

HALF-YEARLY POST EC COMPLIANCE REPORT

OF

Proposed Redevelopment of Existing Building 25, 26, 27
Trilochan CHS Ltd on Plot Bearing SN 6(Pt), C S No 11(pt)
Of Village Sion Koliwada of MHADA Layout Situated at
Sardar Nagar No 2, Sion Koliwada Mumbai 400022 by
Shikara Constructions Pvt. Ltd.

PERIOD

July 2023 – December 2023

Project Proponent

Shikara Constructions Pvt. Ltd.



SHIKARA CONSTRUCTIONS PVT. LTD.

Date: 31st Dec 2023

To
The Director
Regional Office (WCZ),
Ministry of Environment, Forest and Climate Change,
Nagpur

Subject: Submission of six-monthly monitoring report (July – December, 2023) for Proposed Redevelopment of Existing Building 25, 26, 27 Trilochan CHS Ltd on Plot Bearing SN 6(Pt), C S No 11(pt) Of Village Sion Koliwada of MHADA Layout Situated at Sardar Nagar No 2, Sion Koliwada Mumbai 400022 by Shikara Constructions Pvt. Ltd.

Ref: No. SEIAA-EC-0000002105, dated, 18.02.2020.

Sir,

With reference to above subject, we would like to inform you that we have been accorded the environmental clearance for our Commercial project from SEIAA, Maharashtra on 18.02.2020. We hereby submit six monthly monitoring report for the period ended (July – December 2023) for building and construction project.

We hope that the above submission meets your expectation and request you to kindly give us receipt of submission of the same.

Thanking You,
Yours Faithfully,

(Authorized Signatory)

Shikara Constructions Pvt. Ltd.

CC: Member Secretary, SEIAA
Member Secretary, MPCB



Handwritten signature and date: 31/Dec/23

Handwritten date: 31/12/23
Maharashtra Pollution Control Board
Kalpataru Point, 2nd Floor, Sion Circle,
Opp. One Planet, Sion (East),
Mumbai - 400 022.
Tel. 24010437 / 24020781.
Website : www.mpcb.gov.in

Regd. Office :

204, Bezzola Complex, Opp. Suman Nagar, Sion Trombay Road, Chembur, Mumbai - 400 071.

Tel. : (+91 22) 4225 0018/9 E-mail : Info@shikaraconstructions.com Website : www.shikaraconstructions.com



ISO 9001:2008 CERTIFIED

Project Status Sheet

#	Particulars	Details
A	Status of construction as on date.	
1	No of constructed building & its floor.	Wing A, is constructed upto 16 th Floor. Wing B is constructed upto 20 th Floor. Wing C is constructed upto 17 th Floor. Wing D is constructed upto 22 nd Floor.
2	Total Constructed Area including non FSI in sq. m as on date.	29,107.05 Sq.mt.
3	Year of completion of project.	Under Construction not yet Complete.
B	Total investment as on date.	
1	Total investment on construction activities including land.	125 Cr.
2	Total investment on Environmental facilities.	Nil.
C	Environmental Facilities	
1	STP Capacity (if installed).	NA, Project is under Construction.
2	STP Technology (if installed).	NA, Project is under Construction.
3	OWC capacity (if installed).	NA, Project is under Construction.
4	RWH Tank capacity (if installed).	NA, Project is under Construction.
D	Details of any court case/litigation, Stop work etc.	No.



COMPLIANCE OF EC CONDITION

FOR

Proposed Redevelopment of Existing Building 25, 26, 27
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Shikara Constructions Pvt. Ltd.

PROJECT PROPONENT

Shikara Constructions Pvt. Ltd.

SIX MONTHLY COMPLIANCE REPORT

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Nagar No 2, Sion Koliwada Mumbai 400022.

Point wise compliance status to various stipulations laid down by the Government of Maharashtra as per Environment Clearance letter SEIAA-EC-0000002105 dtd. 18.02.2020.

Sr. No	COMPLIANCE	REPLY
SPECIFIC CONDITIONS		
1	PP to upload the Railway NOC	We have Obtained NOC from a competent authority Refer Annexure 1.
2	PP to replace the Pipe with rectangular storm water drains with gratings. PP to ensure that the Capacity & velocity should be maintained as specified by SWD	Condition is noted & we shall comply by the same.
3	PP to approach local planning authority i.e. MCGM for maintaining road & roadside plantation by using their surplus STP water	We will take NOC from competent authority, if applicable on our project.
4	PP to ensure that turning radius for fire tender movement should be 9mt.	Condition is noted & we shall comply by the same.
5	PP to abide the all conditions laid in the CFO NoC as & when received.	We have Obtained NOC from a competent authority Refer Annexure 2.
6	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 insure fulfil ment of this condition before granting CC.	We have Obtained NOC from a competent authority with reference to Thane Creek Flamingo Sanctuary. Refer Annexure 3.
7	PP is to submit CER prescribed by MoEF & CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be carried out in consultation with the Municipal Corporation or collector or environmental Department.	Condition is Noted.
8	PP to ensure that CER plan gets approved from Municipal Commissioner / District Collector	Condition is Noted.
9	PP shall comply with standard EC conditions mentioned in the office memorandum issued by	Condition is Noted.

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Sr. No	COMPLIANCE	REPLY
	MoEF&CC vid F.No.22-34/2018-IA.III dt.04.01.2019.	
10	SEIAA decided to grant EC for - FSI: 15848.93m ² , non-FSI: 14990.60m ² and Total BUA: 30839.53m ² (Plan Approval no - EE/BP/Cell/GM/MHADA-38/390/2019, Date - 17.10.2019)	Condition is noted.
GENERAL CONDITIONS		
1	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.	E-waste shall be disposed through an authorized vendor as per the amended E-waste (Management and handling) Rules, 2016.
2	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.	We shall apply for Occupation Certificate only after ensuring availability of drinking water and connectivity of sewer line to the project site.
3	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.	As the site is not within the radius as define under the circular number and hence NOC is not applicable.
4	PP has to abide by the conditions stipulated by SEAC& SEIAA.	Condition is noted & we shall abide by the same.
5	The height, Construction built up area of proposed construction shall be in accordance with the existing FSI/FAR norms of the urban local body & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.	The proposed construction is as per the approved plan sanctioned by MHADA vide Letter No. 38/390/Planning Cell/GM/MHADA dated 17.10.2019. Refer Annexure 4.

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Sr. No	COMPLIANCE	REPLY
6	If applicable Consent for Establishment" shall be obtained from Maharashtra Pollution Control Board under Air and Water Act and a copy shall be submitted to the Environment department before start of any construction work at the site.	We have Obtained Consent to Establish from MPCB. Refer Annexure 5 .
7	All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.	Mobile toilet, soak pits have been provided in construction phase and proper care regarding sanitary and hygienic condition will be maintained throughout the construction phase.
8	Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	Adequate drinking water facility is provided for the workers at the site during construction phase.
9	The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed of to the approved sites for land filling after recovering recyclable material.	During Operation phase the solid waste generated is properly collected and segregated. The decomposable waste will be decomposed by organic waste composter and will be used as manure; dry/inert solid waste is disposed off in MSW disposal site. Solid waste management plan is enclosed as Annexure 6 .
10	Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Disposal of muck generated during construction phase does not have any adverse effect on neighbouring communities and is being disposed off taking necessary precautions for general safety and health of people.
11	Arrangement shall be made that waste water and storm water do not get mixed.	Covered sewage system has proposed which is connected to STP for the treatment and reuse of the treated water. Excess treated water shall be disposed off into the sewer drain.

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Sr. No	COMPLIANCE	REPLY
12	All the topsoil excavated during construction activities should be stored for use in horticulture I landscape development within the project site.	Separate stock piles have been maintained. All the topsoil excavated during construction activities had been stored and utilized in horticulture/ landscape developments within the project site. The remaining excavated soil is being utilized in re-filling of foundation, road works, rising of site level etc.
13	Additional soil for levelling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.	The Additional soil if any, is utilized in re-filling of foundation, road works, rising of site level etc.
14	Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.	Yes, Green Belt Development will be carried out according to CPCB guidelines. Landscape Plan Attached as Annexure 7 .
15	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	Soil testing was done, according to the reports all the parameters are within limit and there is no threat to groundwater quality by leaching of heavy metals and other toxic contaminants
16	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dumpsites for such material must be secured so that they should not leach into the groundwater.	<ul style="list-style-type: none"> There will be no generation of hazardous waste at site, however proper care is being taken following the norms to disposal of the bituminous and other hazardous material at site. Also silt traps and other measures such as additional on-site are constructed to control surface Run-off.
17	Any hazardous waste generated during construction phase should be disposed of as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Since this is a building construction project, there shall not be hazardous waste generated during construction. However negligible quantity of Paint waste & used oil will be generated from the site, is disposed through Authorized vendor of MPCB.

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Sr. No	COMPLIANCE	REPLY
18	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.	During construction phase, DG set is used during power failure. DG sets is enclosed with acoustic enclosure. They are running on low Sulphur diesel only with the provision of air and noise emission standards as per EP Rules, 1986
19	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from concern authority shall be taken.	The diesel required for operating DG set has been stored in HDPE drums and log books is managed adequately.
20	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	It is ensured that all the vehicles used for construction activities are having valid Pollution under Check (PUC) certificates. The vehicles without valid Pollution under Check (PUC) certificate are not permitted at project site.
21	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/MPCB.	<p>Ambient noise levels have been confirmed to standards both during day and night.</p> <ul style="list-style-type: none"> • The silent type DG set with acoustic enclosures has been installed at project site. • Exhaust is conforming to the provisions of Environment (Protection) Rules prescribed for air and noise emission standards. • All vehicles entering to the site were with valid PUC certificate. <p>All machinery used at the site is new and periodic maintenance of the machinery insured.</p>
22	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and amended as on 27th August, 2003. (The above condition is applicable only if the project site is located within the 100 Km of Thermal Power Stations).	Agreed.

