K. Raheja Private Limited

K RAHEJA
CORP

Ref: KRPL/2021/02
Date: 23rd November 2021

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 2021 – September 2021

Ref.: Environmental Clearance Letter granted for a Proposed Composite Building with Residential wing and a Municipal Parking Lot at C.S. Nos. 2/1629 Of Lower Parel Division, Plot No. 249 And 249 A, of Worli Estate Scheme No. 52, G/South Ward, 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 & Amendment in Environmental Clearance by Environment Department, Government of Maharashtra vide clearance letter 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

Dear Sir,

With reference to the above, we are submitting six monthly Environmental Clearance Compliance Status Report for the months April 2021 – September 2021 along with the relevant document needed for the submission as mentioned below

- Data sheet
- Compliance Status report
- Post Monitoring Report (April 2021 – September 2021)

Hope the above is in compliance with your requirement.

Thanking You,
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.
- The Secretary, Environment Department, Room No. 217, 2nd Floor, Mantralaya Annexe, Mumbai – 400 032.
- 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 Building & Commercial Building with Multi Storied Public Parking Lot 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
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 Building & Commercial Building with Multi Storied Public Parking Lot
	(b) Of Environmental Management Plans	:	1) Implementation of Rainwater harvesting. 2) OWC will be installed within the layout. 3) Fly Ash is proposed to be used in the 4) Ready-Mix Concrete. 5) Implementation of Sewage Treatment Plant. 6) Development of Recreational Ground
7.	Break-up of the project area		Plot Area -20117.24 m^2 Total BUA- 178767.03 m^2

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	(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-1019 Cr
	(b) Allocation made for environmental management plans with item wise and year wise break-up.	:	Construction Phase- Budget Allocation

Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	20
Noise Environment	Noise Barricades and Green Belt Developments	8
Water Environment	Modular STP, Drainage with sedimentation tanks	6
Land Environment	Site Sanitation & Health Care	1
Environment Monitoring	Air, water, noise soil monitoring during construction phase	1.5

			EHS: Disinfection & Health Care: 3 Operation Phase: Budget Allocation **Description** / **Capital Cost Rsin Lacs** / **Operational & Maintenance cost (Rs in Lacs / yr)** OWC: 15 / 3 STP: 90 / 15 RHW tanks and pits: 15 / 0.75 Solar and LED: 120 / 6 Greenbelt: 120 / 24
	(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. 706.32 Cr
	(f) Actual expenditure incurred on the environmental management plans so far	:	Rs 3.21 Cr
10.	Forest land requirement.	:	The land is a non-forest land
	(a) The status of approval for diversion of forest land for non-forestry use	:	Not applicable.
	(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. HSBC: Basement 1 slab Casting in progress.
	a) Date of commencement (Actual and / or	:	Date of Commencement-02/03/2008

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	planned)		
	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 2021 – September 2021 (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

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)
To	M/s. K Raheja Private Ltd.
For	Residential Building & Commercial Building with Multi Storied Public Parking Lot on Plot bearing Survey No. 2/1629 of Lower Parel division, Plot No. 249, 249 A and 248 B of Worli Scheme no. 52, G/South Ward, 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 Certificates enclosed as Annexure III

SPECIFIC CONDITION

Sr. No.	Conditions	Reply
I.	**PP to submit & upload EC compliance report, as discussed in the meeting.**	Complied. Regular PMR is submitted. RO certificates have been received dated 26.11.2018.
II.	**PP to submit the structural stability certificate with load calculations as per NBC.**	Structural stability certificate submitted. Copy of the same is enclosed as Annexure IV.
III.	**PP to submit & upload HRC NoC**	HRC NOC is received vide letter CHE/HRB678/DPWS dated 08.03.2017 for the height 227.30 m. Copy of the same is enclosed as Annexure V.
IV.	**PP to submit & upload wind analysis, shadow analysis, traffic analysis, light and ventilation analysis and measures to reduce heat island effect.**	Complied
V.	**PP to submit detail calculation & plan for STP, OWC.**	Complied
VI.	**PP to provide E-waste, Plastic waste transits store.**	Complied
VII.	**PP to submit comparative statement regarding assessment of Environment**	Complied

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	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.**	It will be done as per Circular CER-As per the OM vide letter F. No. 22-65/2017-IA-III dated 1st May, 2018.
IX.	**PP to also refer standard ToR published by MoEF vide order dated 10/04/15 in addition to above.**	Complied
X.	**It is noted that representative of PP not submitted the authority letter. PP to submit the same along with copy of company resolution.**	Complied
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.**	Architect certificate submitted. Copy of the same is enclosed as Annexure VI
XII.	**Structural Engineer & design engineer to remain present for meeting to explain the proposal in detail**	Structural engineer was present in the meeting
XIII.	**PP to upload the copy of HRC NoC**	Complied
XIV.	**PP to upload the copy of revised CFO NoC (for Commercial building)**	Complied
XV.	**Local planning authority to ensure the structural stability of building for which vertical expansion is proposed before granting CC.**	Structural stability certificate submitted & the same will be shared during OC. OC for Residential Building obtained.
XVI.	**PP to ensure that minimum 40% area of proposed STP tanks should be open to sky for adequate ventilation.**	Complied
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.**	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.
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.**	CER was earlier included as per MoEF & Circular Dated 01/05/2018. However, we have now been informed that the said **'MoEF & 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

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		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.
XIX.	**PP to submit CER plan to Municipal Commissioner/District Collector and submit the acknowledgement to Member Secretary, SEIAA.**	CER was earlier included as per MoEF & Circular Dated 01/05/2018. However, we have now been informed that the said **'MoEF & 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.
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.**	Complied
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)**	Noted
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 2020-2021 has been submitted. Copy of the same is enclosed has as Annexure VII

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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.
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.**	As per ESZ notification dated 14th October'21, our project does not come under ESZ area of Flamingo Sanctuary.
iv.	**PP has to abide by the conditions stipulated by SEAC& SEIAA.**	The said condition is complied.
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 approved height is 223.4 mt from general ground lvl. • Total BUA is 1,78,767.03 sq.m • FSI area is 65,714.20 sq.m • Non FSI area is 1,13,052.83 sq.m The project is as per rules and regulations of local body. The approved Lay out is attached as Annexure – VIII.
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 obtained vide letter No. – 1. Consent No. BO/RO (P&P)/648 dated 28/09/2006. Annexure –IX (A) 2. Consent No. BO/RO(HQ)/CO/CAC-323 dated 28/02/2012 Annexure –IX (B) 3. BO/CAC-cell/CE (Reval)/CAC-1702000695 dated 14/02/2017 Annexure –IX (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 06.08.2018 Annexure – IX (D)

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		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 IX (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 IX (F) 7. Consent to Establish Expansion vide no. Format. 1.0/CAC-CELL/UAN No. 0000092970/CE - 2011000702 dated 11.11.2020
vii.	**All required sanitary & hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.**	Care is taken for sanitary and hygienic measures for workers during construction phase and the same will be maintained. ✓ Water is sprinkled to reduce dust emission. ✓ Barriers are erected to reduce impact to surrounding areas. ✓ Use of face mask to avoid inhalation of dust particles ✓ Accumulation of stagnant water is avoided to prevent breeding of mosquitoes ✓ Noise generating activities are carried out only during daytime. ✓ Workers are provided with earmuffs/ear plugs.
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.**	The prime source of water in construction phase is BMC water which is safe and adequate drinking water. Also, other sanitary facilities in term of toilets and solid waste management are available on site. The construction debris is being disposed to the filling site as approved by BMC and SWM permission has been taken. Photographs of labor facility are enclosed as Annexure – X.
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.**	• The wet waste generated is handed over to MSW facility. • Construction waste: Steel waste is eliminated by use of couplers. • Empty drums of plasticizers/ retarders are taken by main suppliers. • Wastage of sand will be used for backfilling

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		and filler material for leveling of internal roads and pavements.
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. 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 STP details: • Residential -150 KLD of SBR technology • MPPL- 10 KLD of MBBR Technology • Commercial wing A & Residential wing B - 45 KLD of MBBR technology
xii.	**All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site.**	Topsoil was not stored as there was existing structure at site.
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.**	Details of Green belt are as follows: RG area proposed: 5811.61 sq. m. out of which RG area on podium is 4502.07 sq. m. RG area on mother earth on plot bearing C/S no. 1A/1629 = 1309.54 sq.m. Native trees are proposed.
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**	There is no generation of bituminous material at site till date and if generated will be

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	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.	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 2020-2021 enclosed as Annexure XI.
xviii.	**The diesel generator set to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.**	Presently Diesel generator is not used, construction power available.
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-XII.
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 done April 2021–September 2021. 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**	Fly Ash is used in the Ready-Mix Concrete for construction. Fly ash used in RMC till date: 13,643 MT in RMC.

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	Stations).	
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. Recharge pits in PPL. RWH tank provided in Residential building. Annexure XIII
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.
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.
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: • Residential -150 KLD of SBR technology • MPPL- 10 KLD of MBBR Technology • Commercial wing A & Residential wing B - 45 KLD of MBBR technology 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 150 CMD for Residential building is installed. Photograph of STP 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.
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.

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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 will be using high performance glass with low E value and low SHGC coefficient. Energy modeling exercise is conducted to determine the insulation level acceptable as per the code.
xxxii.	**Roof should meet the prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.**	Over deck roof insulation will meet ECBC 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 is 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 X1No. • 250 kVA X 2Nos. DG of 500 KVA with acoustic enclosure provided in PPL. DG of 250 KVA x 2 nos with acoustic enclosure provided in PPL.
xxxv.	**Noise should be controlled to ensure that it does not exceed the prescribed standards. During nighttime the noise**	Noise level is maintained within prescribed standards regular noise monitoring is carried out. Please refer monitoring report attached.

