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ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board

“ಪರಿಸರ ಭವನ”, 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ
“Parisara Bhavana”, 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA

Excel Dwelling.

Reg. No. 112918 dated 02.07.2016

/ BY REGD. POST WITH ACK. DUE /

(This document contains 05 pages)

NO. PCB/125/CNP/16/

17-199

Date: 29 SEP 2016

To

Mrs. Suvarna Manohar & Mr. C.R. Manohar,
M/s. Excel Dwelling India Pvt. Ltd.,
No. 44, 3rd Floor, 12th Main, 17th Cross,
6th Sector, HSR Layout,
Bengaluru - 560 102.

Sir,

Sub: Consent for Establishment (CFE) to develop Residential Layout with 197 Sites in an extent of 11 Acres 02 Guntas at Sy. No. 92/5 & 92/8 of Mattanahalli Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban Distreict by M/s. Excel Dwelling India Pvt. Ltd.

- Ref: 1. CFE applications received at Regional Office, KSPCB, Sarjapura on 02.07.2016.
2. Inspection of the proposed project site by Officer of the Regional Office, KSPCB, Sarjapura on 06.07.2016.
3. Hon'ble NGT Order dated 04.05.2016 in respect of OA-222 of 2014.
4. Proceedings of the consent committee meeting held on 18.08. 2016.
5. This Office letter n. 3517 dated .03.09.2016.
6. RSEO, Bangalore South Inspection report No. 119 dated 03.09.2016.
7. Proceedings of the Consent Committee Meeting held on 17.09.2016.
8. Project Proponent Letter Dtd-19.9.2016

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With reference to the above, it is to be informed that this Board hereby accords Consent for Establishment under the Water (Prevention & Control of Pollution) Act 1974, to develop Residential Layout with 197 Sites in an extent of 11 Acres 02 Guntas at Sy. No. 92/5 & 92/8 of Mattanahalli Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban Distreict by M/s. Excel Dwelling India Pvt. Ltd., subject to the following conditions.

I. Environmental Aspects and Management during the course of construction:

- a) The applicant shall arrange services like housing facility, water supply, sewage facilities on a temporary basis at construction site and same shall be maintained without any adverse impact on the environment.

Senior Environmental Officer

AVOID USE OF PLASTICS-BE 'ECO' FRIENDLY

“ಪ್ಲಾಸ್ಟಿಕ್ ಬಳಕೆ ನಿಲ್ಲಿಸಿ, ಪರಿಸರ ಹಾನಿ ತಪ್ಪಿಸಿ”

- b) The applicant shall control the movement of vehicles carrying construction materials in order to avoid noise pollution in the surrounding.
- c) The applicant shall obtain Consent for Operation (CFO) from the Board before handing over to residents Association.
- d) This CFE is issued only from the point of water pollution control and does not have any relevance over land dispute, any pending cases with any Departments/Hon'ble Courts.
- e) Sewage Treatment Plant (STP) and solid waste processing facility (for Organic) shall be provided and operated satisfactorily by the project proponent himself before it is handed over to Association/Company.
- f) The project proponent shall strictly adhere to the directions issued in the Judgement given by Hon'ble National Green Tribunal with respect to OA 222 of 2014 dated 04.05.2016.
- g) The applicant shall strictly maintain 75 Mtrs as green belt / buffer zone from the periphery of any Lake as per NGT order dtd-04.05.2016 in case of OA 222 of 2014. The buffer/Green zone would be treated as no construction zone for all intent and purpose.
- h) The applicant shall maintain 50m from the edges of the primary Rajakaluves, 35m from the edges in the case of Secondary Rajakaluves & 25m from the edges in case of tertiary Rajakaluves.
- i) The applicant shall submit final approved plan from competent authority to the Board before taking up any construction activities.

II. WATER CONSUMPTION:

1. The water consumption for the above project activity shall not exceed **133 KLD**. The applicant shall not draw water from borewell without permission of CGWA.

III. WATER POLLUTION CONTROL:

1. The total quantity of sewage shall not exceed **106 KLD** and shall be treated in the sewage treatment plant of capacity **110 KLD** with the treatment scheme as submitted in the STP proposal to meet the standards stipulated below before utilizing for Urban Reuse viz., landscape irrigation, vehicle washing, toilet flushing, use in fire protection and commercial air conditioners. STP shall be constructed on modular basis to cater to phase-wise development and applicant shall follow STP construction and operation guidelines published by the Board.