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Sr. No	COMPLIANCE	REPLY
23	Ready mixed concrete must be used in building construction.	Yes, Ready mixed concrete with fly ash gets used in the construction
24	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Rainwater from terraces has been diverted to rainwater harvesting tank. Run off from the rest of the area shall be discharged through designed storm drainage network into Municipal SWD.
25	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Water demand during construction is being reduced by use of pre-mixed concrete, curing agents and other best practices referred.
26	The ground water level and its quality should be monitored regularly in consultation with Ground water authority.	The ground water levels and its quality is monitored regularly.
27	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the MPCB and Environment department before the project is commissioned for operation. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treated effluent emanating from STP shall be recycled/refused to the maximum extent possible. Discharge of this unused treated effluent, if any should be discharge in the sewer line. Treatment of 100% grey water by decentralized treatment should be done. Necessary measures should be made to mitigate the odour problem from STP.	STP is provided to treat the waste water. STP is provided by established consultant and operation and maintenance shall be done by the technical persons of consultant. 2 no of STP of Capacity 190 KLD with MBBR technology is provided which will be utilize for Flushing and Gardening purpose. Refer Annexure 8 .
28	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.	We have been using tanker water for construction activity. During Operation Phase, necessary water permission is obtaining from Competent Authority.
29	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Yes, Grey and black water is separated by the use of dual plumbing line.

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Sr. No	COMPLIANCE	REPLY
30	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor-based control.	Adequate measures are taken into consideration to minimize the wastage of water.
31	Use of glass may be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Agreed to comply with the Architect design at planning stage.
32	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	Agreed to comply with the Architect design at planning stage.
33	Energy conservation measures like installation of CFLs /TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed of /sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible like installing solar street lights, common solar water heaters system. Project proponent should install, after checking feasibility, solar plus hybrid non-conventional energy source as source of energy.	<ul style="list-style-type: none"> Installation of LED bulbs in plant room, podium parking areas, Lift Lobby's & staircases. 40% lighting including for Road, Landscape & garden shall be kept on solar system. Also, other Lights provided on Energy saving luminaries like CFL/LED instead of metal halide lamps. CFLs will 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 will be adapted to the maximum extent possible for energy conservation.
34	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	<p>D.G. set is provided as back up for Residential buildings.</p> <p>Two D.G. sets of 400 KVA & 40 KVA are provided with silencer & acoustic enclosures. The stacks are provided as per MPCB norms.</p>

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Sr. No	COMPLIANCE	REPLY
	<p>DG sets. Use low sulphur diesel. The location of the DG sets may be decided with in consultation with Maharashtra Pollution Control Board.</p>	
35	<p>Noise should be controlled to ensure that it does not exceed the prescribed standards. During night-time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.</p>	<ul style="list-style-type: none"> • Construction equipment producing the most amount of noise shall be fitted with noise shields. This shield is a physical barrier approx. 3 mtrs. In height which will provide adequate noise attenuation. • Noisy construction equipment's shall not be permitted during night hours. • Works employed in high noise areas will be rotated. Earplugs / muffs or other hearing protective wear will be provided to those working very close to the noise generating machinery. • Anti-honking sign boards will be placed in the parking areas and on entry and exit points.
36	<p>Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.</p>	<ul style="list-style-type: none"> • This effect would be prominent during construction as well as operation phase. The probability of inconvenience faced due to the frequency of truck movement during construction phase would be minimized by better control of traffic movement in the area. Noise levels expected from the planned operating conditions have been assessed and are likely to be within acceptable levels. The impacts have been mitigated by the suggested measures in the "air control and management section". • Anti-honking sign boards are placed in the parking areas and on entry and exit point. The project will be provided with sufficient road facilities within the project premises and there will be a large area provided for the parking of vehicles.

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Sr. No	COMPLIANCE	REPLY
37	Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code, which is proposed to be mandatory for all air-conditioned spaces while it is aspiration for non- air-conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	Efforts for the Opaque wall will meet prescriptive requirement as per Energy Conservation Building Code by use of appropriate thermal insulation material to fulfill requirement.
38	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	The building has adequate distance between them to allow movement of fresh air and natural light, Ventilation.
39	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	Regular supervision done by our site engineer to take care of the construction activity and of the surroundings.
40	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	We have obtained Environmental Clearance for construction activity. Refer Annexure 9. Obtained Consent to Establish. Refer Annexure 5.
41	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.	Six monthly report is submitted to respective departments.
42	Project proponent shall ensure completion of STP, MSW disposal facility, green belt development prior to occupation of the buildings. As agreed during the SEIAA meeting, PP to explore possibility of utilizing excess treated water in the adjacent area for gardening before discharging it into sewer line No physical occupation or allotment will be given unless all above said environmental infrastructure is installed and made functional including water requirement in Para 2. Prior certification from appropriate authority shall be obtained.	We shall agree to comply with the condition.
43	Wet garbage should be treated by Organic Waste Converter and treated waste (manure) should be utilized in the existing premises for gardening.	Wet garbage will be processed in Mechanical composter and manure obtained shall be used in landscaping

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Sr. No	COMPLIANCE	REPLY
	And, no wet garbage will be disposed outside the premises. Local authority should ensure this.	
44	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.	Condition is noted.
45	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.	Condition is noted and we shall fulfill the same.
46	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.	Condition is noted and we shall approach department for any change/ amendment in the project.
47	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Separate environment management cell/ consultant with qualified staff is formed and implementing the same.
48	Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.	EMP allocated for all pollution devices and other facilities. Refer Annexure 10 .
49	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.in	The advertisement is published in Marathi and English language local newspaper "THE FREE PRESS JOURNAL" dtd. 20.02.2020. & Marathi language local newspaper "NAVAKAL" dated 01.03.2020 Refer Annexure 11 .
50	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.	We are submitting six monthly reports to Environment Department, Mantralay & MPCB.

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Sr. No	COMPLIANCE	REPLY
51	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	We shall comply the same.
52	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM. SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Condition is noted.
53	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Condition is noted and submitted to regional office of MoEF. We are submitting herewith six-monthly reports to environment department, Mantralay & MPCB.
54	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the 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.	Condition is noted.

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ANNEXURES

FOR

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Shikara Constructions Pvt. Ltd.

PROJECT PROPONENT

Shikara Constructions Pvt. Ltd.

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Central Railway

No. BB/W/6561/NOC/GTBN/1279/DB

Divisional Railway Manager (Wks)
Office, Mumbai CSMT-400 001.
Date:26.12.2019

To,
M/S Shikara Construction Pvt. Ltd.,
204, Bezzola complex,
opp. Suman Nagar,
Sion Trombay Road, Chembur,
Mumbai-400 071

का. अ./इमारत परवानगी कक्ष (PA) म.
आ. क्र.: 582
दिनांक: 30 DEC 2019

Sh. Datar / OE
for n/a
A
30/12

Sub: GTBN-NOC for the redevelopment of proposed B.No. 25,26 & 27 Known as Sardar Nagar Trilochan CHSL bearing CTS No. 11(Part) of Village: Sion Koliwada of MHADA layout, situated at Sardar Nagar II, Sion , Mumbai-400 022.

Ref.: Your Application for NOC dated 12.06.2019.


The Railway administration has **No Objection** for the above, subject to fulfill the following conditions :-

1	The height of the proposed building/structures varying in different stages with minimum different clear horizontal distances between RailwayLand/ Track Boundary to nearest edge of the proposed building structures are as under as shown in the drawing bearing No. DRM (W) BB/ R -26871&GM (W) BB/P-17519.		
	Maximum height of the proposed bldg / Structure from Ground level / Rail Level. To top of roof slab (in meter)	The Minimum clear open horizontal distance between nearest face of the proposed building/Structure to RailwayLand. (in Meter)	
	Ground Level	Rail Level	Railway Land Boundary
SECTION D-D			
I	44.80 M	28.86 M	19.01 M
II	46.15 M	30.21 M	19.61 M
III	69.55 M	53.61 M	27.27 M
IV	73.25 M	57.31 M	33.71 M
Base I	-03.00 M	-18.94 M	18.94 M
Base II	-04.15 M	-20.09 M	20.10 M
SECTION A-A			
I	30.75 M	14.81 M	17.15 M
II	49.00 M	33.06 M	18.72 M
III	50.60 M	34.66 M	19.32 M
IV	51.75 M	35.81 M	25.82 M
V	54.25 M	38.31 M	27.22 M
Lift Pit	-01.85 M	-17.79 M	27.22 M
2	The parameter/dimensions mentioned vide Sr. No. 01 above should be strictly followed/adhered at site.		
3	No construction material is allowed to store/stack on the RailwayLand by the builder during construction of buildings/structure.		
4	In no case encroachment on RailwayLand should be allowed during the		

Divisional Engineer (L/M),
Central Railway, Mumbai CSMT,

Shri. Virat
for
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	construction of these proposed building/structure.
5	No access will be provided to the proposed building/structures from RailwayLand or proposed building/structures to RailwayLand.
6	Sewer and drain should be connected to the Municipal sewer line and drain should not be directed towards Railway Track.
7	Drainage and storm water from RailwayLand should not be obstructed. Proper drainage arrangement along with arrangement of discharge to be shown in the drawing.
8	Responsibility for the safety of the proposed building/ structure will rest with the owner/developer.
9	The design and construction work of the proposed buildings/structure should be followed as per relevant I.S. codes.
10	No foundation of any structure, whatsoever, should come under the RailwayLand and not obstruct track stability.
11	Signal visibility to the train drivers is not obstructed due to construction of these proposed building/ structure.
12	Adequate precaution/safety should be taken for excavation work, so that it may not cause any damage to railway boundary wall and railway track.
13	The excavation work should not be carried out in Rainy/Monsoon season.
14	If building/structure is not constructed as per approved drawing by Railway or detection of any deviations to drawing will lead to cancellation of NOC granted by railway and necessary action will be taken immediately.
15	The applicant/party will inform to concern ADEN of Railways about commencement of work within 60 days, giving reference of NOC issued by Railways.
16	Complete safety should strictly be ensured in respect of any crane working towards railway land involved during the construction work. The builder/owner will be fully responsible for any loss caused to the railway or any one during the course of construction as well as after construction.
17	Railways have right to inspect the worksite during construction stage as well as during lifetime of building/structure to ensure safety of railway assets & Train operations.
18	All the data/documents related with ownership of land rests with the applicant to prove. Railway NOC does not mean the ownership of land.
19	NOC should be given to get necessary clearance from State Govt./ Municipality etc. It is in no way authorize the applicant thze ownership of said land. The RailwayLand boundary shown is for indicative purpose.
20	Party will construct the common boundary wall at its own cost as per the drawing and directions of railway. Where Railway boundary is adjacent to private party plot, the demarcation would be done by railways.
21	It is certified based on the sanctioned plans/works for new line and surveys that the land is not required for railways own development in the foreseeable future.
22	The protection system-phased implementation of excavation should be ensured while excavation is being carried out for basement and Deep foundation & proper protection for nalla should be ensured.
23	No Plantation of trees should be done in the vicinity of Railway Track. i.e. 10 meter from Railway Track, which could eventually grow up to height detrimental to safe operation of Rail Traffic.
24	It will be the responsibility of society / Agency (to whom NOC is issued) to cut or trim tree / tree branches to protect loss of life due to electrocution, likely to fall on