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	levels measured at the boundary of the building shall restricted to permissible levels to comply with the prevalent regulations.	Please refer Noise monitoring done monthly from April 2021 – September 2021.
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.
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, Bhopal 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**	Yes, all the facilities will be in place prior to occupation of building. Green belt photographs are enclosed as **Annexure XV**

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	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 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 in landscaping.
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.**	Yes, Breakup of Environmental Management Plan is as given below: Construction Phase:

Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
Air Environment	Water Sprinkling, Green Belt Development, Covered storage area	20
Noise Environment	Noise Barricades and	8

K. RAHEJA PVT. LTD.

	Green Belt Developments	
Water Environment	Modular STP, Drainage with sedimentation tanks	6
Land Environment	Site Sanitation & Health Care	1
Environment Monitoring	Air, water, noise soil monitoring during construction phase	1.5
EHS	Disinfection & Health Care	3

Operation Phase:

Description	Capital Cost Rs. in Lacs	Operational & Maintenance cost (Rs in Lacs / yr)
OWC	15	3
STP	90	15
RHW tanks and pits	15	0.75
Solar and LED	120	6
Greenbelt	120	24

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 and may also be seen at website at** http://envis.maharashtra.gov.in.	Yes, we had published advertisement in two local newspapers, copy of same is attached as **Annexure XVI**
l.	**Project management should submit half yearly compliance reports in**	Yes, we submit half yearly compliance report regularly.

K. RAHEJA PVT. LTD.

	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.	
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.
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.
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 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.**	Environmental Statement for year 2020-2021 enclosed as Annexure XVII

K. RAHEJA PVT. LTD.

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	Structural Safety Certificate
5.	Annexure V	High Rise NOC
6.	Annexure VI	Architect Certificate
7.	Annexure VII	E-Waste Return
8.	Annexure VIII	Approved Layout Plan
9.	Annexure IX	Consent Copies / Consent Application
10.	Annexure X	Photographs of Labour Colony
11.	Annexure XI	Hazardous Waste Returns
12.	Annexure XII	PUC Certificate
13.	Annexure XIII	SWD NOC
14.	Annexure XIV	Photographs of STP
15.	Annexure XV	Photographs of Greenbelt
16.	Annexure XVI	Advertisement copies
17.	Annexure XVII	Environmental Statement

Ambient Air Quality Test Report

Ref. No.: AESPL/LAB/A- 21/05/28 **Issue Date:** 20/05/2021

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- 21/05/28	
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	:	13/05/2021	
Start Time of sampling	:	09:15 hrs	
Sampling period	:	8 hrs	
Date of sample receipt	:	14/05/2021	
Date of sample analysis	:	14/05/2021–20/05/2021	
Environmental condition	:	Climate clear	Ambient temp. 32°C
Monitored & transported by	:	AESPL Consultancy Division	
Sampling equipment	:	Air Sampler RDS-I-10 & FDS-I-10	
Calibration status	:	Calibrated on 01/01/2021 Calibration due on 31/12/2021	
Project/ Job number	:	PO 4800142046 dt 03.12.2020	
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	16.4	80 *	µg/m³	IS 5182 (Part 2) RA2017
2.	NO_2	23.5	80 *	µg/m³	IS 5182 (Part 6) RA2017
3.	PM_{10}	64.5	100 *	µg/m³	IS 5182 (Part 23) RA2017
4.	$PM_{2.5}$	21.3	60 *	µg/m³	IS 5182 (Part 24) 2019
5.	CO	0.39	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; [***] annually 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.

Chetan A Kadam
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&OHSAS 18001:2007**
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-21/05/34 **Report Date:**20/05/2021

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	:	13/05/2021
Date of receipt	:	14/05/2021
Date of analysis	:	14/05/2021
Environmental condition	:	Ambient temperature 32°C
Monitored & transported by	:	AESPL Consultancy Division
Project/ Job number	:	4800142046 dt 03.12.2020
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 -1– 750 KVA
Fuel used	:	HSD
Stack diameter (m)	:	0.35
Cross-sectional area (m^2)	:	0.0962
Stack height (m)	:	3.0
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 23/10/2020, Calibration due on 22/10/2021

Emission Details

Parameter	Result	Limiting Standard as per consent
Gas Temperature (°C)	72	--
Gas velocity (m/s)	12.27	--
Gas flow rate (Nm^3/hr)	3669.83	--
TPM (mg/Nm^3)	45.9	150
Sulphur Dioxide (kg/d)	2.82	--

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
3. Above all parameters are presently not covered under NABL scope

Chetan A Kadam
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

Ambient Noise Quality Test Report

Ref: AESPL/LAB/N-21/05/36 **Report Date:** 20/05/2021

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	:	13/05/2021	
Environmental condition	:	Climate clear	Ambient temp. 32°C
Monitored & transported by	:	AESPL Consultancy Division	
Project/ Job number	:	PO 4800142046 dt 03.12.2020	
Reference of sampling	:	AESPL/LAB/F/G-31	
Method of sampling	:	IS 9989: RA 2014	
Instrument used	:	Noise meter - Centre C-390 SL-I-12	
Calibration status	:	Calibrated on25/12/2020, Calibration due on 24/12/2021	

Sr. No.	**Location**	**Noise Level dB(A) Leq**	
		Day Time	**Night Time**
1.	Near Engineering Office P-1 level	62.3	57.8
2.	PPL Gate	63.5	59.7
3.	Gate number-3	62.7	59.8
4.	P-5 level labor colony	61.8	57.9
5.	Neelam Centre corner – E (Back side)	63.4	58.6
6.	52 Chawl Corner - E	62.9	59.5
7.	52 Chawl Corner - W	62.5	59.4
Standard as per EP Act for Industrial Area		**75**	**70**

Remark: 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.

Chetan A Kadam
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

DG Noise Quality Test Report

Ref: AESPL/LAB/N-21/05/37 **Report Date:** 20/05/2021

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	:	13/05/2021	
Environmental condition	:	Climate clear	Ambient temp. 32°C
Monitored & transported by	:	AESPL Consultancy Division	
Project/ Job number	:	PO 4800142046 dt 03.12.2020	
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02	
Method of sampling	:	IS 4758 RA:2002	
Instrument used	:	Noise meter - Centre C-390 SL-I-12	
Calibration status	:	Calibrated on25/12/2020 Calibration due on 24/12/2021	

DG-1-750 KVA	**Sound Pressure Level dB(A)**			
Details	**East**	**West**	**South**	**North**
door closed	73.3	72.8	73.7	74.1
door opened	98.5	97.9	98.9	99.3

- DG set Sound Pressure Level measured at 0.5m from the enclosure
- EP Act Standard 75 dBA at 0.5m from DG set

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

Chetan A Kadam
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&OHSAS 18001:2007**
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/W-21/05/60 **Issue Date:** 18/05/2021

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	:	Metal Box. Plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme no. 52G/South Ward, Mumbai
Nature of sample	:	Drinking water
Location of sample	:	P-5 level Labour colony
Sample identification number	:	W-21/05/60
Sample Quantity & Container	:	**F**-1000 ml; PE
Environmental Condition	:	**Area**: Clean, **Water Temp**: 28°C, **Amb. Temp**: 32°C
Date of sample drawn	:	13/05/2021
Date of sample receipt	:	14/05/2021
Date of sample analysis	:	14/05/2021– 17/05/2021
Sample drawn by	:	AESPL Consultancy Division
Sample Transported by	:	AESPL Consultancy Division
Project/ Job number	:	PO. 4800142046 Dated:03/12/2020
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	2.3	1 Max	5 Max	IS-3025(P-10) RA2017
3.	pH@25°C	7.16	6.5 – 8.5	No relaxation	IS-3025(P-11) RA2017
4.	R. Cl_2, mg/l	0.62	0.2 Min	1.0 Min	IS-3025(P-11) RA2019
5.	Hardness, mg/l	24	200 Max	600 Max	IS-3025(P-21) RA2019
6.	Iron, mg/l	0.036	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	0.30	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. Decision Rule is applied.

ADITYA ENVIRONMENTAL SERVICES PVT. LTD. RASAYANI

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

-End of Test Report-

Drinking Water Quality Test Report

Ref. No.: AESPL/LAB/M-21/05/84 **Issue Date:** 20/05/2021

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	:	Drinking water	
Location of sample	:	P5 Level	
Sample identification number	:	M-21/05/84	
Sample Quantity & Container	:	250 ml; G	
Environmental Condition	:	Area: Clean	Ambient Temp: 32°C
Date of sample drawn	:	13/05/2021	
Date of sample receipt	:	14/05/2021	
Date of sample analysis	:	14/05/2021 – 17/05/2021	
Sample drawn by	:	AESPL Consultancy Division	
Sample Transported by	:	AESPL Consultancy Division	
Project/ Job Number	:	PO 4800142046 dt 03.12.2020	
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 10500 -2012	Method of analysis
1	Coliforms	Absent/100ml	Absent	IS:15185-2016
2	E-coli	Absent/100ml	Absent	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.

Pranali N Patil
(Authorized Signatory – Microbiology)

-End of Test Report-

ADITYA ENVIRONMENTAL SERVICES PVT. LTD.
Testing Laboratory is certified by **ISO 9001:2015&OHSAS 18001:2007**
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

Soil Quality Test Report

Ref. No.: AESPL/LAB/S-21/05/19 **Issue Date:** 18/05/2021

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	:	**Metal Box**. Plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli
Nature of sample	:	Soil
Location of sample	:	On site
Sample identification number	:	S- 21/05/19
Sample Quantity & Container	:	1 kg; PG bag & Aluminum container
Environmental Condition	:	**Area**: Clean, **Amb. Temp**: 32°C
Date of sample drawn	:	13/05/2021
Date of sample receipt	:	14/05/2021
Date of sample analysis	:	14/05/2021– 17/05/2021
Sample drawn by	:	AESPL Consultancy Division
Sample Transported by	:	AESPL Consultancy Division
Project/ Job number	:	PO. 4800142046 Dated:03/12/2020
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02
Method of sampling & preservation	:	AESPL/LAB/SOP/7.3.1/S-01

Sr.No.	Parameter with Unit	Result		Method of analysis
1.	pH@25°C	6.66		IS 2720 (part 26); RA2016
2.	Conductivity@25°C, µS/cm	240.6		IS-14767; RA 2016
3.	Water content, %	3.8		IS 2720 (part 2); RA2015
4.	Organic Carbon, %	0.22		IS 2720 (part 22); RA2015
5.	Available Nitrogen, %	0.0112		AESPL/LAB/SOP/7.2.1.2/S-05; 30.11.19
6.	Potassium as K, kg/he	90		AESPL/LAB/SOP/7.2.1.2/S-06; 30.11.19
7.	Sulphate, mg/kg	62		AESPL/LAB/SOP/7.2.1.2/S-10; 30.11.19
8.	Calcium; Ca, meq/l	75		AESPL/LAB/SOP/7.2.1.2/S-11; 30.11.19
9.	Magnesium; Mg, meq/l	20		AESPL/LAB/SOP/7.2.1.2/S-12; 30.11.19
10.	Sodium; Na, kg/hector	100		IS 9497: 2015
11.	Zinc as Zn, mg/kg	< 0.04		EPA Method 3050 B.2:1996
12.	Nickel as Ni, mg/kg	< 0.04		EPA Method 3050 B.2:1996
13.	Chromium; Cr, mg/kg	< 0.04		EPA Method 3050 B.2:1996
14.	Iron as Fe, mg/kg	0.52		EPA Method 3050 B.2:1996
15.	Texture, %	Clay	73.2	AESPL/LAB/SOP/7.2.1.2/S-17; 30.11.19
		Silt	16.4	
		Fine sand	10.4	

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.

