G/South
6. Architect, KASTURI KEDAR PEWEKAR , Plot No. C-30, Block 'G', Opp. SIDBI, Bandra Kurla Complex, Bandra (East)

For information please

Name : JADHAV RAJENDRA ANANDRAO
Designation : Executive Engineer
Organization : Municipal Corporation of Greater Mumbai
Date : 10-Jun-2020 16: 09:20

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

MUNICIPAL CORPORATION OF GREATER MUMBAI
APPENDIX XXII
PART OCCUPANCY CERTIFICATE
[EB/1105/GS/A/OCC/2/New of 18 December 2020]

To,
M/s. K Raheja Pvt. Ltd
Plot No.C-30, G Block, Raheja Tower, Bandra Kurla Complex, Bandra (E).

Dear Applicant/Owners,

The **Part 3** development work of **Residential** building comprising of **2nd parking floor + 5th parking floor (Beyond Tower Portion) + Stilt + 36th to 45th habitable floors + 1 service floor (Between 37th and 38th habitable floor) and 1 fire check floor (Between 42nd and 43rd habitable floor)** on plot bearing C.S.No./CTS No. **2/1629,1A/1629** of Division **Lower Parel** at **Doordarshan Tower** is completed under the supervision of Shri. **KASTURI KEDAR PEWEKAR** , **Architect** , Lic. No. **CA/97/20974** , Shri. **Girish Purushotam Dravid** , RCC Consultant, Lic. No. **STR/D/59** and Shri. **Mohit Adelkar** , Site supervisor, Lic.No. **A/179/SS-I** and as per development completion certificate submitted by architect and as per completion certificate issued by Chief Fire Officer u/no. **EB/1105/GS/A-CFO/1/New** dated **10 December 2020**.

It can be occupied with the following condition/s.

1) That all the balance conditions of I.O.D / amended plan approval letters shall be complied with before asking further OC.
2) That the remaining work shall be carried out as per approved amended plans.
3) That all the safety and precautionary measures to safeguard the occupants and neighborhood shall be taken while executing the remaining construction works.

Copy To :

1. Asstt. Commissioner, G/South
2. A.A. & C. , G/South
3. EE (V), City
4. M.I. , G/South
5. A.E.W.W. , G/South
6. Architect, KASTURI KEDAR PEWEKAR, Plot No. C-30, Block 'G', Opp. SIDBI, Bandra Kurla Complex, Bandra (East)

For information please

Name : JADHAV RAJENDRA ANANDRAO
Designation : Executive Engineer
Organization : Municipal Corporation of Greater Mumbai
Date : 18-Dec-2020 14: 30:08

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

MB/(2)

ANNEXURE IV A

MUNICIPAL CORPORATION OF GREATER MUMBAI
No. CHE/HRB-226/DPWS of

08 APR 2013

OFFICE OF THE:
Chief Engineer (Development Plan)
Brihanmumbai Mahanagarpalika,
Municipal Head Office, 5th Floor,
Annex Building, Mahapalika Marg,
Fort, Mumbai-400 001.

To,
Shri Sambaprasad Pinge,
Architect,
Plot No.C-30, Block 'G',
Opp.SIDBI, Bandra Kurla Complex,
Bandra(E),Mumbai-400051.

Sub:- Proposed High Rise Residential building on property bearing C.S.No.2/1629 of Lower Parel Division, Plot No.249 & 249A of Worli Scheme No.52 situated at Lower Parel, Mumbai in G/S Ward (For Dev.Mr.Ravi Raheja of M/s.K.Raheja Pvt.Ltd.).

Architect: **Shri Sambaprasad Pinge**
Str.Con: **Mr.Girish Dravid of M/s.Sterling Engg. Consultancy Pvt.Ltd.**
Developer: **Mr.Ravi Raheja of M/s.K.Raheja Pvt.Ltd.)**

Ref:- Your letter dtd.16.12.2012

Gentleman,

K. Raheja Corp

With reference to your above referred representation regarding subject matter, I have by direction to inform you that the High Rise Committee as constituted by the Govt. in Urban Development Deptt. as per G.R.U/No.TPB-4303/49/CR-4/03/UD-11 dt.3.9.2010 has accepted your proposal for Proposed High Rise Residential building on property bearing C.S.No.2/1629 of Lower Parel Division, Plot No.249 & 249A of Worli Scheme No.52 situated at Lower Parel, Mumbai in G/S Ward (For Dev.Mr.Ravi Raheja of M/s.K.Raheja Pvt.Ltd.), subject to the terms & conditions as mentioned below:-

The proposal envisages construction of high rise residential building having ground floor + 1st to 5th parking floors + 6th floor as a stilt + service floor + 1st to 42nd upper residential floors Fire Check floor in between 9th & service floor and 25th & 26th floor with a total height of building 207.60 mt. from general ground level up to terrace level.

MANDATORY CONDITIONS:

1. Access roads to the site and roads on the site that will be required as per plan permanently should be minimum water bound macadam road and constructed before construction activities commence. This will help in reducing local dust emissions to a great extent. The road can be converted to a black top road once the construction activities are completed.
2. As the site is located in an developed urban area, it is essential to enclose the site using barriers, to reduce the noise and dust impacts on surrounding buildings and sites.

3. Jack hammers and other construction equipments tend to generate a lot of noise, it is therefore essential that noise protective equipments like ear muffs & ear plugs be provided to the operator of the machine. To reduce the noise from the equipment, silencer/ dampers should be attached to the equipment.

4. All Stationary machinery that create noise should be installed at points away from sensitive receptor area.

5. Noise prone activities should be restricted to the extent possible during night time, particularly during the period 6p.m. to 6.a.m.

6. During excavation and transportation over un-metalled roads near the project site, there is a scope for local dust emissions. Frequent water sprinkling in the vicinity of the construction activity should be done and it should be continued even after the completion of the excavation till construction is complete.

7. Excavation should be carried out in such a manner that it will not reduce slope stability. As much of the top soil and waste materials as possible should be used for landscaping and leveling activities in the surrounding area. As far as possible store the excavated soil (the amount that would be required later for leveling and landscaping) on site, so that the soil can be reused during landscaping.

8. A basic surface drainage system for the site should be worked out to avoid water runoff on to the surrounding properties and roads, especially during the monsoon months.

9. If during excavation, water accumulates in the excavated areas, then it should be pumped out and disposed off either in the municipal storm water drain or into recharge soak pits of bore wells.

10. Load and unload trucks with construction material on site and not on surrounding roadside.

11. The responsibility to carryout the work as per submissions made to the Committee solely rests with the project proponents.

12. If the project attracts the provisions of the MOEF Notification under SO No.114(E) dt.19.2.1991 and recent Notification dt.6.1.2011 and Notification dtd.07-07-2004 & revised EIA Notification dtd.14.9.2006, the clearance in this respect shall be obtained and all the conditions mentioned therein shall be complied with.

13. The sanction from appropriate authority shall be obtained for proposed work wherever concessions are required for features beyond the stipulated limits in D.C.Regn.,1991, for deficiency in open spaces, etc. before approval of plans.

14. The conditions as stated in the NOC from CFO U/No.FBM/507/196 dt.29.10.2007, No.FMB/508/425 DT.5.1.2009, No.FB/HR/CITY/39 dt.22.4.2010, No.FB/HR/CITY/343 dt.18.11.2011 & No.FB/HR/CITY/119 dt.25.5.2012 and U/No.FB/HR/CITY/473 dtd.19.1.2013 shall be complied with. If the plans cleared by Committee, differ from the plans of CFO NOC, revised CFO NOC shall be submitted to the concerned Zonal Building Proposal Office.

15. That the NOC from Civil Aviation Authority for the height of the building under reference shall be obtained, if applicable, and all the conditions thereof shall be complied with.

16. The acceptance of proposal by High Rise Committee is not indicative of admissibility/approval of the proposal regarding D.C. Regulations,1991 other statutory compliances & the necessary building proposal shall be submitted to concerned Ex.Eng.(Bldg.Proposal) for requisite approval. The aspect such as permissible FSI applicable DC Rules & policies in force shall

be verified by the concerned Executive Engineer (Building Proposal) before approval of plans.

17. The Technical Committee for High Rise Buildings, however, reserves right to alter/ modify/ augment fire safety related provisions as well as disaster management related provisions, on the basis of decision to be taken in the upcoming meetings.

18. That the permission is granted based on the documents submitted by the Architect and if at any time are found fake/ frauduient, then the permission issued shall be treated as revoked/ cancelled without further notice.

19. After the clearance given by HRC for a proposed building, not further changes of any kind shall be effected without permission of the HRC (Technical Committee for High Rise Buildings). If any changes made in the proposal without obtaining clearance from HRC, earlier clearance given by the HRC shall be treated as revoked/ invalid.

20. **That the NOC from IMD shall be submitted before issue of any further permission in the proposal, if the proposal falls within 10 KM from Archana Building, Navy Nagar, Coloba where Doplar Radar is situated.**

21. That the aspect regarding approval/ final NOC to the 33(24) component, if any, and its respective permission shall be scrutinized by Dy.Ch.Eng.(B.P.) as per the prevailing policy and the sanction from respective HPC shall be obtained.

22. The necessary other permissions from various other Departments/ Committees/ Authorities shall be obtained as per requirements.

Recommendatory Condition

1. At the time of site clearance, care must be taken to minimize the need for cutting of trees and damage to the native vegetation.

2. Clearing of site area may involve removal/ transplantation of trees, underbrush, vines, fences, shades etc. All the unwanted vegetation then becomes solid waste that needs to be disposed off site. As this is organic matter, instead of disposing it offsite, the mater should be composed on site.

3. Phase out the site clearing process to only areas that need excavation initially this will reduce the dust emission from currently unused areas. If site has been cleared, vegetate the area by growing temporary groundcover plants or flower beds in the area. Alternatively cover the ground with a sheet, this sheet can be made out of empty cement bags, and the area then used to store materials, this will help reduce the dust emissions from these areas and provide a clean surface to store material on.

4. To reduce dust emissions and erosions from slopes on the site, apply non toxic chemical soil stabilizers (Geotextiles) to the area.

5. The short term traffic management plan should be worked out to prevent unnecessary traffic problems. One measure to be incorporated is to avoid trucks during the morning and evening rush hours i.e. before 10.00 a.m. and after 5.00 p.m.

6. In cases where the construction of paved access or Water bound macadam road is not possible, frequent water sprinkling required to reduce local dust emissions.

7. Traffic speeds on unpaved roads should be reduced to 15 Km.ph. or less, and all the vehicles should have reverse horns.

8. On windy days avoid excavation activities to reduce dust emissions.

9. Prevent the excavated soil from spilling out of the site boundaries onto adjoining roads and properties.

10. Prevent other garbage waste such as construction debris, plastic material from mixing with the excavated soil that is being transported out of the site for dumping off site. This soil will be used for land filling and mixing of garbage with it can lead to soil contamination.

11. Water the site at least twice a day to reduce the dust emissions. Once during mid morning and once in the evening.

12. Soil stockpiled for more than two days shall be covered, kept moist or treated with soil binders to prevent dust generation. (A good cover sheet can be formed by stitching empty cement bags silt open to form a sheet).

13. Since, there is likelihood of fugitive dust form the construction activity, material handling and from the truck movement in the vicinity of the project site, project proponents should go for tree plantation programme along the approach roads and the construction campus.

14. Re-vegetate disturbed areas as early as possible.

15. As soon as construction is over, the surplus earth should be utilized to fill up low lying areas. The rubbish should be cleared and all un built surfaces reinstated.

16. Construct appropriate temporary housing structures for the labourers on the site with due approval from the competent authority. Houses should be provided with proper light and ventilation, and should be located at a safe location on the site.

17. Provisions should be made for providing them with potable, drinking water.

18. The construction site should be provided with sufficient and suitable toilet facilities for workers to allow proper standards of hygiene. These facilities would be connected to septic tank and maintained properly to ensure minimum environmental affect. Care should be taken not to route the sanitary effluents to the river or any other natural water body.

19. To prevent unauthorized falling of trees in the nearby undeveloped areas by construction workers for their fuel needs, it should be ensured that the contractor provides fuel to the construction workers.

20. Arrangements should be made for daycare and education to construction workers children. Certain NGO's working in this area can be associated with or alternatively one female worker can be paid to oversee the younger children and to prevent them from coming in harms way.

21. Solid waste generated from the labour camp as well as the construction site should be disposed off properly. Organic waste can be composted, and inorganic waste should be disposed in nearest municipal bins.

22. To sweep and clean adjacent roads of the site that get soiled due to the frequent movement of trucks to and fro from the site, at least once a day.

23. All outdoor lighting, including any construction related lighting should be designed, installed and operated in a manner that ensures that all direct rays from project lighting are contained within construction site and that residences are protected from spillover light and glare.

24. Parking for construction site workers should be provided on site to prevent clogging of surrounding roads.

25. Tea stalls if established for the site should be given space on site and not on access roads. This will prevent the gathering of labourers on the roads and obstruction of traffic.

26 Rotary piling method can be adopted for construction of bored cast in site/ bored pre-cast piles. Preferably, M.S. liner can be provided upto hard stratum.

27. Preferable minimum grade concrete in sub structure foundation can be M-40 grade and use of anti corrosive treatment can be considered for M.S. reinforcements.

28. Ground Water in Mumbai is likely to be saline and further there is a possibility of sewage contamination in well water, as such, municipal water be used for construction.

29. Withdrawal of ground water should be restricted as it may cause sudden draw-down and subsidence of surrounding land/buildings.

30. The electric meters and substation in the buildings be located on higher level to prevent power failure during floods.

If your client is agreeable to the aforesaid terms and conditions, you may approach to the DY.CH.ENG.(B.P.)CITY, who is being informed separately regarding subject matter.

Yours faithfully,

Acc:- A Set of Plan + EMP Book

Chief Engineer
(Development Plan)
Member Secretary,
Technical Committee for
High Rise Buildings

K Raheja Corp

Annexure IV (B)

MUNICIPAL CORPORATION OF GREATER MUMBAI

No. CHE/HRB-807/DPWS 04 JUL 2019

OFFICE OF THE -
Chief Engineer (Development Plan)
Brihanmumbai Mahanagarpalika,
Municipal Head Office, 5th Floor,
Annex Building, Mahapalika Marg,
Fort, Mumbai-400 001.

To,
M/s.Kasturi Pewekar,
Architect,
Plot No.C-30, Block 'G',
Opp.SIDBI, Bankdra Kurla Complex,
Bandra(E), Mumbai-400 051.

Sub:- Proposed High Rise Residential Building on land bearing C.S.Nos.1A/1629 & 2/1629, Plot Nos.248B, 249 & 249A of Worli Scheme No.52, Lower Parel Division, Mumbai, in G/S Ward (For Dev.:M/s.K.Raheja Pvt.Ltd.).

Architect: M/s.Kasturi Pewekar
Str.Con: M/s.Sterling Engineering Consultancy Services Pvt.Ltd.
Geotech.:Con.: M/s.Geocon International Pvt.Ltd.
Developer: M/s.K.Raheja Pvt.Ltd.

Ref:- Your letter dtd.17.7.2018 & 25.4.2019.

Gentleman,

With reference to your above referred representation regarding subject matter, I have by direction to inform you that the High Rise Committee constituted by Hon'ble Municipal Commissioner under Regulation 19(3) of Development Control & Promotion Regulation 2034 has accepted your proposal for proposed High Rise Residential Building on land bearing C.S.Nos.1A/1629 & 2/1629, Plot Nos.248B, 249 & 249A of Worli Scheme No.52, Lower Parel Division, Mumbai, in G/S Ward (For Dev.:M/s.K.Raheja Pvt.Ltd.), as per the High Rise Committee meeting held on 27.4.2019, subject to the terms & conditions as mentioned below:-

The proposal envisages construction of proposed High Rise Residential Building having 2 level basements + ground floor + 1st to 5th parking floors + 6th floor as a silt + 1st to 45th upper residential floors (45 floors on front and rear side) + 6 service floors + 3 fire check floors with total height of **223.40 mt.** from the general ground level to the terrace level.

MANDATORY CONDITIONS:

1. Access roads to the site and roads on the site that will be required as per plan permanently should be minimum water bound macadam road and constructed before construction activities commence. This will help in reducing local dust emissions to a great extent. The road can be converted to a black top road once the construction activities are completed.

2. As the site is located in an developed urban area, it is essential to enclose the site using barriers, to reduce the noise and dust impacts on surrounding buildings and sites.

3. Jack hammers and other construction equipments tend to generate a lot of noise, it is therefore essential that noise protective equipments like ear muffs & ear plugs be provided to the operator of the machine. To reduce the noise from the equipment, silencer/ dampers should be attached to the equipment.

4. All Stationary machinery that create noise should be installed at points away from sensitive receptor area.

5. Noise prone activities should be restricted to the extent possible during night time, particularly during the period 6p.m. to 6.a.m.

6. During excavation and transportation over un-metalled roads near the project site, there is a scope for local dust emissions. Frequent water sprinkling in the vicinity of the construction activity should be done and it should be continued even after the completion of the excavation till construction is complete.

7. Excavation should be carried out in such a manner that it will not reduce slope stability. As much of the top soil and waste materials as possible should be used for landscaping and leveling activities in the surrounding area. As far as possible store the excavated soil (the amount that would be required later for leveling and landscaping) on site, so that the soil can be reused during landscaping.

8. A basic surface drainage system for the site should be worked out to avoid water runoff on to the surrounding properties and roads, especially during the monsoon months.

9. If during excavation, water accumulates in the excavated areas, then it should be pumped out and disposed off either in the municipal storm water drain or into recharge soak pits of bore wells.

10. Load and unload trucks with construction material on site and not on surrounding roadside.

11. The responsibility to carry out the work as per submissions made to the Committee solely rests with the project proponents.

12. If the project attracts the provisions of the MOEF Notification under SO No.114(E) dt.19.2.1991 and recent Notification dt.6.1.2011 and Notification dtd.07-07-2004 & revised EIA Notification dtd.14.9.2006, the clearance in this respect shall be obtained and all the conditions mentioned therein shall be complied with.

13. The approval of High Rise Committee is for the proposed high rise building having total height of **223.40 mt.** from general ground level up to terrace level, subject to obtaining sanction from Competent Authority as per various provisions of D.C.P.R.2034 amended up to date, such as deficiency in open spaces, CFO requirement, parking requirement, Civil Aviation NOC, if any, etc.

14. The conditions as stated in the NOC from C.F.O. No.FBM/507/196 dtd.29.10.2007, FBM/508/425 dtd.5.1.2009, FB/HRC/CITY/39 dtd.22.4.2010, FB/HR/CITY/343 dtd.18.11.2011, FB/HR/CITY/119 dtd.25.5.2012, FB/HR/CITY/473 dtd.19.1.2013 and U/No.FB/HRC/R-II/22 dtd.27.10.2016 shall be complied with. If the plans cleared by

Committee, differ from the plans of CFO NOC, revised CFO NOC shall be submitted to the concerned Zonal Building Proposal Office.

15. That the NOC from Civil Aviation Authority for the height of the building under reference shall be obtained, if applicable, and all the conditions thereof shall be complied with.