 Divisional Engineer (L/M),
 Central Railway, Mumbai CSMT,

917

	the live conductors and disruption of rail traffic due to earthed conducting items touching / coming in the vicinity of induction zone of 110KV/25KV/1500V high voltage traction supply. Lapses causing disturbance to the train operation are to be dealt as per the provisions of the Railway Act-1989/ Indian code and all other relevant Acts/ Rules etc.
25	In case of delay in cutting/trimming of tree branches by the land owner to the safe distance from Railway track within 07 days from the date of notification by Railway authorities, Railway will take action to remove such obstructions with a rightful entry in the premises of land / plot / property. The land owner has to bear the entire cost of such activities. Railway has the right to recover the cost from the owner as penal action.
26	This NOC in no way grant the applicant the ownership of said land. If any dispute for ownership for the mentioned plot arises in the future, this NOC will be deemed to be cancelled and the developer shall fully discharge the liability duly indemnifying the Railway.
27	In any case, at least 3 m clear horizontal space has to be maintained between the closest edge of the structure and the Railway land boundary.
28	The proposed structure must not lead to accrual of easement rights such as Right of Way, Right to discharge sullage and storm water, easement of support, easement of "light and air" etc. on Railway land over a period of time.
29	As regards compliance of provisions of Development Control Regulations or other rules issued by State Government/Local Authorities in this regard, it is for the StateGovernment/Local Authority to examine and ensure compliance of the same.

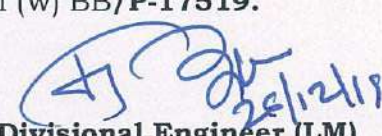
The above conditions should be appraised to the concerned ADEN/IOW/PWI/Municipal Corporation/Grampanchayat etc. The construction progress of this building structure may be monitored during the construction by ADEN to check the above condition are as compiled in drawing No.DRM (W) BB/R-**26871** orPucca Drg. No.GM (W) BB/P-**17519**.

This has been issued, subject to the condition, stipulated in the drawing cited above.

This has got the approval of competent authority.

One B.P. copies of this approved drawing No. DRM (W) BB/R-**26871** orPucca Drg. No.GM (W) BB/P-**17519** is enclosed herewith for your information and record please.

Encl : Drg. No. DRM (W) BB/R-**26871** &Pucca No. GM (W) BB/P-**17519**.


Divisional Engineer (LM)
Central Railway, Mumbai C. S. M.T.

✓ C/- : **Executive Engineer, Building proposal /GM/MAHADA, Griha Nirman, kalanagar, Bandra (East), Mumbai, Maharashtra 400051**: For

information please, as regards compliance of provisions of development control regulations or other Rules issued by State Government / Local Authorities in this regard, it is for the State Govt./Local Authority to examine and ensure compliance of the same.

Encl : Drg. No. DRM (W) BB/R-**26871** orPucca Drg. No. GM (W) BB/P-**17519**.

MUNICIPAL CORPORATION OF GREATER MUMBAI
MUMBAI FIRE BRIGADE

Office of Dy. Chief Fire Officer, Wadala Regional Command Centre No. II, Wadala Fire Station, 1st Floor, Shaikh Mistry Dargah Road, C.G.S. Colony, Antop Hill, Wadala, Mumbai - 400 037, Tel No.: 24132060.

Office of the Dy. Chief Fire Officer (Regional)
Mumbai Fire Brigade
Wadala Command Center Building,
1st Floor, Shaikh Mistry Dargah Road,
Antop Hill, Mumbai-400 037.

No:- **FB/HR/R-II/46**

Date:- **24/03/2021**

Sub: Fire protection and firefighting requirements for the amendments for the proposed construction of High rise Residential building under section 33(5) of DCPR-2034 on plot bearing C.S. No. 11 (part) of village Sion Koliwada of MHADA layout situated at sardar nagar II, Sion, Mumbai – 400022 for Sardar Nagar Trilochan CHSL.

Ref: i) Letter Submitted by M/s. Ellora Consultants L.S. dated 10.03.2021
ii) M.F.B. No. – FB/HR/R-II/10 dated 23/07/2019

M/s. Ellora Consultants

License Surveyor

In this case please refer to the Fire protection and firefighting requirements issued by this office u/r. no. FB/HR/R-II/10 dated 23/07/2019 for the proposed construction of a High rise Residential building comprising of 04 Wings i.e. Sale Wings 'A', 'B' and 'C' and Rehab Wing 'D'. Wing 'A' having ground floor part on stilt for car parking & part for shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for society office, fitness center & residential flats + 11th to 16th upper residential floors with total height of 49.45 mtrs. from general ground level up to terrace level. Wing 'B' having ground floor part on stilt for car parking & part for shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for Entrance lobby, fitness center & residential flats + 11th to 23rd upper residential floors with total height of 69.75 mtrs. from general ground level up to terrace level. Wing 'C' having ground floor part on stilt for car parking & part for shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for society office, fitness center & residential flats + 11th to 17th (17th part) upper residential floors with total height of 52.35 mtrs. from general ground level up to terrace level. Wing 'D' having basement for services + Ground floor on stilt for two tier stack car parking + 1st to 15th (part) + 16th to 22nd upper residential floors with total height of 68.45 mtrs. from general ground level up to terrace level as shown on enclosed plans.

Now, Architect submitted amended plans & proposed the following amendments :

- Now, Architect proposed to construct the High rise Residential building comprising of 04 Wings i.e. Sale Wings 'A', 'B' and 'C' and Rehab Wing 'D'

Diya Desai
18/03/21
24/03/21

Aakar
24/03/21

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.For Sale Wings 'A', 'B' and 'C' having common basement (-3.50 mtrs.) for services and thereafter

Wing 'A' having ground floor part on stilt for car parking & part for lower duplex shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for Entrance lobby , fitness center & residential flats + 11th to 16th upper residential floors with total height of 49.45 mtrs. from general ground level up to terrace level.

Wing 'B' having ground floor part on stilt for car parking & part for lower duplex shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for Entrance lobby , fitness center & residential flats + 11th to 20th upper residential floors with total height of 61.05 mtrs. from general ground level up to terrace level.

Wing 'C' having ground floor part on stilt for car parking & part for lower duplex shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for Entrance lobby , fitness center & residential flats + 11th to 20th upper residential floors with total height of 61.05 mtrs. from general ground level up to terrace level.

Wing 'D' having basement (-4.50 mtrs.) for services + Ground floor on stilt for two tier stack car parking + 1st to 15th (part) + 16th to 22nd upper residential floors with total height of 68.45 mtrs. from general ground level up to terrace level

instead of earlier approved High rise Residential building comprising of 04 Wings i.e. Sale Wings 'A', 'B' and 'C' and Rehab Wing 'D' .

Wing 'A' having ground floor part on stilt for car parking & part for shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for society office, fitness center & residential flats + 11th to 16th upper residential floors with total height of 49.45 mtrs. from general ground level up to terrace level.

Wing 'B' having ground floor part on stilt for car parking & part for shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for Entrance lobby , fitness center & residential flats + 11th to 23rd upper residential floors with total height of 69.75 mtrs. from general ground level up to terrace level

Wing 'C' having ground floor part on stilt for car parking & part for shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for society office, fitness center &

residential flats + 11th to 17th (17th part) upper residential floors with total height of 52.35 mtrs. from general ground level up to terrace level.

Wing 'D' having basement for services + Ground floor on stilt for two tier stack car parking + 1st to 15th (part) + 16th to 22nd upper residential floors with total height of 68.45 mtrs. from general ground level up to terrace level as shown on enclosed plans.

- ii. There are changes in floor wise user of high Rise Building which are as under :

Wing A (Sale)

Floor (1)	User (2)
Common Basement (-3.50 mtrs.)	Under ground water tanks + Pump room + OWC room + STP
Ground floor	Horizontal car parking + 02 Nos. of lower duplex shops + Double Entrance Lobby + Meter room
1 st floor	Horizontal car parking + 02 Nos. of Upper duplex Shops
2 nd floor	Horizontal car parking + 02 Nos. of residential flats + Pocket Terrace
3 rd to 7 th & 9 th floor	Horizontal car parking + 02 Nos. of residential flats
8 th floor	Horizontal car parking + 01 Nos. of residential flats + Refuge Area
10 th E-Deck level floor	2 Nos. of residential flats + Fitness center
11 th to 16 th floor	04 Nos. of residential flats
Terrace floor	O.H.T. + Terrace open to sky to be treated as refuge area.

Wing B (Sale)

Floor	User
Common Basement (-3.50 mtrs.)	Under ground water tanks + Pump room + OWC room + STP
Ground floor	Horizontal car parking + 03 Nos. of lower duplex shops + Double Entrance Lobby + Meter room + Electric panel space + Toilets
1 st floor	Horizontal car parking + 03 Nos. of Upper duplex Shops + Toilets
2 nd floor	Horizontal car parking + 02 Nos. of residential flats + Pocket Terrace + Toilets
3 rd to 7 th & 9 th floor	Horizontal car parking + 03 Nos. of residential flats + Toilets
8 th floor	Horizontal car parking + 02 Nos. of residential flats + Refuge Area + Toilets
10 th E-Deck level floor	03 Nos. of residential flats + Fitness center
11 th to 14 th & 16 th to 20 th floor	05 Nos. of residential flats
15 th floor	04 Nos. of residential flats + Refuge Area
Terrace floor	Swimming Pool + Terrace open to sky to be treated as refuge area.