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 410207
Tel: 02192 252008, **CIN**: U74999MH2001PTC132091

TC-7085

Ambient Air Quality Test Report

Ref. No.: AESPL/LAB/A- 21/08/02 **Issue Date:** 10/08/2021

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- 21/08/02
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	:	02/08/2021
Start Time of sampling	:	09:20 hrs
Sampling period	:	8 hrs
Date of sample receipt	:	03/08/2021
Date of sample analysis	:	03/08/2021–09/08/2021
Environmental condition	:	Climate clear Ambient temp. 30°C
Monitored & transported by	:	AESPL Consultancy Division
Sampling equipment	:	Air Sampler RDS-I-10 & FDS-I-10
Calibration status	:	Calibrated on 01/01/2021 Calibration due on 31/12/2021
Project/ Job number	:	PO 4800142046 dt 03.12.2020
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	11.8	80 *	µg/m³	IS 5182 (Part 2) RA2017
2.	NO_2	18.8	80 *	µg/m³	IS 5182 (Part 6) RA2017
3.	PM_{10}	50.7	100 *	µg/m³	IS 5182 (Part 23) RA2017
4.	$PM_{2.5}$	17.5	60 *	µg/m³	IS 5182 (Part 24) 2019
5.	CO	0.27	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; [***] annually 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

Chetan A Kadam
(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-21/08/02 **Report Date:**10/08/2021

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	:	02/08/2021
Date of receipt	:	03/08/2021
Date of analysis	:	03/08/2021
Environmental condition	:	Ambient temperature 30°C
Monitored & transported by	:	AESPL Consultancy Division
Project/ Job number	:	4800142046 dt 03.12.2020
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 23/10/2020, Calibration due on 22/10/2021

Emission Details

Parameter	Result	Limiting Standard as per consent
Gas Temperature (°C)	95	--
Gas velocity (m/s)	7.35	--
Gas flow rate (Nm^3/hr)	6054.82	--
TPM (mg/Nm^3)	52.42	150
Sulphur Dioxide (kg/d)	3.73	--

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

Chetan A Kadam
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

Ambient Noise Quality Test Report

Ref: AESPL/LAB/N-21/08/05 **Report Date:** 10/08/2021

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	:	02/08/2021	
Environmental condition	:	Climate clear	Ambient temp. 30°C
Monitored & transported by	:	AESPL Consultancy Division	
Project/ Job number	:	PO 4800142046 dt 03.12.2020	
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02	
Method of sampling	:	IS 9989: RA 2014	
Instrument used	:	Noise meter - SL-I-13	
Calibration status	:	Calibration details: 25/12/2020 to 24/12/2021	

Sr. No.	**Location**	**Noise Level dB(A) Leq**	
		Day Time	**Night Time**
1.	Near Engineering Office P-1 level	62.5	57.2
2.	PPL Gate	68.2	59.8
3.	Gate number-3	67.1	58.5
4.	P-5 level labor colony	61.8	58.9
5.	Neelam Centre corner – E (Back side)	64.5	57.4
6.	52 Chawl Corner - E	62.8	58.9
7.	52 Chawl Corner - W	62.5	58.8
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.

Chetan A Kadam
(Authorized Signatory – Pollution & Environment)

-End of Test Report-

DG Noise Quality Test Report

Ref: AESPL/LAB/N-21/08/06 **Report Date:** 10/08/2021

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	:	02/08/2021
Environmental condition	:	Climate Rain; Ambient Temp. 30°C
Monitored & transported by	:	AESPL Consultancy Division
Project/ Job number	:	4800142046 dt 03.12.2020
Reference of sampling	:	AESPL/LAB/QR/7.3.3/R-02
Method of sampling	:	IS 4758 RA:2002
Instrument used	:	Noise meter - SL-I-13
Calibration status	:	Calibration details: 25/12/2020 to 24/12/2021

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	72.9	73.5	73.3	74.1	73.5	25.7
	Door opened	98.8	99.2	99.5	99.1	99.2	

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

Chetan A Kadam
(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/W-21/08/08 **Issue Date:** 07/08/2021

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	:	Metal Box. Plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme no. 52G/South Ward, Mumbai
Nature of sample	:	Drinking water
Location of sample	:	P-5 level Labour colony
Sample identification number	:	W-21/08/08
Sample Quantity & Container	:	**F**-1000 ml; PE
Environmental Condition	:	**Area**: Clean, **Water Temp**: 25°C, **Amb. Temp**: 30°C
Date of sample drawn	:	02/08/2021
Date of sample receipt	:	03/08/2021
Date of sample analysis	:	03/08/2021– 06/08/2021
Sample drawn by	:	AESPL Consultancy Division
Sample Transported by	:	AESPL Consultancy Division
Project/ Job number	:	PO. 4800142046 Dated:03/12/2020
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	7.12	6.5 – 8.5	No relaxation	IS-3025(P-11) RA2017
4.	R. Cl_2, mg/l	0.64	0.2 Min	1.0 Min	IS-3025(P-11) RA2019
5.	Hardness, mg/l	28	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	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:

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.

ADITYA ENVIRONMENTAL SERVICES PVT. LTD. RASAYANI

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

-End of Test Report-

Drinking Water Quality Test Report

Ref. No.: AESPL/LAB/M-21/08/06 **Issue Date:** 05/08/2021

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	:	Metal Box. Plot bearing survey no. 2/1629 of Lower Parel division, Plot No. 249 & 249 A of Worli Scheme no. 52G/South Ward, Mumbai
Nature of sample	:	Drinking water
Location of sample	:	P-5 level Labour colony
Sample identification number	:	M-21/08/06
Sample Quantity & Container	:	250 ml; G
Environmental Condition	:	Area: Clean, Ambient Temp: 32°C
Date of sample drawn	:	02/08/2021
Date of sample receipt	:	03/08/2021
Date of sample analysis	:	03/08/2021– 04/08/2021
Sample drawn by	:	AESPL Consultancy Division
Sample Transported by	:	AESPL Consultancy Division
Project/ Job Number	:	PO. 4800142046 Dated:03/12/2020
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 10500 -2012	Method of analysis
1	Coliforms	Absent/100ml	Absent	IS:15185-2016
2	E-coli	Absent/100ml	Absent	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.

Pranali N Patil
(Authorized Signatory – Microbiology)

-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.

(Iiv) 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.

(Iv) 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)

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

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

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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

Government of Maharashtra

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

सत्यमेव जयते

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

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

Government of Maharashtra

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

40.Any Other Information

No Information Available

Government of Maharashtra

	CRZ/ RRZ clearance obtain, if any:	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.

Government of Maharashtra

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.

Government of Maharashtra

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

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

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

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

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

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

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

Government of Maharashtra

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

ANNEXURE IV

STERLING

ENGINEERING CONSULTANCY SERVICES PRIVATE LIMITED

Unit 26, 6th Floor, Kohinoor Commercial Tower II, Behind Kohinoor City Mall, Off L. B. S. Marg, Kurla (West), Mumbai – 400 070.
TEL: 6674 4601 / 4602 / 4603 • Email: sterlingbkc@gmail.com • www.sterlingengg.com
CIN: U28920MH1978PTC020333

To

Member Secretary, SEAC-II,
15th Floor, Mantralaya,
New Administrative Building,
Mumbai – 400 032

Sub: Proposed Residential Building on plot bearing C.S. No. 2/1629 & 1A/1629 of Lower Parel Division, Plot No. 249, 249 A and 248B of Worli estate Scheme No. 52, G / South Ward, Worli, Mumbai for M/s. K. Raheja Pvt. Ltd.

Ref. No. EB / 1105 / GS / A

We hereby certify that the structural work of the Residential Tower Building has been designed for 2B + G + 5 Parking floors + Stilt + 6 Structural / Service floors + 3 Fire Check floors + 49 Habitable floors configuration. We further state that the said work carried out so far is safe and stable for the purpose for which it is intended.

Thanking you,

Yours Sincerely,

For STERLING ENGINEERING CONSULTANCY SERVICES PVT. LTD.

MANISH NEGANDHI
B.E. (Civil), M.E. (Structures) MIE
BMC Reg. No. STR/N/56

STERLING ENGINEERING CONSULTANCY SERVICES PVT. LTD.

Date: April 12, 2019

MB/(2)

ANNEXURE V 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

K Rahma Corp

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 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.

K Kunja Code

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.

EZ Kalam.com

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 V 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.

Acc:- A Set of Plan

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

ANNEXURE VI

Kasturi Pewekar
Architect

Plot No. C-30, Block 'G', Opp. SIDBI, Bandra Kurla Complex, Bandra (East), Mumbai – 400 051.
Tel. : 2656 4000 Fax : 2656 4604

Date: 13/05/2019

To,
The Member Secretary - SEAC-II
Environment Department,
15th floor, New administrative building
Mumbai-400032

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 Private Limited.