16. The acceptance of proposal by High Rise Committee is not indicative of admissibility/approval of the proposal regarding D.C.P. Regulations 2034 other statutory compliances & the necessary building proposal shall be submitted to concerned Ex.Eng.(Bldg.Proposal) for requisite approval. The aspect such as permissible FSI applicable DC.Rules & policies in force shall be verified by the concerned Executive Engineer (Building Proposal) before approval of plans.

17. The Technical Committee for High Rise Buildings, however, reserves right to alter/ modify/ augment fire safety related provisions as well as disaster management related provisions, on the basis of decision to be taken in the upcoming meetings.

18. That the permission is granted based on the documents submitted by the Architect and if at any time are found fake/ fraudulent, then the permission issued shall be treated as revoked/ cancelled without further notice.

19. After the clearance given by HRC for a proposed building, not further changes of any kind shall be effected without permission of the HRC (Technical Committee for High Rise Buildings). If any changes made in the proposal without obtaining clearance from HRC, earlier clearance given by the HRC shall be treated as revoked/ invalid.

20. That the aspect regarding approval/ final NOC to the 33(24) component, if any, and its respective permission shall be scrutinized by Dy.Ch.Eng.(B.P.) as per the prevailing policy and the sanction from respective HPC shall be obtained.

21. The necessary other permissions from various other Departments/ Committees/ Authorities shall be obtained as per requirements.

Recommendatory Condition

1. At the time of site clearance, care must be taken to minimize the need for cutting of trees and damage to the native vegetation.

2. Clearing of site area may involve removal/ transplantation of trees, underbrush, vines, fences, shades etc. All the unwanted vegetation then becomes solid waste that needs to be disposed off site. As this is organic matter, instead of disposing it offsite, the mater should be composed on site.

3. Phase out the site clearing process to only areas that need excavation initially this will reduce the dust emission from currently unused areas. If site has been cleared, vegetate the area by growing temporary groundcover plants or flower beds in the area. Alternatively cover the ground with a sheet, this sheet can be made out of empty cement bags, and the area then used to store materials, this will help reduce the dust emissions from these areas and provide a clean surface to store material on.

4. To reduce dust emissions and erosions from slopes on the site, apply non toxic chemical soil stabilizers (Geotextiles) to the area.

5. The short term traffic management plan should be worked out to prevent unnecessary traffic problems. One measure to be incorporated is to avoid trucks during the morning and evening rush hours i.e. before 10.00 a.m. and after 5.00 p.m.

6. In cases where the construction of paved access or Water bound macadam road is not possible, frequent water sprinkling required to reduce local dust emissions.

7. Traffic speeds on unpaved roads should be reduced to 15 Km.ph. or less, and all the vehicles should have reverse horns.

8. On windy days avoid excavation activities to reduce dust emissions.

9. Prevent the excavated soil from spilling out of the site boundaries onto adjoining roads and properties.

10. Prevent other garbage waste such as construction debris, plastic material from mixing with the excavated soil that is being transported out of the site for dumping off site. This soil will be used for land filling and mixing of garbage with it can lead to soil contamination.

11. Water the site at least twice a day to reduce the dust emissions. Once during mid morning and once in the evening.

12. Soil stockpiled for more than two days shall be covered, kept moist or treated with soil binders to prevent dust generation. (A good cover sheet can be formed by stitching empty cement bags silt open to form a sheet).

13. Since, there is likelihood of fugitive dust form the construction activity, material handling and from the truck movement in the vicinity of the project site, project proponents should go for tree plantation programme along the approach roads and the construction campus.

14. Re-vegetate disturbed areas as early as possible.

15. As soon as construction is over, the surplus earth should be utilized to fill up low lying areas. The rubbish should be cleared and all un built surfaces reinstated.

16. Construct appropriate temporary housing structures for the labourers on the site with due approval from the competent authority. Houses should be provided with proper light and ventilation, and should be located at a safe location on the site.

17. Provisions should be made for providing them with potable, drinking water.

18. The construction site should be provided with sufficient and suitable toilet facilities for workers to allow proper standards of hygiene. These facilities would be connected to septic tank and maintained properly to ensure minimum environmental affect. Care should be taken not to route the sanitary effluents to the river or any other natural water body.

19. To prevent unauthorized falling of trees in the nearby undeveloped areas by construction workers for their fuel needs, it should be ensured that the contractor provides fuel to the construction workers.

20. Arrangements should be made for daycare and education to construction workers children. Certain NGO's working in this area can be associated

with or alternatively one female worker can be paid to oversee the younger children and to prevent them from coming in harms way.

21. Solid waste generated from the labour camp as well as the construction site should be disposed off properly. Organic waste can be composted, and inorganic waste should be disposed in nearest municipal bins.

22. To sweep and clean adjacent roads of the site that get soiled due to the frequent movement of trucks to and fro from the site, at least once a day.

23. All outdoor lighting, including any construction related lighting should be designed, installed and operated in a manner that ensures that all direct rays from project lighting are contained within construction site and that residences are protected from spillover light and glare.

24. Parking for construction site workers should be provided on site to prevent clogging of surrounding roads.

25. Tea stalls if established for the site should be given space on site and not on access roads. This will prevent the gathering of labourers on the roads and obstruction of traffic.

26. Rotary piling method can be adopted for construction of bored cast in site/ bored pre-cast piles. Preferably, M.S. liner can be provided upto hard stratum.

27. Preferable minimum grade concrete in sub structure foundation can be M-40 grade and use of anti corrosive treatment can be considered for M.S. reinforcements.

28. Ground Water in Mumbai is likely to be saline and further there is a possibility of sewage contamination in well water, as such, municipal water be used for construction.

29. Withdrawal of ground water should be restricted as it may cause sudden draw-down and subsidence of surrounding land/buildings.

30. The electric meters and substation in the buildings be located on higher level to prevent power failure during floods.

31. The earlier HRC NOCs issued vide letter U/No.CHE/HRB-226/DPWS dtd.8.3.2013 & U/No.CHE/HRB-678/DPWS dtd.8.3.2017 are treated as cancelled.

If your client is agreeable to the aforesaid terms and conditions, you may approach to the DY.CH.ENG.(B.P.)CITY, who is being informed separately regarding subject matter.

Yours faithfully,

03/07/19

(R.B.Zope)
Chief Engineer
(Development Plan)

Acc:- A Set of Plan

Annexure V

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

AAI/20012//**447**/2006 -ARI (NOC)

Dt. 11th Oct., 2013

To
M/s. K. Raheja Private Ltd.,
Plot No. C-30, Block 'G',
Next to Bank of Baroda,
Bandra Kurla Complex,
Bandra (East),
Mumbai – 400 051.

Subject: Revalidation of NOC – Case No. MUM/317-K.

Sir,

Please refer to letter No. NIL dated 23rd July, 2013 through your authorized representative and letter dated 3rd September, 2013 from M/s. K. Raheja Private Limited on the above mentioned subject for revalidation of the NOC issued by this office.

The NOC issued by this office vide letter of even number dated 22nd August, 2008 for construction of residential building by M/s. K. Raheja Pvt. Ltd. at Mumbai is hereby extended for another three years, i.e., **upto 21st August, 2016** under same terms and conditions as mentioned in the NOC.

This issues with the approval of the Competent Authority.

Yours faithfully,

(Jeet Prakash)
ASST. GENERAL MANAGER (ATC-NOC)
for GENERAL MANAGER (ATM-NOC)

Copy to
1. The Regional Executive Director, Western Region, Airports Authority of India, CSI Airport, Mumbai – 99.
2. Mumbai International Airport Ltd. (MIAL), CSI Airport, 1st Floor, Terminal 1B, Santacurz (E), Mumbai – 400 099
3. Guard File.
4. GM NOC Bundle.

FORM FOR FILING ANNUAL RETURNS

[To be submitted by producer/manufacturer/refurbisher/dismantler/recycler/bulk consumer by 30th day of June following the financial year to which that return relates]

Submitted For
April 2021-March 2022

Apply As
Bulk Consumer

1. Name of the Bulk Consumer
M/s K Raheja Pvt. Ltd.

Address of the Bulk Consumer /recycler
CS No 2/1629&1A/1629 Of Lower Parel div, Plot No. 249&249A,248B of Worli estate Sch. No 52, Mumbai

2. Name of the authorised person
Mr. Vaibhav Samarth

Full address of authorised person
CS No 2/1629&1A/1629 Of Lower Parel div, Plot No. 249&249A,248B of Worli estate Sch. No 52, Mumbai

Telephone
09167779454

Email
vsamarth@kraheja.com

Fax
02226564560

3. BULK CONSUMERS:

Type
NA

Quantity(MT)
0

4. Name of the destination where E-waste is channelized
Not Applicable

Address of the destination where E-waste is channelized
Not Applicable

Place
Mumbai

Date
Jun 9, 2022

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.**

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Maharashtra Pollution Control Board

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 sitting 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.

Maharashtra Pollution Control Board

Schedule-III
Details of Bank Guarantees

Project Proponent shall extend the Bank Guarantee as below:

Sr. No.	Consent (Renewal Of C to O)	Amt of BG Imposed	Submission Period**	Purpose of BG #	Compliance Period	Validity
1	Consent to establish for expansion and amalgamation with existing Consent to Establish.	Rs. 25 Lakh*	Extend existing BG of Rs. 25 Lakh	Towards compliance of EC and C to E Condition.	COU or 28.2.2022 whichever is earlier	Validity of 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

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

Maharashtra Pollution Control Board

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 (2000 KVA)	Acoustic Enclosure	10.0*	Diesel	505 Ltr/Hr
02.	DG set (500 KVA)	Acoustic Enclosure	10.0*	Diesel	125 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).

Maharashtra Pollution Control Board

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) **A] As per your application, you have proposed to provide provided 2 Nos of Sewage Treatment Plants (STP) of capacity 125 CMD for residential building and 10 CMD for car parking.**

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.**

B] The Applicant shall operate the Sewage Treatment Plant (STP) to treat the sewage so as to achieve the following standards/ prescribed 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	pH	6.5 to 9
02	BOD (3 days 27°C)	20
03	Total Suspended Solids(TSS)	50
04	COD	100
05	Residual Chlorine	1 ppm
06	Detergent	2
07	Fecal Coliform(FC)	<1000

3) 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 within 6 months period and PP shall install online monitoring system for parameters BOD, TSS; flow at the outlet of STP and shall be connected to MPCB Server.**

4) 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.

5) 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.

6) **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.**

1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00
2.	Domestic purpose	113
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

Maharashtra Pollution Control Board

15. PP shall not dispose off any construction debris to the Deonar and Mulund Dumping sites.

16. This consent is issued without prejudice to the order passed or being passed by the Hon'ble Supreme Court of India in special leave petition (Civil No. D23708/2017).

17. PP shall comply conditions stipulated in Environmental clearance issued by GoM Environment Clearance accorded by Env. Dept, GoM vide No.SEAC-2010/C.R.323/TC.2 dated 22.7.2011 and amendment in Environment Clearance accorded by Env. Dept, GoM vide No.SEAC-2010/C.R.323/TC.2 dated 11.6.2014 and Amendment in Environment Clearance accorded by Env. Dept, GoM vide No.SEAC-2016/C.R.424/TC.I dated 12.5.2017 .

18. **This consent is issued with overriding effect to existing amendment and revalidation Consent to Establish issued by Board vide No. 3. in Consent to Establish vide no.BO/CAC-Cell/CE(Revalid)/CAC-1702000695 dated 14.2.2017**

For and on behalf of the
Maharashtra Pollution Control Board

(Dr. P. Anbalagan, IAS)
Member Secretary

Received Consent fee of –

1	TXN1706001098	HDFC Bank	9,11,900/-	14.06.2017

Copy to:

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

Maharashtra Pollution Control Board

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	97	As per Schedule –I	The treated domestic effluent shall be 60% recycled for secondary purposes and remaining shall be utilized on land for gardening.

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 (2000 KVA)	1	As Per Schedule -II
2	DG set (500 KVA)	1	As Per Schedule -II

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

Sr. no.	Type Of Waste	Quantity	Treatment	Disposal
1	Biodegradable	240 Kg/Day	OWC	Used as Manure
2	Non-Biodegradable	160 Kg/day	---	Segregate and Hand over to Local Body for recycling

7. **Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for treatment and disposal of hazardous waste**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
			NIL		

8. The 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 authorities.
10. PP shall submit an undertaking in prescribed format regarding compliance of conditions of EC and Consent to Establish condition.
11. PP shall submit an undertaking regarding the area for which expansion of Consent to Etablish application is made is included in Environment Clearance.
12. PP shall install online monitoring system for parameters BOD, TSS, flow at the outlet of STP and shall be connected to MPCB Server.
13. PP shall install organic waste digester along with composting facility/biodigester (biogas) with composting facility to treat the biodegradable MSW.
14. **PP has submitted Approval letter from the MCGM vide No. EX.ENG/SWM/000360/2018/G/S/CTY -dated 23.5.2018 for construction and demolition waste management plan for the said site in respect of order passed or being passed by the Hon'ble Supreme Court of India in special leave petition (Civil No. D23708/2017) dated 15.3.2018.**

Maharashtra Pollution Control Board

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/UAN No. 0000028220/CE (Exp) &Amalgamation/CAC- 1808000657
Date- 16/08/2018

To,
M/s. K. Raheja Pvt. Ltd.
CS no. 2/1629 & 1A/1629 of
Lower Parel division, Plot no. 249 &
249A, 248 B of Worli estate scheme no. 52
Lower Parel, Worli Mumbai.

Subject: Consent to establish for expansion and amalgamation with existing Consent to establish in RED Category.

Ref : : 1. Environmental Clearance accorded by Env.Dept, GoM vide No.SEAC-2010/C.R.323/TC.2 dated 22.7.2011 and amendment in Environment Clearance accorded by Env. Dept, GoM vide No.SEAC-2010/C.R.323/TC.2 dated 11.6.2014.
2. Consent to Establish vide no.BO/RO(HQ) /CO/CAC-323 dated 28.2.2012.
3. Amendment and Revalidation in Consent to Establish vide no.BO/CAC-Cell/CE(Revalid)/CAC-1702000695 dated 14.2.2017.
4. Amendment in Environmental Clearance accorded by Env.Dept, GoM vide No.SEAC-2016/C.R.424/TC.I dated 12.5.2017 .
5. Minutes of Consent Appraisal Committee (CAC) meeting held on **27.3.2018**

Your application No . 0000028220 **Dated** 9.6.2017

For: Consent to establish for expansion and amalgamation with existing 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 under Rule 6 of the Hazardous and Other Wastes (Management and 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. The Consent to establish for expansion and amalgamation with existing Consent to establish is granted for a period upto commissioning of the project or upto 28.2.2022 whichever is earlier.

2. The capital investment of the project for expansion is Rs. 455.95 Crs and existing C to E of earlier issued Consent to Establish by Board dated 14.2.2017 is 750.17 Cr(As per undertaking submitted by project proponent).

3. The Consent to Establish for expansion (for residential and car parking) Sq. mtrs. and amalgamation with existing consent to establish for project named as **M/s. K. Raheja Pvt. Ltd. CS no. 2/1629 & 1A/1629 of Lower Parel div. plot no. 249 & 249A, 248 B of Worli estate scheme no. 52 Lower Parel, Worli,Mumbai for Total plot area 20,117.27 sq. mtrs and total construction BUA area 1,59,739.22 sq.mtrs (ie.** additional BUA- 29,920.52 : C to E for expansion + 1,29,81.90 Sq.Mtrs : as per existing C to E dated 14.2.2017) **as per Environmental Clearance dated 12.5.2017** including utilities and services.

Maharashtra Pollution Control Board

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 sitting 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

Schedule-III
Details of Bank Guarantees

PP shall extend the BG as below:

Sr. No.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period**	Purpose of BG #	Compliance Period	Validity++
1	Consent to Establish	Rs. 25 lakh	15 days from date of issue of consent	Towards compliance of EC and Consent to Establish condition	COU or 5 years whichever is earlier	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

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

Maharashtra Pollution Control Board

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 and UOM	S%
1	DG Set (2x1010 KVA),	Acoustic enclosure	6.3* each	HSD	@ 0.21 liters/hr/KVA at full load.	1
2	D.G. Set (1 x 200 KVA)	Acoustic enclosure	2.8*			

*** 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).

Maharashtra Pollution Control Board

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

1) **A] As per your application, you have proposed to install Sewage Treatment Plants (STPs) of total capacity 100 CMD based on MBBR Technology.**

   B] The Applicant shall operate the effluent treatment plant (STP) to treat the sewage so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr No.	Parameters	Standards prescribed by Board
		Limiting Concentration in mg/l, except for pH
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% recycled for secondary purposes such as toilet flushing, air conditioning, cooling tower make up, firefighting etc. and remaining shall be used 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.

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	--
2.	Domestic purpose	100
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

Maharashtra Pollution Control Board

				remaining shall be used on land for gardening and 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 (2x1010 KVA), (1 x 200 KVA)	3	As Per Schedule –II

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

Sr. No.	Type Of Waste	Quantity	Treatment	Disposal
1	Wet Garbage	135 Kg/day	Organic Waste Convertor (OWC)	use as manure
2	Dry Garbage	84 kg/day	-	Hand over to local body or sale for recycle
3	STP sludge	As actual kg/day	-	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 in T/A	Nil	Through authorized recyclers

8. **Conditions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for treatment and disposal of hazardous waste**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1	Nil	--	--	--	--

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. **Applicant shall submit an affidavit in prescribed format regarding compliance of conditions of EC and Consent to Establish.**
12. **Consent to establish is being issued without prejudice to the orders passed/ being passed by the Hon'ble High Court.**
13. **MCGM shall comply with the order passed and being passed in PIL No. 217 of 2009 by the Hon'ble High Court, Mumbai.**
14. **The applicant shall comply with the conditions stipulated in Environmental Clearance granted by Environment Department, GoM vide no. No. SEAC-2010/CR-323/TC.2 dated 22.07.2011, and EC amendment granted vide SEAC-2010/CR-323/TC.2 dated11.06.2014.**
15. **This is issued as per the Office Order issued by Environment Department, GoM vide no. 2017/P.K.26/Establishment dated 23.01.2017.**

For and on behalf of the
Maharashtra Pollution Control Board

(P.K. Mirashe)
Assistant Secretary (Technical)

Received Consent fee of –

Sr. No.	Dr.No.	Bank Name	Transaction Type	Amount	Received date
1	0171773	Axis bank	RTGS	15,00,400/-	30.08.2016

Copy to:

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

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: - BO/CAC-cell/CE(Reval)/CAC- 1702000695
Date- 14/02/2017

To,
M/s. K. Raheja Private Ltd.,
CS No. 2/1629 Lower Parel Division, Plot No 249 & 249A Worli, Mumbai

Subject: Amendment and Revalidation in consent to establish for Construction of Residential building and Multi Storied Public Parking Lot building project under ORANGE category.

