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STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY (SEIAA)-DELHI
OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
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F.No. DPCC/SEIAA-III/C-345/DL/2018/ 6777-6788

Dated: 14/03/2018

Environmental Clearance No.: SEIAA-D/ C-345/EC-344/2018.

To,

Executive Engineer, EE/WD-13
Delhi Development Authority,
Lakkar Mandi, Kirti Nagar,
New Delhi

Sub: Environmental Clearance for construction of "Prefab CAT II & EWS Housing at Pocket 5, Sector -14, Dwarka, Delhi" by M/S Delhi Development Authority.

This has reference to your application submitted in Online Submission & Monitoring of Environmental Clearances (OSMEC) Portal of MoEF & CC, GOI vide Proposal No. SIA/DL/NCP/19214/2017 for seeking Environmental Clearance under Environmental Impact Assessment Notification dated 14.09.2006 amended as on date for Environmental Clearance of "Prefab CAT II & EWS Housing at Pocket 5, Sector -14, Dwarka, Delhi" and subsequent presentation given before the State Level Expert Appraisal Committee (SEAC) for seeking prior environmental clearance for subject cited project as required under the EIA Notification, 2006. The ToR has already been issued by SEAC, Delhi on 23.03.2017. The proposal has been appraised in the 89th, 90th, 91st & 92nd meeting of SEAC held on 29.04.2017, 29.07.2017, 23.09.2017 and 04.11.2017 as per procedure prescribed under the provisions of EIA Notification dated 14.09.2006 on the basis of the documents submitted with the application viz., Form-I, I-A, EIA Report and the additional clarifications/documents furnished in response to the observations of the State Level Expert Appraisal Committee the following details are inter-alia noted :

Project will be located at 28° 36' 24.34" N latitude and 77° 01' 45.51" E longitude.

Area detail: The total plot area of the project is 43100 Sqm and net plot area is 41526 sq.m. The total built-up area will be 153313.81 sq.m. The maximum permissible FAR is 83052.24 sq.mt and proposed FAR is 83023.23sq.mt. The Non FAR area is 70290.78 sq.m. The maximum permissible ground coverage is 13828.20 sq.m. and proposed ground coverage will be 8400.99 sq.mt. The total proposed basements are 2 & its area will be 19830.23 sq. m. Total Nos. of Dwelling Units are 1640 out of which 1008 dwelling units are for EWS. The total number of block for CAT II are 6 & for EWS are 4. The total number of Floors in CAT II are (S+15), (S+14) & for EWS are (S+14). Maximum height of the proposed building is 50 m.

Water details: During construction phase, total water requirement is 10-15 KLD and during operational phase water requirement is 1402.8 KLD out of which 1022.4 KLD is fresh water requirement. Water supply scheme for the project has been approved by DJB. During operational phase waste water generation is 1113.2 KLD which will be treated in STP is 1200 KLD capacity. Total treated effluent is 890.4 KLD out of which 380.4 KLD will be recycled (flushing-369 KLD &

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18. Health and safety norms of CPWD should be followed during construction.
19. Soil and water samples of the site should be tested by the proponent through DPCC recognized laboratory to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants, on quarterly basis for inclusion in the six monthly report.
20. Adequate steps shall be taken to conserve energy by limiting the use of glass 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, provision of proper thermal insulation and taking measures as prescribed under the Energy Conservation Building Code.
21. Energy Conservation Building Code to be strictly adopted in all aspects of building design and construction.
22. 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 all surroundings.

III. OPERATION PHASE

1. The Zero wastewater discharge condition to be achieved with installation of on-site Sewage Treatment Plant & treated effluent shall conform to the norms and standards prescribed by Delhi Pollution Control Committee. The STP should be certified by an independent expert and adequacy report in this regard should be submitted to Delhi Pollution Control Committee & State Level Environment Impact Assessment Authority before the project is commissioned for operation. Necessary measures should be made to mitigate the odour problem from STP.
2. The project proponent shall provide electromagnetic flow meter at the inlet & outlet of the water supply, Inlet & outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for cooling, flushing and for horticulture purpose/green etc. and shall maintain a record of readings of each such meter on daily basis.
3. The quantity of fresh water usage and water recycling shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Delhi Pollution Control Committee, State Level Environment Impact Assessment Authority & Regional Office, MoEF&CC along with six monthly Monitoring reports.
4. The treated wastewater shall be recycled and reused for Cooling, flushing & for Horticulture/landscape purposes to reduce the demand of fresh water as committed.
5. The Operation and Maintenance of STP shall be through MoU with STP supplier. Project Proponent shall ensure regular operation and maintenance of the STP.
6. Rain water harvesting, as per plan submitted, for roof top run-off and surface run-off should be implemented. Before recharging the surface run-off, pre-treatment must be done to remove suspended matter, oil and grease. The depth of the bore for rainwater recharging should be kept in consultation with DJB/CGWA. No wastewater (such as sewage, trade effluent, backwash of treatment unit, floor washing wastewater etc) should be discharged into the rainwater harvesting structure in order to avoid groundwater contamination.
7. The ground water drawl from existing/proposed bore well during operation phase, if any, should be done only with the prior permission of DJB. The ground water level and its quality should also be monitored regularly.
8. Construction/provision of the Utilities, earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on.

