



State Environment Impact Assessment Authority, M.P.  
(Government of India, Ministry of Environment & Forests)

Environmental Planning Coordination Organization (EPCO)  
Paryavaran Parisar, E-5. Arera Colony  
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No: 2708 /SEIAA/2016

Date: 25.7.16

To,  
Shri Anurag Shrivastav,  
Executive Engineer,  
MP Housing and Infrastructure Development Board,  
Housing Board Plaza, Shopping Complex,  
A.B. Road, Indore (MP)-452011

**Sub: Case No. 4976/2016** Prior Environmental Clearance for Proposed High Rise Development Residential Block cum Commercial (Apparel Manufacturing Park) at Khasra No.-148, 148/1653 & 151/1654, Village Snehlataganj, Tehsil & District-Indore (MP), Land Area-12747.60 sq.m., Built-up Area-53157.6 sq.m., by Shri Anurag Shrivastav, Executive Engineer, MP Housing and Infrastructure Development Board, Housing Board Plaza, Shopping Complex, A.B. Road, Indore (MP)-452011, Environmental Consultant Mantras Green Resources Ltd., Nasil. email:dnindore@mphousing.in; Phone No.-0731-2554888

**Ref:** Your application dtd. 12.02.2016 received in SEIAA office on 12.02.2016

With reference to above, the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14<sup>th</sup> September 2006 and its amendment, on the basis of the mandatory documents enclosed with the application viz., Form I, Form IA, Conceptual Plan, drawings, ppt & the additional clarifications furnished in response to the observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i). The proposed project is building & construction residential housing project having total built up area 53157.6 sq.m. The project comes under 8(a) category (B) of schedule of EIA Notification, 2006 because total construction is between 20,000 sq.m & 1,50,000 sq.m and plot area is less than 50 ha.
- (ii). As per Town & Country Planning, Indore (vide letter no.10210 dtd 29.12.15) the total land area is 1.275 ha (12747.60 sq.m.) and approval (dtd. 07.08.15) from high-rise committee for building height 27.60 m & 45 m. ha at Village Snehlataganj, Tehsil & District-Indore (MP). As per Khasra Panchsala 2015-2016 the land is the name of Executive Engineer, M.P. Housing and Infrastructure Development Board. The project includes Residential blocks and Readymade Garment Manufacturing Park at Village - Snehlataganj, Tehsil & District-Indore (MP).
- (iii). The source of water supply is Municipal Corporation, Indore (letter no. 7969 dtd. 11.12.2015). The total water requirement is 227 KLD (fresh water 115 KLD). The waste water generation is 182 KLD and STP capacity is 220 KLD. The available



treated water is 163 KLD out of which 112 KLD will be recycled and remaining 51KLD is proposed to be disposed off in the municipal sewer line. PP has submitted letter (dtd. 22.01.2016) from Commissioner, Municipal Corporation, Indore for disposal of extra treated waste water.

- (iv). The Municipal Solid Waste 773 kg /day, shall be generated. The generated Solid wastes will be segregated into biodegradable and non- biodegradable components and collected in separate bins. Dewatered/ sludge from STP will be used as manure in horticulture. Biodegradable waste will be treated in Organic Waste converter and non-biodegradable waste, will be deposited at a landfill site of Municipal Corporation. PP has submitted letter (dtd. 19.10.2015) from Municipal Corporation, Indore for disposal of solid waste.
- (v). The height of the building is 42 m; road width 36 m; Front MOS 15 m and side / rear MOS 7.50 m.
- (vi). PP has proposed to provide fire water UG storage tank, fire extinguisher, hose reel, yard hydrant system, wet riser system, automatic sprinkler system, & manual fire alarm system etc. as per NBC 2005.
- (vii). PP has proposed 341 ECS (201 ECS for residential and 140 ECS for commercial.
- (viii). The total power requirement is 1,768.96 KW. The source of electricity is Madhya Pradesh Kshetra Vidyut Vitran Company Limited. PP has also proposed DG set of capacity 1X1250 KVA, 1X250 KVA for commercial and 2x1250 KVA for residential. For energy conservation measures PP has proposed use of Compact Fluorescent lamps, PVC insulated copper conductor cable will be used for wiring purpose Solar water harvesting systems and solar powered street lights etc.
- (ix). PP has proposed to provide roof top rain water harvesting system with 03 nos. of recharging pits.
- (x). The storm water will be collected and conveyed through network of open drain system along the internal road as well as compound wall. In no case the storm water should create water logging on the main road.
- (xi). PP has proposed an area of 1177.86 sq.m (10%) to be developed as green area. There are 13 existing trees out of which 5 are proposed to be transplanted, 4 have been saved and 4 trees will be cut.