Ref :

1) Environmental Clearance granted by Environment Department, GoM vide no. No. SEAC-2010/CR-323/TC.2 dated 22.07.2011, and EC amendment granted vide SEAC-2010/CR-323/TC.2 dated 11.06.2014.
2) Consent to Establish granted by Board vide no BO/RO(HQ)/CO/CAC-323 dated 28.02.2012
3) Your Application approved in 5th CAC meeting of 2016-17 (2nd sitting) held on 08.12.2016

Your application MPCB-CONSENT-0000011646
Dated: 11.08.2016
For: Amendment and Revalidation in consent to establish for Construction of Residential building and Multi Storied Public Parking Lot 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 6 of the Hazardous and Other Wastes (Management and 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. **The Amendment and Revalidation in Consent to Establish is granted for a period up to: commissioning of the project or upto 28.02.2022 whichever is earlier.**

2. **The proposed capital investment of the project is Rs. 750.17 crs (As per documents submitted by applicant).**

3. **The Amendment and Revalidation in consent to establish is valid for Construction of Residential building and MultiStoried Public Parking Lot building project of M/s. K. Raheja Private Ltd., CS No. 2/1629 Lower Parel Division, Plot No 249 & 249A Worli, Mumbai on Total Plot area of 14,638.91 sq.m. and total Construction BUAof 1,29,818.90 sq.m. as per amended EC dtd. 11.06.2014, 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	Nil	NA	N.A.
2.	Domestic effluent	85.5	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

Maharashtra Pollution Control Board

per the provisions of fly ash Notification of 14.09.1999 and as amended on 27.08.2003.

8. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before commissioning of the project.

9. The applicant shall adopt environment friendly technology in development of the project.

10. The applicant shall comply with the conditions stipulated in the Environmental Clearance granted by Env. Dept. Govt. Of Maharashtra, vide No.SEAC-2010/CR.323/TC.2 dt. 22/07/2011.

11. The applicant shall take the proper remediation measures to ensure that the ground water and soil contamination is prevented and follow due diligence at the construction stage.

12. Energy conservation measures like installation of solar panels for lighting the area outside the building should be integrated part of the project design.

13. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.

14. This consent shall not be construed as exemption from obtaining necessary NOC from any other Government agencies as may deemed fit necessary.

15. The applicant shall submit a Bank Guarantee of Rs.10,00,000/- (Rupees ten lacs only) within 15 days for compliance of the consent conditions.

16. This is issued with the approval of Consent Appraisal Committee of the Board in its meeting held on 14th February 2012

17. The Capital investment of the industry is Rs. 56500 Lacs.

(Milind Mhaiskar, IAS)
Member Secretary

To,
M/s. K. Raheja Pvt. Ltd.
C.S. No. 2/1629, Plot No. 249 & 249A of Worli Scheme No. 52.
Lower Parel Division, G/S Ward,
Worli, Mumbai

Copy to:
a. RO- Mumbai /SRO-Mumbai-I
b. CAO/Cess Branch/Master File

Received Consent fee of –

Sr. No.	Amount(Rs.)	DD. No.,	Date	Drawn On
1	1130100	090381	21 Oct 2011	Axis Bank

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.

4. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
5. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
6. 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.
7. D.G. Set shall be operated only in case of power failure.
8. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

(vi) Other Condition

a) 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.

b) Water spraying shall be done on ground to avoid fugitive emissions.

c) Construction material shall be carried in enclosed vehicles during constriction activities.

(vii) Conditions for Utilities like Kitchen, Eating Places etc:

1. The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.
2. The toilet shall be provided with exhaust system connected to chimney through ducting.
3. The air conditioner shall be vibration proof and the noise shall not exceed 68 dB (A).
4. 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 way that no nuisance is caused to neighbors.

(viii) The Applicant shall take adequate measures for control of noise levels from its own sources within the complex (residential cum Commercial) in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Daytime is reckoned as between 6 a.m. to 10 p.m. and Nighttime is reckoned between 10 p.m. to 6 a.m.

(ix) Construction equipments generating noise of less than 65/90 db(A) are permitted.

(x) No construction work is permitted during night time.

6. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008:

(i) The Industry shall not generate any hazardous waste.

7. The applicant shall certify that the bricks used in construction are manufactured using the ash from Thermal Power stations if it is within a radius of 100 km. from Thermal Power Plant and submit the names of bricks manufacturer. The applicant shall use fly ash based material/products as

5. CONDITIONS UNDER AIR (Prevention & Control of Pollution) ACT, 1981:

(i) The Applicant may install 3 nos. of diesel generating sets (DG Sets), of capacity 1010 x 2 KVA, 200 KVA, and shall be equipped with comprehensive control system as is warranted with reference to generations of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

a. for Emissions of Air Pollutants:

(i) SPM/TPM	Not to exceed	150 mg/Nm3
(ii) SO2 (DG Set)	Not to exceed	2.0 Kg/day

(ii) The following measures shall be taken:

a. Adequate mitigation measures shall be taken to control emissions of SO2, NOx, SPM, and RSPM.

b. Applicant shall achieve following Ambient Air Quality standards.

1.	SPM Not to Exceed (Annual Average)	140	µg/ m3
	Not to Exceed (24 hours)	200	µg/ m3
2.	SO2 Not to Exceed (Annual Average)	60	µg/ m3
	Not to Exceed (24 hours)	80	µg/ m3
3.	NOx Not to Exceed (Annual Average)	60	µg/ m3
	Not to Exceed (24 hours)	80	µg/ m3
4.	RSPM Not to Exceed (Annual Average)	60	µg/ m3
	Not to Exceed (24 hours)	100	µg/ m3

(iii) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	HSD	205	Ltrs./day

(iv) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1	D.G. Set	2.2

(v) Conditions for D.G. Set

1. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
2. 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.
3. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during the night

8. The Applicant shall prepare management plan for water harvesting, roof-water reclamation, water/storm water conservation and implement the same before handling over of complex for occupation.
9. Applicant shall provide 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.
10. The Applicant shall draw plans for the segregation of solid wastes into biodegradable and non-biodegradable components. The biodegradable material shall be recycled through scientific in-house composting (i.e vermi-composting facility within premises) with the approval of local body. The proper demarked area shall be identified for collection & storage of MSW properly which, shall be finally disposed off at approved Municipal Solid Waste landfill site of local body environmentally acceptable location and method. It is clarified that the term solid waste includes domestic, commercial, and garden wastes, but does not include hazardous and bio-medical wastes. The activities of bio-composting and engineered landfill shall be as per the Municipal Solid Waste (M&H) Rules, 2000
11. Applicant shall be responsible to take adequate precautionary measures as detailed in this consent.
12. The applicant/generator shall be responsible for safe and scientific collection, transportation, treatment and disposal of Bio-Medical Waste as per the provisions made under the Bio-Medical Waste (Management & Handling) Rules, 1998. Any activity as defined under BMW (M & H) Rules has to obtain a separate Authorization from Maharashtra Pollution Control Board.
13. For disinfections of waste water ultra violet radiation shall be used in place of chlorination.
14. Vehicles hired for construction activities should be operated only during non peak hours.
15. Ready mixed concrete used in building construction should apply separately for consent from the Board.
16. applicant, during the construction stage shall provide
    a. Septic tank and soak pit of adequate capacity for the domestic effluent generated due to workers residing at site.
    b. Proper loading and unloading of construction material, excavated material and its proper disposal as per MSW (M&H) Rules 2000.
    c. Cutting of trees is not permitted, however in unavoidable conditions necessary permission from the local body shall be obtained.
    d. Green belt of 33% of the open space shall be developed.
17. E-Waste shall be disposed to authorized re processor.

4. **The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under**

The daily water consumption for the following categories is as under:

(i) Domestic	...	120.50 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	...	0.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.00 CMD
(iv) Industrial Cooling, spraying	...	0.00 CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

(iii) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

1	pH	Not to exceed	6.5 to 9.0
3	Suspended Solids	Not to exceed	100 mg/l.
4	BOD 3 Days 27 degree C	Not to exceed	100 mg/l.
5	Fecal Coliform	Not to exceed	500/100/1 mg/l.
6	Residual Chlorine	Not to exceed	01 mg/l.
7	Detergent	Not to exceed	01 mg/l.
8	Floating matters	Not to exceed	10 mg/l

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be 80% recycled and reused for flushing, fire fighting and cooling of Air conditioners etc. In no case, effluent shall find its way to any water body directly/indirectly at any time.

Project proponent shall operate STP for five years from the date of obtaining Occupation Certificate.

(vii) **Non-Hazardous Solid Wastes:**

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
1 2	Municipal Solid Wast Non Biodegradable	229.5	Kg/Day	Segregation	Local Body
3	STP sludge	--	Kg/M	--	used as manure

(viii) **Other Conditions (during Construction Phase):**

1. All activities shall be in resonance with the provisions of Indian Forest Act, 1927 (16 of 1927), Forest (Conservation) Act, 1980 (69 of 1980) and Wildlife (Protection) Act, 1972 (53 of 1972), and special notification published for area wherever applicable and all the Environmental Statutes and Instruments.
2. This Consent to Establish is issued only for New Construction/Developing Construction Project purposes.
3. No quarrying activities shall be commenced in the area unless appropriate permissions are obtained for a limited quarrying material required for construction of local residential housing and traditional road maintenance work, provided that such quarrying is not done on Forest Lands and the material is not exported to the outside area.
4. There shall be no felling of trees whether on Forest, Government, Revenue or Private lands except as per prevailing Rules.
5. Extraction of Groundwater for the project shall require prior permission of the State Ground Water Authority or other relevant authorities, as applicable.
6. Near the activities that are related to water (like activity of water parks, water sports) and/or in the vicinity of lake, Dissolved Oxygen shall not be less than 5 mg/liter.
7. In order to ensure that the water from this project do not enter into outside environment, the nallas crossing the township/complex premises, shall be lined, covered and made water tight by the applicant within the premises with intermittent inspection of chambers following good engineering practices as per the regulations of local body.

ANNEXURE VIII B

MAHARASHATRA POLLUTION CONTROL BOARD

Phone : 022 -22640345
Fax : 022-22640345
Email : sromumbai1@mpcb.gov.in
Visit At : http://mpcb.gov.in

Shri Chatrapati Shivaji Maharaj Municipal Market Building 4th floor, Mata Ramabai Ambedkar Road Mumbai - 400 001

EIC No. MU-3025/11
Infrastructure/Orange/L.S.I

Consent No. BO/RO(HQ)/CO/CAC-323 *Date:28/Feb/2012*

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 5 of the Hazardous Wastes (Management, Handling & Transboundry Movement) Rules 2008

CONSENT is hereby granted to

M/s. K. Raheja Pvt. Ltd.
C.S. No. 2/1629, Plot No. 249 &
249A of Worli Scheme No. 52,
Lower Parel Division, G/S Ward,
Worli, Mumbai

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. **The Consent to Establish** is valid up to Commissioning of the Project or 5 years whichever is earlier.

For development of land/plot as new construction activities for construction of project on **total plot area of 14,638.91 Sq mtrs and total Built up area as per FSI 29,435.93 Sq mtrs, total construction area of 1,20,129.17 Sq mtrs** including utilities and services such as per construction commencement certificate issued by local body.

2. **The Consent is valid –**

Sr. No.	Product Name	Built Up area	Total Construction area	UOM
1	Residential Building	29,435.93	86839.67	Sq. mtrs.
2	MCGM Car Parking	---	33,289.50	Sq. mtrs.
	Total		1,20,129.17	Sq. mtrs.

3. **CONDITIONS UNDER WATER ACT:**

(i) The daily quantity of trade effluent from the factory shall be Nil.
(ii) The daily quantity of sewage effluent from the factory shall not exceed **88.20 M³.**

6. **CONDITIONS UNDER HW (M & H) & AMENDMENT RULES 2003**

The Applicant shall not generate or handle any hazardous waste.

7. ~~The proposed activity comes under Entry 31 (New Construction Project) listed in schedule I of the EIA Notification~~ dated January 27, 1994 (as amended till date) issued by Ministry of Environment & Forest, Govt. of India, New Delhi and therefore, Environmental Clearance from Govt. of India (MoEF) shall be required as per conditions in the amended EIA Notification dated July 07, 2004.

8. The applicant shall certify that the bricks used in construction are manufactured using the ash from Thermal Power stations if it is within a radius of 100 km. from Thermal Power Plant and submit the names of bricks manufacturer.

9. **This "Consent to Establish" is issued subject to the planning permission and permission for non-agricultural (N.A.) use from the Competent Authority.**

10. **The applicant shall obtain Environmental Clearance from MoEF, GOI before taking any steps to develop/ start construction the site.**

11. **The applicant shall not-handover the residential complex unless obtain Consent to Operate/NOC from Maharashtra Pollution Control Board and compliance of Environment Clearance granted by MoEF Government of India.**

12. **The applicant shall take the proper remediation measures to ensure that the ground water and soil contamination is prevented and follow due diligence at the construction stage.**

13. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant;

14. This consent is issued with the post facto approval of the consent appraisal committee.

K Raheja Corp.

For and on behalf of the
Maharashtra Pollution Control Board

(Dr. D.B. Boralkar)
Member Secretary

Maharashtra Pollution Control Board Mumbai

To
M/s. K. Raheja Pvt. Ltd.,
"Metal Box", CTS No. 2/1629 of Lower Parel Division,
Plot No. 249, 249A of Worli Scheme No.52G/South Ward,
Mumbai.

Copy forwarded with compliments to
1. The Collector, Mumbai (City).

Copy to
1. Regional Officer, MPCB, Mumbai.
2. Sub Regional Officer, MPCB, Mumbai-I.
3. Chief Accounts Officer, MPCB, Mumbai

Received consent fee of

Amount	DD No.	Date	Drawn on
Rs. 1,01,690/-	096039	14.07.2006	UTI Bank

4. Cess Branch, MPCB, Mumbai.
5. Master file.
6. EIC, M.P.C.Board, Mumbai.

5. CONDITIONS UNDER AIR ACT :-

The Applicant may install ------ numbers of diesel generating sets (DG Sets), of capacity ------, and shall be equipped with comprehensive control system as is warranted with reference to generations of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:-

(i) **Standards for emissions of air Pollutants**

i)	SPM/TPM	Not to Exceed	150	mg/Nm3
ii)	SO2	Not to Exceed	50	PPM
iii)	NOx	Not to Exceed	60	PPM
iv)	SO2 (D.G.Set)	Not to Exceed	48	Kg/8 Hrs.

(ii) **The Applicant shall observe the following fuel patterns**

No.	Type of Fuel	Quantity
1	---	-----

(iii) **The Applicant shall erect the Chimney (s) of the following specifications**

No.	Chimney attached to	Height above roof level
1.	---	----

a) The Applicant shall provide ports in the chimney 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 chimneys shall be numbered as S-1, S-2 etc and these shall be painted/ displayed to facilitate identification.
b) Water spraying shall be done on ground to avoid fugitive emissions.
c) Construction material shall be carried in enclosed vehicles during constriction activities.

(iv) **Conditions for DG Sets :-**

1. Noise from DG Sets shall be controlled by providing acoustic enclosure or by treating the room acoustically.
2. Applicant should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room shall 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 shall be done at different points at 0.5 meters from acoustic enclosure/ room and then average.
3. The Applicant should make efforts to bring down noise level due to DG Set, outside the premises, with ambient noise level requirements by proper setting and control measures.
4. Installation of DG Set must be strictly in compliance with recommendations of DG set manufacturer;
5. A proper routine and preventive maintenance procedure for DG Set shall be set and followed in consultation with the DG manufacturers, which would help to prevent noise levels of DG Sets from deteriorating with use.
6. The DG set shall be operated only in case of power failure. The applicant shall make arrangement for regular electrical power.
7. The Applicant shall not cause any nuisance in the surrounding area due to operation of DG sets.
8. In case of problems, the D.G. set shall not be operated until it is set back to satisfactory position.

(v) **Conditions For Utilities like Kitchen, Eating Places etc., :-**

1. The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting
2. The toilet shall be provided with exhaust system connected to chimney through ducting.
3. The air conditioner shall be vibration proof and the noise shall not exceed 68 dB (A).
4. 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 way that no nuisance is caused to neighbors.

(i) The Applicant shall take adequate measures for control of noise levels from its own sources within the complex (residential cum Commercial) 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 as between 6 a.m. to 10 p.m. and night time is reckoned between 10 p.m. to 6 a.m.
(ii) Construction equipments generating noise of less than 65/90 db(A) are permitted.
(iii) No construction work is permitted during night time.

Maharashtra Pollution Control Board Mumbai

3. Other Conditions:-

1. All activities shall be in resonance with the provisions of Indian Forest Act, 1927 (16 of 1927), Forest (Conservation) Act, 1980 (69 of 1980) and Wildlife (Protection) Act, 1972 (53 of 1972), CRZ notification, and special notifications published for Dahanu, Murud Jangira, Matheran and Mahableshwar area wherever applicable and all the Environmental Statutes and Instruments.
2. This Consent to Establish is issued only for Developing Construction Project purposes.
3. No quarrying activities shall be commenced in the area unless appropriate permissions are obtained for a limited quarrying material required for construction of local residential housing and traditional road maintenance work, provided that such quarrying is not done on Forest Lands and the material is not exported to the outside area.
4. There shall be no felling of trees whether on Forest, Government, Revenue or Private lands except as per prevailing Rules.
5. Extraction of Groundwater for the residential complex shall require prior permission of the State Ground Water Authority or other relevant authorities , as applicable;
6. Near the activities that are related to water (like activity of water parks, water sports) and/or in the vicinity of lake, Dissolved Oxygen shall not be less than 5 mg/liter.
7. In order to ensure that the water from this residential complex do not enter into outside environment, the nallas crossing the township/complex premises, shall be lined, covered and made water tight by the applicant within the premises with intermittent inspection of chambers following good engineering practices as per the regulations of local body. This management shall be such as also to help in excluding the external pollutants degrading the internal environment of residential complex.
8. The Applicant shall prepare management plan for water harvesting, roof-water reclamation, water/storm water conservation and implement the same before handling over of complex for occupation.
9. The Applicant shall draw plans for the segregation of solid wastes into biodegradable and non-biodegradable components. The biodegradable material shall be recycled through scientific in-house composting with the approval of local body and the inorganic material shall be disposed off at approved Municipal Solid Waste landfill site of local body environmentally acceptable location and method. It is clarified that the term solid waste includes domestic, commercial, and garden wastes, but does not include hazardous and bio-medical wastes. The activities of bio-composting and engineered land fill shall be as per the Municipal Solid Waste (M&H) Rules, 2000
10. Applicant shall be responsible to take adequate precautionary measures as detailed in this consent
11. The applicant/generator shall be responsible for safe and scientific collection, transportation, treatment and disposal of Bio-Medical Waste as per the provisions made under the Bio-Medical Waste (Management & Handling) Rules, 1998. Any activity as defined under BMW (M & H) Rules has to obtain a separate Authorization from Maharashtra Pollution Control Board.
12. The applicant, during the construction stage shall provide.

i) Septic tank and soak pit of adequate capacity for the domestic effluent generated due to workers residing at site.
j) Proper loading and unloading of construction material, excavated material and its proper disposal as per MSW (M&H) Rules 2000.
k) Cutting of trees is not permitted, however in unavoidable conditions necessary permission from the local body shall be obtained.
l) Green belt of 33% of the open space shall be developed excluding lawns.