Reference: 96th Meeting of SEAC-II, Dated 15.04.2019 (Online Unique Application No 0000001641)

Architect Area Certificate for area constructed on site as on 13/05/2019 is mentioned in following table:

Sr. No.	Building Description	Configuration As per EC dated 12/05/2017	Total Construction Area as per EC dated 12/05/2017	Configuration done on site as per EC dated 12/05/2017	Total Construction completed on site	Remarks
1.	Residential Tower	2B + G + 5 Parking floors + stilt +45 habitable floor on front side and 29 habitable floors on rear side + 3 fire check floors + 6 structural/service floors	1,22,903.18 Sq. M.	2B + G + 5 Parking floors + stilt + 45 habitable floor on front side and 23 habitable floors on rear side + 3 fire check floors + 6 structural/service floors	1,13,916.29 Sq.M.	Work under progress (23 floors fully completed and up to roof of 45 floors partly completed)
2.	PPL	2 Basement + Parking Lot Ground + 4 Parking Floors	33,119.24 Sq. M.	2 Basement + Parking Lot Ground + 4 Parking Floors	33,119.24 Sq. M.	Work completed and handed over to MCGM

Kasturi Pewekar
Architect
Plot No. C-30, Block 'G', Opp. SIDBI, Bandra Kurla Complex, Bandra (East), Mumbai – 400 051.
Tel. : 2656 4000 Fax : 2656 4604

3	Amalgamated plot bearing CS. No. 1A/1629	Stilt for residential building + 1st part floor for welfare center for residential users	3716.80 Sq. M.	Work Not yet started	Work Not yet started	
Total			1,59,739.22 Sq. M		1,47,035.53 Sq. M.	BUA completed on site is less that BUA as per EC dated 12.05.2017 received.

Thanking you,

Yours faithfully

Kasturi Pewekar
Architect
CA/97/20974

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 2020-March 2021

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-Lower Parel div., Plot No. 249 & 249 A, 248 B of Worli est.sch. No 52, Mumbai

2. Name of the authorised person

Mr. Vaibhav Samarth General Manager - Engineering

Full address of authorised person

CS No 2/1629 & 1A/1629-Lower Parel div., Plot No. 249 & 249 A, 248 B of Worli est.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 14, 2021

MUNICIPAL CORPORATION OF GREATER MUMBAI
EB/1105/GS/A dt. 21/03/16

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., Propasal (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.

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.

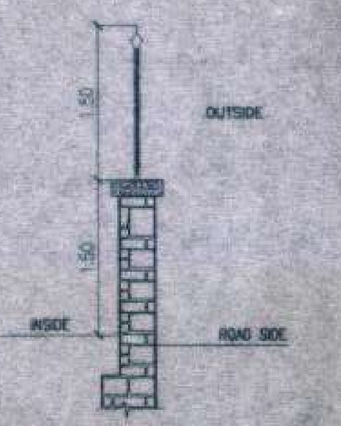
10) That the registered Undertaking stating that the Cafeteria with toilet block, meeting room, ATM, provision store on ground floor and Cafeteria with toilet block, auditorium on stilt floor will be for residents of building and higher height will not be misused shall be submitted before requesting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

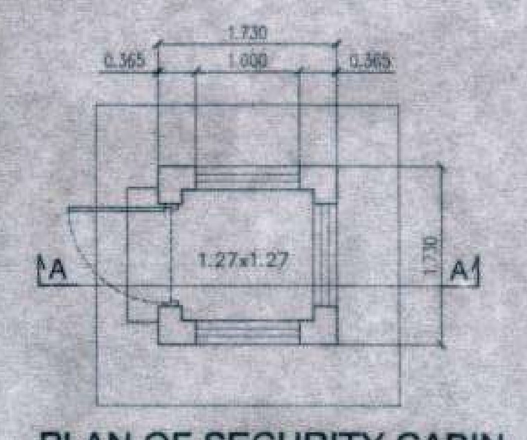
A copy of set of amended plans duly stamped / signed is hereby returned as a token of approval.

21/3/14

Executive Engineer
Building Proposals (City)-I



SECTION THROUGH COMPOUND WALL
SCALE = 1:50



PLAN OF SECURITY CABIN
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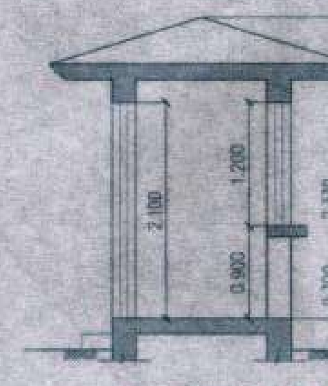

SECTION-AA
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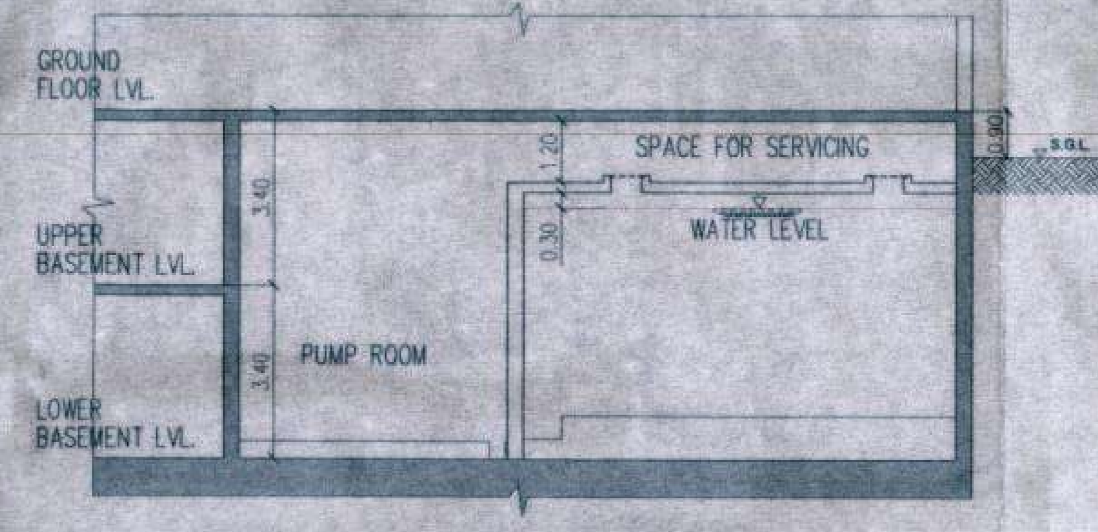
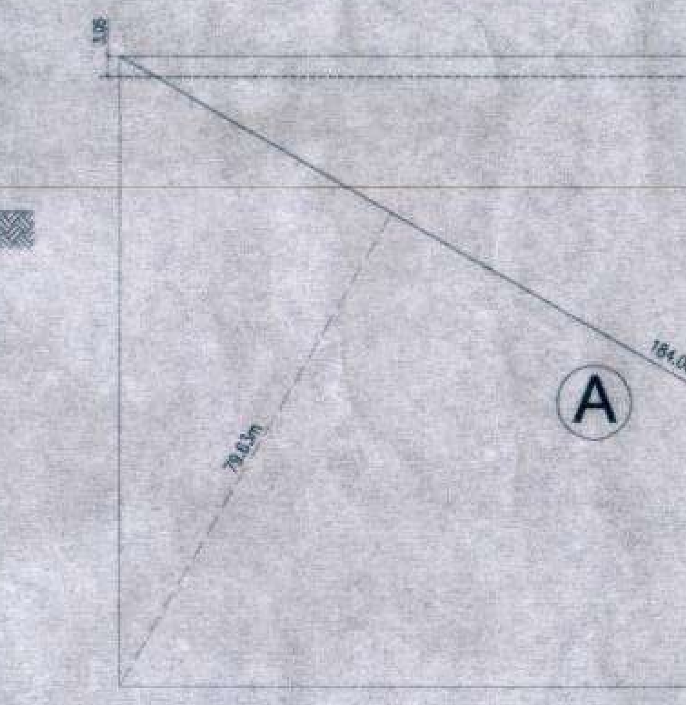


SECTION THROUGH U/G WATER STORAGE TANK SCALE = 1:100

COMPREHENSIVE PARKING STATEMENT

CARPET AREA	No. OF TENEMENTS	TOTAL No. OF PARKING REQUIRED	TOTAL No. OF PARKING PROPOSED
ABOVE 45.00 Sq.mts. & BELOW 70.00 Sq.mts. 1 CAR PER 1 TENEMENT	NIL	NIL	
ABOVE 70.00 Sq.mts. 1 CAR PER 0.5 TENEMENT	112 (14 floors x 4 flats + 3 refuge floors x 3 flats + 22 x 2 flats + 3 refuge floors x 1 flat)	224	
25% VISITORS PARKING		56	
SMALL CAR (4.50 x 2.30)			
LARGE CAR (5.50 x 2.50)			350
TOTAL		280	350

STRUCTURE	FLOOR	No. OF PARKING PROPOSED: TRANSPORT VEHICLE (T.V) (3.75 x 7.50)	PHYSICALLY HANDICAP (B) (5.50 x 2.50)	SMALL CAR (S) (4.50 x 2.30)	LARGE CAR (B) (5.50 x 2.50)	TOTAL Nos.
RESIDENTIAL	LOWER BASEMENT PARKING	-	-	-	60	60
	UPPER BASEMENT PARKING	-	-	-	44	44
	GROUND LVL. PARKING	-	-	-	--	--
	1st LVL. PARKING	-	-	-	36	36
	2nd LVL. PARKING	-	-	-	39	39
	3rd LVL. PARKING	-	-	-	38	38
	4th LVL. PARKING	-	-	-	40	40
	5th LVL. PARKING	-	-	-	93	93
TOTAL					350	350
MCGM PARKING LOT	LOWER BASEMENT	-	-	62	69	131
	UPPER BASEMENT	-	-	61	59	120
	GROUND LVL. PARKING	09	05	30	13	57
	1st LVL. PARKING	-	-	24	99	123
	2nd LVL. PARKING	-	-	23	100	123
	3rd LVL. PARKING	-	-	23	100	123
	4th LVL. PARKING	-	-	23	103	126
TOTAL		09	05	246	543	803 (794 + 9 T.V.)