Diya
24/03/22

Arun
24/03/22

Wing

Wing C (Sale)

Floor	User
Common Basement (-3.50 mtrs.)	Under ground water tanks + Pump room + OWC room + STP
Ground floor	Horizontal car parking + 02 Nos. of lower duplex shops + Double Entrance Lobby + Meter room
1 st floor	Horizontal car parking + 02 Nos. of Upper duplex Shops
2 nd floor	Horizontal car parking + 02 Nos. of residential flats + Pocket Terrace
3 rd to 7 th & 9 th floor	Horizontal car parking + 02 Nos. of residential flats
8 th floor	Horizontal car parking + 01 Nos. of residential flats + Refuge Area
10 th E-Deck level floor	2 Nos. of residential flats + Fitness center
11 th to 14 th & 16 th to 20 th floor	04 Nos. of residential flats
15 th floor	03 Nos. of residential flats + Refuge Area

Wing D (Rehab)

Floor	User
Single level basement (-4.50 mtrs.)	Under ground water tanks + Pump room + OWC room + STP
Ground floor	Double stack car parking + Entrance Lobby + Meter room + Electric panel space
1 st floor	04 Nos. of Residential flats + Society office + Fitness center
2 nd to 7 th & 9 th to 14 th floor	06 Nos. of Residential flats
8 th & 15 th floor	04 Nos. of Residential flats + Refuge Area
16 th to 22 nd floor	04 Nos. of Residential flats

iii. There are changes in Refuge Area as under:-

Wing	Refuge floor	Refuge Area (in Sq.mtrs.)		Refuge floor height from ground level (meters)
		Required	Proposed	
A	8 th floor	47.62	48.71	23.35
B	8 th floor	58.13	60.68	23.35
B	15 th floor	60.47	60.68	43.65
C	8 th floor	47.93	59.14	23.35
C	15 th floor	52.12	59.14	43.65
D	8 th floor	88.75	106.91	24.95
D	15 th floor	72.37	106.91	45.25

The site abuts on 18.30 mtrs wide Ambedkar Road on south side and 12.00 mtrs wide layout road on east side connected to 18.30 mtrs wide Ambedkar Road as shown on plan.

There are changes in open space as shown on the plan and are as under:

Side	Building line to Podium line	Podium line to plot boundary	Building line to plot boundary
Wing A			
North	9.00 mtrs	6.25 mtrs + Wing 'D'	6.25 to 9.00 mtrs+WingD
South	Flushed	5.01 mtrs. to 5.22 mtrs + 25.47 mtrs wide Ambedkar Marg	5.01 mtrs. to 5.22 mtrs + 25.47 mtrs wide Ambedkar Marg
East	Flushed	4.58 mtrs to 4.82 mtrs. + 12.00 mtrs wide internal layout road	4.58 mtrs to 4.82 mtrs. + 12.00 mtrs wide internal layout road
West	Partly flushed & partly more than 9.00 mtrs	Partly flushed & 18.72 mtrs. to 24.90 mtrs.+ (Including 6.00 mtrs wide driveway & R.G.)	Partly flushed & 18.72 mtrs. to 24.90 mtrs.+ (Including 6.00 mtrs wide driveway & R.G.)
Wing B			
North	Partly Annexed to Wing 'C'	Partly Annexed to Wing 'C'	Partly Annexed to Wing 'C'
South	Flushed	5.01 mtrs. to 5.22 mtrs + 25.47 mtrs wide Ambedkar Marg	5.01 mtrs. to 5.22 mtrs + 25.47 mtrs wide Ambedkar Marg
East	Flushed	4.58 mtrs to 4.82 mtrs. + 12.00 mtrs wide internal layout road	4.58 mtrs to 4.82 mtrs. + 12.00 mtrs wide internal layout road
West	Partly flushed & partly more than 9.00 mtrs	Partly flushed & 18.72 mtrs. to 24.90 mtrs.+ (Including 6.00 mtrs wide driveway & R.G.)	Partly flushed & 18.72 mtrs. to 24.90 mtrs.+ (Including 6.00 mtrs wide driveway & R.G.)
Wing C			
North	Flushed	6.20 mtrs to 6.38 mtrs	6.20 mtrs to 6.38 mtrs
South	Annexed to Wing 'B'	Annexed to Wing 'B'	Annexed to Wing 'B'
East	Flushed	4.58 mtrs to 5.24 mtrs. + 12.00 mtrs wide internal layout road	4.58 mtrs to 5.24 mtrs. + 12.00 mtrs wide internal layout road
West	More than 9.00 mtrs	More than 9.00 mtrs	More than 9.00 mtrs

Wing 'D' (Rehab)

Sides	From Bldg. line to CTS plot boundary
North	6.07 mtrs to 7.55 mtrs
South	6.25 mtrs (R.G.) + Wing 'A' & 'B'
East	6.07 mtrs to 6.21 mtrs
West	6.0 mtrs to 6.33 mtrs + R.G. & D.G. set

*Dayakar
ADG
24/03/2021*

*Anwar
08/20
24/03/2021*

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The proposal has been considered favorably taking into consideration the following:

1. This department has already issued Fire protection & Firefighting requirements U/r.No. FB/HR/R-II/10 dated 23/07/2019.
2. The building will be protected with advanced in built fire-fighting system such as wet riser, hydrant system, fire alarm & fire detection system & sprinkler system, integrated system, voice evacuation system, public address system, BMS system etc.
3. During construction stage and prior to final occupation party agrees to comply with additional requirements stipulated by Mumbai Fire Brigade Officer if any future.

In view of the above, as far as this department is concerned, there is no objection for the above mentioned amendments for the proposed construction of a High rise Residential building comprising of 04 Wings i.e. Sale Wings 'A', 'B' and 'C' and Rehab Wing 'D'. For Sale Wings 'A', 'B' and 'C' having common basement (-3.50 mtrs.) for services and thereafter

Wing 'A' having ground floor part on stilt for car parking & part for lower duplex shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for Entrance lobby, fitness center & residential flats + 11th to 16th upper residential floors with total height of 49.45 mtrs. from general ground level up to terrace level.

Wing 'B' having ground floor part on stilt for car parking & part for lower duplex shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for Entrance lobby, fitness center & residential flats + 11th to 20th upper residential floors with total height of 61.05 mtrs. from general ground level up to terrace level.

Wing 'C' having ground floor part on stilt for car parking & part for lower duplex shops + 1st floor part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for upper duplex shops + 2nd to 9th floors part for car parking with in the building line by using 06.00 mtrs. wide two way ramp & part for residential + 10th E-Deck level for Entrance lobby, fitness center & residential flats + 11th to 20th upper residential floors with total height of 61.05 mtrs. from general ground level up to terrace level.

Wing 'D' having basement (-4.50 mtrs.) for services + Ground floor on stilt for two tier stack car parking + 1st to 15th (part) + 16th to 22nd upper residential floors with total height of 68.45 mtrs. from general ground level up to terrace level shown on the plan signed, as token of approval subject to satisfactory compliance of the following requirements.

- 1) **All the requirements stipulated in earlier vide NOC issued u/no: FB/HR/R-II/10 dated 23/07/2019 shall be strictly adhered for the entire building i.e. Sale Wings 'A', 'B' & 'C' and Rehab wing 'D' with the following additional/modified requirements:**

- 2) All the firefighting requirements shall be extended/ applicable from basement level to terrace level of the building i.e. for Sale Wings 'A', 'B' & 'C' and Rehab wing 'D'.
- 3) Necessary permissions / N.O.C. for licensable trade ,addition/alteration, interior work,etc. shall be obtained from competent Municipal Authorities & C.F.O's Department.
- 4) No any other changes except mentioned above as shown on the plan shall be carried out in the proposed building unless/until permitted by this department

The concerned party has paid scrutiny fees as mentioned below:

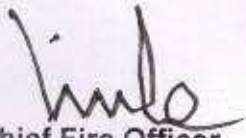
Sr. No.	Type of proposal	Total Gross built up area(sq.mtrs.)	Scrutiny fee paid	Receipt No. / SAP Doc. No.	Date
1.	Proposal	31844	16,87,732/-	2481738/39/40 1003603417	11/06/2019
2.	Amendment	31844	1,91,064/-	214603/04/05 1004036841	22.03.2021

However E.E.B.P. (MHADA) is requested to verify the total built-up area and inform this department. if the same is found to be more for the purpose of levying additional capitation fees, if required.

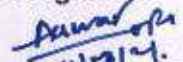
Note:

- i. The fire-fighting installation shall be carried out by licensed approved agency.
- ii. The area calculation shown in the enclosed plan shall be checked by the E.E.B.P. (MHADA).
- iii. E.E.B.P. (MHADA) shall verify the proposal as per amended DCR & verify civil work and all other requirements pertaining to civil Engineering side including open spaces, corridors, staircases. Amendments, height, refuge area in sq. meters & floor occupancy of the building and also in context with Hon. M.C.'s circulars issued u/n. Ch.E.1325451DP-Gen dated 24/02/2015 & u/no. Ch.E/34194/DP/Gen dated 10/03/2015 and verify the compliance as per the above said circulars. If the same is not complied with, this proposal shall be referred back to this department for issuing fresh NOC.
- iv. E.E.B.P. (MHADA) requested to scrutinized the plans as per amended DCR & verify civil work and all other requirements pertaining to civil Engineering side including open spaces, corridors, staircases, amendments, height, refuge area in sq. meters & floor occupancy of the building. E.E.B.P. (MHADA) is also requested to verify 6.00 meters wide open space & R.G. as per the Directives of Hon. M.C.'s office order No. MGC/A/6647 dated 23.12.2013 & orders of Hon. Supreme Court. And if these plans, given open space & R.G. is not approvable then this NOC shall be treated as cancelled & refer back to this department for revised NOC also till then further process of issuing IOD & C.C. shall not be permitted.
- v. E.E.B.P. (MHADA) shall verify the proposal in context with Hon. M.C.'s circulars issued u/n. Ch.E./32545/DP-Gen dated 24/02/2015 & u/n Ch.E/34194/DP/Gen dated 10/03/2015 and verify the compliance as per the above said circulars. If the same is not complied with, this proposal shall be referred back to this department for issuing fresh NOC.

- vi. MEP consultants shall verify & examine the size & area of duct provided to sprinklers, wet riser, detection system, electrical services, etc.
- vii. This Fire protection and Firefighting requirements is issued from fire risk point of view only.


Dy. Chief Fire Officer
Mumbai Fire Brigade


Director
24/03/21


Deputy Director
24/03/21



महाराष्ट्र वन विभाग



महाराष्ट्र शासन

वनविभाग

दूरध्वनी 022- 2542 1373 /

क्र. 022- 25434349

ई-मेल dycfthane@mahaforest.gov.in
dcfthane@gmail.com

उप वनसंरक्षक, ठाणे वनविभाग यांचे कार्यालय

मॅरिथॉन सर्कल, लाल बहादूर शास्त्री मार्ग, नौपाडा, ठाणे-400602

पत्र जा.क्र. कक्ष-१/२०/जमीन/ 2792 /२०२१-२२ दिनांक 27 सप्टेंबर, २०२१
प्रति,

मेसर्स एलोरा प्रोजेक्ट कन्सल्टन्ट प्रा.लि.,
३१७/३२१, निदाद को.ऑप. सोसा. मर्या.,
इमारत क्र.७, सर्विस रोड, बांद्रा पूर्व,
मुंबई - ४०००५१.