Based on the information submitted at Para i to xi above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 344<sup>th</sup> meeting held on 24.06.2016 and decided to accept the recommendations of SEAC meetings 277<sup>th</sup> dtd 31.05.2016.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14<sup>th</sup> September 2006 and its amendments to the Proposed High Rise Development Residential Block cum Commercial (Apparel Manufacturing Park) at Khasra No.-148, 148/1653 & 151/1654, Village Snehlataganj, Tehsil & District-Indore (MP) Land Area-12747.60 sq.m., Built-up Area-53157.6 sq.m., by Shri Anurag Shrivastav, Executive Engineer, MP Housing and Infrastructure Development Board, Housing Board Plaza, Shopping Complex, A.B. Road, Indore (MP)-452011 subject to the compliance of the Standard Conditions enclosed at Annex-I and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

**A. Specific Conditions as recommended by SEIAA:-**

- (1) The entire demand of water should be met through Municipal Corporation and there should be no extraction of ground water.



- (2) The inlet and outlet point of natural drain system should be maintained with adequate size of channel for ensuring unrestricted flow of water.
- (3) Waste water management:-
- (a) PP should ensure linkage with municipal sewer line for disposal of waste water.
  - (b) The treated wastewater of 112 KLD shall be recycled and reused for flushing (79 KLD) and gardening (33 KLD) to reduce the demand of fresh water as committed.
  - (c) Project Proponent shall ensure regular operation and maintenance of the STP.
  - (d) The Project Proponent shall explore the possibilities of reusing the treated wastewater from nearby projects.
  - (e) It is noted that Khan River is flowing adjacent to the project site hence PP should ensure to leave at least 60 m area from the project site to Khan river and create buffer zone as green belt in this area.
  - (f) PP should ensure zero discharge of treated waste water in nearby Khan River which is abetting the plot. PP should also study the projects being under taken for cleaning and rehabilitation of Khan River.
- (4) Solid Waste Management:-
- (a) Ensure linkage with Municipal Corporation for final disposal of MSW.
  - (b) Provide compactors for MSW.
  - (c) Separate wet and dry bins must be provided for facilitating segregation of waste.
  - (d) All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
  - (e) A separate segregation area will be earmarked in the apparel park for the storage garment waste. This waste should be disposed off through vendors for reuse or recycled by the garment making owners.
  - (f) PP will prepare a user guide book for all residents and garment making owners for the use of environmental facilities in sustainable manner.
  - (g) The construction materials and debris shall be properly stored and handled to avoid negative impacts such as air pollution and public nuisances by blocking the roads and public passages.
- (5) Traffic management:-
- (a) PP should ensure road width, front MOS and side / rear as per MPBVR 2012.
  - (b) The roads inside the project area and roads connected to the main road shall be paved or shall be water sprinkled to avoid the fugitive emissions during construction.
  - (c) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided.
  - (d) No public space including the service road shall be used or blocked for the parking and the trained staff shall be deployed to guide the visitors for



parking and helping the senior citizens and physically challenged people to park their vehicles at appropriate parking places (valet parking).

(6) For firefighting:-

- (a) PP should ensure connectivity to the fire station from the project site and provide necessary fire fighting equipments for fire hazards.
- (b) As per MPBVR, 2012 rule 42 (3) PP should submit necessary drawings and details to the Authority (Nagar Nigam, Indore) incorporating all the fire fighting measures recommended in National Building Code Part – IV point no. 3.4.6.1. The occupancy permit shall be issued by Nagar Nigam only after ensuring that all fire fighting measures are physically in place.
- (c) The project proponent shall not sold / allot any shop/office/show room for storage of chemicals, flammable, substances, explosives, fire crackers or any other material of hazardous characteristics.
- (d) Underground fire water storage tanks of adequate capacity shall be provided as proposed. Adequate provision shall be made to ensure that water from the Fire Water Tank shall not be used for any other purpose.
- (e) Dedicated power back up system shall be provided in the case of power failure & emergency of fire water pumps.
- (f) All the staircases and lifts shall open out at ground level from the highest point of building with access from each floor for emergency evacuation. Two staircases shall be provided in each building.
- (g) Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.