SUMMARY OF STAIRCASE/LIFT & LIFT LOBBY AREA STATEMENT

STRUCTURE		FLOOR	B U AREA	sq.mts.
RESIDENTIAL BUILDING		Lower basement floor		
		Upper basement floor		
		Ground lvl. parking floor		
		1st lvl. parking floor		
		2nd lvl. parking floor		
		3rd lvl. parking floor		
		4th lvl. parking floor		
		5th lvl. parking floor		
		Stilt lvl. floor (Podium)		
		Service/structural floor		
	1	1st floor (refuge floor)	202.90	"
	2	2nd floor	194.95	"
	3	3rd floor	194.95	"
	4	4th floor	194.95	"
	5	5th floor	194.95	"
	6	6th floor	194.95	"
	7	7th floor	194.95	"
	8	8th floor (refuge floor)	202.90	"
	9	9th floor	194.95	"
		Fire check floor		
		Service/structural floor		
	10	10th floor	194.95	"
	11	11th floor	194.95	"
	12	12th floor	194.95	"
	13	13th floor	194.95	"
	14	14th floor	194.95	"
	15	15th floor (refuge floor)	202.90	"
	16	16th floor	194.95	"
	17	17th floor	194.95	"
	18	18th floor	209.48	"
		Service/structural floor		
	19	19th floor	209.48	"
	20	20th floor	209.48	"
	21	21th floor	209.48	"
	22	22nd floor (refuge floor)	217.62	"
	23	23rd floor	209.48	"
	24	24th floor	209.48	"
	25	25th floor	209.48	"
		Fire check floor		
	26	26th floor	209.48	"
	27	27th floor	209.48	"
		Service/structural floor		
	28	28th floor	209.48	"
	29	29th floor (refuge floor)	216.51	"
	30	30th floor	209.48	"
	31	31st floor	209.48	"
	32	32nd floor	209.48	"
	33	33rd floor	209.48	"
	34	34th floor	209.48	"
	35	35th floor	209.48	"
	36	36th floor (refuge floor)	216.51	"
	37	37th floor	209.48	"
		Service/structural floor		
	38	38th floor	209.48	"
	39	39th floor	209.48	"
	40	40th floor	209.48	"
	41	41st floor	209.48	"
	42	42nd floor	209.48	"
		TOTAL BUILT UP AREA (RESIDENTIAL)	8,597.20	sq.mts.
CLUB HOUSE		Lower ground floor	32.68	"
		Upper ground floor	33.71	"
		1st floor	38.18	"
		Terrace floor	38.18	"
		TOTAL BUILT UP AREA (CLUB HOUSE)	142.75	sq.mts.

PLOT AREA CALCULATIONS.

All areas in Sq.mts.

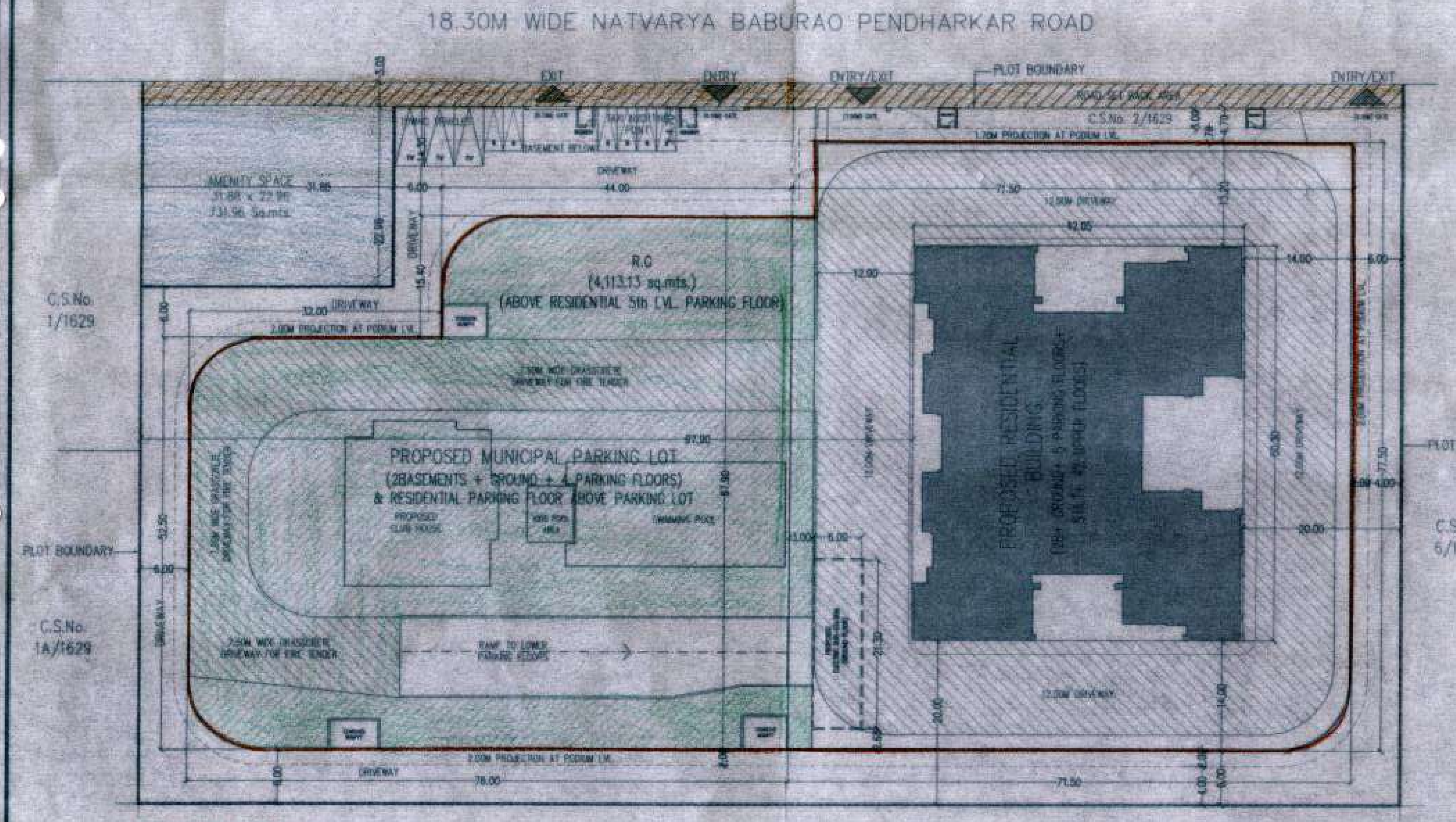
S.No.	SIZE	AREA
(A)	(79.63+ 79.50)x 0.50x 184.00	14,639.96
	TOTAL	14,639.96 Sq.mts.

COMPREHENSIVE FSI AREA STATEMENT

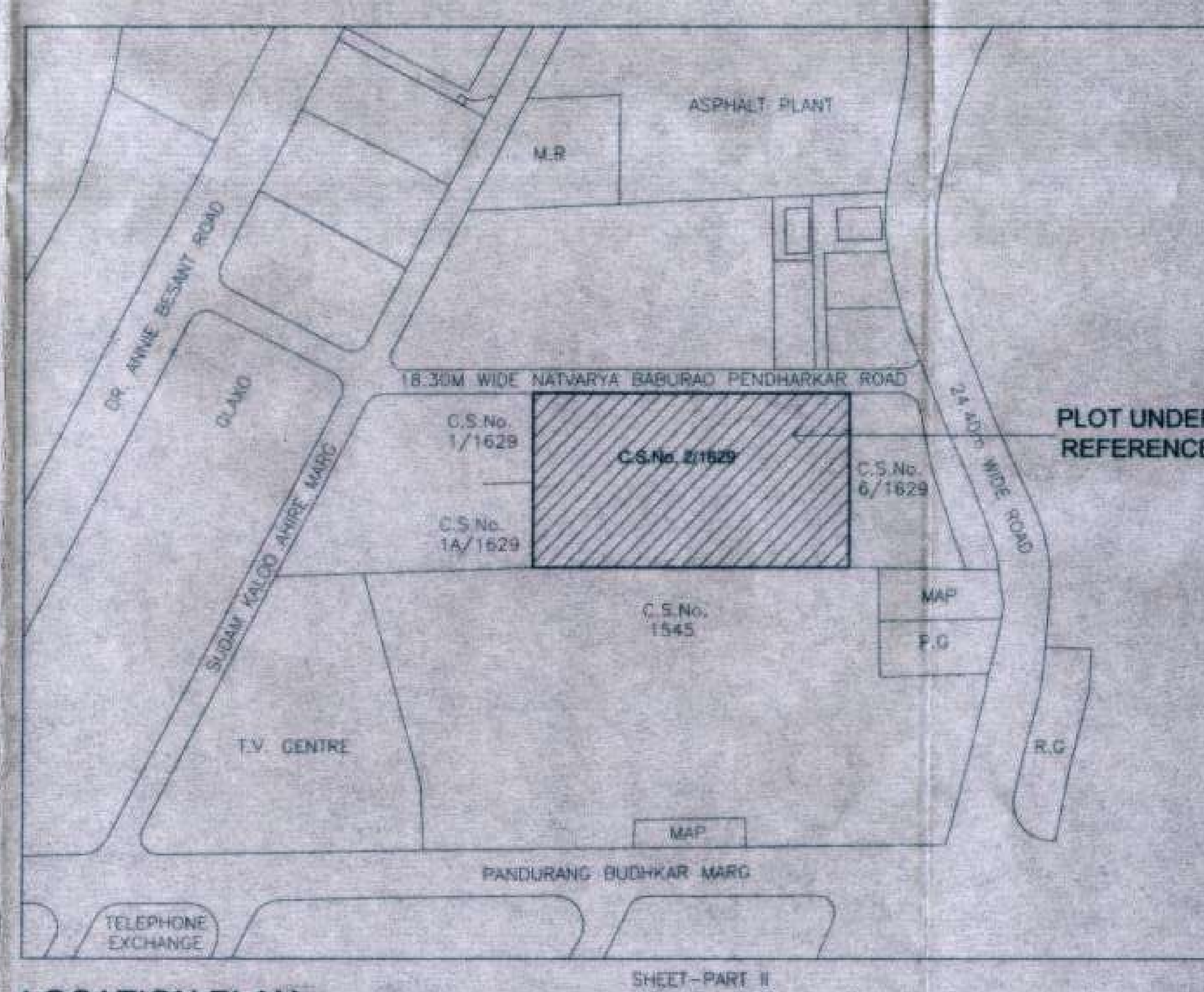
STRUCTURE		FLOOR	FSI AREA		Sq.mts.
RESIDENTIAL BUILDING		Lower basement floor			
		Upper basement floor			
		Ground lvl. parking floor		688.82	"
		D.G, meter room, etc.	688.82		
		1st lvl. parking floor		18.69	"
		BMS room	18.69		
		2nd lvl. parking floor		21.90	"
		Toilet	21.90		
		3rd lvl. parking floor			
		4th lvl. parking floor			
		5th lvl. parking floor		74.44	"
		Toilet & meter room	74.44		
		Stilt lvl. floor (Podium)		720.90	"
		Club house excess area	257.09		
		Auditorium, toilet & kitchen	463.81		
		Service/structural floor			
	1	1st floor (refuge floor)	1,103.91	1,116.39	"
		Meter room	12.48		
	2	2nd floor		1,393.58	"
	3	3rd floor		1,393.58	"
	4	4th floor		1,393.58	"
	5	5th floor		1,393.58	"
	6	6th floor		1,393.58	"
	7	7th floor		1,393.58	"
	8	8th floor (refuge floor)	1,103.91	1,116.39	"
		Meter room	12.48		
	9	9th floor		1,393.58	"
		Fire check floor			
		Service/structural floor			
	10	10th floor		1,393.58	"
	11	11th floor		1,393.58	"
	12	12th floor		1,393.58	"
	13	13th floor		1,393.58	"
	14	14th floor		1,393.58	"
	15	15th floor (refuge floor)	1,103.91	1,116.39	"
		Meter room	12.48		
	16	16th floor		1,393.58	"
	17	17th floor		1,393.58	"
	18	18th floor	800.80	1,379.05	"
		Terrace floor area	578.25		
		Service/structural floor			
	19	19th floor		800.80	"
	20	20th floor		800.80	"
	21	21th floor		800.80	"
	22	22nd floor (refuge floor)	503.46	590.88	"
		Break pressure tank & meter room	87.42		
	23	23rd floor		800.80	"
	24	24th floor		800.80	"
	25	25th floor		800.80	"
		Fire check floor			
	26	26th floor		800.80	"
	27	27th floor		800.80	"
		Service/structural floor			
	28	28th floor		800.80	"
	29	29th floor (refuge floor)	577.54	594.96	"
		Meter room	17.42		
	30	30th floor		800.80	"
	31	31st floor		800.80	"
	32	32nd floor		800.80	"
	33	33th floor		800.80	"
	34	34th floor		800.80	"
	35	35th floor		800.80	"
	36	36th floor (refuge floor)	577.54	594.96	"
		Meter room	17.42		
	37	37th floor		800.80	"
		Service/structural floor			
	38	38th floor		800.80	"
	39	39th floor		800.80	"
	40	40th floor		819.04	"
	41	41st floor		819.04	"
	42	42nd floor		819.04	"
		TOTAL FSI AREA (PROPOSED)		44,415.41	sq.mts.
MCGM PARKING LOT		Lower basement floor		5,053.80	sq.mts.
		Upper basement floor		5,053.80	"
		Ground lvl. parking floor		4,603.35	"
		1st lvl. parking floor		4,603.35	"
		2nd lvl. parking floor		4,603.35	"
		3rd lvl. parking floor		4,603.35	"
		4th lvl. parking floor		4,603.35	"
		TOTAL BUILT UP AREA		33,124.35	sq.mts.
		TOTAL BUILT UP AREA CONSIDERED		33,119.24	sq.mts.
ADDITIONAL FSI FOR PROPOSED RESIDENTIAL BUILDING IN LIEU OF MCGM PARKING LOT (50% OF 33,119.24)				16,559.62	sq.mts.