विषय:- मौजे सायन, ता.कुर्ला येथील नगर भूमापन क्रमांक ११ पै. चे क्षेत्र ठाणे क्रिक फ्लेमिंगो अभयारण्य पर्यावरण संवेदनशील क्षेत्राचे अभिप्रायाबाबत.

संदर्भ: आपलेकडील दिनांक ०७.०९.२०२१ रोजीचा अर्ज.

आपण संदर्भीय अर्जान्वये मौजे सायन, ता.कुर्ला येथील नगर भूमापन क्रमांक ११ पै. चे क्षेत्र ठाणे क्रिक फ्लेमिंगो अभयारण्याचे इको सेन्सिटिव्ह झोनमध्ये येते अगर कसे? याबाबतचे अभिप्रायाची मागणी या कार्यालयाकडे केली आहे.

प्रस्तुत प्रकरणी अभिलेखावरून तपासणी केली असता, मौजे सायन, ता.कुर्ला येथील नगर भूमापन क्रमांक ११ पै. चे क्षेत्र ठाणे क्रिक फ्लेमिंगो अभयारण्याचे सीमेपासून ७.६९ कि.मी. अंतरावर आहे. तसेच केंद्र शासनाकडील प्रारूप अधिसूचना क्र. का.आ. १७१९(अ), दिनांक ०८.०४.२०२१ मध्ये सदर क्षेत्राचा समावेश होत नाही.

रिट याचिका क्रमांक ४६०/२००४ मध्ये मा. सर्वोच्च न्यायालयाने दिलेल्या आदेशांनुसार राष्ट्रीय उद्याने व वन्यजीव अभयारण्याच्या भोवती पर्यावरण संवेदनशील क्षेत्र अंतिमतः अधिसूचित होईपर्यंत सदर राष्ट्रीय उद्यान/वन्यजीव अभयारण्याच्या सीमेपासून १०.०० कि.मी. अंतरापर्यंतचे क्षेत्र पर्यावरण संवेदनशील क्षेत्र (Eco-Sensitive Zone) समजण्यात येते. त्यानुसार वरीलप्रमाणे सर्व क्षेत्र ठाणे क्रिक फ्लेमिंगो अभयारण्याचे सीमेपासून १०.०० कि.मी. च्या आत येत आहे.

आपला,

(गजेंद्र हिरे)

उप वनसंरक्षक,
ठाणे वनविभाग, ठाणे

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24020781
/24037124/24035273
Fax : 24044532/24024068
/24023516
Email : jdwater@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



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

Infrastructure /Red/LSI

Consent No: Format1.0/BO/JD (WPC)/UAN No. 82126/CE/CC-2002000245 Date-1/2020

To,
M/s. Shikara Constructions Pvt. Ltd.
S N 6 (pt), C S No 11 (pt) of village Sion Koliwada of MHADA layout
Situating at Sardar Nagar No 2,
Sion Koliwada Mumbai.

04/02/2020

Subject: Consent to Establish for residential and commercial construction project under MHADA in Red Category.

Ref : 1. Minutes of 11th Consent Committee meeting held on 13.01.2020.
2. Your application UAN No.00000082126 Dated: 01.11.2019

For: Consent to Establish for residential and commercial construction project under MHADA in Red Category.

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

1. The consent is granted for a period up to commissioning of the project or of 5 years whichever is earlier.
2. The proposed capital investment of the project is Rs. 125.0 Crs. (As per undertaking submitted by project proponent).

Consent to Establish is valid for construction of residential and commercial project under MHADA named as M/s. Shikara Constructions Pvt. Ltd. At S N 6 (pt), C S No 11 (pt) of village Sion Koliwada of MHADA layout Situating at Sardar Nagar No 2, Sion Koliwada Mumbai on Total plot area of 3359.31 Sq. Mtrs and Total construction BUA of 31844.0 Sq. Mtr including utilities and services as per construction commencement Certificate issued by local body.

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

Sr. No.	Description	Permitted quantity of discharge (CMD)	Standards to be achieved	Disposal
1	Trade effluent	NIL	NA	NA
2	Domestic effluent	182	As per Schedule -I	60% should be reused & recycled and remaining should be discharged in municipal sewer

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

Sr. No.	Description of stack/ source	Capacity	Number Of Stack	Standards to be achieved
1	DG Set	380 KVA	01	As per Schedule-II
2	DG Set	500 KVA	01	As per Schedule-II

5. Conditions under Solid Waste Management Rules, 2016:

M/s Shikara Constructions Pvt Ltd, SRO Mumbai-IV, UAN No.82126

Page 1 of 6

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Wet garbage	295 Kg/Day	OWC	Used as Manure
2	Dry garbage	442 Kg/Day	-	Segregate and Hand over to Local Body for recycling
3	STP Sludge	9 Kg/Day	-	Used as Manure

6. Conditions under Hazardous and Other Wastes (M & TM) Rules, 2016 for treatment and disposal of hazardous waste; NIL.
7. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same should be binding on the industry.
8. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
9. Project Proponent shall comply the Construction and Demolition Waste Management Rules, 2016 which is notified by Ministry of Environment, Forest and Climate Change dtd.29/03/2016.
10. Project Proponent shall submit an affidavit in Board's prescribed format within 15 days regarding the compliance of conditions of EC/CRZ clearance and C to E.
11. Project Proponent shall install online monitoring systems for pH, TSS and flow at the outlet of STP.
12. Project Proponent shall provide Organic waste digester with composting facility or Biogas digester with composting facility.
13. The applicant shall obtain Environmental clearance for the proposed construction project. PP shall not take any effective steps towards the construction prior to obtain Environmental Clearance.

For and on behalf of the
Maharashtra Pollution Control Board

(E. Raventiran IAS)
Member Secretary

Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction No.	Date
1	250000	NEFT 5457215	01.11.2019

Copy to:

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

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A] As per your application, you have proposed to install Sewage Treatment Plant (STP) with the design capacity of **160 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
1	pH	6.5 to 9.0
2	BOD (3 days 27oC)	10 mg/l
3	Suspended Solids	20 mg/l
4	COD	50 mg/l
5	Total Nitrogen	10 mg/l
6	Ammonical Nitrogen	5 mg/l
7	Fecal Coliform	100 MPN/100ml

- C) The treated effluent shall be 60% recycled for secondary purposes such as toilet flushing, air conditioning, firefighting, on land for gardening etc and remaining shall be discharged in to the municipal sewerage system.
- D] Project proponent shall operate STP for five years from the date of obtaining occupation certificate.

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

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

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1	Domestic purpose	209

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



Schedule-II

Terms & conditions for compliance of Air Pollution Control:

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

Sr. No.	Stack Attached To	APC System	Height in Mtrs.*	Type Of Fuel	Quantity	UOM	S%	SO ₂ Kg/day
1	DG Set-380 KVA	Acoustic enclosure	3.5	HSD	220	Lit/Day	2.0	4.4
2	DG Set-500 KVA	Acoustic enclosure	4.0					

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

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

Particulate matter	Not to exceed	150 mg/Nm ³ .
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3. The Applicant should obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.

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



Schedule-III
Details of Bank Guarantees

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

Maharashtra Pollution Control Board

Schedule-IV

General Conditions:

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

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

SOLID WASTE & OWC DETAILS

Sr. No.	Particulars	Residential
1.	Population of the project	1920
2.	Biodegradable/organic waste generation (kg/capita/day)	0.180
3.	Total Biodegradable waste generation (kg/capita/day)	295
4.	Non-Biodegradable/inorganic waste generation (kg/capita/day)	0.270
5.	Total Non-Biodegradable waste generation (kg/capita/day)	442
	Total Waste generation (kg/capita/day)	737

OWC DETAILS

Sr. No.	Description	Rehab + sale
1	Non-Bio-degradable in kgs	442
2	Total Solid Waste in kgs	737.0
3	Quantity of Biodegradable waste in kg	295
4	Capacity of Each Bin proposed to be used(lit)	240
5	Nos. of bin required	8
6	Area Required for bin storage in sq. m	5
7	Area required for segregation in sq. m	7
8	Machine recommended	OWC120
9	No. of machines proposed	2.0
10	Capacity per batch in kg per batch	50
11	No. Of batches for each machine	3
12	Area of each machine in sq. m	3.0
13	Area of total machines in sq. m.	6.0
14	Operator+ Maneuvering space in sq. m	3.5
15	Total(Machine + maneuvering)	9.5
16	No of tiers in shelves	3.0

17	Area required for 21 days storage in sq. m	10
18	compost quantity per day in kg	62
19	Storage space for compost for 6 days day stock	4
20	process + storage area	14
21	Total process+ storage area including maneuvering	17
22	SWM management area (excluding machine)	30
23	SWM management area (including machine)	39

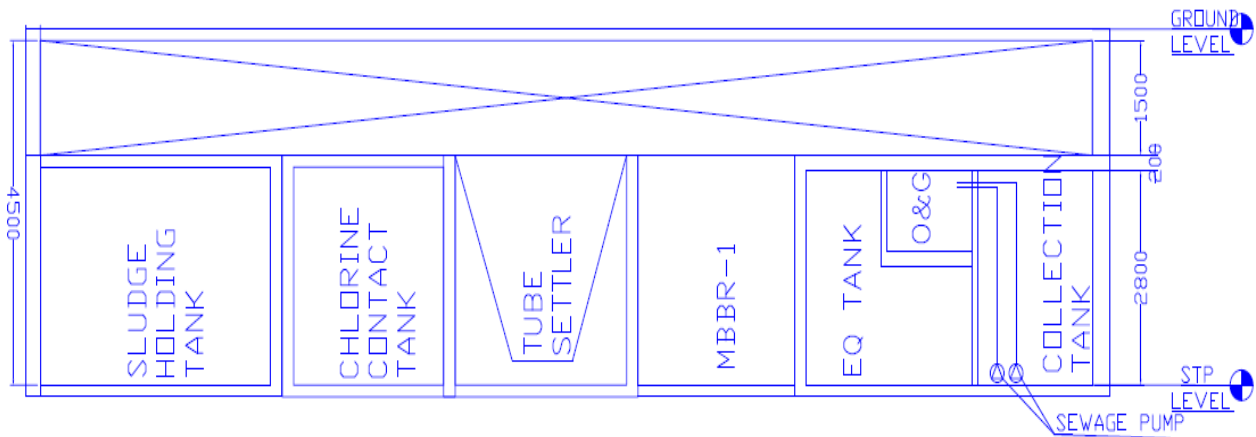
Description	Qty.
Location	Service basement
Biodegradable waste	295 kg/day
Non Biodegradable waste	442 kg/day
OWC	2
No of bins	8
Capacity of each bin	240 L