 Senior Environmental Officer


Sl. No	Parameter	Parameters Limit.
01.	pH	6.5 – 9.0
02.	BOD (mg/l)	Not more than 10
03.	COD (mg/l)	Not more than 50
04.	TSS (mg/l)	Not more than 20
05.	NH ₄ -N (mg/l)	Not more than 5
06.	N-Total (mg/l)	Not more than 10
07.	Fecal Coliform (MPN/100 ml).	Less than 100

- Applicant shall add appropriate disinfectant to treated sewage to ensure some residual chlorine preferably in the range of 1 mg/l. to 3 mg/l.
- If the treatment plant do not achieve the effluent standards stipulated under conditions (1) above or if it is found to be inadequate, then the applicant shall have to modify the units so as to meet the standards with prior consent of the Board.
- All the treatment units shall be made impervious and there shall not be any discharge of sewage outside the premises.
- Separate energy meter shall be provided to STP's also flow meters as per water Cess Act, 1977. A log book on reading of energy meter and flow meters shall be maintained.

IV. AIR POLLUTION CONTROL:

- There shall not be any air pollution sources without prior approval from the Board.
- The applicant shall provide dust suppression systems with water sprinkling system during construction period.
- The applicant should make provisions for dual piping system to use the treated sewage water for toilet flushing, gardening and other secondary purposes

V. NOISE POLLUTION CONTROL:

- The applicant shall ensure that the ambient noise levels and ambient air quality within its premises during construction and after construction shall not exceed the limits specified in the Environment (Protection) Rules, i.e., the noise level from the noise generating equipments viz., DG sets, AC units etc., shall not exceed 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- The applicant shall maintain the ambient noise standards as prescribed below during construction and after construction.

Category of Area/Zone	Limits in dB(A) Leq.	
	Day Time	Night Time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40


 Senior Environmental Officer


VI. SOLID WASTE DISPOSAL & Hazardous Waste Disposal:

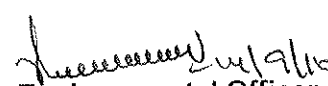
1. The applicant shall collect, treat and dispose off all solid waste generated during construction i.e. Muck, and Garbage after construction if any in such manner so as not to cause environmental pollution.
2. The applicant shall apply and obtain authorization for management & handling of waste oil under Hazardous & other Waste (Management & Transboundary Movement) Rules, 2016.
3. The applicant shall earmark sufficient place for segregation and processing and convert the bio-degradable solid waste generated from unit into compost within their premises with scientific method.
4. The applicant shall strictly follow the Government Notification No. FEE 17 EPC 2012 Bangalore dated 11.03.2016 with regard to plastics ban.
5. The applicant shall strictly follow Construction & Demolition Waste Management Rules, 2016.

VII. HEALTH & SAFETY:

1. The applicant shall provide all necessary healthcare facilities to workers and shall carry out routine health survey among workers.
2. The applicant shall provide all safety measures including personal protective equipments to workers during construction.

VIII. GENERAL:

1. The applicant shall maintain natural nallah and other such feature as in the Revenue Survey Map.
2. The applicant shall comply with the provisions of Water (Prevention and Control of Pollution) Cess Act, 1977.
3. The applicant must create structure/facility for rain water harvesting and ground water recharge.
4. The applicant shall provide dual piping system in the layout in order to use the treated sewage for toilet flushing, gardening and other secondary purposes.
5. The applicant shall arrange for alternate power supply in the form of D.G.Set to run and operate the essential units of sewage treatment plant, in event of brake down of regular supply from Electricity Board.
6. Exact date of commissioning of the sewage treatment plant shall be informed to this Board 45 days in advance so as to make necessary inspection of the plant and the pollution control measures provided by the applicant
7. The applicant shall appoint a qualified Environmental Engineer/ Scientist for the Management of Environmental aspects and also establish Environmental Cell to oversee the operation of STP.


Senior Environmental Officer



8. The applicant shall make provisions for wooded Buffer zone all along the periphery of the layout.
9. The applicant shall implement the Environmental Management Plan during construction and after construction as given under EMP report.
10. The applicant shall not change or alter (a) number of Sites (b) Layout plan (c) the quality, quantity or rate of discharge/ emissions and (d) install/replace/alter the water or air pollution control measures without the prior approval of the Board.
11. The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc., in excess of the standards stipulated, and the applicant shall immediately take appropriate corrective and preventive actions under intimation.
12. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
13. This consent for establishment is valid for **Five years** from the date of issue for completion of all construction operations.
14. This CFE does not give any right to the Party/Project Authority to forego any legal requirement, which is necessary for setting/operation of the project.
15. The project authorities shall dispose scientifically Bio-Medical waste and electronic waste to authorized common disposal facility and authorized recyclers respectively by entering into agreement as per new Bio Medical Waste Management Rules, 2016 and E- Waste (Management) Rules, 2016.
16. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration and pay in advance an amount equal to the cost estimated by Competent Agency or Committee.
17. The CFE is issued without prejudice to the Court case pending in any Hon'ble Court.

Please note that separate consent of the Board for discharge of liquid effluent shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 45 days in advance to completion of Residential Layout. Issue of consent will be considered only after completion of sewage treatment plant, solid waste management facilities.

The receipt of this letter may please be acknowledged.

For and on behalf of
Karnataka State Pollution Control Board


Senior Environmental Officer.