PUBLIC PARKING LOT

STRUCTURE		ITEM	AREA	sq.mts.
MCGM PARKING LOT	1	Built up area of public parking lot	33,119.24	"
	2	Built up area of public parking lot as per area as per parking space = 9 x 120 + (5 + 246 + 543) x 50 = 1080 + 39700	40,780.00	"
	3	Built up area of public parking lot considered for incentive FSI	33,119.24	"



BLOCK PLAN SCALE = 1:500



PLOT UNDER REFERENCE

LOCATION PLAN
SCALE = 1:2500

SHEET-PART II
G/SOUTH WARD

PROFORMA - B

CONTENT OF SHEET
- LOCATION PLAN & BLOCK PLAN, PLOT AREA DIAGRAM & CALCULATIONS
- SECTIONS THROUGH U.G TANK, COMPOUND WALL & SECURITY CABIN
- COMPREHENSIVE BUILT UP AREA STATEMENT.
- COMPREHENSIVE PARKING STATEMENT.

STAMP OF DATE OF RECEIPT OF PLANS

STAMP OF DATE OF APPROVAL OF PLANS

SIGN & NAME OF THE OWNER

DIRECTOR
K. Raheja Pvt. Ltd.

PROJECT

PROPOSED MULTI STORIED PUBLIC PARKING LOT & RESIDENTIAL BUILDING
ON PLOT BEARING C.S. No. 2/1629 PLOT No. 249 & 249A OF WORLI SCHEME No. 52, LOWER PAREL DIVISION, G/S WARD, MUMBAI.

NAME OF CONSULTING ARCHITECTS

RSP Architects Planners & Engineers (India) Pvt Ltd
709, BALARAMA, 7th FLOOR, BANDRA KURLA COMPLEX, BANDRA (EAST), MUMBAI-400 051.
TEL : 022 5675 4398 \ 99 FAX : 022 5675 4397

NAME, ADDRESS & SIGNATURE OF ARCHITECT

KASTURI K PEWEKAR
(CA/97/20974) ARCHITECT
PLOT No. C-30, BLOCK- G, Opp. SIDBI, BANDRA KURLA COMPLEX, BANDRA (E), MUMBAI - 400 051. TEL No:- 26564000

NORTH LINE	SCALE	DATE
N	AS SHOWN	-
	DRAWN BY	CHECKED BY
	francis	
DRAWING NO.		REVISION NO.
1		R-0

PROFORMA - A

	A AREA STATEMENT	Sq.mts.
1	AREA OF PLOT AS PER P.R. CARD	14,638.91
2	DEDUCTION FOR	
(a)	ROAD SET-BACK (R.L.)	476.25
(b)	PROPOSED ROAD	—
(c)	ANY RESERVATION	—
(d)	TOTAL (a+b+c)	476.25
3	BALANCE AREA OF PLOT (1-2d)	14,162.66
4	DEDUCTION FOR AMENITY OPEN SPACE (5% OF (1) ABOVE)	731.95
5	BALANCE AREA OF THE PLOT (3-4)	13,430.71
6	DEDUCTION FOR R.G (15% OF (5) ABOVE)	2,014.61
7	NET AREA OF PLOT (5-6)	11,416.10
8	PERMISSIBLE BUILT UP AREA AS PER EARLIER APPROVAL No. [illegible]	15,721.82
9	ADDITION FOR SET BACK AREA (476.25 x 1.33)	633.41
10	ADDITION FOR AMENITY SPACE AREA (731.95 x 1.33)	973.49
11	TOTAL PERMISSIBLE BUILT UP AREA (8+9+10)	17,328.72
12	FSI PERMISSIBLE FOR MCGM PARKING LOT BEING DEVELOPED AS PER NOTIFICATION No. [illegible] dated 05/08/2014	4.00
13	MAXIMUM PERMISSIBLE BUILT UP AREA ((7) ABOVE x 4.00)	45,664.40
14	BUILT UP AREA of MCGM PUBLIC PARKING LOT PROPOSED: (2B + G + 4 Upper floors)	33,119.24
15	INCENTIVE FSI AGAINST PPL (50% OF (14) ABOVE)	16,559.62
16	PERMISSIBLE BUILT UP AREA (11 + 15)	33,888.34
17	FSI CONSUMED (16/7)	2.97

	B DETAILS OF FSI AVAILED AS PER DCR -35 (4)	
1	FUNGIBLE BUILT UP AREA COMPONENT PERMISSIBLE VIDE DCR-35 (4) 35% OF (16) ABOVE	11,860.92
2	TOTAL PERMISSIBLE BUILT UP AREA OF RESIDENTIAL BUILDING (16 + B1)	45,749.26
3	TOTAL PROPOSED BUILT UP AREA	44,416.41
4	PROPOSED FUNGIBLE BUILT UP AREA (44,416.41 - 33,888.34)	10,527.07

	C TENEMENT STATEMENT	
1	PLOT AREA (ITEM A,14 ABOVE)	REFER STATEMENT
2	TENEMENT DENSITY PERMISSIBLE PER HECTARE	
3	TENEMENT PERMISSIBLE ON THE PLOT	
4	TENEMENTS PROPOSED	
5	TENEMENTS EXISTING	
6	LESS NON - RESIDENTIAL TENEMENTS (Shops, etc.)	
7	TOTAL TENEMENTS ON THE PLOT (4 + 5 + 6)	

	D PARKING STATEMENT	
1	PARKING REQUIRED BY REGULATIONS FOR RESIDENTIAL BUILDING	REFER STATEMENT
(a)	CAR	
(b)	SCOOTER / MOTOR CYCLE	
(c)	OUTSIDERS (VISITORS)	
(d)	25% ADDITIONAL PARKING	
2	TOTAL CAR PARKING PROVIDED	

	E TRANSPORT VEHICLES PARKING	
1	TRANSPORT VEHICLES PARKING REQUIRED BY REGULATION	
2	TRANSPORT VEHICLES PARKING PROPOSED	

	F NOTES
1	BOUNDARY OF THE PLOT BOUNDED BLACK.
2	PROPOSED WORK SHOWN SHADED PINK.
3	DRAINAGE SHOWN IN DOTTED RED.
4	RECREATION GROUND SHOWN IN SHADED GREEN
5	STRUCTURES TO BE DEMOLISHED SHOWN IN DOTTED YELLOW.
6	INTERNAL ACCESS ROAD SHOWN IN BURNT SIENNA.

Approved Amended Subject to Condition Mentioned in the file No. CEBP/1105/A/A 21/03/16

21/3/16
Asst. Eng./Ex. Eng. Bldg. Propos. (City)
Municipal Corporation of Greater Mumbai

बृहन्मुंबई महानगरपालिका
कार्यकारी अभियंता
इमारत प्रस्ताव (शहर) १ यांचे कार्या.
दिनांक 21 MAR 2016

CERTIFICATE FOR AREA

CERTIFIED THAT I HAVE SURVEYED THE PLOT UNDER REFERENCE ON 07.01.2004 AND THAT OF THE SIDES ETC., OF THE PLOT STATED ON PLAN ARE AS MEASURED ON THE SITE & THE AREA SO WORKED OUT IS 14,638.91 Sq.mts. (FOURTEEN THOUSAND SIX HUNDRED THIRTY EIGHT POINT NINTY ONE ONLY) & TALLIES WITH THE AREA STATED IN THE DOCUMENTS OF OWNERSHIP / TOWN PLANNING SCHEME RECORDS.