4. The Applicant shall comply with all the provisions of, the Water (Prevention and Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and Rules as Amended ,2003 and Rules there under :-
The daily water consumption for the following categories shall not exceed, as under

(i) **Domestic**	**From ULB (In CMD)**	**From other sources (In CMD)**
a) During construction stage	------	70
b) After completion	156	------
c) For Fire Fighting (make up water)	------	------

The Applicant shall regularly submit to the Board, the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

Maharashtra Pollution Control Board Mumbai

ANNEXURE VIII A

MAHARASHTRA POLLUTION CONTROL BOARD

☎: 24010437/4701/24020781
24037124/5273
FAX: 24024068
Visit us on:
http://mpcb.mah.nic.in

Kalpataru Point, 3rd & 4th Floor,
Sion Matunga Scheme Road No.8,
Opp. Cine Planet Cinema,
Near Sion Circle, Sion (East),
Mumbai-400 022.

ORANGE/LSI **Date:28/09/2006.**

Consent No. BO/RO (P&P)/ 648

Consent to Establish is granted to **M/s. K. Raheja Pvt. Ltd., "Metal Box", CTS No. 2/1629 of Lower Parel Division, Plot No. 249, 249A of Worli Scheme No.52G/South Ward, Mumbai.**

located in the area declared under the provisions of Water Act (P&CP) 1974, Air Act (P&CP), 1981 and Authorization under the provisions of H.W (M & H) Rules and amendments thereto subject to the provisions of the Acts and the Rules and the Orders that may be made further and subject to the following terms and conditions :-

1. **The Consent to Establish is issued to M/s. K. Raheja Pvt. Ltd., "Metal Box", CTS No. 2/1629 of Lower Parel Division, Plot No. 249, 249A of Worli Scheme No.52G/South Ward, Mumbai.**

For development of land/plot as new construction activities named as M/s. K. Raheja Pvt. Ltd., "Metal Box", CTS No. 2/1629 of Lower Parel Division, Plot No. 249, 249A of Worli Scheme No.52G/South Ward, Mumbai on **14638,91 sq mtrs** including utilities and services such as residential **128 no. of flats** etc. as per construction commencement certificate issued by local body.

2. **CONDITION UNDER WATER ACT :-**

(i) The daily quantity of (a) sewage effluent from above construction project including (b) waste water from swimming tank/water sports shall not exceed **102.7** cubic meters per day

(ii) **Sewage Effluent Treatment :** The Applicant shall provide a comprehensive sewage treatment plant as is warranted, with reference to influent quality and corresponding mode of disposal and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards:-

PARAMETERS	Limit	Standards for sub- streams		
		(A)	(B)	Unit
pH	In between	5.5 to 9	7 to 8.5	
Suspended Solids	Not to exceed	100	10	mg/l
B.O.D. 3 days 27 C	Not to exceed	30	10	mg/l
Oil & Grease	Not to exceed	10	NIL	mg/l
Dissolved Phosphates (as P)	Not to exceed	5	5	mg/l
Dissolved Oxygen	Not less than	5	5	mg/l
R. Chlorine	Not to exceed	0.1	0.1	Mg/l.

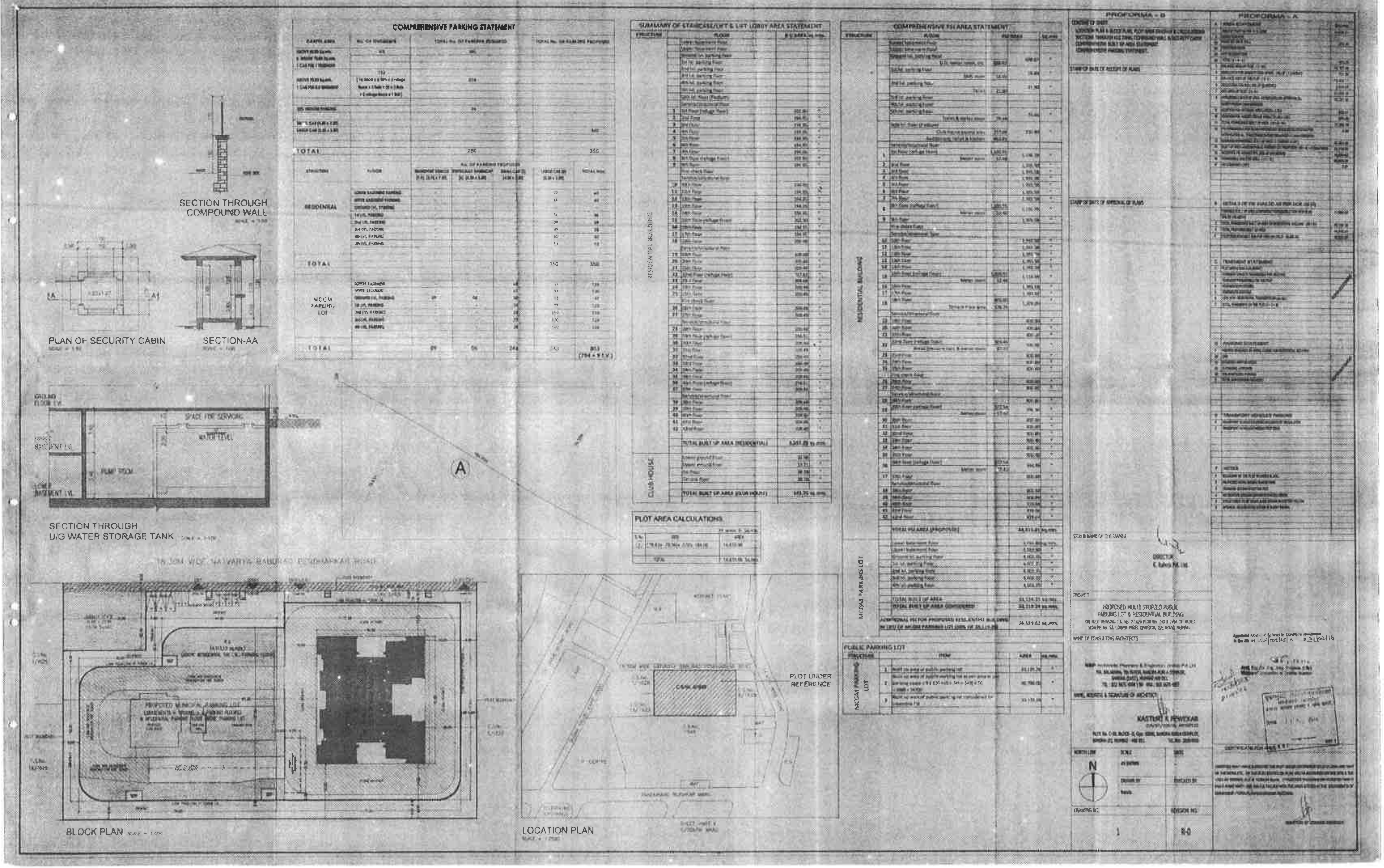
(iii) **Sewage effluent Disposal:-**
Domestic treated effluent shall be disposed of on land for gardening/ irrigation/ lawns/ tree-plantations within own premises. Excess treated sewage effluent shall be disposed into to under ground drainage scheme provided by local body. In no case, effluent shall find its way to any water body directly/indirectly at any time.

(iv) **Non-Hazardous Solid Waste:-**
The total quantity shall not exceed **320** Kg per day and shall be segregated and treated as follows:-

Sr No.	Type of Segregated solid waste	Quantity Kg/day	Treatment	Disposal
1	Organic	192	Invessel Composting at site only	Self-use
2	Inert		Segregation	At approved landfill
3	Paper Packing		Segregation	Sale
4	Rubber	118	Segregation	At approved landfill
5	Glass		Segregation	Sale
6	Miscellaneous(STP Sludge)	10	Segregation	Sale/At approved landfill

Maharashtra Pollution Control Board Mumbai

ANNEXURE VII B



8) That the Regd. Undertaking stating that excess parking proposed that permissible parking as per D.C.R. will be handed over to M.C.G.M. if plan with full potential are not submitted and got approved from this office shall be submitted before endorsement of C.C.

9) That the revised N.O.C. from M.O.E.F. shall be submitted before requesting for C.C. above 37th residential floor.

10) That the registered Undertaking stating that the Cafeteria with toilet block, meeting room, ATM, provision store on ground floor and Cafeteria with toilet block, auditorium on stilt floor will be for residents of building and higher height will not be misused shall be submitted before requesting for endorsement of C.C.

11) That the revised NOC from Ex.Eng. (M&E) for artificial lift and ventilation in living room and for of the toilet block shall be submitted before endorsement of C.C.

A copy of set of amended plans duly stamped / signed is hereby returned as a token of approval.

21/3/14

Executive Engineer
Building Proposals (City)-I

BPC2/GS-1105a

ANNEXURE VII A

MUNICIPAL CORPORATION OF GREATER MUMBAI
EB/1105/GS/A dt. 21/08/16

To,
Ms. Kasturi Pewekar,
Raheja Tower,
Plot No. C-30, 'G' Block,
Opp. SIDBI, Near Bank of Baroda
Bandra Kurla Complex,
Bandra (E), Mumbai: 400051

Ex. Eng. Bldg., Proposal (City)-I
New Municipal Building, C. S. No. 355 B,
Bhagwan Walmiki Chowk, Vidyalankar Marg,
Opp. Hanuman Mandir,
Salt Pan Road, Antophill, Wadala (East)
Mumbai 400 037

Sub: Proposed residential building with Public parking lot on plot bearing C.S.No.2/1629 of Lower Parel Division, Plot No. 249, 249-A of Worli Scheme No.52, G/S Ward, Mumbai.

Ref: Previous Architect Shri Sambaprasad Pinge's letter dated 10/03/2015 and 21/09/2015.

Sir,

With reference to above letter this is to inform you that the amended plans submitted are hereby approved subject to following conditions:

1) That all the conditions of I.O.D. under even No. dated 03/08/2005 and amended plans approval letter dated 14/05/2012, 01/03/2013 and 30/12/2013 shall be complied with.
2) That the revised structural design / calculations / details / drawings shall be submitted before endorsement of C.C. as per amended plans.
3) That payment towards following shall be made before asking for C.C.
   a. Development charges.
   b. Extra Water / Sewerage charges at A.E.W.W., G/South Ward Office.
   c. Premium towards staircase, lift, lift lobby area.
   d. Fungible F.S.I. premium.
   e. Labour Welfare Cess.
4) That the revised N.O.C. from Asstt. Commissioner (Estates) shall be submitted before endorsement of C.C.
5) That the C.C. shall be got endorsed as per the amended plan.
6) That the work shall be carried out strictly as per approved plan.
7) That the registered undertaking stating that the service floor will not misused shall be submitted before endorsement of C.C.

Maharashtra Pollution Control Board
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ANNEXURE VIII E

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

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

No:- Format1.0/CAC-CELL/UAN No.0000076911/CE 1912000103 Date: 04/12/2019

To,
M/s K. Raheja Pvt. Ltd.,
CS Nos. 2/1629 & 1A/1629 of Lower Parel division,
Plot Nos. 249, 249-A & 248-B of Worli Estate Scheme No. 52, Worli, Mumbai.

Sub: Grant of Consent to Establish for expansion of Residential & Commercial Building construction project with Public Parking Lot under Red Category

Ref:
1. Consent to Establish accorded by Board vide No. Format 1.0/BO/CAC-Cell/UAN No. 0000028220/CE(Exp) & Amalgamation/CAC-1808000657 dtd. 16/08/2018.
2. Environment Clearance accorded by Env. Dept GoM vide No. SEIAA-EC-0000001926 dtd. 03/08/2019.
3. Consent to Operate (Part-I) accorded by Board vide No. BO/CAC-Cell/CR(part)/CAC-1702000515 dtd. 10/02/2017.
4. Minutes of Consent Appraisal Committee meeting held on 07/11/2019.

Your application No.MPCB-CONSENT-0000076911 Dated 18.07.2019

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 & Transboundry 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. **The Consent to Establish is granted for a period upto commissioning of project or upto 30-11-2024 whichever is earlier.**
2. **The capital investment of the project is Rs.201.24 Crs. (As per undertaking submitted by pp).**
3. **The Consent to Establish is valid for expansion of Residential & Commercial Building construction project with Public Parking Lot of M/s K. Raheja Pvt. Ltd. at plot bearing CS Nos. 2/1629 & 1A/1629 of Lower Parel division, Plot Nos. 249, 249-A & 248-B of Worli Estate Scheme No. 52, Worli, Mumbai on total plot area 20,117.24 sq. mtrs. for increase in total construction BUA from 1,59,739.22 sq. mtrs. to 1,78,767.03 sq. mtrs. i.e. additional construction BUA of 19,027.81 sq. mtrs. as per Environment Clearance and construction permission issued by Local Body including utilities and services.**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	Environment Clearance	20117.24	178767.03
2	Consent to Establish	20117.24	159739.22
3	Consent to Operate (Part-I)	20117.24	33119.24

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
2.	Domestic effluent	150	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 utilized on land for gardening and connected to local body sewer line.

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

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Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
S-1 to S-3	DG Sets (2x250 & 2250 KVA)	3	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable waste	408 Kg/Day	OWC followed by composting	Used as manure for gardening
2	Non-Biodegradable waste	322 Kg/Day	Segregation	To be hand over to Local Recyclers for recycling
3	STP sludge	8 Kg/Day	Drying	Used as manure for gardening

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	10	Ltr/M	--	Sale to Auth. Party/ Re-processessor

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 provide/ operate STP so as to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit.

11 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 and connected to local body sewer line.

12 PP shall install/ operate organic waste digester along with composting facility/bio-digester (biogas) with composting facility for the treatment of wet garbage.

13 PP shall obtain NOC from MCGM for disposal of construction debris at specific site inspected and approved by Municipal Corporation.

14 PP shall extend existing BG of Rs. 25 Lakhs towards compliance of EC and Consent to Establish conditions.

15 Consent is issued without prejudice to the order passed as may be passed by the Hon'ble Supreme Court of India in special leave petition Civil No. D23708/2017.

For and on behalf of the
Maharashtra Pollution Control Board.

(E. Ravendiran IAS),
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	402480.00	TXN1907001546	18/07/2019	Online Payment

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai I
- They are directed to ensure the compliance of the consent conditions.
- They are directed to forfeit the proportionate bank guarantee, in case, if the JVS results exceeds Consented limits.
2. Cheif Accounts Officer, MPCB,Sion, Mumbai
3. CC-CAC Desk- for record & website updating purpose

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SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have proposed to provide SBR based Sewage Treatment Plants (STPs) of combined capacity **195 CMD for treatment of domestic effluent of 150 CMD.**

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
1.	BOD (3 days 27o C)	10
2.	Suspended Solids	20
3.	COD	50
4.	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, fire-fighting etc. and remaining shall be utilized on land for gardening and connected to local body sewer line. In no case, effluent shall find its way outside Project's premise.

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	159.00
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.

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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
S-1 & S-2	DG Sets (2x250 KVA)	Acoustic Enclosure/ Stack	5	HSD	125 Kg/Hr
S-3	DG Set (2250 KVA)	Acoustic Enclosure/ Stack	10	HSD	562.5 Kg/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/Nm3

3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacemenalteration 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:-**

a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.

b) The toilet shall be provided with exhaust system connected to chimney through ducting.

c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).

d) 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.

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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 (Expansion)	2500000	Existing	Towards compliance of the Environmental Clearance & Consent to Establish conditions	30.11.2024	31.03.2025

** 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			

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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 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.
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 sitting 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 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.

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Maharashtra Pollution Control Board
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ANNEXURE VIII F

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

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

No:- Format1.0/CAC-CELL/UAN No.0000083236/CO - 200700074 Date: 01/07/2020

To,
M/s K. Raheja Private Ltd., C.S. Nos. 2/1629, 1A/1629 of Lower Parel Division, Plot Nos. 249 & 249A , 248B of Worli Estate Scheme No. 52, Worli, Mumbai.

Sub: Grant of Consent to 1st Operate (Part-II) for Residential Tower "Artesia" under Red Category

Ref:
1. Environment Clearance accorded by Env. Dept., GoM vide No. SEIAA-EC-0000001926 dtd. 03/08/2019.
2. Consent to Establish accorded by the Board vide No. Format 1.0/BO/CAC-Cell/UAN No. 0000028220/CE(Exp) & Amalgamation/CAC-1808000657 dtd. 16/08/2018.
3. Minutes of Consent Appraiisal Committee meeting held on 03 & 04/03/2020.

Your application NO. MPCB-CONSENT-0000083236

For: grant of Consent to Operate 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 / Renewal ofAuthorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundry 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. **The 1st Consent to Operate is granted for a period up to 31.03.2021**
2. **The capital investment of the project is Rs.1309.67 Crs. (As per C.A Certificate submitted by industry).**
3. **The Consent to 1st Operate (Part-II) is valid for Residential Tower "Artesia" of M/s K. Raheja Private Ltd. at plot bearing C.S. Nos. 2/1629, 1A/1629 of Lower Parel Division, Plot Nos. 249 & 249A , 248B of Worli Estate Scheme No. 52, Worli, Mumbai on total plot area 20,117.27 sq. mtrs. for construction BUA 69,400.89 sq. mtrs. out of total construction BUA 1,78,767.03 sq. mtrs. as per Environment Clearance granted dtd. 03/08/2019 and construction permission issued by Local Body 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
2.	Domestic effluent	51	As per Schedule - I	60% recycle for secondary purposes and remaining for construction activity and/ or on land for gardening

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https://blockchain.ecmpcb.in/docs/5efc629299513b24b0caeda1

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 (2250 KVA)	1	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradabel waste	139 Kg/Day	OWC followed by composting	Used as Manure
2	Non-Biodegradable waste	209 Kg/Day	Segregation	Auth. Vendor/ Local Body
3	STP Sludge	11 Kg/Day	Dewatering	Used 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 /spent oil	100	Ltr/A	Recycle	Sale to Auth. Party/ Recycler

8 The 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 authorities.

10 PP shall submit undertaking in Board's prescribed format within 15 days towards compliance of conditions of Environmental Clearance (EC) and Consent to Operate conditions.

11 PP shall submit the undertaking within 15 days in the prescribed format towards the part of the built-up area/ building for which application for 1st Consent to Operate(Part-II) is made and that the same is included in the Environmental Clearance.

12 PP shall operate STP to achieve the treated domestic effluent standard for the parameter BOD- 10 mg/lit.

13 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 utilised for construction activity and on land for gardening.

14 PP shall operate organic waste converter followed by composting facility and obtained compost shall be used as manure in their own garden/ plantation.

15 PP shall extend the existing BGs of Rs. 25 Lacs towards O & M of pollution control system & compliance of consent to operate.

16 PP shall provide bus transport for residents/ employee to the extent possible directly or indirectly through the operator to reduce traffic congestion and resultant in reduction of air pollution.