S.T.P. DETAILS – 190 KLD

Design Criteria

Parameters	Values	
	Before treatment	After treatment
pH	6.5 – 7.5	6.5 – 8.5
BOD 3 days at 27°C	200 – 400 mg/l	< 10 mg/l
COD	600 – 700 mg/l	<10 mg/l
Suspended Solids	150 – 200 mg/l	<10 mg/l
Oil & Grease	>50 mg/l	< 5 mg/l
Faecal Coliform (MPN/100 mL)		< 100

STP Section



TYP SECTION-REHAB STP

SR. NO.	LOCATION	AREA NAME	AREA (SQFT)	AREA (SQ.MTR)	HEIGHT (FT)	ACPH (Normal Mode)	CFM (Normal Mode)	FAN SELECTION	QTY	TOTAL AIR FLOW (CFM)
1	REHAB BLDG. BASEMENT	STP ROOM	495.2	46	14.76	30	3655	3700	1	3700
2		OWC ROOM	169.85	16	14.76	25	1045	1050	1	1050
3		PUMP ROOM	1361.69	127	14.76	15	5025	5050	1	5050
4	SALE BLDG. BASEMENT	STP ROOM	873.41	81	14.76	30	6446	6450	1	6450
5		OWC ROOM	303.08	28	14.76	25	1864	1900	1	1900
6		PUMP ROOM	1092.32	102	14.76	15	4031	4050	1	4050

Proposed Scheme

1. . Screen Chamber: This tank will remove floating materials, plastics, larger objects etc., which will otherwise clog the pump.

2. Equalization Tank: The sewage will be collected in this tank. It will equalize the flow. From this tank it will be pumped to Aeration Tank under control process.

3. Moving Bed Bio Reactor (MBBR) Tank: The controlled process flow from sewage collection tank is taken into inlet launder of this tank. Floating type media is introduced within the treatment tank. This media is made up of special grade plastic of special density. In course of the treatment a bio-film develop on the elements. The aeration within the reactor is provided with the help of jet aerators placed at the bottom of the reactor. The thin bio-film developed on the elements enable the bacteria to act upon the biodegradable matter in the water and reduce the BOD content while, certain amount of COD is also removed. The overflow from the outlet launder is taken into tube settler under gravity.

4. Secondary Settling Tank: From the MBBR tank the sewage will lead into secondary settler in which settling of microbial floccules takes place. The supernatant from top will over flow into semi-treated water tank.

5. Sludge Holding: The bio-sludge from Secondary Settling Tank will be pumped into sludge holding tank for further process& storage.

6. Semi-treated Water Tank: The treated water from Secondary Settling Tank will be collected into this tank. This treated water gets pumped into tertiary filters.

7. Filter (PSF & ACF): After Secondary treatment, the treated water will be given the tertiary treatment. The advanced tertiary treatment consists of two phases.

(A) Filtration Phase

(B) Adsorption Phases.

A. Filtration Phase: The complete filtration operation comprises of two phases. Filtration and cleaning or regeneration (Commonly called as backwashing). The filtration phase in which particulate matters are removed and accomplished by passing the waste water to the filter through a filter bed composed of granular materials. Within the granular medium filter bed the removal of suspended solids has accomplished by a complex process involving one or more removal mechanism such as training,

interception, impaction, sedimentation, flocculation and adsorption. The end of filter runs (filtration phase) is reached when the suspended solids in the treated water start to increase beyond an acceptable level or within a limiting head loss occurs across the filter bed. Once either of this condition is reached the filter must be cleaned (backwashed) to remove the material (suspended solids) that has accumulated within through the granular filter bed. Usually this is done by reversing the flow within through the filters. The sufficient flow of washed water is apply until the granular filtering media is fluidized (expanded). The material that has accumulated with a bed is then washed away.

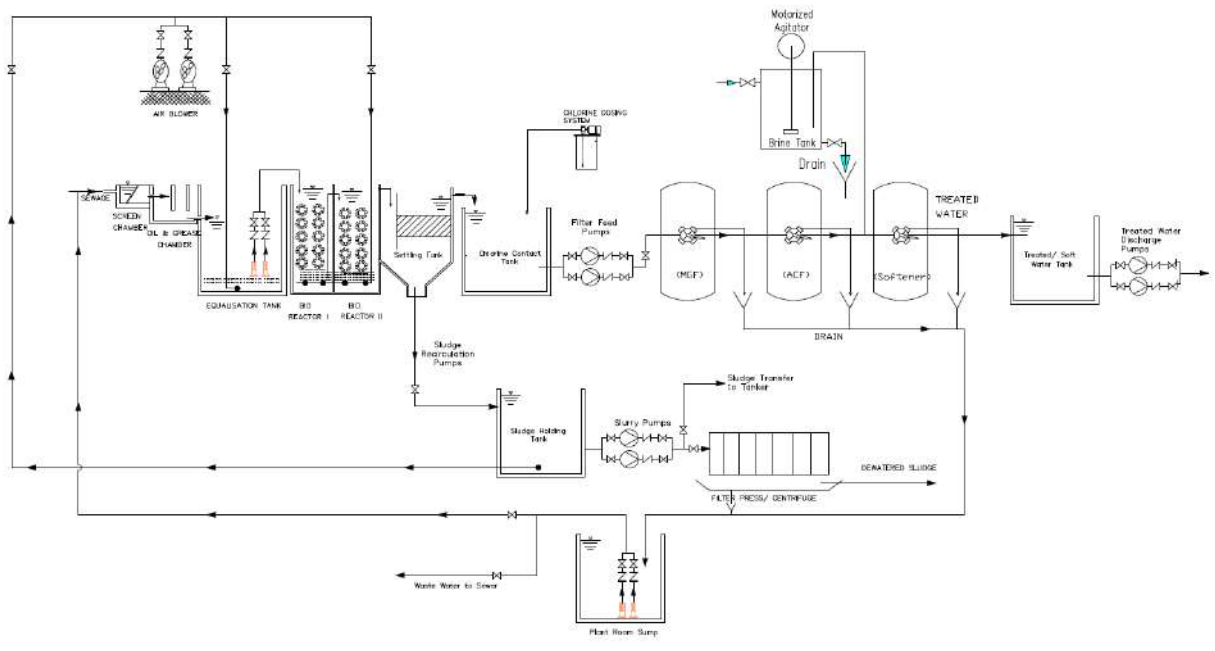
B. Adsorption Phase: The pressure adsorption phase is a final polishing step in the removal of all organic matter. This is also required for removal of color, odour etc. from the treated water.

8. UV System: The treated water from Secondary Settler may consist of some pathogenic microorganisms to get the reusable water, it should be pathogen/germ free and should have been contacted with the UV rays more enough to kill these species. .

UV treated/disinfected water then can be used for gardening, flushing or can be safely discharged outside the premises.

Civil Units

Sr. No.	Units	MOC	UNIT	Size	Retention Time
1.	Screen Chamber	RCC	1	1.0 m x 0.3 m x 0.3 m SWD + FB	0.01
2.	Collection Tank	RCC	1	6.0 m x 6.0 m x 3.0 m SWD + FB	8 Hrs.
3.	MBBR Tank	RCC	1	6.0 m x 6.0 m x 4.5 m SWD + FB	12 Hrs.
4.	Secondary Settler	RCC	1	4.0 m x 4.0m. x 2.5 m SWD + FB + HB	3 Hrs.
5.	Filter Feed Tank	RCC	1	4.5 m x 4.5 m x 2.5 m SWD + FB	4 Hrs.
6.	Treated Water Tank	RCC	1	4.5 m x 4.5 m x 2.5 m SWD + FB	4 Hrs.
7.	Sludge Holding Tank	RCC	1	3.0 m x 3.0 m x 3.0 m SWD + FB	4 Months





सत्यमेव जयते

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department, Room No. 217, 2nd floor, Mantralaya, Annexe, Mumbai- 400 032. Date:February 18, 2020

To, Shikara Constrcutions Pvt Ltd. at plot bearing S N 6(pt), C S No 11 (pt) of village Sion Koliwada of MHADA layout

Subject: Environment Clearance for proposed redevelopment of Existing Building 25, 26, 27 Trilochan CHS Ltd on plot bearing S N 6(pt), C S No 11 (pt) of village Sion Koliwada of MHADA layout Situated at Sardar Nagar No 2, Sion Koliwada Mumbai 400022

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 124th 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 186th meetings.

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

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

Table with 2 columns: Question Number and Answer. Contains details about the project: Name, Type of institution, Name of Project Proponent, Name of Consultant, Type of project, etc.



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.
XXXX	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.
IIXXX	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
IIIXXX	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.
IIIXXX	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.
AXXX	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.
IAXXX	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.
IIAXXX	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.
IIIXXX	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
XXXXX	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.
LI	Six monthly monitoring reports should be submitted to the Regional office MoEF, Bhopal with copy to this department and MPCB.
LIH	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.
LIHII	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.
LIIV	Local body should ensure that no occupation certification is issued prior to operation of STP/MSW site etc. with due permission of MPCB.
LIV	A complete set of all the documents submitted to Department should be forwarded to the Local authority and MPCB.
LIVI	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Department.
LIVII	A separate environmental management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
LIVIII	Separate funds shall be allocated for implementation of environmental protection measures/BMP along with item-wise break-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.
LIX	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 .