9. 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 and for water conservation.
10. Separation of grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by decentralized treatment should be done.
11. All the pipelines carrying water/ waste water should be distinguished using colour coding on raw & potable water pipes, grey water, black water, reuse lines of treated water for flushing, cooling & Horticulture etc.
12. Utilization of Diesel power generating sets is subject to power failure condition only. The DG sets proposed as a source of power back up during operation phase should be of enclosed type, low sulphur diesel run and conform to rules made under the Environment (Protection) Act, 1986. The DG sets should be subjected to periodic noise and stack monitoring. Waste/used diesel should be stored and managed as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
13. 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.
14. Energy Conservation measures such as solar lighting for common areas, solar water heating system, LEDs for lighting of areas, signage, solar inverters etc should be adopted.
15. Used CFLs/ LEDs should be properly collected and disposed off/ sent for recycling as per the prevailing guidelines/rules of the regulatory authority.
16. A Report on energy conservation measures conforming to energy conservation norms finalized by Bureau of energy Efficiency should be prepared incorporating details about building materials and technology, R & U factors etc and submit a copy to Ministry of Environment & Forests, Regional Office, Lucknow and DPCC in three months time with intimation to SEIAA.
17. Thick green belt of the adequate width and density with local species, as per plan submitted, shall be raised along the periphery of the plot so as to provide protection against particulates and noise. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety.
18. Traffic congestion near the entry and exit points from the roads adjoining the project site must be avoided. Parking should be fully internalized and no public space should be utilized.

IV. ENTIRE LIFE:

1. The project proponent will be responsible for the operation, maintenance and implementation of environmental safeguards for the project.
2. Environmental Management Cell shall remain functional to supervise and monitor the environment related aspects of the project.
3. The project proponent shall operate and maintain the installed Sewage Treatment Plant to achieve the Zero wastewater discharge condition & treated effluent shall conform to the norms and standards prescribed by Delhi Pollution Control Committee.
4. The project proponent shall properly maintain the installed electromagnetic flow meters and the quantity of fresh water usage and water recycling shall be measured and recorded to monitor the water balance. The record shall be submitted to the Delhi Pollution Control Committee, State Level Environment Impact Assessment Authority & Regional Office, MoEF&CC along with six monthly Monitoring reports.

Horticulture-11.4) and rest of 510 KLD will be used in other construction projects. Number of RWH pits proposed are 9 and total 31 recharging bores are proposed..

Solid waste: About 4920 kg/day of municipal solid waste will be generated.

Power: The total power requirement is 16840 kw and will be met from BRPL. The DG Sets of total capacity of 1500 KVA are proposed and water supply pumps backup is proposed by using DG Sets (1x125 KVA).

Parking facility: The total proposed parking facility is 1268 ECS and total parking required is 1257 ECS.

Eco-Sensitive areas: Distance from Asola Bird Sanctuary and Okhla Wildlife Sanctuary is more than 10 kms from the project site.

Plantation: Total green Area Proposed is 11461 sq.m & number of trees proposed are 550 against the requirement of 520.

Cost of the project: The cost of the project is Rs 24900 (in lacs).