(7) For Rain Water Harvesting, and Ground water recharge:-

- (a) Rain water harvesting from rooftop and paved areas and ground water recharge through 3 nos. of recharging pit shall be carried out as per the details submitted. In addition, PP should provide recharging trenches. The base of the trenches should be Kachha with pebbles.
- (b) Before recharging the runoff, pre-treatment must be done to remove suspended matter.
- (c) The rain water harvested should be stored in a tank for reuse in household through a provision of separate water tank and pipeline to avoid mixing with potable municipal water supply. The excess rain water harvested be linked to the tube well bore in the premise through a pipeline after filtering arrangement of the rain water.
- (d) The unpaved area shall be more than or equal to 20% of the recreational open spaces.

(8) Energy:-

- (a) All common area lighting must be of LED/Solar lights.
- (b) At least 1% of connected applied load generated from renewable energy source such as photovoltaic cells or wind mills or hybrid be provided.
- (c) As per the provisions of the Ministry of New and Renewable Energy solar water heater of minimum capacity 100 lit/ 4 persons (25 litre per capita) to be installed.



- (d) The project proponent shall install energy efficient devices, appliances, motors and pumps conforming to the Bureau of Energy Efficiency norms.
  - (e) Solar lights shall be provided in the open sunlit areas.
  - (f) Use of glass shall be minimal to reduce the heat island effect as well as to reduce the electricity consumption.
  - (g) Fly ash bricks should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and as amended from time to time.
- (9) Parking:-
- (a) PP should ensure to provide car parking as per MPBVR rule 2012.
  - (b) The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
  - (c) There should be separate parking areas earmarked for residential and commercial activity. No overlapping will be permitted in the mixing of traffic. Entry/ Exit and parking should be regulated manually by mobilizing trained staff.
- (10) Air Quality and Noise :-
- (a) Dust, smoke & debris prevention measures such as wheel washing, screens, barricading & debris chute shall be installed at the site during construction including plastic/tarpaulin sheet covers for trucks bringing in sand & material at the site.
  - (b) The overall noise level in and around the project area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, silencers, enclosures vibration dampers etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed by CPCB under the Environment (Protection) Act and Rules.
  - (c) The noise generating equipments, machinery and vehicles shall not be operated during the night hours and shall be maintained properly to avoid generation of high noise due to lack of wear and tear.
  - (d) The exhaust pipe of the DG set if installed must be minimum of 10mtr away from the building or in case it is less than 10m away, the exhaust pipe shall be taken up to 6 m above the building.
  - (e) Use of diesel generator sets during construction phase shall be strictly with acoustic enclosure and shall conform to EPA Rules for air and noise emission standards.
  - (f) D. G. Sets, if any provided in future as backup power shall be of enclosed type and conform to prescribed standards under the EPA rules. Necessary acoustic enclosures shall be provided at diesel generator set to mitigate the impact of noise.
  - (g) The gaseous emissions from the D.G. Sets shall conform to the standards prescribed by MPPCB. At no time, the emission levels shall go beyond the stipulated standards.



(11) Green belt :-

- (a) PP should ensure two rows peripheral plantation at a distance of 3 to 5 m. of tree species (2 mt. high plants) all around the property area. Avenue plantation along the roads and formal garden area, trees of indigenous local varieties like Neem, Peepal, Kadam, Karanj, Kachnaar etc. should be planted.
  - (b) PP should ensure to initiate plantation in the project site during construction.
  - (c) If there is a cluster of existing trees then it could be retained as a open space. Every effort should be made to protect the existing trees on the plot. PP has conserved 9 trees and only 4 trees will be cut after obtaining statutory permission from the Competent Authority. They will also compensate additional plantation due to cutting of these 4 trees as per the regulations.
  - (d) PP has committed to create a 30 m. buffer zone all along the periphery abutting the Khan River and MOS of another 30 m. so as locate the building lines at 60 m. from the edge of banks of Khan River.
  - (e) The green belt design along the periphery of the plot shall achieve attenuation factor confirming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.
- (12) No dyeing activity shall be allowed in the project premises (commercial area).ISE
- (13) No further expansion or modifications in the project likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.
- (14) PP should ensure two cargo lifts for efficient handling of raw material and packaged goods.
- (15) PP has committed a provision of EMP of Rs. 145 lacs and an additional fund of Rs. 85 lacs has been earmarked for the cost of LED, Solar lighting etc.
- (16) The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA/SEAC along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.