17 PP will be responsible for proper operation & maintenance of pollution control systems for initial period of five years after Society formation and afterwards handover the facility to the Society for its further operation in good and working conditions.

For and on behalf of the
Maharashtra Pollution Control Board.

(E. Ravendiran IAS).
Member Secretary

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	2619340.00	TXN1911002014	26/11/2019	Online Payment

Copy to:

1. Regional Officer, MPCB, Mumbai and Sub-Regional Officer, MPCB, Mumbai I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB,Sion, Mumbai
3. CAC-Cell-for record purpose.

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SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have provided MBBR based Sewage Treatment Plants (STPs) of combined capacity **150 CMD for treatment of domestic effluent of 51 CMD.**

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
1.	BOD (3 days 27o C)	10
2.	Suspended Solids	20
3.	COD	50
4.	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 utilised for construction activity and/ or on land for gardening. In no case, effluent shall find its way outside Project's premise.

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	57.00
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.

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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 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
S-1	DG Set (2250 KVA)	Acoustic Enclosure/ Stack	22	HSD	388 Kg/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/Nm3

3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacemenalteration 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:-**

a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.

b) The toilet shall be provided with exhaust system connected to chimney through ducting.

c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).

d) 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.

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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	C2O (Part-II)	2500000	Existing	Towards O & M of pollution control system & compliance of consent to operate	31.03.2021	31.07.2021

** 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						

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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 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.

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 sitting 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 make an application for renewal of the consent at least 60 days before date of the expiry of the consent.

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Maharashtra Pollution Control Board
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Annexure VIII (G)

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

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

No:- Format1.0/CAC-CELL/UAN No.0000092970/CE - 2011000702 Date: 11/11/2020

To,
K. Raheja Pvt Ltd., Plot bearing CS No. 2/1629 & 1A/1629 of Lower Parel Division, Plot No. 249 & 249A, 248B of Worli estate scheme No. 52, Worli, Mumbai.

Sub: Consent to Establish for Expansion in existing Residential project under L.S.I Red Category

Ref:
1. Consent to Establish accorded by the Board vide letter BO/RO(P&P)/648 dtd 28/09/2006.
2. Environment Clearance accorded by MoEF GoI vide 21-413/2006-IA.III GoI, MoEF (IA-Division) dtd. 06/02/2007.
3. 1st Consent to Operate (part) accorded by the Board vide letter BO/CAC-Cell/CR(part)/CAC-1702000515 dtd. 10/02/2017.
4. Consent to Establish for expansion & amalgamation of existing C2E accorded by the Board vide letter No. Format 1.0/BO/CAC-Cell/UAN No. 0000028220/CE(Exp) & amalgamation)/CAC-1808000657 dtd. 16/08/2018.
5. Environment Clearance for expansion accorded by Env. Dept, GoM vide letter SEIAA-EC-0000001926 dtd. 03/08/2019.
6. Consent to Establish for expansion accorded by the Board vide letter Format 1.0/CAC-CELL/UAN No. 0000076911/CE-1912000103 dtd. 04/12/2019.
7. Environment Clearance for expansion accorded by Env. Dept, GoM vide letter SIA/MH/MIS/42830/2018 dtd. 31/03/2020
8. Minutes of Consent Appriasal Committee meeting held on 07/09/2020 & 11/09/2020.

Your application NO. MPCB-CONSENT-0000092970

For: Grant of Consent to Establish for expansion 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 ofAuthorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundry 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. **The Consent to Establish is granted for a period upto commissioning of project**
2. **The capital investment of the project is Rs.66.23 Crs. (As per C.A Certificate submitted by industry).**
3. **The Consent to Establish for expansion is valid for Residential project named as K. Raheja Pvt Ltd., Plot bearing CS No. 2/1629 & 1A/1629 of Lower Parel Division, Plot No. 249 & 249A, 248B of Worli estate scheme No. 52, Worli, Mumbai. on Total Plot Area of 20,117.24 SqMtrs for construction BUA of 38,143.17 SqMtrs out of Total Construction BUA of 2,16,910.20 SqMtrs**

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(i.e. existing 1,78,767.03 Sq.m + proposed 38,143.17 Sq.m) as per EC granted dated 31/03/2020 including utilities and services

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	C to E - dtd. 28/09/2006	14638.91	42094.00
2	EC- dtd. 06/02/2007	14638.91	42094.00
3	1st C to O (part) - dtd. 10/02/2017	14638.91	33119.24
4	C to E (exp + amlg) - dtd. 16/0/2018	20117.27	159739.22
5	EC for exp - dtd. 03/08/2019	20117.24	178767.03
6	C to E for exp - dtd. 04/12/2019	20117.24	178767.03
7	EC for exp - dtd. 31/03/2020	20117.24	216910.20

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	Nil	Nil
2.	Domestic effluent	223	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 2250 KVA	01	As per Schedule -II
S-2, S-3	DG Sets 1250 KVA x 2	02	As per Schedule -II
S-4	DG Set 250 KVA	01	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Biodegradable Waste	561 Kg/Day	Organic waste converter followed by Composting facility.	Used as Manure.
2	Non-Biodegradable Waste	653 Kg/Day	Segregation	By Sale to Auth. Vendor
3	STP Sludge	25 Kg/Day	SDB	Used 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 /spent oil	100	Ltr/A	Stored in drum	By sale to Auth. reprocessor.

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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 provide STP so as to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit.

11 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.

12 PP shall install online monitoring system for BOD, TSS and flow at the outlet of STP with connectivity to MPCB Server.

13 PP shall submit BG of Rs. 25 Lakhs towards compliance of EC and Consent to Establish conditions.

14 PP shall install organic waste digester along with composting facility/biodigester (biogas) with composting facility for the treatment of wet garbage.

15 PP shall submit Board Resolution within 15 days stating that they have violated Consent condition by continuing construction work without obtaining re-validation of Consent to Establish and they will not do so in future. PP shall furnish BG of Rs. 2 Lakh towards compliance of this condition (ie. if PP started construction without obtaining consent to Establish from Board and PP has Environment Clearance for said project).

16 This consent is issued without prejudice to the order passed or may be passed by the Hon'ble Supreme Court of India in special leave petition (Civil No. D23708/2017) (if construction in Mumbai region-)

17 PP shall not take effective steps without obtaining EC from the Competent Authority (if EC not procured) PP shall comply conditions stipulated Environment Clearance accorded by Environment Department, GoM vide. SEAC 2013/CR-350/TC-1 dtd 31.5.2014.

18 PP has obtained approval from MCGM vide No. SWM/000907/2018/G/S/CTY dated 21.6.2018 for transportation of construction & demolition waste from construction site to the designated filling & leveling site.

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	100000.00	MPCB-DR-0544	28/06/2020	RTGS

Copy to:

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

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SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have proposed to provide MBBR Technology based Sewage Treatment Plants (STPs) of combined capacity **295 CMD for treatment of domestic effluent of 223 CMD.**

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
1.	BOD (3 days 27o C)	10
2.	Suspended Solids	20
3.	COD	50
4.	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.

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	238.00
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.

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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
S-1	DG Set 2250 KVA	Acoustic enclosure	9.49	HSD	388 Ltr/Hr
S-2, S-3	DG Sets 1250 KVA x 2	Acoustic enclosure	7.07	HSD	621 Ltr/Hr
S-4	DG Set 250 KVA	Acoustic enclosure	3.16	HSD	62.5 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/Nm3

3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacemenalteration 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:-**

   a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.

   b) The toilet shall be provided with exhaust system connected to chimney through ducting.

   c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).

   d) 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.

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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	Consent to Establish for Expansion	25 Lakh	15 days	Towards Compliance of Environment Clearance and Consent conditions.	COU	Up to Commissioning of the project or 5 years whichever is earlier.

** 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						

Kindly verify Maharashtra Pollution Control Board's document on Blockchain by scanning the QR code.
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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.

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 sitting 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.

Kindly verify Maharashtra Pollution Control Board's document on Blockchain by scanning the QR code.
https://blockchain.ecmpcb.in/docs/fc5789b9d7cba96c38d430ed11977f3138663ad29ac72a5114f6e84b9a11c5c2

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.

Kindly verify Maharashtra Pollution Control Board's document on Blockchain by scanning the QR code.
https://blockchain.ecmpcb.in/docs/fc5789b9d7cba96c38d430ed11977f3138663ad29ac72a5114f6e84b9a11c5c2

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@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/CAC-CELL/UAN No.0000109931/CO - 2111000812

Date: 22/11/2021

To,
K. Raheja Pvt Ltd.,
Plot bearing CS No. 2/1629 & 1A/1629 of Lower Parel Division, Plot No. 249 & 249A, 248B of Worli estate scheme No. 52, Worli, Mumbai.

Your Service is Our Duty

Sub: Consent to Operate (Part) including BUA of existing Consent to Operate (Part-II) for Commercial & Residential Building project under Red/LSI category.

Ref:
1. Environmental Clearance for expansion accorded by Env. Dept. GoM vide letter No SIA/MH/MIS/42830/2018 dtd. 31/03/2020.
2. 1st Consent to Operate (Part-II) accorded by the Board vide letter Format1.0/CAC-CELL/UAN No. 0000083236/CO-2007000074 dtd. 01/07/2020.
3. Consent to Establish for Expansion accorded by the Board vide letter Format1.0/CAC-CELL/UAN No. 0000092970/CE-2011000702 dtd. 11/11/2020.
4. Minutes of Consent Appraisal Committee meeting held on 23/06/2021.

Your application NO. MPCB-CONSENT-0000109931

For: Grant of Consent to Operate (Part) 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 / Renewal of Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundry 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. **The 1st Consent to Operate is granted for a period up to 31.03.2022**
2. **The capital investment of the project is Rs.2047.82 Cr. (As per C.A Certificate submitted by industry).**
3. **The Consent to Operate (Part) is valid for Commercial & Residential Building project named as K. Raheja Pvt Ltd., Plot bearing CS No. 2/1629 & 1A/1629 of Lower Parel Division, Plot No. 249 & 249A, 248B of Worli estate scheme No. 52, Worli, Mumbai on Total Plot Area of 20,117.24 SqMtrs for Construction BUA of 1,41,069.75 SqMtrs out of Total Construction BUA of 2,16,910.20 SqMtrs as per EC granted dated 31/03/2020 including utilities and services**

Sr.No	Permission Obtained	Plot Area (SqMtr)	BUA (SqMtr)
1	EC- dtd. 31/03/2020	20117.24	216910.20
2	1st C to O (Part-II)- dtd. 01/07/2020	20117.24	69400.89
3	C to E for Exp - dtd. 11/11/2020	20117.24	38143.17

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	Nil	Nil

Kindly verify Maharashtra Pollution Control Board's document on Blockchain by scanning the QR code.
https://blockchain.ecmpcb.in/docs/e5cd6e89d9c1e86207cd349005904a7e1d658801b3192867004a27f65732cf40

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	110	As per Schedule - I	The treated effluent shall be 60% recycled for secondary purposes and remaining shall be utilized on land for gardening and/ or connected to local body sewer line with water metering system.

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 & S-2	DG Sets of 250 kVA x 2	02	As per Schedule -II

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

Sr No	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Bio-degradable Waste	313 Kg/Day	OWC followed by composting facility	Used as Manure.
2	Non-biodegradable Waste	209 Kg/Day	Segregation	Handed over to Auth. Vendor.
3	STP Sludge	8 Kg/Day	Drying	Used 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	100	Ltr/A	Recycle	By Sale to Auth. recycler.

8. The 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 authorities.
10. PP shall properly operate STP to achieve the treated domestic effluent standard for the parameter BOD-10 mg/lit including disinfection facility to the treated sewage.
11. The treated sewage 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/ or connected to local body sewer line with water metering system.
12. PP shall properly operate organic waste digester along with composting facility/bio-digester (biogas) for the treatment of wet garbage.
13. PP shall make provision of charging ports for electric vehicles at least10% of total available parking slots.
14. PP shall extend existing BG of Rs. 25 Lakh towards O & M of Pollution Control Systems and compliance of Consent conditions.

For and on behalf of the
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),
Member Secretary

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Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	4095640.00	TXN2103001103	09/03/2021	Online Payment

Copy to:

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

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SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1) A] As per your application, you have provided SBR based Sewage Treatment Plants (STPs) of combined capacity **150 CMD for treatment of domestic effluent of 110 CMD.**

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 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/ or connected to local body sewer line with water metering system.

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	117.00
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.

Kindly verify Maharashtra Pollution Control Board's document on Blockchain by scanning the QR code.
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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 erected 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
S-1 & S-2	DG Sets of 250 kVA x 2	Acoustic enclosure	3.16	HSD	125 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/Nm3

3) The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacemenalteration 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:-**

a) The kitchen shall be provided with exhaust system chimney with oil catcher connected to chimney through ducting.

b) The toilet shall be provided with exhaust system connected to chimney through ducting.

c) The air conditioner shall be vibration proof and the noise shall not exceed 68 dB(A).

d) 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/C 20/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	1st Consent to Operate (Part)	25 Lakh	Extension of existing BG	Towards O & M of Pollution Control Systems and Compliance of Consent conditions.	Monthly	30/09/2022

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Sr. No.	Consent (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

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.

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 sitting and control measures.

d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.

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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.

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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 date of the expiry of the consent.

For and on behalf of the
Maharashtra Pollution Control Board.

(Ashok Shingare IAS),
Member Secretary

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Maharashtra Pollution Control Board
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Annexure VIII (I)

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Application for Consent/ Authorisation

Sir,
I/We hereby apply for*

1. Consent to Establish/Operate/Renewal of consent under section 25 and 26 of the Water (Prevention & Control of Pollution) Act, 1974 as amended.

2. Consent to Establish/Operate/Renewal of consent under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended.

3. Authorization/renewal of authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 in connection with my/our/existing/proposed/altered/ additional manufacturing/processing activity from the premises as per the details given below.

Consent Information

UAN No:
MPCB-CONSENT-0000132222

Application submitted on:
16-02-2022

Industry Information

Consent To:
Renewal (Normal)

IIN No.:

Submit to:
SRO - Mumbai I

Type of institution:
Other Planning Authority

Industry Type:
O21 Building and construction project more than 20,000 sq. m built up area

Category:
Orange

Scale:
L.S.I

EC Reqd.
No

EC Obtained
Yes

EC Ref. No.
F. No. 21-413/2006-IA.III dtd. 06.02.2007; SEAC 2010/ CR-323/TC-2 dtd. 22.07.2011; SEAC-2010/CR-323/TC-2 dtd. 11.06.2014; SEAC-2016/C.R.424/TC-1 (SEIAA-EC-0000000102) dtd. 12.05.2017; SEIAA-EC-0000001926 dtd. 03.08.2019 & F. No. SIA/MH/MIS/42830/2018 dtd. 31.03.2020.

Whether construction-buildup area is more than 20,000 sq.mtr.(Existing Expansion Unit)
Yes

General Information

1. Name, designation, office address with Telephone/Fax numbers, e-mail of the Applicant Occupier/Industry/Institution / Local Body.

Name
Nikhil Mehta

Address
C S No 2/1629 of Lower Parel division, Plot No 249 & 249A of Worli, Mumbai,

Designation
Vice President

Taluka
Kurla

Area
Kurla (West)

District
Mumbai Suburban

Telephone

Fax

9167755305

Email
avrane@kraheja.com

Pan Number
AAACK1949H

---

2. (a) Name and location of the industrial unit/premises for which the application is made (Give revenue Survey Number/Plot number name of Taluka and District, also telephone and fax number)

Industry name
M/s. K. RAHEJA PRIVATE LTD

Location of Unit
Residential tower (Part) on land bearing at CS No 2/1629 & 1A/1629 of Lower Parel division, Plot No. 249 & 249 A, 248B of Worli estate scheme no. 52, Worli, Mumbai.

Survey number/Plot Number
C.S. No.2/1629, 1A/1629 & Plot No.249 & 249A, 248B

Taluka
Mumbai

District
Mumbai city

(b) Details of the planning permission obtained from the local body/Town and Country Planning authority/Metropolitan Development authority/ designated Authority.

Planning permission
Municipal Corporation of Greater Mumbai (MCGM)

Planning Authority
Municipal Corporation of Greater Mumbai (MCGM)

Name of the local body under whose jurisdiction the unit is located and Name of the licence issuing authority

Name of Local Body
Municipal Corporation of Greater Mumbai (MCGM)

Name of the licence issuing authority
Municipal Corporation of Greater Mumbai (MCGM)

---

3. Names,addresses with Telephone and Fax Number of Managing Director / Managing Partner and officer responsible for matters connected with pollution control and/or Hazardous waste disposal.

Name of Managing Director
Mr. Raman Sapru (Executive President - Projects)

Telephone number
09167779454

Fax number
02226564604

Officer responsible for day to day business
Mr. Vaibhav Samarth

4. (a.) Are you registered Industrial unit ?

No

Registration number
17018/1973-74

Date of registration
Apr 3, 1982

---

5. Gross capital investment of the unit without depreciation till the date of application (Cost of building, land, plant and machinery). (To be supported by an affidavit/undertaking on Rs.20/- stamp paper, annual report or certificate from a Chartered Accountant for proposed unit(s), give estimated figure)

Gross capital (in Lakh)	**** Verified***	**** Terms***	**** Consent Fee***
211668.00	CA Certificate	2	8466720.00

---

6. If the site is located near sea-shore/river bank/other water bodies/Highway, Indicate the crow fly distance and the name of the water body, if any.

Distance From	***Distance(Km)***	**** Name***
SH/NH	4.56	
River	0.00	--NA--
Human Habitation	1.00	
Religious Place	1.00	
Historical Place	0.00	--NA--
Creek/Sea	1.50	Creek/Sea

6b. Enter Latitude and Longitude details of site

Latitude	Longitude
190033.2	724910.08

7. Does the location satisfy the Requirements Under relevant Central/State Govt. Notification such as Coastal Regulation Zone. Notification on Ecologically Fragile Area, Industrial Location policy, etc. If so, give details.

Location	Approved Industry Area	Sensitive Area	If Yes, Name Of Area	Industry Location with Reference to CRZ
Not Applicable	No	No	Not Applicable	

8. If the site is situated in notified industrial estate,

		Details
(a) Whether effluent collection, treatment and disposal system has been provided by the authority.	No	Not Applicable
(b) Will the applicant utilize the system, if provided.	No	Not Applicable
(c) If not provided, details of proposed arrangement.	STP of capacity 160 KLD (SBR based) is installed.	

9.

(a) Total plot area (in squear meter)	(b) Built up area and (in squear meter)	(c) Area available for the use of treated sewage/ trade effluent for gardening/irrigation. (in squear meter)
20117.24 sq.m.	141459.76 sq.m.(FSI: 61178.68 Sq.m. + Non FSI: 80281.08 Sq.m.) out of total BUA 216910.20 sq.m.	5811.61 sq.m.

10. Month and year of commissioning of the Unit.

2020-01-01

11. Number of workers and office staff

Workers	staff	Hrs. of shift	Weekly off
0	0	0	0

12.