The requirements of the project have been taken into account by SEAC during the appraisal of project. The SEIAA took account of the discussions and environmental conditions imposed during the consideration of the project in the SEAC meetings held on 29.04.2017, 29.07.2017, 23.09.2017 & 04.11.2017. The State Level Environment Impact Assessment Authority, Delhi (SEIAA-Delhi) in its 53rd meeting held on 05.12.2017 approved the grant of Environmental Clearance and reviewed the matter in its 54th and 55th meetings held on 10.01.2018 and 09.02.2018 and subsequently in its 56th meeting held on 09.03.2018, accorded the Environmental Clearance to the above said project as per provisions of Environment Impact Assessment Notification, 2006 and its subsequent amendments, subject to the strict compliance of the terms and conditions as follows:

PART A - SPECIFIC CONDITIONS:

I. PRE-CONSTRUCTION PHASE

1. The Project Proponent shall obtain all other necessary requisite clearances/ permissions from concerned authorities/ agencies before commencement of work.
2. The Project Proponent shall adhere to water assurance form Delhi Jal Board / Authorised source for the proposed development work.
3. A first aid room to be provided in the project both during construction and operation phase of the project.
4. The approval of competent authority shall be obtained for structural safety of the building due to earthquake, adequacy for fire fighting equipment's etc as per National Building Code including protection measures from lightening etc.
5. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
6. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after completion of the project.

II. CONSTRUCTION PHASE:

1. The Project Proponent shall ensure that the guidelines issued by Ministry of Environment, Forests & Climate Change (MoEF&CC), vide OM No. 19-2/2013-1A.III dated 09.06.2015, to be followed for building and construction projects to ensure sustainable environmental management in pursuance of the EIA Notification, 2006, as applicable, are followed in this project.
2. All the top soil excavated during construction activities should be stored for horticulture/landscape development within the project site.

22. Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(Dr. B.C. Sabata)
Member Secretary
SEIAA-Delhi

Copy to:

1. Sh. Krishan Mohan Sahni, Chairman, State Level Environment Impact Assessment Authority-Delhi, 38, Pocket-2, Jasola Vihar, New Delhi.
2. The Secretary (Environment)-cum-Chairman (DPCC), Department of Environment, Govt. of NCT Delhi, Secretariat Building, 6th Level, C-Wing, I.P. Estate, New Delhi-02.
3. The Vice Chairman, DDA, Vikas Sadan, INA, New Delhi.
4. The Commissioner (Planning), DDA, Vikas Minar, IP Estate, New Delhi-110002.
5. The Chief Executive Officer (CEO), Delhi Jal Board, Varunalaya, Jhandewalan, New Delhi.
6. The Commissioner, South Delhi Municipal Corporation, 4th floor, Dr. S.P.M. Civic Centre, JLN Marg, New Delhi-110002.
7. The Deputy Commissioner of Police, South District, Police Station, Hauz Khas, New Delhi-110016.
8. The Director, Fire Services, 101, Kashmiri Market, Connaught Place, New Delhi, Delhi 110001
9. The Additional Principal Chief Conservator of Forests (C), Regional Office (Central), Ministry of Environment, Forests & Climate Change, Govt. of India, Kendriya Bhawan, 5th Floor, Sector-H, Aliganj, Lucknow-226024, Uttar Pradesh.
10. The Director, Impact Assessment Division, Monitoring Cell, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jor bagh, New Delhi-110003.
11. The Member Secretary, Central Ground Water Authority, 18/11, Jamnagar House, Mansingh Road, New Delhi-110011


(Dr. B.C. Sabata)
Member Secretary
SEIAA-Delhi

5. The ground water drawl from existing/proposed bore well, if any, should be done only with the prior permission of DJB.
6. Rainwater harvesting system shall be properly maintained and kept functional and periodical cleaning of the same shall be undertaken specifically including the period before onset of the monsoon.
7. Incremental pollution loads on the ambient air quality, noise, stack and water quality should be periodically monitored.
8. Thick green belt of the adequate width and density with local species, as per plan submitted, shall be maintained.
9. Traffic congestion near the entry and exit points from the roads adjoining the project site must be avoided. Parking should be fully internalized and no public space should be utilized.