**B. Specific Conditions as recommended by SEAC:-**

- (17) Fresh water requirement for the project shall not exceed 115 KLD.
- (18) The excess treated water will be used for watering of municipal road side green area or efforts shall be made to supply this water to the construction sites for use in the construction works.
- (19) Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 82 no of trees will be planned in residential area. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.



- (20) 04 numbers of existing trees are proposed to be uprooted. Necessary permission should be obtained from the competent authority by the PP. In addition to proposed plantation 40 more trees are to be planted as compensatory plantation.
- (21) STP sludge shall be filter-pressed and the de-watered sludge shall be disposed off with the MSW.
- (22) Power back-up for un-interrupted operations of STP shall be ensured.
- (23) CFL/LED should be preferred over of tube lights.
- (24) Fund should be exclusively earmarked for the implementation of EMP.
- (25) MSW storage area should have 48 hours storage capacity.
- (26) Dual plumbing should be provided.
- (27) As proposed, buffer zone of 30 meters should be maintained between the HFL of the Khan River and proposed project site. As proposed the PP will also will undertake plantation along the compound wall to act as physical barrier between the proposed building and river. PP will also ensure that no soil erosion takes place along the river banks on account of construction activity.
- (28) Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
- (29) Provisions 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 structure to be removed after completion of the period.
- (30) PP will obtain other necessary clearances/NOC from concerned authorities.

**Standard Conditions - Encl: Annex-I**

*(Signature)*  
 (Anupam Rajan)  
 Member Secretary

*o/c*  
 Date 25.7.16

2709  
 Endt No. / SEIAA/2016

Copy to:-

- (1). Principal Secretary, Urban Development & Environment Deptt. 3<sup>rd</sup> Floor, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, District Indore, M.P.
- (5). The Commissioner, Municipal Corporation, Indore, MP
- (6). The Town & Country Planning District Office, Indore MP
- (7). Director, I.A. Division, Monitoring Cell, MoEF, GoI, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110 003
- (8). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (9). Guard file.

**Encl: Standard Conditions (Annex-I)**

*(Signature)*  
 (Dr. Sanjeev Sachdev)  
 Officer-in-Charge



**State Environment Impact Assessment Authority, M.P.**

(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran, Parisar, E-5, Arera Colony, Bhopal-4620 16

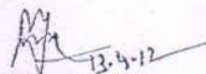
Annex-I

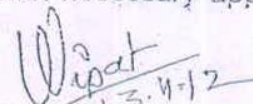
**Standard Conditions related to under item 8 (a) & 8 (b) of the schedule of EIA  
notification, 2006**

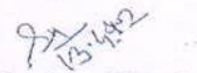
**(Building/ construction projects / area development projects & township)**

**A. Construction Phase**

1. The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage.
2. All required sanitary and hygienic measures should be in place before starting any construction work and are to be maintained throughout the project phase.
3. 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, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
4. Occupational health and safety measures for the workers including identification of work related health hazards, training on malaria eradication, HIV, and health effects on exposure to dust etc. shall be carried out. Periodic monitoring for exposure to respirable dust on the workers shall be conducted and records maintained including health records of the workers. Awareness programme for workers on impact of dust on their health and precautionary measures like use of personal equipments etc. shall be carried out periodically.
5. A First Aid Room will be provided in the project both during construction and operation of the project.
6. All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
7. 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.
8. 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.
9. Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they should not leach into the ground water.
10. Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the M.P. Pollution Control Board.