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):	144
	Recycled water - Flushing (CMD):	72
	Recycled water - Gardening (CMD):	8
	Swimming pool make up (Cum):	2
	Total Water Requirement (CMD) :	224
	Fire fighting - Underground water tank(CMD):	400
	Fire fighting - Overhead water tank(CMD):	60
	Excess treated water	89
Wet season:	Source of water	MCGM + RWH
	Fresh water (CMD):	144
	Recycled water - Flushing (CMD):	72
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	216
	Fire fighting - Underground water tank(CMD):	400
	Fire fighting - Overhead water tank(CMD):	60
	Excess treated water	97
Details of Swimming pool (If any)	Swimming pool at terrace level	

12. IOD/IOA/Concession/Plan Approval Number	yes IOD/IOA/Concession/Plan Approval Number: Application to MHADA Approved Built-up Area:
13. Note on the initiated work (If applicable)	NA
14. LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Application to MHADA
15. Total Plot Area (sq. m.)	3359.31 Sq. Mts
16. Deductions	NA
17. Net Plot area	3359.31 Sq. Mts
18 (a). Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): 15848.93
	Non FSI area (sq. m.): 14990.60
	Total BUA area (sq. m.): 30839.53
18 (b). Approved Built up area as per DCR	Approved FSI area (sq. m.): -
	Approved Non FSI area (sq. m.): -
	Date of Approval: 01-01-1900
19. Total ground coverage (m2)	1881
20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	56
21. Estimated cost of the project	1250000000



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28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	1. Empty bags: 12500 nos. 2.Steel: 2 MT , 3. Aggregates: 3.7 MT, 4. Broken tiles: 410 sq m, 5. Empty Paint Cans (20 litre/ can): 460 nos.
	Disposal of the construction waste debris:	1. Empty bags to be handed over to local recyclers, 2. Steel to e handed over to local recyclers, 3. Aggregates to be used for layering internal roads, 4. Broken tiles to be used for terraces, 5. empty paint cans to be sold.
Waste generation in the operation Phase:	Dry waste:	442 kg/day
	Wet waste:	295 kg/day
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	9 kg/day
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Will be handed over to recyclers.
	Wet waste:	Biodegradable waste will be processed in OWC and manure so obtained will be used for landscaping
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Will be used as manure
	Others if any:	NA
Area requirement:	Location(s):	Ground
	Area for the storage of waste & other material:	29 sq mts
	Area for machinery:	10 sq mts
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs 10 lakhs
	O & M cost:	Rs 2 lakhs

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24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	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:	2 m
	Size and no of RWH tank(s) and Quantity:	68 cum and 2 nos.
	Location of the RWH tank(s):	Underground
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs 3 lakhs
	Budgetary allocation (O & M cost) :	Rs 0.2 lakhs
Details of UGT tanks if any :	10 nos.	

26.Storm water drainage	Natural water drainage pattern:	As per the natural slope
	Quantity of storm water:	0.14 cum/sec
	Size of SWD:	Width: 0.45 m x Depth: 0.45 m

27.Sewage and Waste water	Sewage generation in KLD:	188
	STP technology:	MBBR
	Capacity of STP (CMD):	190
	Location & area of the STP:	Ground
	Budgetary allocation (Capital cost):	Rs 50 lakhs
	Budgetary allocation (O & M cost):	Rs 5 lakhs

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 :	MSEDCL
	During Construction Phase: (Demand Load)	80 kW
	DG set as Power back-up during construction phase	100 KVA
	During Operation phase (Connected load):	6010.58 kW
	During Operation phase (Demand load):	1472.77 kW
	Transformer:	1 x 800 KVA, 1 x 1600 KVA
	DG set as Power back-up during operation phase:	1 x 380 KVA, 1 x 500 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

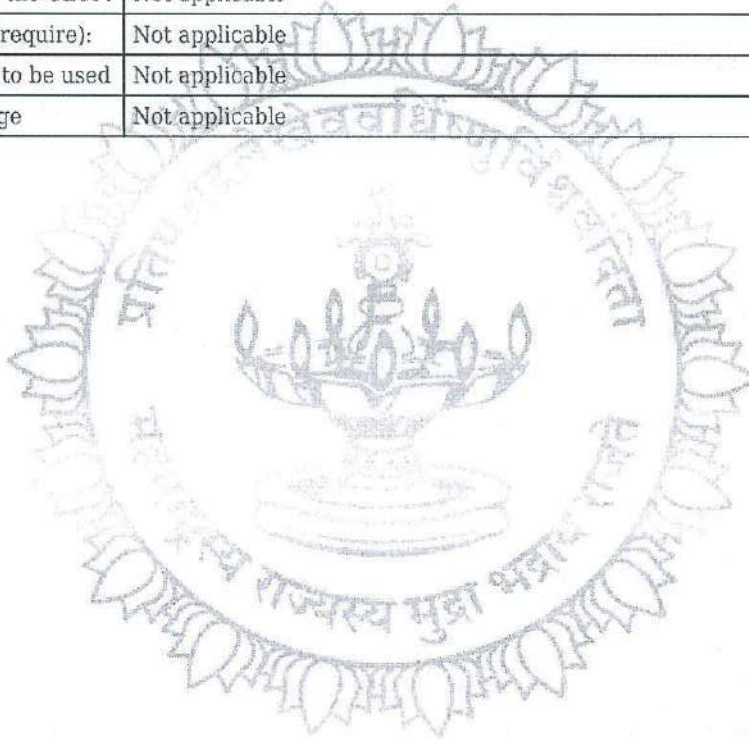
Energy saving by non-conventional method:

36. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Total savings	15 %

29. Effluent Characteristics

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



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	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	8(a)
	Court cases pending if any	NA
	Other Relevant Informations	
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	

3. The proposal has been considered by SEIAA in its 186th 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 upload the Railway NOC.
II	PP to replace the Pipe with rectangular storm water drains with gratings. PP to ensure that the capacity & velocity should be maintained as specified by SWD.
III	PP to approach local planning authority i.e MCGM for maintaining road & road side plantation by using their surplus STP water.
IV	PP to ensure that turning radius for fire tender movement should be 9mt.
V	PP to abide the all conditions laid in the CFO NoC as & when received.
VI	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.
VII	PP to submit CER prescribed by MoEF&CC circular dated 1.5.2018 relevant to the area and people around the project. The specific activities to be undertaken under CER to be carried out in consultation with Municipal Corporation or collector or Environment Department.
VIII	PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.
IX	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.
X	SEIAA decided to grant EC for - FSI:15848.93 m2. Non-FSI:14990.60 m2 and Total BUA:30839.53 m2 (Plan Approval no-BE/BP/Cell/GM/MHADA-38/390/2019, Date-17.10.2019)

General Conditions:

I	E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016.
II	The Occupancy Certificate shall be issued by the Local Planning Authority to the project only after ensuring sustained availability of drinking water, connectivity of sewer line to the project site and proper disposal of treated water as per environmental norms.
III	This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.
IV	PP has to abide by the conditions stipulated by SEAC& SEIAA.

SEIAA Meeting No: 186 Meeting Date: February 6, 2020 (SEIAA-STATEMENT-0000003608)
SEIAA-MINUTES-0000003010
SEIAA-EC-0000002105

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 40 lakhs
	O & M cost:	Rs 3 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	1.5
2	Noise Environment	Noise Barricades and Green Belt Developments	1
3	Water Environment	Modular STP, Drainage with sedimentation tanks	2
4	Good Health Practices	Site Sanitation & Health Care	0.5
5	Environment Monitoring	Air, water, noise soil monitoring during construction phase	1.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Rain Water Harvesting	RWH tanks	3	0.2
2	Solid waste management	OWC	10	2
3	Waste water management	STP	50	5
4	Energy conservation	Solar	40	3
5	Landscaping	Green Belt Development	20	4

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

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

40. Any Other Information

No Information Available

SEIAA Meeting No: 186 Meeting Date: February 6, 2020 (SEIAA-STATEMENT-000003608)
SEIAA-MINUTES-0000003010
SEIAA-EC-0000002105

L	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
LI	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
LII	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sector parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
LIII	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
LIV	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.



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CER

Sr. No.	Description	Details
1	Project Details	Proposed redevelopment of Existing Building 25, 26, 27 Trilochan CHS Ltd on plot bearing S N 6(pt), C S No 11 (pt) of village Sion Koliwada of MHADA layout Situated at Sardar Nagar No 2, Sion Koliwada Mumbai 400022
2	Project type (green/brown field)	Brown field
3	Cost of the project as mentioned in CS	Rs. 125 crores
4	Effective cost of the project for CER consideration (Cost of the project × 0.75%)	Rs 94 lakhs
5	Expected duration for completion of the project (years)	5 years

Activity	1 st year Rs. in lakhs	2 nd year Rs. lakhs	3 rd year Rs. In lakhs	4 th year Rs. In lakhs	5 th year Rs. in lakhs
Tree plantation	18	18	30	14	14
Storm water drain					
Sanitation + Water + Solid waste management					

नवी मुंबई पालिकेवर सत्ता गाजवणाऱ्यांनी शहराला लुटले! वडेघीवारांची नाईकांवर टीका

■ नेरुळ

लोकसेव्या नावाखाली या शहराला लुटण्याचे काम करणाऱ्यांना नवी मुंबईकर जनांना राबड शिकवले. पालिका निवडणुकीनंतर नवी मुंबईत कमीच परिवर्तन होणार. कोरम धडाकडुही महापालिका निवडणुकीची जोरदार तयारी सुरु झाली आहे.

यांनी केलेली. नेरुळ येथेच दोन वेढे नवी मुंबई कोरम नेरुळ ब्लॉक येथे इटकरचे जिल्हाध्यक्ष व्हीड यावात यांच्या निवडणुका महापालिका कार्यालयाचे उद्घाटन राण्याचे मंत्री विजय वडेघीवार यांनी आणवत व नवी मुंबईत कमीच परिवर्तन होणार. कोरम धडाकडुही महापालिका निवडणुकीची जोरदार तयारी सुरु झाली आहे.

झालेच पाहिले. कोरमधडाकडुही महापालिका निवडणुकीची जोरदार तयारी सुरु असेच कोरम पक्ष निवडणुका तयारीत सर्वांत पुढे असल्याचे आजच्या निवडणुक मध्यवर्ती कार्यालयाच्या उद्घाटनावरून दिसून येत आहे. नवी मुंबई कोरमचे प्रदेश सरचिटणीस संतोष शेठे. नवी मुंबई कोरमचे जिल्हाध्यक्ष अनिल कौशिक. माजी उपमहापौर अविनाश लाड, कोरमच्या प्रवक्त्या लीना निमये, सचिव विजय कुमुदरे, प्रवर्तक गायकवाड, नवनाथ चव्हाण, तुकाराम कदम, नगरसेविका मीरा पाटील, नवी मुंबई कोरम अल्पसंख्याकेचे अध्यक्ष अनवर हवलदार उपस्थित होते.