V. OTHER SPECIFIC CONDITIONS:

1. Sign board be placed at project site indicating the Khasra No. of the land as per revenue record.
2. Treated water of STP shall be used for construction purposes.
3. Packaged/ mobile STP shall be provided for labour camp during construction phase.
4. Ground water should be extracted for potable purposes in emergency situation only during the occupancy of the project after the permission from DJB. About 1022.4 KLD of fresh water for operational phase will be met by DJB, hence this project will increase the demand of fresh water from DJB by 1022.4 KLD.
5. Boring for Rain Water Harvesting system should not be permitted/ done before completion of structure work. A rain water harvesting plan consisting the recharge bores of minimum 1 recharge bore per 5000 Sq.m of built up area and storage capacity of minimum 1 day of total fresh water requirement shall be provided. All recharge should be limited to shallow aquifer.
6. The Project Proponent shall install adequate STP to treat the waste water so that BOD level must not exceed 10 mg/l in treated water under all circumstances.
7. Flow meters should be installed to monitor consumption of fresh water as well as treated water and log book for these flow meters be maintained in a regular manner. Flow meters shall be installed at Inlet of STP, outlet of STP, inlet of flushing tanks, inlet of cooling water tanks and reuse line for horticulture purposes.
8. Project proponent should provide the infrastructure/ fixed pipelines for proper distribution of excess treated waste water in a planned manner for the green area of the sector 13 & 14 including green strips along the roads, for fulfilling the water requirement of flushing/cooling for the commercial & public/semi-public developments in sector and in parks and parks developed/being developed in & around sector 13 & 14 Dwarka. DDA shall undertake all necessary infrastructure work in this regard before occupancy of the project.
9. The project proponent, before starting the construction, will reconfirm the nonexistence of any water body in and around (within 500m) the project site. It will be ensured that water body/bodies(identified as per guidelines MPD 2021) in and around the project site shall not be affected due to proposed development work.
10. Minimum 1 tree for every 80 Sq. Mt of plot area should be planted within the project site in accordance with the landscape plan submitted. Between two trees there should be minimum two shrubs be planted i.e., double the number of trees proposed.
11. Solar Photovoltaic (SPV) system should be installed to meet electricity generation equivalent to 1 % of demand load. Solar water heating shall be provided to meet its hot water demand as far as possible.
12. Only LEDs should be used.
13. Green building norms should be followed with a minimum 3 star GRIHA rating and Gold rating should be followed up.
14. Total capacity of DG sets should not exceed 50% of the total load.

15. Construction & Demolition waste should be disposed of at authorized C&D waste processing unit.
16. Minimum 8 m high barricade should be provided all around the project site before the start of construction.
17. During the Construction Phase for control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 4.12.2014 & 10.04.2015 in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India &ors.
18. Project proponent shall be responsible for establishment, operation and maintenance of all common facilities and also for compliance of EC conditions during operation stage.
19. In view of MoEF&CC Office Memorandum No. 21-270/2008-IA.III dated 19.06.2013 read with MoEF&CC Office Memorandum No. 22-154/2015-IA.III dated 10.11.2015, this environmental clearance is granted focusing only on the environment concerns. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD-2021, Building Control Regulations and Safety Regulations.
20. The Project Proponent shall obtain water assurance from Delhi Jal Board / authorised source during construction / operation phase for the proposed development work. It must be obtained before starting the construction.
21. The Environmental Clearance is subject to the condition that concerned local civic agencies will give the permission for use/ occupation of the building only after the written assurance of DJB/ New Delhi Municipal Council / other such local civic authority (as the case may be) regarding supply of adequate water for the residents/ occupiers.
22. Grant of environmental clearance does not necessarily implies that water/ power supply shall be granted to the project and that their proposals for water/ power supply shall be considered by the respective authorities on their merits and decision taking.
23. The investment made in the project, if any, based on environmental clearance so granted, in anticipation of the clearance from water/ power supply angle shall be entirely at the cost and risk of the project proponent and SEAC/SEIAA, Delhi shall not be responsible in this regard in any manner.
24. Green area should not be less than 25 % of the plot area out of which minimum 15 % should be of soft green area, so that there should be sufficient recharging of ground water. Further along boundary wall, minimum of soft green space of 2m width be kept for better tree growth & ground water recharge, based on area of 6' x 6' / tree being a norm.
25. Adequate ventilation should be provided in case of basements and during the operation phase the concentration levels of Carbon dioxide, Carbon Monoxide should be monitored periodically and also be reported in periodical compliance reports to be submitted. NDx, SOx and PM are also be maintained in basement as per EPA norms.

PART B – GENERAL CONDITIONS:

1. The project proponent should prominently advertise in at least two local Newspapers widely circulated in the region indicating that the project has been accorded Environmental Clearance and copy of clearance is available with the DPCC and may also be seen on the website of DPCC at <http://www.dpcc.delhigovt@nic.in>. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF&CC and SEIAA-Delhi.
2. The project proponent should submit copy of Environmental Clearance to the Heads of Local bodies, Panchayats and Municipal bodies in addition to relevant offices of Government who in turn has to display the same for 30 days from the date of receipt. The clearance letter shall also be put on the website of the Company by the proponent.
3. The environmental safeguards and monitoring schedule as contained in the EMP should be implemented in letter and spirit & there will be no departure from the final project proposal as approval herein.