(a) Do you have a residential colony Within the premises in respect of Which the present application is Made ?	No	This application is for renewal of CTO (Part) for Residential Building with Total population 870 Nos

(b) If yes, please state population staying

Number of person staying	Water consumption	Sewage generation	Whether is STP provided?
	Not Applicable	Not Applicable	No

(c) Indicate its location and distance with reference to plant site.

Number of person staying	Water consumption
Not Applicable	Not Applicable

13. List of products and by-products Manufactured in tonnes/month, Kl/month or numbers/month with their types i.e.Dyes, drugs etc. (Give figures corresponding to maximum installed production capacity

Products Name and Quantity

Product Name	UOM	Product Name	Existing	Consented	Proposed Revision	Total	Remarks

OTHERS	--NA--	Not Applicable	0	0	0	0	Not applicable as the proposal pertains for renewal of Consent to Operate (Part) for Residential Building completed upto 2B+G+5 Parking flrs.+ Stilt 6+ structural /service floors +3 Fire check flrs+45 habitable floor (the 5th parking floor above public parking lot will be for residential parking).

Products Name and Quantity

Product Name	*UOM*	*Quantity*	*Remarks*
Not Applicable	--NA--	0	Not applicable as the proposal pertains for renewal of Consent to Operate (Part) for Residential Building.

14. List of raw materials and process chemicals with annual consumption corresponding to above stated production figures, in tonnes/month or kl/month or numbers/month.

Name of Raw Material	*UOM*	*Quantity*	*Hazardous Waste*	*Hazardous Chemicals*	*Remarks*
Not Applicable	--NA--	0	No	No	Not applicable as the proposal pertains for renewal of Consent to Operate (Part) for Residential Building.

15. Description of process of manufacture for each of the products showing input, output, quality and quantity of solid, liquid and gaseous wastes, if any from each unit process.

NA, As the proposal pertains for renewal of Consent to Operate (Part) for Residential Building. Please refer Annexure enclosed for Project Details.

Part B : Waste Water aspects

16. Water consumption for different uses (m3/day)

Purpose	*Consumption*	*Effluent Generation*	*Treatment*	*Remarks*	*Disposal*	*Remarks*
Domestic Pourpose	117(F)+25(SP-F)	110	STP	STP of capacity 160 CMD with SBR based Technology is provided to treat sewage generated.	Recycle	Treated water will be used for flushing & gardening.
Water gets Polluted & Pollutants are Biodegradable	Nil	0	--NA--	Not applicable	--NA--	Not applicable

Water gets Polluted,Pollutants are not Biodegradable & Toxic	Nil	0	--NA--	Not applicable	--NA--	Not applicable
Industrial Cooling,spraying in mine pits or boiler feed	Nil	0	--NA--	Not applicable	--NA--	Not applicable
Others	Gardening- 30 CMD (R)					

17. Source of water supply, Name of authority granting permission if applicable and quantity permitted.

Source of water supply	***Name of authority granting permission***	***Qauntity permitted***
Municipal Corporation of Greater Mumbai (MCGM) & Recycled water	Municipal Corporation of Greater Mumbai (MCGM)	117

18. Quantity of waste water (effluent) generated (m3/day)

Domastic	***Boiler Blowdown***	***Industrial***	***Cooling water blowdown***
110	0	0	0
Process	***DM Plants/Softening***	***Washing***	***Tail race discharge from***
0	0	0	0

* 19. Water budget calculations accounting for difference between water consumption and effluent generated.

62 CMD

20. Present treatment of sewage/canteen effluent (Give sizes/capacities of treatment units).

Capacity of STP (m3/day)

160

Treatment unit	***Size (mxm)***	***Retention time (hr)***
SBR based Sewage Treatment Plant with capacity of 160 CMD is provided to treat sewage generated.	160	0

21. Present treatment of trade effluent (Give sizes/capacities of treatment units) (A schematic diagram of the treatment scheme with inlet/outlet characteristics of each unit operation/process is to be provided. Include details of residue Management system (ETP sludges)

Capacity of ETP (m3/day)

0

Treatment unit	***Size (mxm)***	***Retention time (hr)***
Not applicable as no generation of trade effluent.	0	0

22.

(i) Are sewage and trade effluents mixed together?	No
If yes, state at which stage-Whether before, intermittently or after treatment.	No, Not applicable as no generation of trade effluent.

23. Capacity of treated effluent sump, Guard Pond if any.

Capacity of treated effluent sump (m3) Not applicable

Effluent sump/Guard pond details	No	Not applicable
If yes, state at which stage-Whether before, intermittently or after treatment.	No	Not applicable

24. Mode of disposal of treated effluent With respective quantity, m3/day

(i) into stream/river (name of river)	0	***(ii) into creek/estuary (name of Creek/estuary)***	0
(iii) into sea	0	***(iv) into drain/sewer (owner of sewer)***	30
(v) On land for irrigation on owned land/ase land. Specify cropped area.	0	***(vi) Connected to CETP***	0
(vii) Quantity of treated effluent reused/ recycled, m3/day Provide a location map of disposal arrangement indicating the outler(s) for sampling. Treated effluent reused / recycled (m3/day)	99		

25. (a) Quality of untreated/treated effluents (Specify pH and concentration of SS, BOD,COD and specific pollutants relevant to the industry. TDS to be reported for disposal on land or into stream/river.

Untreated Effluent

pH	6.0-8.50	
SS (mg/l)	400	
BOD (mg/l)	250-350	
COD (mg/l)	500	
TDS (mg/l)	--	
Specific pollutant if any	***Name***	***Value***
1	Oil & Grease	<50

Treated Effluent

pH	6.5-7.5	
SS (mg/l)	<10 mg/lit	
BOD (mg/l)	<10 mg/lit	
COD (mg/l)	<50 mg/lit	
TDS (mg/l)	--	
Specific pollutant if any	***Name***	***Value***
1	Oil & Grease	<5

(b) Enclose a copy of the latest report of analysis from the laboratory approved by State Board/ Committee/Central Board/Central Government in the Ministry of Environment expected characteristics of the untreated/treated effluent

NA, As building is not occupied therefore STP is currently not operational at site.

26. Fuel consumption

Fuel Type	***UOM***	***Fuel Consumption TPD/LKD***	***Calorific value***
HSD	Kg/Hr	461.36	10800
Ash content	***Su!phur content***	***Quantity***	***Other (specify)***
0	0.25	1	DG Set (2250 KVA) is provided.

27. (a) Details of stack (process & fuel stacks: D. G.)

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
1	DG Set (1 Nos.)	2250 KVA x 1 Nos.	HSD
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
461.36	MS	Round	22 m
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
0.45	525	475	14.85
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
Not Applicable	SPM, SO2, NOx	Adequate stack height as per CPCB norms to achieve satisfactory dilution.	2250 KVA x 1 No. (DG Set will be used as power back up)

27. (B) Whether any release of odoriferous compounds such as Mercaptans, Phorate etc. Are coming out from any storages or process house.

No

28. Do you have adequate facility for collection of samples of emissions in the form of port holes, platform, ladder\etc. As per Central Board Publication "Emission regulations Part-III" (December, 1985)

Poart hole	Yes	***Details***	Yes, Port holes are provided as per CPCB guidelines.
Platform	Yes	***Details***	Yes, Platforms are provided as per CPCB guidelines.
Ladder	Yes	***Details***	Yes, Ladders are provided as per CPCB guidelines.

29. Quality of treated flue gas emissions and process emissions. Quantity of treated flue gas emissions and process emissions.

Sr. No	***Stack attached to***	***Parameter***	***Concentration mg/Nm3***	***flow (Nm3/hr)***
1	Not Applicable	Not Applicable	0	0

(Specify concentration of criteria pollutants and industry/process-specific pollutants stack-wise. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/ Central Government in the Ministry of Environment & Forests. For proposed unit furnish expected characteristics of the emissions..

Currently Building is not occupied therefore DG Set is not in operation.

Part - D: Hazardous Waste aspect

30. Information about Hazardous Waste Management as defined in Hazardous Waste (Management & Handling) Rules, 1989 as amended in Jan.,2000. Type/Category of Waste as per

Waste (Annually) Schedule I

Cat No	***Type***	***Qty***	***UOM***
5.1	5.1 Used or spent oil	100	Ltr/A
Max	***Method of collection***	***Method of reception***	***Method of storage***
	As per norms	Not Applicable	As per norms
Method of transport	***Method of treatment***	***Method of disposal***	
As per norms	Not Applicable	Sale to authorized Recycler	

Waste (Annually) Schedule II

31. Details about use of hazardous waste

Name of hazardous waste/Spent chemical	***Quantity used/month***	***Party from whom purchased***	***Party to whom sold***
Not applicable	0	Not applicable	Not applicable

32.

a. Details about technical capability and equipments available with the applicant to handle the Hazardous Waste

Not applicable

b. Characteristics of hazardous waste(s) Specify concentration of relevant pollutants. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/Central Govt. in the ministry of Environment & Forests. For proposed units furnish expected characteristics

Not applicable

33.

Copy of format of manifest/record Keeping practiced by the applicant.

Not applicable

34.

Details of self-monitoring (source and environment system)

Not applicable

35.

Are you using any imported hazardous waste. If yes, give details.

Not applicable

36.

Copy of actual user Registration/certificate obtained from State Pollution Control Board/Ministry of Environment & Forests, Government of India, for use of hazardous waste.

Not applicable

37.

Present treatment of hazardous waste, if any (give type and capacity of treatment units)

Not applicable

---

38. Quantity of hazardous waste disposal

(i) Within factory

0

(ii) Outside the factory (specify location and enclose copies of agreement.)

0

(iii) Through sale (enclosed documentary proof and copies of agreement.)

100

(iv) Outside state/Union Territory, if yes particulars of (1 & 3) above.

0

(v) Other (Specify)

0

Part - E: Additional information

39.

a. Do you have any proposals to upgrade the present system for treatment and disposal of effluent/emissions and/or hazardous waste.

Not applicable

b. If yes, give the details with time- schedule for the implementation and approximate expenditure to be incurred on it.

Not applicable

40.

Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc. (give figures separately for items implemented/to be implemented).

Please refer Annexure enclosed for Detailed Environmental Management Plan.

41.

To which of the pollution control equipment, separate meters for recording consumption of electric energy are installed ?

STP

42.

Which of the pollution control items are connected to D.G. Set (captive power source) to ensure their running in the event of normal power failure

STP

---

43. Nature, quantity and method of disposal of non- hazardous solid waste generated separately from the process of manufacture and waste treatment. (Give details of area/capacity available in applicant's land)

Type	*Quantity*	*UOM*	*Treatment*	*Disposal*	*Other Details*
Biodegradable Waste	313	Kg/Day	OWC followed by composting	Will be treated in OWC & manure obtain will be used for Gardening.	Please refer Annexures enclosed for Details of Non-hazardous Waste & Details and Photographs of OWC.
Non- Biodegradable Waste	209	Kg/Day	Segregation	Will be handover to the authorized vendor/ Local Body.	Please refer Annexures enclosed for Details of Non-hazardous Waste & Details and Photographs of OWC.
STP Sludge	8	Kg/Day	Drying	Will be used as manure for Plantation/ Gardening.	Please refer Annexures enclosed for Details of Non-hazardous Waste & Details and Photographs of OWC.

---

44. Hazardous Chemicals - Give details of Chemicals and quantities handled and Stored.

(i) Is the unit a Majot Accident Hazard unit as per Mfg.Storage Import Hazardous Chemicals Rules ?

Not applicable

(ii) Is the unit an isolated storage as defined under the MSIHC Rules ?

Not applicable

(iii) Indicate status of compliance of Rules 5,7,10,11,12,13 and 18 of the MSIHC Rules.

Not applicable

(iv) Has approval of site been obtained from the concerned authority?

Not applicable

(v) Has the unit prepared an off-site Emergency Plan? Is it updated ?

Not applicable

(vi) Has information on imports of Chemicals been provided to the concerned authority?

Not applicable

(vii) Does the unit possess a policy under the PLI Act?

Not applicable

45. Brief details of tree plantation/green belt development within applicant's premises (in hectors)

Open Space Availability	***Plantation Done On***	***Number of Trees Planted***
4680.82 Square meter	139 Square meter(3.0 %)	26

46.

Information of schemes for waste Minimization, resource recovery and recycling - implemented and to be implemented, separately.

STP, Solar System, OWC, RWH are provided. Rain Water Harvesting tank of 50 KL is within bldg. (Please refer Annexure enclosed).

47.

(a) The applicant shall indicate whether Industry comes under Public Hearing, if so, the relevant documents such as EIA, EMP, Risk Analysis etc. shall be submitted, if so, the relevant documents enclosed shall be indicated accordingly.

EC obtained (Please refer Annexure enclosed).

(b) Any other additional information that the applicants desires to give

No

(c) Whether Environmental Statement submitted ? If submitted, give date of submission.

Yes. Please refer Annexure enclosed for Environmental Statement (2020-2021)

48.

I/We further declare that the information furnished above is correct to the best of my/our knowledge.

49.

I/We hereby submit that in case of any change from what is stated in this application in respect of raw materials, products, process of manufacture and treatment and/or disposal of effluent, emission, hazardous wastes etc. In quality and quantity; a fresh application for Consent/Authorization shall be made and until the grant of fresh Consent/Authorization no change shall be made.

50.

I/We undertake to furnish any other information within one month of its being called by the Board

Yours faithfully

Signature : Mr. Raman Sapru
Name : Mr. Raman Sapru
Designation : Executive President - Projects

Additional Information

Air Pollution

Sr No.	***Air Pollution Source***	***Pollutants***	***APCS Provided***	***Remark***
1	DG Set (1 Nos.)	SPM, SO2, NOx	Adequate stack height as per CPCB norms to achieve satisfactory dilution	DG Set (2250 KVA x 1 Nos.)

Separate EM Provided	No	***Other Emission Sources***	Not Applicable
Measures Proposed	Adequate stack height as per CPCB norms to achieve satisfactory dilution	***Foul Smell Coming Out***	No

Air Sampling Facility Details Port holes, platforms & Ladders are provided as per CPCB guidelines.

D.G. Set Details

Description	*Capacity(KVA)*	*Remarks*
DG Set	2250	DG Set (2250 KVA x 1 Nos.)

Hazardous Waste Generation

Hazardous Waste	*Quantity*	*UOM*	*Treatment*	*Disposal*	*Other Details*
5.1 Used or spent oil	100	Ltr/A	Not Applicable	Sale to authorized Recycler	Not Applicable

CHWTSDF Details

Member of CHWTSDF	*CHWTSDF Name*	*Remarks*

Cess Details

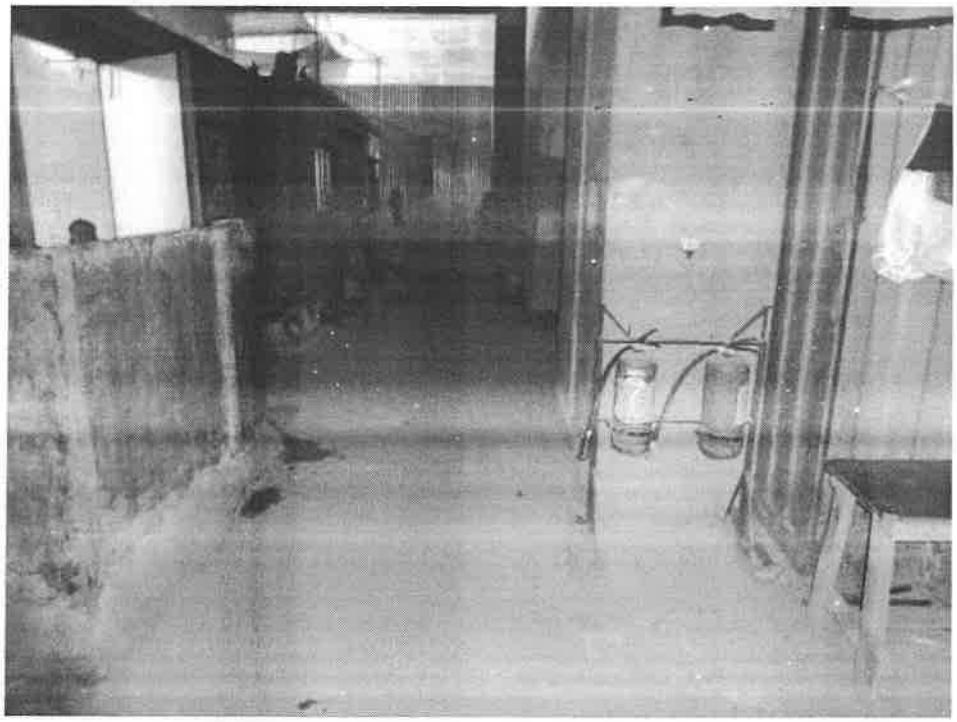
Cess Applicable	*Cess Paid*	*If Yes, UpTo*
No	No	Jan 1 1900 12:00:00:000AM

Legal Actions

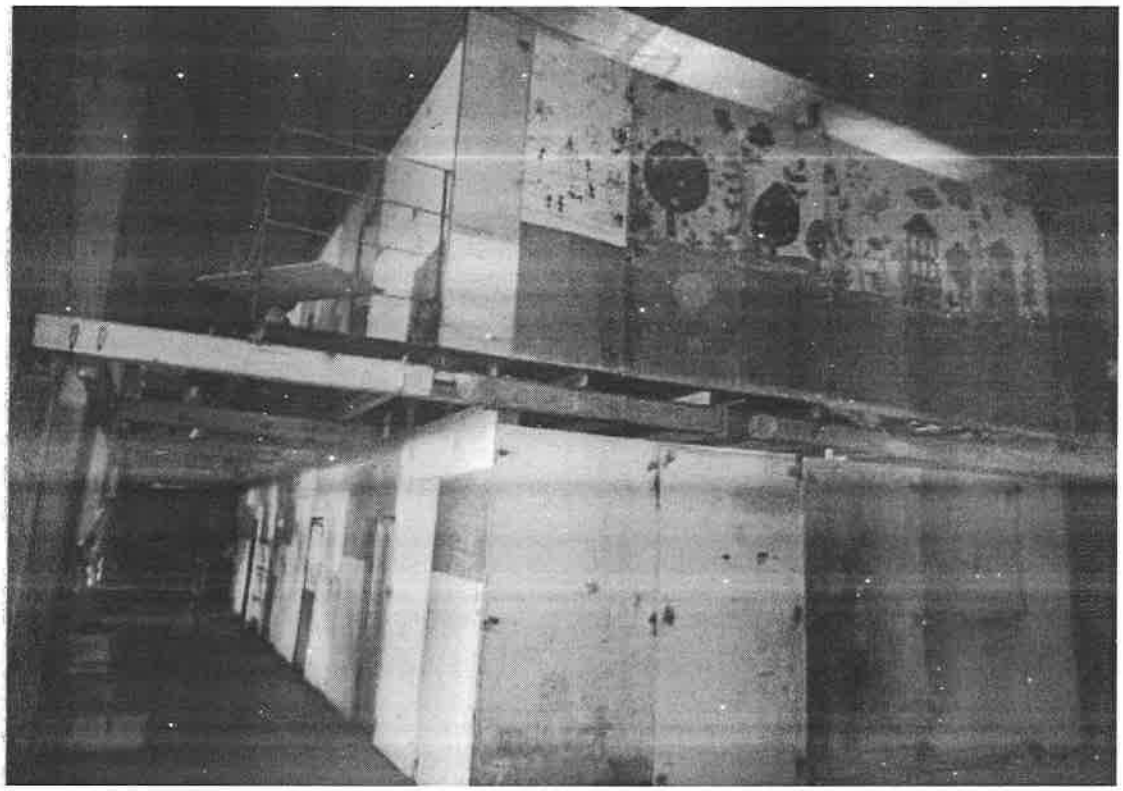
Legal Action Taken	*Legal Record Of Company*	*Legal Action Details*	*Remarks*
No			