SIGNATURE OF LICENCED ARCHITECT

ANNEXURE IX 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.

K Raheja Corp.

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

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

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

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.

ANNEXURE IX 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**.

(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 Waste 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.

Maharashtra Pollution Control Board Mumbai

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.

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

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

Maharashtra Pollution Control Board Mumbai

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

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

				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

9/2/17

(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

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

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-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-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

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

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

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

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

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-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-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

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

Maharashtra Pollution Control Board
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ANNEXURE IX 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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https://blockchain.ecmpcb.in/docs/5de7464e0605292ea96e95ec

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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https://blockchain.ecmpcb.in/docs/5de7464e0605292ea96e95ec

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.

Kindly verify Maharashtra Pollution Control Board's document on Blockchain by scanning the QR code.
https://blockchain.ecmpcb.in/docs/5de7464e0605292ea96e95ec

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.

Kindly verify Maharashtra Pollution Control Board's document on Blockchain by scanning the QR code.
https://blockchain.ecmpcb.in/docs/5de7464e0605292ea96e95ec

Maharashtra Pollution Control Board
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ANNEXURE IX 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 -2007000074 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

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

Kindly verify Maharashtra Pollution Control Board's document on Blockchain by scanning the QR code.
https://blockchain.ecmpcb.in/docs/5efc629299513b24b0caeda1

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.

Kindly verify Maharashtra Pollution Control Board's document on Blockchain by scanning the QR code.
https://blockchain.ecmpcb.in/docs/5efc629299513b24b0caeda1

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						

Kindly verify Maharashtra Pollution Control Board's document on Blockchain by scanning the QR code.
https://blockchain.ecmpcb.in/docs/5efc629299513b24b0caeda1

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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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.

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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

Photographs of Labour camp

ANNEXURE X

Photographs of Labour camp

ANNEXURE X

Photographs of Labour camp

ANNEXURE X

Photographs of Labour camp

ANNEXURE X

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-0000020200

Submitted On:
14-06-2021

Submitted for Year:
April 2020 to March 2021

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	Aug 16, 2018	Feb 28, 2022

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, Commercial 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	2021-06-14	General Manager - Engineering

19/2/2021	UP14FT 3474	MB 034003300000 751	19 JAN 2021	18 JUL 2021	Bomby Raypur cargo carrier.	Sonu	[illegible]	[illegible]
20/2/21	MH01DR 1417	D29600000316	18/10/20	17/10/2021	—"—	PAPPU	[illegible]	[illegible]
24/2/21	HR 38 X 6620	MH004015J0009956	4/Feb/21	3/feb/2022	Hil Transport Ltd.	Suresh	[illegible]	[illegible]
26/2/21	MH12MV 9798	MH012018200000 75	14/Dec/2020	13/Dec/2021	Anusaya Transport	Raju	[illegible]	[illegible]
27/2/21	MH04TU 6056	Not Available (New Van).			Sree ramjiya Transport	Sangram	[illegible]	[illegible]
03/3/2021	MH05DK 6240	MH007002600010 00	02Fb 2021	01Fb 2022	~~Aram~~ Heram Transport.	mangesh	Mangesh	[illegible]
5/3/21	MH48AG 6692	MB1A2 GAD7HR GS1005	20 No 2020	19 Nov 2021	Swastik Bolk movers	Janmohamad	Jan मोहम्मद	[illegible]
6/3/21	MH04JK 5735	MAJ541068J1D1 4576	20 July 2020	19 July 2021	Harshal Traders	Juber	Zubeer	[illegible]
8/3/21	MH12MV 9798	MH012 018200000 75	14 DEC 2020	13 DEC 2021	Anusaya Transport.	shinde	[illegible]	[illegible]
15/3/21	RJ14GD 9774	MH004015S0004333	2 DEC 2020	01 JUN 2021	Rajdhani Transport.	Rahamtulla	रहमतुल्ला	[illegible]
17/3/21	MH46AF 0960	MH046008 00000 174	6 JUN 20	15 JUN 2021	Ekta Transport	Kamal	कमल	[illegible]
22/3/21	MH04HD 6546	MH04B082200005815	24/Sep/20	23/May/21	Suraj Transport.	Pravin	Rashan	[illegible]

SRNO	DATE	vehical NO	PUC NO	Date OF Issue	Date of EXP.	Transport Name	Driver Name	Driver Sig	Sup Sig	Checker Sig
24/3/21	24/3/21	MH04AC 8559	MH04700630003336	16 SEP 20	15 May 2021	Classic prywood	mahendra	महेन्द्र कुमार	[signature]	
27/3/21	27/3/21	MH04HD 5141	—	18 NOV. 2020	16 APR. 2021	Om Sai Transport	Nath	[signature]	[signature]	
30/3/21	30/3/21	GJ15AT 8726	GJ0210006000604	30 May 20	28 May 21	Riya Transport	Ishwarlal	ईश्वरलाल	[signature]	

SR No	DATE	VEHICAL No	P.U.C. No	P.U.C. ISSUE DATE	PUC EXPARY DATE	NAME OF TRANSPORTS	DRIVER NAME	DRIVER SIGN	CHECKED SIGN	REMARK
01)	05/04/21	MH03-CP 8959	MH0030053000202 58	12/12/2020	11/12/2021	—	Shannappa	[illegible]	Ag	
02)	06/04/21	MH46-H 6866	DL-01ZZ0000 ABC-0001	28/02/2021	25/08/2025	Ambekarpa Transport	Rangnath	[illegible]	Ag	
03)										
04)										
05)										

SR. NO	DATE	VEH·NO	PUC NO	PUC ISSUE DATE	PUC EXPARY DATE	NAME OF TRANSPORTS	DIVER NAME	DIVER SIGN	CHECKED SIGN	REMAR
01	17/02/21	MH46-H 5740	MH046009600000 3	17/10/2020	16/04/21	D.K. Road Line Saikrupa Transpot Rahamat ulla	Rahamat ull	② - Madhav	Ag	
02	17/02/21	MH46-AR 7393	MH006000900034 26	29/09/2020	28/03/21	D.K. Road Lines Saikrupa Transport	Madhav	① - RU	Ag	

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.

Photograph of STP

ANNEXURE XV

Photographs of Green belt

Photographs of Green belt

ANNEXURE XVI A

२ नवशक्ति
मुंबई, सोमवार, १२ जुन २०१७

CHANGE OF NAME

NOTE
Collect the full copy of Newspaper for the submission in passport office.

I, MALABIKA GORACHAND GHUI, HAVE CHANGED MY NAME TO MALVIKA GORACHAND GHUI AS PER GAZETTE NO: (X-75488) DATED: 07/02/2013. CL-60517

I, AJAY VIJAY SINH RAGHUVANSHI HAVE CHANGE MY NAME TO AJAY VIJAYSINGH RAGHUWANSHI AS PER AFFIDAVIT NO: PS490969 DATED: 03/08/2017. CL-60519

I HAVE CHANGED MY NAME FROM DEESHA NITINKUMAR CHAUHAN TO DEESHA JAY METHIWALA AS PER GOVT. GAZZATTE (P-176739). CL-60520

I HAVE CHANGED MY NAME FROM EVELINA HELEN JOANA FERNANDES TO EVELINA HELEN NAZARETH AS PER GOVT. OF MAHA. GAZETTE NO: M-1723981 DATED: JUNE 08-14, 2017. CL-60521

I HAVE CHANGED MY NAME FROM JOANNA / JUANA MENDES / MENDEZ TO JOANA MENDES AS PER GOVT. OF MAHA. GAZETTE NO: M-1723994 DATED: JUNE 08-14, 2017. CL-60521 A

I HAVE CHANGED MY NAME FROM LUDVIN IGNATIUS PEREIRE TO LOURDES IGNATIUS PEREIRA AS PER GOVT. OF MAHA. GAZETTE NO: M-1721429. CL-50522

I HAVE CHANGED MY OLD NAME DENGIL FRANCIS CORRIA TO NEW NAME DENZIL FRANCIS CORREIA AS PER AFFIDAVIT DATED 03 MAY 2016. CL-125

I HAVE CHANGED MY NAME FROM GIRISH KUMAR SINGH TO GIRISH R. SINGH AS PER AFFIDAVIT - (SG 960717) DATED 9TH JUNE 2017. CL-163

I HAVE CHANGED MY NAME FROM MRS. SUMATHI BAI M. TO MRS. SUMATI PANDURANG NAYAK AS PER AFFIDAVIT DATED 6TH JUNE 2017. CL-242

I HAVE CHANGED MY NAME FROM JOYNER AUGUSTIN GOMES TO JOYNER

जनतेला सूचना याद्वारे
परिशिष्टात अधिक विश
स्थावर मिळकतीच्या
नोंदणीकृत कार्यालय अ
हिरानंदानी लिंक रोड,
अवशिष्ट भाडेपट्टाधारव
आणि त्यामुळे आम
करण्यासाठी आणि सव
सर्व व्यक्ती ज्यांचा
विकासहक्क, हितसंबंध
परवाना, प्रभार, बक्षी
कब्जा, धारणाधिकार,
कुळवहिवाट, पोट-ब
अन्यथा कोणत्याही
संदर्भात किंवा विरोध
दिवसांत निम्नस्वाक्षरी
मुंबई - ४०० ०५८ ये
करण्यात येत आहे. व
अशील व्यवहार पूर्ण
कळविलेला कोणाच
त्यागित, परित्यागित,

ठाणेच्या जिल्हा आ
रोडलगत, नेरुळ येथ
११७ धारक मोजमा
ते भाग आणि विभाग
उत्तरेला किंवा त्या
दक्षिणेला किंवा त्या
पश्चिमेला किंवा त्य
पूर्वेला किंवा त्या
सदर ६ जून, २०१७

"जाहीर सूचना"

महाराष्ट्र राज्यस्तरीय पर्यावरण आघात मुल्यांकन समितीने मे. के. रहेजा प्रा. लि. यांच्या भूखंड क्र. २/१६२९ आणि १अ/१६२९, लोअर परेल विभाग, भूखंड क्र. २४९ आणि २४९अ, २४८ब, वरळी इस्टेट स्कीम नं. ५२, वरळी, मुंबई येथील रहिवाशी इमारत व सार्वजनिक वाहनतळ या प्रकल्पासाठींच्या फेरबदलास SEAC-2016/C.R.-424/TC-1 दिनांक १२ मे, २०१७ द्वारे पर्यावरण संमती दिलेली आहे. सदर पर्यावरण संमती पत्राची प्रत महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडे तसेच महाराष्ट्र सरकारच्या ec.maharashtra.gov.in या संकेतस्थळावर उपलब्ध आहे.