4. Corporate Social Responsibility should be carried out as per action plan/ budget submitted.
5. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to SEIAA and its concerned Regional Office of MoEFCC.
6. Officials from Regional Office, Ministry of Environment, Forests & Climate Change, Govt. of India/ State Level Environment Impact Assessment Authority / Delhi Pollution Control Committee, who would be monitoring the implementation of environmental safeguards, should be given full cooperation, facilities and documents/data on site by the project proponents during their site inspection.
7. A complete set of all the documents submitted to SEAC should be forwarded to Regional Office, Ministry of Environment, Forests & Climate Change, Govt. of India and Delhi Pollution Control Committee.
8. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEAC and approval of SEIAA.
9. The project proponent shall comply with the notifications and court orders issued time to time regarding use, sale and storage of all kinds of plastic bags.
10. E-waste generated in the complex should be managed as per E-Waste (Management) Rules, 2016.
11. Hazardous waste should be disposed off as per Rules applicable.
12. The solid waste (dry as well as wet garbage) generated should be properly collected and segregated before disposal to Municipal Authorities in accordance with the Solid Waste Management Rules, 2016. No municipal waste should be disposed off outside the premises. Adequate measures should be taken to prevent odour problem.
13. Adequate ventilation should be provided in case of basements and the concentration levels of Carbon Dioxide, Carbon Monoxide should be monitored periodically and be reported in periodical compliance reports to be submitted.
14. State Environmental Impact Assessment Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including the revoking of the environmental clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
15. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project and decisions of any Competent Court, to the extent applicable.
16. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department etc. shall be obtained, as applicable by project proponents from the respective competent authorities.
17. These stipulations would be enforced among others under the provisions of Water (Prevention and Control) Pollution Act, 1974, the Air (Prevention and Control) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
18. Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.
19. 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 & soft copies) to Regional Office, Ministry of Environment, Forests & Climate Change, Govt. of India, SEIAA-Delhi and Delhi Pollution Control Committee.
20. This Environmental Clearance will be valid for a period of seven years from the date of its issue.
21. It will be the responsibility of the project proponent to obtain prior clearances/approval & ensure compliances under all other relevant Acts/ Rules/ Regulations/ guidelines/ instructions/Court Orders/Tribunal Orders as applicable to this project before starting of the project.

3. During the construction Phase for control of dust pollution all precautionary measure should be ensured in compliance of Hon'ble National Green Tribunal order dated 4.12.2014 & 10.04.2015 in O.A. No.21 of 2014 and O.A. No. 95 of 2014 in the matter of Vardhaman Kaushik Vs. Union of India & others and Sanjay Kulshreshtha Vs Union of India &ors.
4. The Project Proponent shall ensure that the guidelines issued, regarding dust mitigation measures for construction and demolition activities for projects requiring Environmental Clearance, by Ministry of Environment, Forests & Climate Change (MoEF&CC), vide Notification No. G.S.R.94(E) dated 25.01.2018, are to be followed.
5. Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed off after taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority. The Rules on the Solid Waste Management including Construction waste issued by MoEF&CC as amended will be applicable.
6. Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.
7. Any hazardous waste generated during construction and operation phase should be disposed off as per applicable rules and norms with necessary approvals to the Delhi Pollution Control Committee.
8. Vehicles hired for bringing construction material to the site and other machinery to be used during construction should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours. The material loaded or unloaded should be covered (especially sand, excavated soil) before transportation to avoid fugitive emissions etc.
9. Techniques like, air extraction equipment, and covering scaffolding, hosing down road surfaces, reducing the speed of vehicle, use of covering sheets for vehicles carrying construction materials and cleaning of vehicles to reduce dust and vapour emissions. Measures should include appropriate containment around bulk storage tanks and materials stores to prevent spillages entering watercourses.
10. The Diesel Generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment Protection Rules prescribed for air and noise emission standards.
11. The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
12. Ambient noise levels should conform to prescribed standards both during day and night. Adequate measures should be made to reduce ambient air and noise level during construction and operation phase, so as to conform to the norms stipulated by CPCB/DPCC. Ambient air and noise monitoring should be done by an accredited lab and data should also be submitted, on six monthly bases, with DPCC& Regional Office of MoEF&CC. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase.
13. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended to date.
14. Ready Mix Concrete must be used in building construction.
15. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices preferred.
16. 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.
17. Construction/provision of the Utilities, earmarked by the project proponent on the layout plan, should be made in the earmarked area only. In any case the position/location of these utilities should not be changed later-on.