Photographs of Labour camp

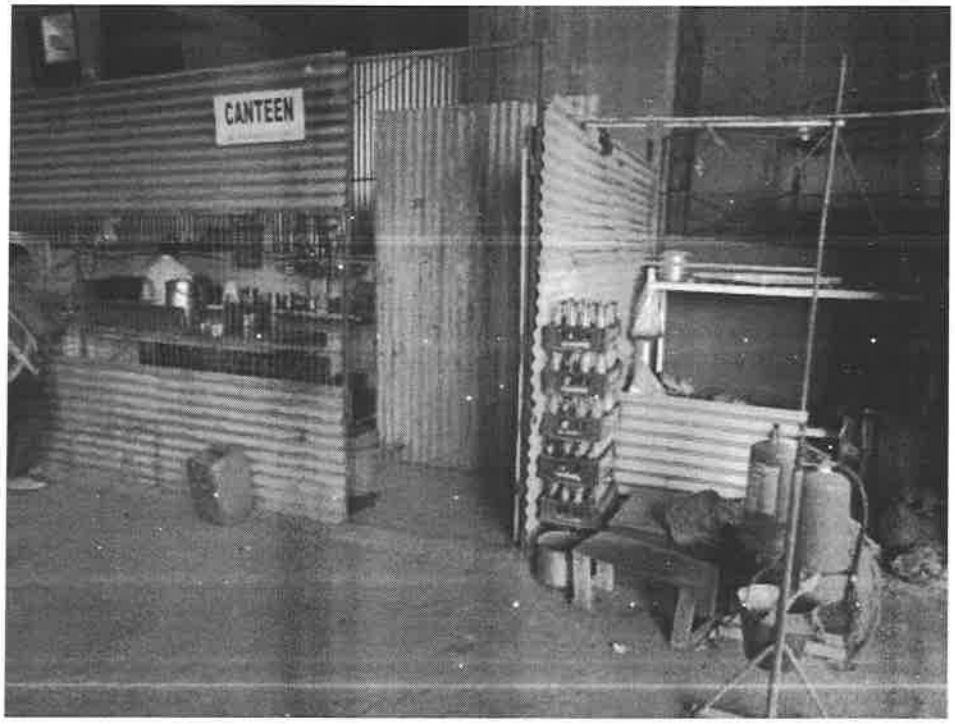
ANNEXURE IX



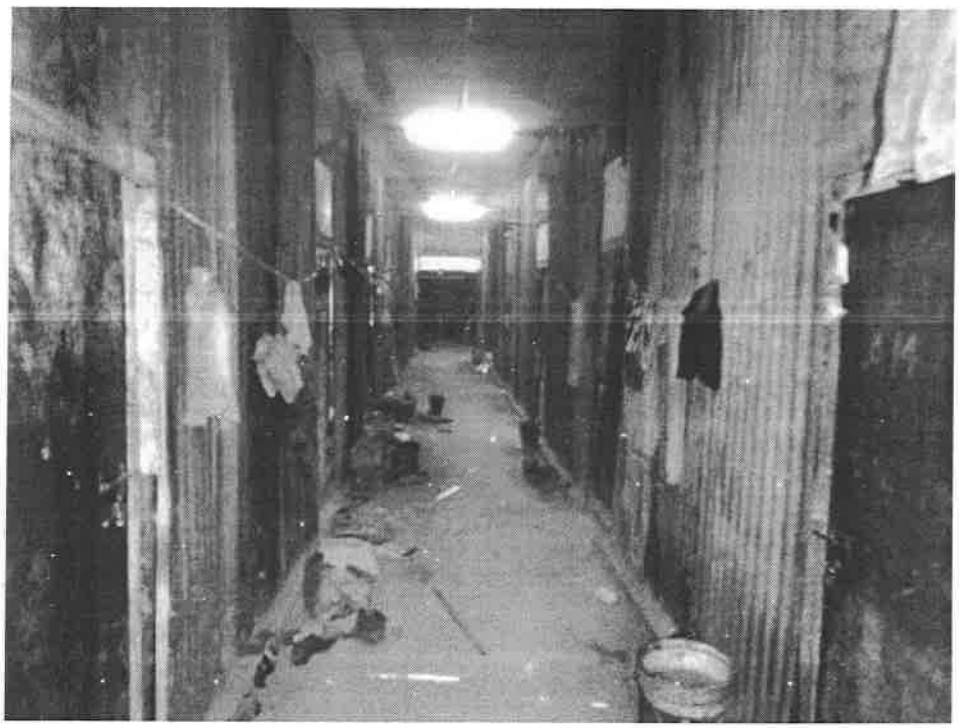
Photographs of Labour camp

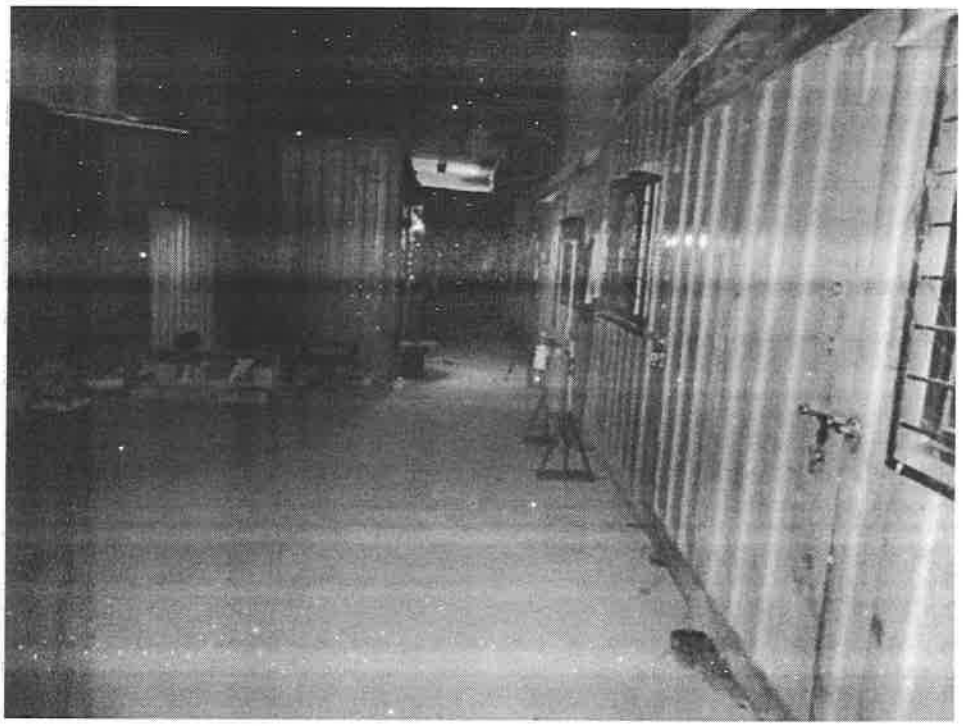


Photographs of Labour camp



Photographs of Labour camp





Annexure X

MUNICIPAL CORPORATION OF GREATER MUMBAI
(Solid Waste Management Department)

Office of Executive Engineer,
SWM SWM Zonal Office 2,

Application Number - EB/1105/GS/A/SWM/12/Amend, dated - 15 Jul 2021
Issued remarks Number **/008079/2021/G/S/CTY** Dated **15 Jul 2021.**

To (Architect / L.S),
KASTURI KEDAR PEWEKAR
Plot No. C-30, Block 'G', Opp. SIDBI, Bandra Kurla Complex, Bandra (East)

CC (Owner),
M/s. K Raheja Pvt.Ltd.
Raheja Tower,
Plot No. C-30,
Block 'G',
Next to Bank of Baroda, Bandra Kurla Complex, Bandra (E),
Mumbai-400051

Subject :- Approval to Construction & Demolition Waste Management Plan for the site at CTS/CS Number 2/1629,1A/1629 of village Lower Parel at ward G/South.

Reference :- Your application / online submission for C&D Waste Management Plan levelling & filling at designated site dtd. 15 Jul 2021.

With reference to your application/ online submission, the Debris Management Plan submitted by you has been approved as per "Construction and Demolition Waste Rules 2016" and you are allowed to transport Construction & Demolition/ Excavation Material from construction site to the unloading site subject to following terms & conditions.

1. This approval is subject to the orders given by Hon. Supreme Court u/no. in SLP (Civil) No. D23708/2017 dated 15.3.2018. You shall follow this order of Hon. Supreme Court and instructions therein.
2. You shall handle & transport **Construction & Demolition Waste / Excavation Material to the extent of 1200 Brass only to the designated unloading site M/s. Navi Mumbai SEZ Pvt. Ltd., Village Dronagiri, Taluka Uran, District Raigad, Navi Mumbai (Part - II).(Mr. Shabbir - 9322340359 shabbirtransport@gmail.com) & validity 23 Jun 2022.**
3. You shall transport the C&D waste with proper precautions and employ adequate measures safe guards to dispersal of particles through the air.
4. You have mentioned designated site for transportation of C&D waste for filling and levelling purpose. The C&D waste shall be transported and deposited at the designated site only The Landfill site (unloading site) shall be governed by the Construction and Demolition Waste Management Rules, 2016 and Solid Waste Management Rules, 2016.
5. In the event for any reason whatsoever, the consent given by the Designated Site / Agency is revoked or the time limit for the designated site has expired or the capacity of unloading site is exhausted. In such case the builder / developer shall forthwith stop the transportation
activities. The builder / developer shall submit revised Construction and Demolition waste management plan along with required valid documents for revalidation of existing C&D waste Management Plant.
6. The construction & Demolition Waste shall be transported through your Transport Contractor. The details of the same shall be uploaded in the system by the applicant at the time of actual transportation.
7. The deployed vehicles shall abide by all the R.T.O. rules and regulations. You shall ensure that the vehicles should be properly covered with tarpaulin or any other suitable material firmly to avoid any escape / fall of waste on road from moving vehicle. The body and wheels

shall be cleaned and washed thoroughly to avoid spreading of waste on road.

8. The copy of approved Construction and Demolition Management Plan Shall be accompanied with each and every vehicle under this approval. The developer shall issue the proper Challan for each and every trip of vehicles and that shall be acknowledged by the agency of unloading site. The developer shall maintain record of C&D material transported and shall make it available to MCGM and / or Monitoring Committee whenever required for inspection.
9. The approval is granted presuming that the papers submitted by the applicants / Owners are genuine. For any dispute arising out of documents submitted by applicant, POA / Occupant / Owner shall be held responsible as prescribed under the law prevailing in force.
10. The approval granted hereto does not absolve the other approval required from the other department of M.C.G.M. OR Govt. authorities.
11. In case of disputes, court matters etc. related to the subject site / land / property, this approval cannot be treated as a valid proof.
12. In case of any breach of condition is brought to the notice of MCGM or Monitoring Committee, Show Cause Notice will be issued and decision will be taken within one month as expeditiously as possible, which shall be binding on you / land owner.
13. This approval is not a permission for excavation or permission for dumping but this is the only approval under Construction & Demolition Waste Management Plan for the transportation of Construction & Demolition Waste for unloading at designated unloading site.
14. You / Land owner shall submit valid Bank Guarantee from the bankers approved by the MCGM and the amount applicable as per attached table. The bank guarantee remains valid till grant of Occupation Certificate (OCC).
15. The license architect / license engineer shall upload compliance report in respect of Construction & Demolition Waste Management Plan, any breach will entitle the cancellation of building permission and work will be liable to stop immediately.
16. (A) Project Total Estimated Qty (Brass) :29865
    (B) Obtained NOC(s) Total Qty (Brass): 29855

Note:

1. The above remarks are system generated based on the input data submitted by Architect / Consultant / L.S and if in future it is found that the data is incorrect / fraudulent then the remarks deemed to be treated as cancelled and necessary action will be initiated.
2. The above remarks are system generated and does not require any signatures.
3. This C & D approval is issued subject to obtaining valid IOD / CC. Actual transportation shall begin after obtaining valid IOD / CC only.

Annexure XII

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Form 4

See rules 6(5),13(8),16(6) and 20(2) of Hazardous and other wastes 2016

FORM FOR FILING ANNUAL RETURNS

[To be submitted to state pollution control board/pollution control committee by 30th June of every year for the preceeding period April to march]

Unique Application Number:
MPCB-HW_ANNUAL_RETURN-0000027475

Submitted On:
11-06-2022

Submitted for Year:
April 2021 to March 2022

1. Name of the generator/operator of facility
M/s. K Raheja Pvt. Ltd.

Address of the unit/facility
Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No. 249 & 249 A, 248 B of Worli estate scheme No. 52, Worli, Mumbai

1b. Authorization Number	***Date of issue***	***Date of validity of consent***
Format 1.0/BO/CAC-cell/UAN No. 0000028220/CE(Exp) & Amalgamation/ CAC-1808000657 dated 16.08.2018 & Format 1.0/CAC-CELL/UAN No. 0000076911/CE-1912000103 Dated. 04.12.2019 & Format 1.0/CAC-CELL/UAN N	Nov 11, 2020	Nov 10, 2025

2. Name of the authorised person
Mr. Vaibhav Samarth (General Manager - Engineering)

Full address of authorised person
M/s. K Raheja Pvt. Ltd Plot bearing CS No 2/1629 & 1A/1629 Of Lower Parel division, Plot No. 249 & 249 A, 248 B of Worli estate scheme No. 52, Worli, Mumbai

Telephone	***Fax***	***Email***
09167779454	02226564560	vsamarth@kraheja.com

3.Production during the year (product wise), wherever applicable

Product Type *	***Product Name ****	***Consented Quantity***	***Actual Quantity***	***UOM***
OTHERS	NA as project is for Residential tower building, Multi Storied Public Parking Lot building & Office Building. Residential Building	0.0000	0	--NA--

PART A: To be filled by hazardous waste generators

1. Total Quantity of waste generated category wise

Type of hazardous waste	***Wate Name***	***Consented Quantity***	***Quantity***	***UOM***
	Not Applicable	0.000	0	KL/Anum

2. Quantity dispatched category wise.

Type of Waste	***Quantity of waste***	***UOM***	***Dispatched to***	***Facility Name***
	0	KL/Anum	0	Not Applicable

3. Quantity Utilised in-house,If any

Type of Waste	***Name of Waste***	***Quantity of Waste***	***UOM***
	Not Applicable	0	KL/Anum

4. Quantity in storage at the end of the year

Type of Waste	***Name of Waste***	***Quantity of Waste***	***UOM***

Not Applicable	0	KL/Anum

PART B: To be filled bt Treatment,storage, and disposal facility operators

1.Total Quantity received	***UOM***	***State Name***
NA	KL/Anum	Maharashtra

2. Quantity in stock at the beginning of the year	***UOM***
NA	KL/Anum

3. Quantity treated	***UOM***
NA	KL/Anum

4. Quantity disposed in landfills as such and after treatment

Direct landfilling	***UOM***
NA	KL/Anum

Landfill after treatment	***UOM***
NA	KL/Anum

5. Quantity incinerated (if applicable)	***UOM***
NA	KL/Anum

6. Quantiry processed other than specified above	***UOM***
NA	KL/Anum

7. Quantity in storage at the end of the year.	***UOM***
NA	KL/Anum

PART C: To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year

Waste Name/Category	***Country Name***	***State Name***	***Quantity of waste received from domestic sources***	***Quantity of waste imported(If any)***	***Units***
NA	India	Maharashtra	NA	NA	KL/Anum

2. Quantity in stock at the beginning of the year

Waste Name/Category	***Quantity***	***UOM***
NA	NA	KL/Anum

3. Quantity of waste recycled or co-procesed or used

Name of Waste	***Type of Waste***	***Quantity***	***UOM***
NA	NA	NA	KL/Anum

4. Quantity of products dispatched (wherever applicable)

Name of product	***Quantity***	***UOM***
NA	NA	KL/Anum

5. Total quantity of waste generated

Waste name/category	***quantity***	***UOM***
NA	NA	KL/Anum

6. Total quantity of waste disposed

Waste name/category	***quantity***	***UOM***
NA	NA	KL/Anum

7. Total quantity of waste re-exported (If Applicable)

Waste name/category	***quantity***	***UOM***
NA	NA	KL/Anum

8. Quantity in storage at the end of the year

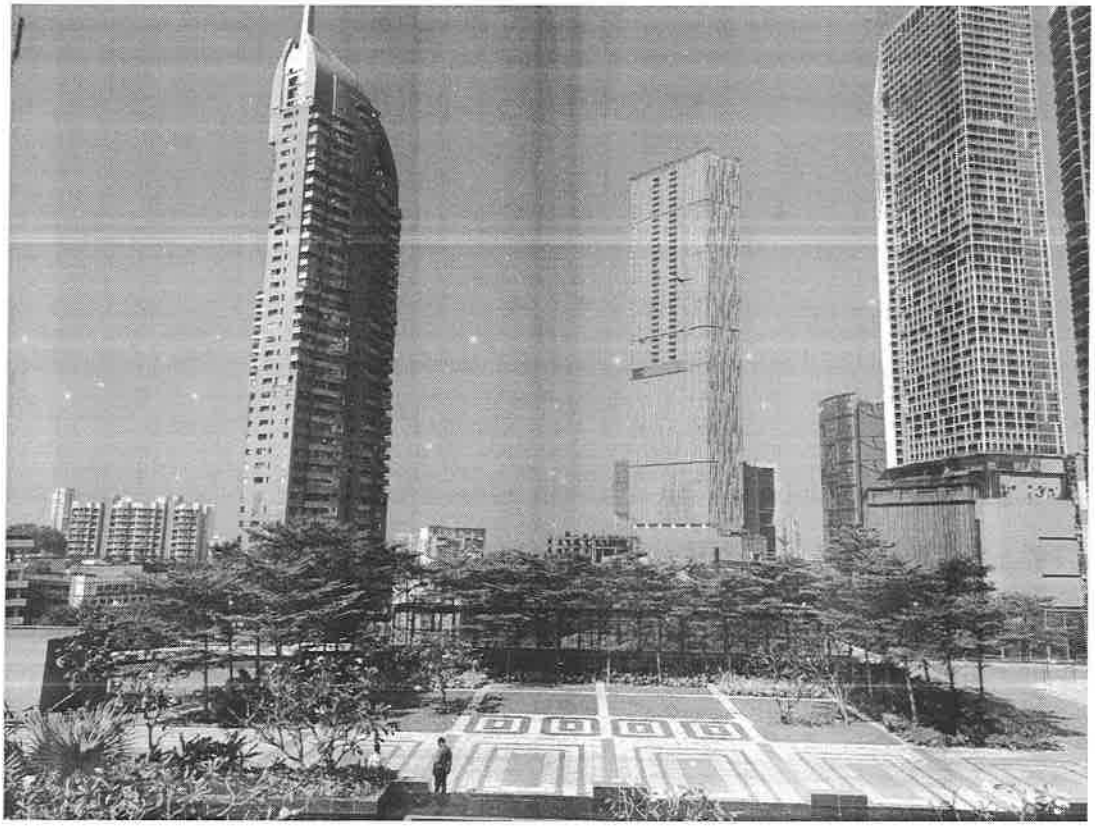
Waste name/category	***quantity***	***UOM***
NA	NA	KL/Anum