राष्ट्रीय कंपनी विधी न्यायाधिकरणासमोर
मुंबई खंडपीठ
कंपनी योजना अर्ज क्र. ३६९/२०१७

कंपन्या कायदा, २०१३ (१८/२०१३) च्या प्रकरणी
व
कंपन्या कायदा, २०१३ चे अनुच्छेद २३० ते २३२ व कंपन्या कायदा, १९५६ समवेत कंपन्या कायदा, २०१३ च्या अन्व संलग्न तरतुदी, यांच्या प्रकरणी
व
मोहिनी रिसोर्सेस प्रायव्हेट लिमिटेड (एमआरपीएल वा हस्तांतरक कंपनी)चे रिवाज ट्रेड व्हेंचर्स प्रायव्हेट लिमिटेड (आरटीव्हीपीएल वा हस्तांतरिती कंपनी) व त्यांचे संबंधी भागधारक यांच्या विलिनीकरणाच्या प्रकरणी

मोहिनी रिसोर्सेस प्रायव्हेट लिमिटेड, कंपन्या कायदा, २०१३ च्या तरतुदींअंतर्गत संस्थापित एक कंपनी, त्यांच्या नोंदणीकृत कार्यालयाचा पत्ता : गोवर्धन बिल्डिंग क्र. २, १ ला मजला, हरकिशनदास रुग्णालयासमोर, ग्रॅन्ट रोड (पूर्व), मुंबई - ४०० ००४)..... अर्जदार कंपनी (हस्तांतरक कंपनी)

मोहिनी रिसोर्सेस प्रायव्हेटलिमिटेड, अर्जदार कंपनीच्या समभागधारकांच्या सभेची सूचना व सूचनेची जाहिरात

सूचना याद्वारे देण्यात येत आहे की, आदेश दि. ७ जून, २०१७ द्वारे मोहिनी रिसोर्सेस प्रायव्हेट लिमिटेड (एमआरपीएल वा हस्तांतरक कंपनी)चे रिवाज ट्रेड व्हेंचर्स प्रायव्हेट लिमिटेड (आरटीव्हीपीएल वा हस्तांतरिती कंपनी) व त्यांचे संबंधि भागधारक यांच्या विलिनीकरणाच्या योजनेमध्ये निहित प्रस्तावित व्यवस्थेवर विचारविनिमय करणे व योग्य वाटल्यास सुधारणेसह वा सुधारणेविना मंजुरी देण्याकरिता राष्ट्रीय कंपनी विधी न्यायाधिकरणाच्या मुंबई खंडपीठाने अर्जदार कंपनीच्या समभागधारकांची सभा आयोजित करण्याचे निर्देश दिले आहेत.

सदर आदेश व त्याअंतर्गत विहित निर्देशांच्या अनुषंगाने पुढे सूचना देण्यात येत आहे की, अर्जदार कंपनीच्या समभागधारकांची सभा सोमवार, दि. १७ जून, २०१७ रोजी स. १०.०० वाजता गोवर्धन बिल्डिंग क्र. २, १ ला

THE FREE PRESS JOURNAL
MUMBAI | MONDAY | JUNE 12, 2017

'PUBLIC ANNOUNCEMENT'
"K RAHEJA PVT. LTD."

The amendment in environmental clearance for proposed Residential Tower Building and Multi Storied Public Parking Lot Building on Plot bearing C.S. No. 2/1629 & 1A/1629 of Lower Parel Division, Plot No. 249 & 249A, 248 B of Worli Scheme No. 52, Mumbai, by K. Raheja Pvt. Ltd., been accorded Environmental Clearance by State Environmental Impact Assessment Authority of Government of Maharashtra vide Letter No. SEAC-2016/C.R.424/TC-1 dated 12.05.2017.

The copies of Environmental Clearance Letter are available with Maharashtra Pollution Control Board and may also be seen on Environment Department Govt. of Maharashtra website at http://ec.maharashtra.gov.in.

महाराष्ट्र आरोग्य विज्ञान विद्यापीठ, नाशिक
MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK
Mhasrul, Dindori Road. Nashik - 422 004.
Tel : (0253) 2539236/162
Email: registrar@muhs.ac.in., civil@muhs.ac.in,
Website: www.muhs.ac.in

MUHS

E-TENDER NOTICE NO. CIVIL/ 01 / 2017-18

Maharashtra University of Health Sciences, Nashik invites e-tender for preparing temporary cricket ground (As per Drawing) near TTI Building in MUHS Campus, Nashik Tender form, fee, EMD, detail terms and conditions are available on website of **http://mahatenders.gov.in,** University authority reserve right to accept or reject any or all tender without giving any reason.

(Dr. K. D. Chavan)
Registrar,
MUHS, Nashik.

Date : 12/06/2017.

Advertisement

freepressjournal.in MUMBAI | F

PUBLIC ANNOUNCEMENT

The proposed "Composite Building with Residential Wing and a Municipal Public Parking Lot" at C. S. No. 2/1629 of Lower Parel Division, Plot No. 249 & 249 A of Worli Estate Scheme No. 52, G/S Ward, Worli, Mumbai by M/s. K. Raheja Pvt. Ltd. has been accorded Environmental Clearance by the Environment Department, Government of Maharashtra vide letter No. SEAC 2010/CR.323/TC.2 dated 22.07.2011. Copies of the said environmental clearance are available with Maharashtra Pollution Control Board and on website of the Environment Department, Government of Maharashtra at http://envis.maharashtra.gov.in

जाहीर सुचना

मेसर्स के. रहेजा प्रा. लि. यांच्या सी. एस. क्रमांक २/१६२९ लोअर परळ विभाग, प्लॉट क्रमांक २४९ व २४९ ए वरळी इस्टेट स्कीम क्रमांक ५२, जी/एस् वार्ड, वरळी, मुंबई येथील नियोजित निवासी व महानगरपालिकेच्या सार्वजनिक वाहनतळाची जोड इमारत यांच्या बांधकामाला पर्यावरण विभाग महाराष्ट्र शासन यांची पत्र क्रमांक SEAC-2010/CR.323/TC.2 दिनांक २२ जुलै २०११ अन्वये परवानगी मिळाली आहे. या परवानगी पत्राची प्रत पर्यावरण विभाग महाराष्ट्र शासन यांच्या http://envis.maharashtra.gov.in या संकेत स्थळावर तसेच महाराष्ट्र प्रदूषण नियंत्रण मंडळ यांच्या कार्यालयात उपलब्ध आहे.

Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

Unique Application Number	Submitted Date
MPCB-ENVIRONMENT_STATEMENT-0000035460	16-09-2021

PART A

Company Information

Company Name	Application UAN number
M/s. K. Raheja Pvt. Ltd	--

Address

C.S. No. 2/1629, Plot No. 249 & 249A of Worli Scheme No. 52, Lower Parel Division, G/S Ward, Worli, Mumbai.

Plot no	Taluka	Village
Plot No. 249 & 249A	Mumbai	Lower Parel Division
Capital Investment (In lakhs)	**Scale**	**City**
20124	LSI	Mumbai
Pincode	**Person Name**	**Designation**
400025	Mr. Vaibhav Samarth	General Manager -Engineering
Telephone Number	**Fax Number**	**Email**
9167779454	022 26564000	vsamarth@kraheja.com
Region	**Industry Category**	**Industry Type**
SRO-Mumbai I	Red	other
Last Environmental statement submitted online	**Consent Number**	**Consent Issue Date**
yes	Format. 1.0/CAC-cell/UAN No. 0000076911/CE 1912000103	04.12.2019
Consent Valid Upto	**Establishment Year**	**Date of last environment statement submitted**
30.11.2024	1983	Sep 29 2020 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

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Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
NA - Building construction project Built up area more than 20,000 sq.mt.	NA	NA	MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA - Building construction project Built up area more than 20,000 sq.mt.	NA	NA	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	Nil	Nil
Cooling	Nil	Nil
Domestic	159	85.40 (6.24 CMD Drinking for labors +79.17 Construction water)
All others	Nil	Nil
Total	159	85.40

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily Quantity of trade effluent from the factory	NA	0	CMD
Daily Quantity of sewage from the factory	150	4.99	CMD
Daily Quantity of Treated effluent from factory	NA	0	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
NA – Building Construction project	NA	NA	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
NA - Building Construction project	NA	NA	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
HSD - (for DG Set - 2000 KVA* 1 No. & 500 KVA * 1 No.)	4982	0	KL/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
NA	NA	NA	NA	6.5-9	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
TPM	Nil	Nil	NA	150 mg/ Nm3	NA
SO2	Nil	Nil	NA	150 mg/ Nm3	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	NIL	NIL	MT/A
Other Hazardous Waste	NIL (E-Waste)	NIL (E-Waste)	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	Nil	Nil	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Biodegradable	0	30	MT/A
Non -Biodegradable	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
STP Sludge	NA	NIL	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	NIL	MT/A	Not Applicable
Other Hazardous Waste	NIL (E-Waste)	MT/A	Not Applicable

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Biodegradable	30	MT/A	Segregate and Handed over to Local Body for recycling.
Non Biodegradable	0	MT/A	NA
STP	0	MT/A	NA

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
Environment monitoring	0.000	0.000	0.000	0.000	2 Lakhs	0.000

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
EMP	--	25 Lakhs

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Investment proposed in next FY: for STP / RWH/ Green belt development/ Solid waste management	STP / RWH/ Green belt development/ Solid waste management	20 Lakhs

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Residential Building is designed as Green building. The company maintains green belt around the site. The company maintains a safe and healthy environment within the premises.

Name & Designation

Mr. Vaibhav Samarth (General Manager -Engineering)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000035460

Submitted On:

16-09-2021