कॉलेज निवडणुका सुरू करा राष्ट्रवादी विद्यार्थी काँग्रेसची मागणी

■ मुंबई

कॉलेज निवडणुका बंद करून लोकाशाही निवडणुका प्रक्रिया बांधवणे योग्य नावा या निवडणुका घ्याय सुरु करणाऱ्या कॉलेज राज्य सरकारने ध्यानी आणि विद्यार्थ्यांना

उच्च व तंत्र शिक्षणमंत्र्यांची घेतली भेट

निवडणुकीची संधी घ्यावी, असे आवाहन राष्ट्रवादी काँग्रेसचे अध्यक्ष शरद पवार यांनी मुंबईतील द्याय संवाद कार्यक्रमामध्ये केले होते. त्यानुसार आगामी शैक्षणिक वर्षापासून कॉलेज निवडणुका सुरु करण्याची मागणी प्रवक्त महाराष्ट्र प्रदेश राष्ट्रवादी काँग्रेस व राष्ट्रवादी विद्यार्थी काँग्रेसचे मुंबई अध्यक्ष अमोल माते यांनी उच्च व तंत्र शिक्षणमंत्री

उदा. सामने यांची भेट घेऊन केली. राज्य १९१४ पासून महाविद्यालयीय निवडणुका बंद आहेत. नवीन विद्यार्थी कॉलेज २०११मध्ये निवडणुका सुरु पद्धतीने वेगळ्या अंतर्गत आहे. असे असताना या कायद्याची अंमलबजावणी लागू करता येत नाही. त्यामुळे आगामी शैक्षणिक वर्षापासून विद्यार्थी परिषदेच्या निवडणुकांची नियमावलीसह वेळापत्रक कॉलेज सुरु होण्याच्या अगोवर राखण्याची सर्व विद्यार्थीपदांनी जाहीर करावे, अशी मागणी अमोल माते यांनी केली. विद्यार्थीपदांनी कॉलेज निवडणुकीची प्रक्रिया १ जुलैपासून सुरु केल्यास निवडणुका दिवाळीपूर्वी पूर्ण होतील. दिवाळीपूर्वी निवडणुका पूर्ण पडल्यास सर्गून वर्षभर विद्यार्थ्यांनी नेरुळ कायद्याची संधी मिळेल. या मागणीची योग्य दाखल घेण्याचे आश्वासन यावेळी सामने यांनी दिले.

संधी
जॅकपॉट जिंकण्याची
₹83,16,775
खेळण्यासाठी 01 ते 49 नंबर मधून आपले 6 लकी नंबर निवडा
राजश्री लॉटरी

घरचे जेवण न दिल्याने कैद्याचा पोलीसावर हल्ला

ठाणे, प्रतिनिधी- कुठडीवांनी आणल्याचा घट्ट्या जेवणामाजवळ केवळच्या रमातून केवळाने चक पोलीसाच्या अंगार धुकत करणाला हत्या घेतल्याचा प्रकार घडला आहे. मोहम्मद सोहेल मसुरी (२६) असे त्या कैद्याचे नाव असून काळ त्याच्यास इतर ८ कैद्यांना ठाणे मध्यवर्ती कारागृहातून मुंबईतील दिंडोशी न्यायालयात मुलायमीकरून परत असताना टाण्यात हा धडादायक प्रकार घडला. मसुरी यांनी पोलीस वाहनाचा शिवीगाळ करून सोडला नमुनात अडकण्याची धमकी दिल्याने त्याच्या विरोधात गोळा पोलीस टाण्यात गुन्हा दाखल केला आहे. तर जखमी पोलीस वर मिळिल रुग्णालयात उपचार करून सोडण्यात आले.

पुण्याचा हवामानाचा दर्जा रवालावला

वाढते शहरीकरण, बांधकाम प्रकल्प आणि वाढत्या धुमाळी पुणे शहराचा हवामानाचा दर्जा खालावला आहे. वायू प्रदूषण वाढले असून या वृत्तीत पाच महिने पुण्याची हवा ग्रेड असल्याची धडादायक माहिती संशोधनातून पुढे आली आहे. राज्यत सर्वाधिक हवा प्रदूषण असलेल्या शहरांच्या यादीत पिंपरी-चिंचवड आणि पुणे पहिल्या दहा क्रमांकात आले आहे.

पश्चिम रेल्वे
एवरी हि इलेक्ट्रिक
आवृत्तीतून इलेक्ट्रिक
पुणे शहर ३.३०
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३.३०

नारायण राणेचा 'फॅक्टर' संपलाय काँग्रेसच्या राजन भोसलेची टीका

सिधुर्ग, प्रतिनिधी - कोरमला अर्धवट सोडून गेल्याने नारायण राणे यांचा 'फॅक्टर' संपल्यात जमा आहे. त्याचा फायदा कोणाला झाला असा टीका कोरमचे प्रदेश सरचिटणीस राजन भोसले यांनी सावतवाडीत लगावला. कोरमच्या पदाधिकाऱ्यांनी संपुका प्रकरात परिषद घेतली. यावेळी ते बोलत होते. आगामी काळात जिल्हात कोरम एक नवका पक्ष होईल, त्या हेही आमची मोर्चेबांधणी सुरु आहे. दरम्यान माजी जिल्हाध्यक्ष विकास यावंत यांचेसुद्धा योगदान मोठे आहे. त्यामुळे त्यांना पक्ष वायावर मोडणार नाही, तर त्यांच्यावरील मोठी जबाबदारी देण्यात येईल, असा विश्वास राजन भोसले यांनी यावेळी व्यक्त केला. यावेळी नवनिर्वाचित जिल्हाध्यक्ष बाळा गाळे, माजी आमदार सुधाप चव्हाण, माजी नारायणसह साईराज चव्हाण, माजी नारायणसह दिलीप नाईक, दादा पवार, राजू मधुकर, इराद शेख, राधेशंकर नाईक, आशा केंद्रक, कीरुचु पळेंडें आदी उपस्थित होते.

भयभीत
२४ कात
गणेश
२४ कात
गणेश

कैमरी
२४ कात
गणेश

PUBLIC NOTICE
NOTICE is hereby given that the Share Certificate No. 37 of Rs. 50 each bearing Docket No. 113 to 185 issued by Door-Darshan Employees Co-op. Housing Society Ltd., situated at Goldilocks, Goregaon (East), Mumbai-400 063 in the name of Hiteshu Kedar Shah in request of Flat No. 503 on the 6th floor of the Building of the said of Door-Darshan Employees Co-op. Housing Society Ltd., has been lost & not traceable in spite of due diligence. Society intends to issue of duplicate share certificate. Any person having any objection or claim to issue a duplicate share certificate in lieu of the lost one, should communicate his objection in writing to the society addressed to the Hon. Secretary within Fifteen Days (15) from the date of issue of this notice. If no objection is received within the stipulated period, the duplicate certificate will be issued in lieu of the lost/untraceable certificate.

राजश्री 100
Monthly Paper Lottery
पहिले वक्रिस ₹50 लाख
₹100
1500 पेक्षा अधिक टिकीट खरेदी करी होणे दिलीची संधी संपक करण
Mumbai: 022-68351555, Pune: 9552529037, Aurangabad: 7887880178
Nagpur: 9552002387, Goa: 9552529017, Nashik: 9552529025

मन फकीरा
6 MARCH
प्रेम...आहे, नाही, बहुतेक, वेगळे...

दियर लॉटरी
करोडपती होण्याची संधी
आता दिवसातून 3 वेळा
तेही फक्त 6 रुपयांत
मॉनिंग 11.55, इ 4.00, इव्हनिंग 8.00
₹10000
₹10000

मन फकीरा
सर्वत्र प्रदर्शित
जगातूनचे खास आकर्षण मिराज खी विनेमा शोविना ३.३०

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: GESEC/PRO/AAQM/2023-24/10/994
Date of Report	: 19/10/2023
Client	: M/s Shikara Constructions Pvt. Ltd..
Site	: Project Site
Address	: Village Sion , Mumbai
Date of Sampling	: 09/10/2023

RESULTS OF ANALYSIS

Sr. No.	DESCRIPTION	UNIT	RESULT	NAAQS
01	DATE OF SAMPLING	DD/MM/YY	09/10/23	
02	TEST LOCATION		Project site	
03	AMBIENT TEMPTURE (MAX/MIN)	°C	32.5/26.5	
04	RELATIVE HUMIDITY	%RH	54	
05	SAMPLING DURATION	Min	1440	
06	PM ₁₀	µg/M ³	97.20	100
07	PM _{2.5}	µg/M ³	52.20	60
08	SO ₂	µg/M ³	34.50	80
09	NO _x	µg/M ³	48.20	80
10	CO (1 Hrs)	mg/M ³	2.20	4.0

REMARK/OBERVATIONS

NAAQS – National Ambient Air Quality Standards.

Monitoring results are well within the limits prescribed by

ANALYZED BY

NAAQS



AUTHORIZED SIGNATORY

Terms and conditions



1. The report is refer only to the sample tested and not applies to the bulk.
2. The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
3. The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
4. Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
5. We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
6. If on site there is no proper sampling location, source or port available the result of testing is not challenge
7. MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.



Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB) and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

Ambient Noise Monitoring Report

Report No.	: GESEC/PRO/ANLM/2023-24/10/995
Date of Report	: 19/10/2023
Client	: M/s Shikara Constructions Pvt. Ltd
Site	: Project Site
Address	: Village Sion , Mumbai
Date of Sampling	: 09/10/2023

Time	Main Gate	Near Construction area
Day Time (dB) (6 A.M. – 10 P.M.)	70.80	66.50
Night Time (dB) (10 P.M. – 6 A.M.)	60.00	55.40
REMARK/OBERVATIONS: All the measured values are within CPCB limits		
ANALYZED BY 	AUTHORIZED SIGNATORY 	



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SOIL ANALYSIS REPORT

CLIENT'S NAME & ADDRESS	REPORT NO	GESEC/PRO/SO/2023-24/10/996
M/s. M/s Shikara Constructions Pvt. Ltd Village Sion , Mumbai	DATED	19/10/2023
	DATE OF SAMPLING	09/10/2023
	DATE OF ANALYSIS	10-12/10/2023


RESULTS OF ANALYSIS

Sr. no	Parameters	Unit	Project Site
1	pH	-	7.60
2	EC	µS/cm	274.00
3	Bulk Density	gm/cm ³	1.50
4	Water Holding Capacity	%	48.00
5	TKN	%	0.80
6	Organic matter	%	0.90
7	Calcium	mg/100gm	88.0
8	Chlorides	mg/100gm	46.0
9	Magnesium	mg/100gm	38.0
10	Sulphate	mg/100gm	48.50
11	Available Phosphorous	mg/100gm	0.80
12	Sodium	mg/kg	22.40
13	Potassium	mg/kg	82.80
14	Copper	mg/kg	3.6
15	Iron	mg/kg	282.00
16	Lead	mg/kg	1.6
17	Zinc	mg/kg	1.10
18	Chromium	mg/kg	0.05

ANALYZED BY



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