Personal Details

Place	***Date***	***Designation***
Mumbai	2022-06-11	General Manager - Engineering

Annexure XI

Photographs of Green belt



Photographs of Green belt

Annexure XIII

01	01/04/22	MH01DR0265	MH00402770002271	30 Apr 2020	4 Mar 2023	S.K. Transport	Hanif Khan			
02	01/04/22	MH01CV7391	MH00100300000241	14 Oct 2019	13 Oct 2020	Faizdous	Sonice			
03	02/04/22	MH01CR2760	MH04300800009 (7	26 Feb 2022	25 Feb 2023	Sazzu Truck	Damjan			
04	03/04/2022	MH43Y0234	MH04600500007736	26/02/22	2[illegible]/8/2022	Suman	shiv bahadur			
05	05/04/22	MH02FG1785	MH00201170002268	29/12/21	28/12/22	Jaiaram Jam	Pradam			
06	07/4/22	MH04JR6101	MH04800120016481	16/08/2018	15/09/21	om Sai Transport	Pintu yadav			
07	09/04/22	MH01BR1690	MH00100340002272	20/09/21	19/03/22	Shana Transport	Shabir			
08	12/04/22	MH03CV9919	MH04700630007039	11/12/21	10/12/22	Guru Gruha Transport	Sahadev			
09	13/04/22	MH01DR0265	MH00402770002271	30/4/2020	4/3/2023	S.K. Transport	Hanif			13/04
10	14/04/22	MH47Y3908	MH00201050002587	06/09/2018	27/11/2022	Pocldar Transport	Yogesh	Yogesh		14/04
11	16/4/22	MH01CV7391	MH00100001159	19/11/2021	18/11/2022	Saman Transport	Abzal			
12	18/4/22	[illegible]	[illegible]	16-11-2021	[illegible]	M. elias Transport	Roshan Ali			Roshan
13	20/4/22	MH01BR1841	MH00100300001531	25/03/22	24/03/23	Siya Transport	Ramzan			20/4/22
14	21/4/22	MH01DR2092	MH00300530005780	13/04/22	12/04/22	Shanaj Transport	Roufik			21/4/22
15	23/4/22	MH-08-AP-3814	MH-06-T002600002157	14/02/2022	13/02/2023	Dattalem Transport	A. Acutmalam			23/4/22
16	25/4/22	MH01-CV-7391	MH00100001159	16/oct/2019	Sep 2019	Firdoz Transport	Ibrahim			25/4/22
17	27/4/22	MH43BD0519	MH04010100082146	11/01/22	17/07/22	Jay Transport	Shivram			27/4/22
18	05/05/22	MH02FG	MH00201170002268	29/12/21	28/12/22	Jaiaram Trans	Pradam			

19	07/05/22	GJ 15AT 8691	MH04 8008 3611 2000	13/10/21	12/10/22	B.B.Block Tras.	MD. Hamid			
20	09/05/22	MH02FG 6472	New van.	-	-	Abbal Transport	Butto Shaikh	BHUTTO		
21	9/5/22	MH48 AG 0161	MH048 0012001 7013	19/9/15	19/8/22	Shradha Transport	Ritesh Jadav			
22	10/5/22	MH01 CV 3813	MH001005 7000 1411	13-2-19	13-1-23	Raju desai transport	Basir			
23	10/5/22	MH02 FG 4991	MH0080225 0000 132	2.3.22	2.3.23	DTBCD Transport	Ajit yadav			
24	11/5/22	MH47 D 4530	MH47021110000 725	2-10-21	2-10-23	Sang fransport	TKRAM			
25	11/05/22	MH03 CV 1289	MH2105 26 V38 42820	10 22	9 1 23	Spree Transport	Maynudolin			
26	12/5/22	MH02 FJ 2831	MH04 2004000 3813	12 3 22	3 23	Sudha Transport	Sadhu			
27	12/5/22	MH12 JL 2564	MH01400 93000 1804	4 2 22	2 23	Sudhen Transport	Laxman			
28	13/5/22	MH04 HY 2262	MH001005 0000 1781	15/2/22	14/2/23	Chandrika Transport	Shiv prasad			
29	14/5/22	MH03 CP 3875	MH00300910 008879	5/3/22	4/3/22	Sol transport	Dhanlal			
30	14/5/22	MH02 ER 1412	MH47011300025 04 5	20-10-21	19-10-22	Sajjad transport	Sajid			
31	15/5/22	MH47 Y 9660	MH04200 13000 5721	14-10-21	13-10-22	Ranjan transport	Kawtrik			
32	15/5/22	MH03 CV 8183	MH003008 3149	27-9-21	26-9-22	S.S.K Transport	Vijay Kamble			
33	16/5/22	MH04 HY 2810	MH001005 7000 1671	15-4-22	14-4-23	Jaya foreign Cars	Ramesh			
34	17/5/21	MH01 CR 9414	MH0010007 0006 843	23-7-21	23-7-22	A.S. Enterprises	RAJU			
35	18/5/22	MH47 E 0856	MH47 0116000 4200	13-9-21	14-9-22	Nawaskar Travels	Abdul Karim			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Travels	Sunil Kumar			

37	19/5/22	MH02 CE 5346	MH002009900 3734	21-12-21	29-6-22	Nook Ent	Ram Sevak			
38	19/5/22	MH05 EL 1990	MH00301220 0 79126	29-04-22	20-4-23	Raj Trading	Ram Rake	3 MH24CK7D		
39	20/5/22	MH01 CR 4164	MH047006 00071 24	23-12-21	22-12-22	Anita Prop Sam	RAJU			
40	23/05/22	MH01CR 1680	MH0010084 00024 72	20/01/22	19/01/23	Shano Transport	Shabir			
41	23/5/22	MH01 CV 6015	MH001000700 08306	11/2/22	10/2/23	Kapur Transport	Kapurchand			
42	24/5/22	MH01 DR 2189	MH004013700 7240	17-11-21	16-11-22	Shweta Transport	Sada Chech			
43	25/05/22	MH01CR 2760	MH0430088000 967	25Feb22	25Feb23	Sam Transport	Ramjan			
44	27-05-2022	MH48-AG 4627	MH0021000003383	28-02-2022	07-03-2022	Priya Transport	Vinod Kumar Shelke	Vinod		
45	28/05/22	MH01 CR 5527	MH004006 3 00060 31	17/5/22	16/5/23	GNARAJ TRASPORT	Deepak Bolde			
46	29/5/21	MH02 CR 8544	MH047006500 0 2783	10-1-22	9-1-23	Mukta Transport	Mukta			
47	-11-	MH02 FG 3478	MH048013 6 0004326	4.5.22	3.5.23	Suro Transport	SURAJ			
48	30/5/22	MH48 AG 4152	MH047000 4000 2881	4/01/22	3/01/23	c bhagiarth Transport	Anil. Zaa			

49	30/5/22	MH-04-KU 5578	MH002009800242222	01-04-2022	31-03-2023	Sachin Transport	Sachin	Sachin		
50	02/06/22	MH01CV 8491	MH003009100043772	20/05/2021	20/05/22	Mauli Transport	Sukhdev	SU		
51	02/06/22	MH02BC 0173	MH002017000175	20/09/2021	19/03/22	KGN Transport	Zakir			02/06/22
52	02/06/22	MH01CV 6975	MH001001600032	20/09/2021	19/09/22	Deasai Trans.	Bharat			
53	03/06/22	MH43 BG 4496	MH04 70086000 2388	4-3-22	3-3-23	Yadav Transport	Pinta			03/06/22
54	4/6/22	MH01CV 4394	MH001012200294	01-01/22	31/12/22	MRL Transport	Shamshudin			04/06/22
55	06/6/22	MH04KA 2924	MH001012000247	25/02/22	24/02/22	RVM Transport	Bharat			
56	08/06/22	MH01CV 8504	MH001003000091	6/7/2021	6/7/2022	Jilani Transport	Suresh			08/06/22
57	09/06/22	MH43BB 0579	MH004010700081	18/01/22	17/7/2022	Shivam Transport	Ramanand			09/06/22
58	9/6/22	MH11BL 592	MH001013200027	14/03/22	13/09/22	Taidev Transport	Sukhdev	SU		09/06/22
59	10/6/22	MH03 CV0409	MH003004700002 208	23-9-21	22-9-22	Highlight Trans	Malabhad			
60	11/06/22	MH01CV 3813	MH001005700014 11	13/1/22	12/01/23	Raju Desi Tran	Basir			

61	13/06/22	MH01CR 1680	MH00100842000 2472	20/01/22	19/01/23	Shana Transport	shabir			
62	14/06/22	MH-48 BM-9862	MH-00100570001654	09/04/22	08/04/23	pawan kumar Service	pawan			
63	14/6/22	MH-47-BP 0356	MH-00100720001722	19-01-2022	17-01-2023	[illegible] Transport	[illegible]			
64	15/06/22	MH01CR 4968	MH00100720003163	2/09/21	1/09/22	Sharma Transport	Mukesh			15/6/22
65	16/06/22	MH01CR 1680	MH00100842000 2472	20/01/22	19/01/23	Shana Transport	Shabir			17/06/22
66	17/06/22	MH04HD 1335	MH00100070008910	15/05/22	15/01/22	Arvind Transport	Arvind			
67	19/6/22	MH 11 BL9152	MH00101 32 0022797	14/8/22	13/9/22	Sinde tempu Service	Rabindra Singh			
68	21/6/22	MH04 GR3904	MH00100016 0002806	20-6-22	19-6-23	Shiv Sahi Transport	Gulab			21/06/22
69	23/06/22	MH50N 0582	MH00100070009014	06/06/22	05/06/2023	Pawar Transport	Dipak Pawar			
70	27/6/22	MH01F 9094	MH00100 57000 1911	13/02/22	12/02/23	[illegible]	Maksud			27/06/22
71	28/06/22	MH01CV[illegible]	MH00100936008[illegible]	2/2/2022	1/2/2023	Bharat Transport	Bharat			
72	28/06/22	MH43BG531	MH04701490002881	16/3/2022	15/03/2022	Shaikh Transport	Shafik			28/06/22
73	29/6/22	MH09S 9134	MH04200240012 156	11/1/21	10/1/23	Shivsakti T	Tukaram			
74	30/6/22	MH43 BK9293	MH04031 1 20001245	23/9/20	22/9/21	Ekvira Transport	Vinod			

79	1 7/22	MH04 HY8130	MH002000 99500 3849	1/5/22	31/4/23	Honest T	Sheized	Sabir		
76	04/07/22	MH02ER 7422	MH002001100129 19	5/1/22	4/1/2023	Kartikba Transport	~~Sabay~~ Shivaji	Shreyas		
77	06/7/22	MH01CR 1680	MH001000 84000 2472	20/01/22	19/01/23	Shanta Transport	Shabir			
78	8 7/22	MH01CV 3813	MH001005 2000 1411	13/02/22	12/02/23	Rasu Deccai Transport	Basir	4792		15/07/22
79	11/07/22	MH01DR 2189	MH004013 2000 7240	17/11/21	16/11/22	Sadan Transport	Sada	RTT		
80	13/07/22	MH04EC 0173	MH00 2011 7000 1754	19/03/22	18/03/23	KGN Transport	Zakir			
81	15/07/22	MH01CR 4964	MH04 7006 6000 7124	22/12/22	21/12/23	Arari Temposers	Raju			17/7/22
82	18/07/22	MH03CD 1333	MH003003800009 19	1/12/2021	30/11/2022	S R Temposers	Shravan			
83	19/1/22	MH 43 BX0544	MH048007 5000 6878	18/5/22	17/5/23	Bilteek Aska Trading	Paramhans			
84	20/07/22	MH04 RU-1399	MH046001600 3428	15/09/	07/22	Netco Transport	Maqbool			
85	23/07/22	MH01CV 4006	MH004013001057 4	9/02/22	8/2/22	Suyash Transport	Raju			
86	25/07/22	MH05EL 1990	MH003012200 79126	21/04/22	20/04/23	Ras Trading	Rajesh	RTT		

87	27/7/22	MH01 CR9902	MH00100300000 1493	12/3/22	11/3/23	Sadhna Transport	Mohmmad AAN			
~~88~~ 88	29/07/22	MH04 S6843	—	20/06/21	30/7/22	SVR Transport	Mahesh.			
89	30/7/22	MH02 CE5928	MH 0030200 0000041	18/7/22	14/7/23	Ishika Transport	Sarvesh			
90	1/08/22	MH02 CR6004	MH02200 23000 10551	8/7/22	07/07/23	R K Transport	Pannalal yadav			
91	2/8/22	MH02 ER7665	MH00 40279000 1051	18/11/21	17/11/22	Protor.	Maheesh chan			
92	2/8/22	MH48 BM9636	MH40132 9134 0018 77	30/12/21	29/12/22	Hanoon Transport	IRFAN			
93	3/8/22	MH04 JU2172	MH00400 8500111133	03/12/21	21/12/22	Bharat Stage transport	Tulshiram			
94	4/8/22	MH50 8437	MH00100072000 8335	23/02/22	22/2/23	Pawar Transport	Sandeep pawar			
95	4/8/22	MH01 CR7875	MH00020117 0002410	14/1/22	13/1/23	Jay shree Bus Transport	Prem Sangmesh			
96	5/8/22	MH01 CR 7875	MH00020117000 2410	14/1/22	13/1/23	Jay Shree	Prem sing.			
97	6/8/22	MH43 BD 2719	MH00302200002719	14/07/22	13/11/22	Raju Transport	Ranjan			
98	7/8/22	MH48 AG 1389	MH04800098000 2636	15/02/22	14/02/23	Sandeep Trans	Ramchandra			

99	7/08/22	MH04 JU5183	MH00201100 001042	19/7/22	18/07/23	Ramraj Transport	RAMRAJ		
100	8/08/22	MH01CV 7690	MH01000700 [illegible]	8/8/2021	7/8/22	Dilip Trans	Dilip		
101	9/08/22	MH01CV 4393	MH001007000987	22/10/21	21/10/22	Jay Transport	Babusav		
102	9/08/22	MH03 CY0709	MH04000006 30000050 66	05/02/22	04/02/22	Jaicw or Tempo	Suresh Gupta		
103	12/08/22	MH48M 9862	MH-0010057 0001654	9/04/22	8/04/23	Pawan Tempos.	Pawan		
104	18/08/22	MH01CV 4394	MH0010122000 2044	01/01/22	31/12/22	HRL Transport	Shamshudin		
105	15/08/22	MH03 CV9880	MH04201300 05570	15/2/22	14/2/23	Classi Transport	[illegible] Khan		
106	15/08/22	MH01DR 7646	[illegible] 635	02-05-2021	01-05-2022	Mukit Trans Pvt	Dharam raj		
107	16/08/22	MH04GR 5886	MH0030200000 52	15/07/22	14/7/2023	Riya Transport	Sambhaji		
108	17/08/22	MH01DR 3985	MH001000 132502534	22/10/2021	11/01/22	Firoj Transport	Firoj		
109	17/08/22	MH04 Y4084	MH047016 66065951	17/03/22	18/03/23	Muskan Tempo Trans	Sanjay Kr		
110	18/08/22	MH01 BR1324	MH04700 0400040 17	16/04/22	15/10/2022	Sandeep Transport	Samay		

111	18/08/22	MH04 HY 3954	MH04170130006303	27/3/22	26/3/23	KGN Tempo Sen	Manwar		
112	19/08/22	MH03 DV-0544	MH00101230077	21/01/2022	20/01/2023	Amir Transport	Ramesh Dhar		
113	19/08/22	MH01 CR 6895	MH00101320002604	13/02/2022 12	12/02/2025	Raj Transport	Raj Bhai		
115	20/08/22	MH46 AR 5327	MH00300810000 3500	08/07/22	07/11/23	Navnath Tanga	Israil		ISRAIL
115	21/08/22	MH11 CH 6039	MH04800660001336	26/09/21	25/09/22	Nilesh Tempo	Nilesh		
116	21/08/22	MH04 JU 0075	MH00300039000 5083	18/7/22	17/7/23	Sathery Tempo Sen	Vaibhav	Vaibhav	
117	22/08/22	MH02 ER 9424	MH21020V044452	16/09/2021	26/09/2021	Mustfa Transport	Gulam	Gulam	
118	22/08/22	MH47 AS 3263	MH04200530001000	10/06/201	12/01/2021	Bharat Transport	Shivam		
119	23/08/22	MH13 BB 9007	MH04301120003067	22/03/22	21/09/22	Eknath Transport	Vinod	Vinod	
120	24/08/22	MH01 CR 2129	MH00101120005836	03/05/22	02/02/22	Vijay playwood	Babu Ramjadu	Babu Ramjadu	
121	26/08/22	MH04GR 5886	MH06302000000052	15/07/22	14/01/23	Hanty Transport	Shakil		
122	29/08/22	MH04FP 2022	MH00401100026649	19/04/22	18/10/22	Ganesh Transport	Ramdas		

123	31/08/22	MH43AD 5340	MH0302280002919	14/05/22	13/11/22	Shahana Transport	Shamsher khan		
124	01/09/22	MH02 ER7422	MH00200100 128119	05/01/22	04/01/23	Siddrath travel	Raju Devrao		
125	02/09/22	GJ 31 T4076	GJ03100270 009096	21/08/22	20/08/23	Sound Roadline	Ibrahim		
126	02/09/22	MH46 PB2896	MH0432100 0000909	19/10/22	18/10/23	A.S Planing T	Nadim Sheik		
127	03/09/22	MH01 DR3650	MH0020131 0000399	01/05/22	30/04/22	Ramprakash T	Ram prakash		
128	03/09/22	MH04 HB6743	MH0020126 0000885	31/03/22	29/09/22	A.K Transport	Ravi passvon		
129	04/09/22	MH01 BR1	MH0060100056 48	01-10-2021	03-10-2022	Pickthy Trans Port	Pickthy		
130	05/09/22	MH04 KT9912	MH0040009 0006630	24/02/21	23/02/22	S.K.Y Transal	Uttam Rajput		
131	05/09/22	MH01 BR2207	MH0020106 0002290	08/08/22	07/08/23	Lilas Nail T	Pankaj Kure		
131	06/09/22	MH01 CR4836	MH0480066 0001440	30/09/22	29/09/22	Income T.	Ganesh shelar		