  
(Dr R P Singh)  
Officer-in-Charge

  
(Dr Vinita Vipat)  
Officer-in-Charge

  
(Dr Sadhna Tiwari)  
Officer-in-Charge

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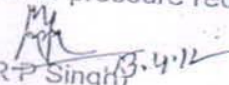
ISSUED No. 2708-2  
Dated 25.7.16  
SEIA/VEPCO

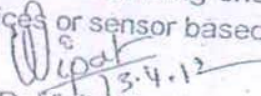


# State Environment Impact Assessment Authority, M.P.

(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5. Arera Colony, Bhopal-4620 16

11. The diesel generator sets (if any) 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.
12. The diesel required (if any) for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.
13. Wastewater generated from temporary labour tents will be diverted to the sewer network in the area.
14. No water logging should take place at any point during construction phase.
15. If the project site is located within the 100 km of Thermal Power Stations, then 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 27<sup>th</sup> August, 2003.
16. As far as possible ready mixed concrete should be used in construction work.
17. 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.
18. 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/MPPCB.
19. Storm water control and its use should be as per CGWB and BIS standards for various applications.
20. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
21. Care shall be taken during the wet drilling activities.
22. Spread of contaminated water should be prevented by installing temporary barriers of G.I. Sheets.
23. To prevent surface and ground water contamination by oil/grease, leak proof containers shall be used for storage and transportation of oil/grease. The floors of oil/grease handling area will be kept effectively impervious.
24. On-site burning of waste material will not be permitted.
25. Ground water should not be used during construction phase. Private tanker water suppliers may be asked to supply water during construction phase.
26. Commitment towards CSR have to be followed strictly.
27. 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.

  
(Dr R.P. Singh)  
Officer-in-Charge

  
(Dr Vinita Vipat)  
Officer-in-Charge

  
(Dr Sadhna Tiwari)  
Officer-in-Charge

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# State Environment Impact Assessment Authority, M.P.

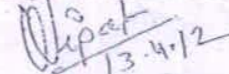
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Research and Development Wing, Madhya Pradesh Pollution Control Board,  
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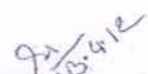
28. Wherever possible, the area around the STP / ETP should be surrounded with dense green belt.
29. To reduce the electricity consumption and load on air conditioning, high quality double glass with special reflective coating in windows should be promoted.
30. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
31. Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air-conditioned spaces while it is aspirational for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
32. Approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightning etc.

## B. Operation Phase

1. The installation of the Sewage Treatment Plant (STP) as submitted by PP in the office of SEIAA should be certified by an independent expert and a report in this regard should be submitted to the Regional office of the Ministry of Environment & Forest, GoI before the project is commissioned for operation. Treated effluent discharge from STP shall be recycled/reused to the maximum extent possible. Treated effluent shall conform to the norms and standards of the M.P. Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.
2. Treated waste water should not be used for air conditioning.
3. Treatment of 100% grey water by decentralized treatment should be done.
4. The bio-medical waste (if applicable) generated should be disposed off as per the provisions of Bio-medical waste (Management and Handling) Rules 1988 as amended till date.
5. Provision of separate entrance / exit gate should be made for collection of segregated bio-medical waste (if applicable) from the storage area.
6. The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material as per CPCB norms.
7. Diesel power generating sets if proposed as source of back up power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Low sulphur diesel must be used. The location of the DG sets may be decided with in consultation with Madhya Pradesh Pollution Control Board.

  
(Dr R P Singh)  
Officer-in-Charge

  
(Dr Vinita Vipat)  
Officer-in-Charge

  
(Dr Sadhna Tiwari)  
Officer-in-Charge

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Issued Vide No. 27085  
Date: 25.7.16

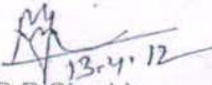


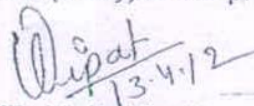
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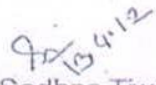
(Government of India, Ministry of Environment & Forests)

Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

8. No water logging should take place at any point during operation phase.
9. The Project Proponent shall explore the possibility of using solar energy wherever possible.
10. Provision for plantation has to be made as per Madhya Pradesh Bhumi Vikas Niyam, 1984.
11. Any hazardous waste generated during operation phase, should be disposed off as per applicable rules and norms with necessary approvals of the M.P. Pollution Control Board.
12. Noise should be controlled to ensure that it does not exceed the prescribed standards of CPCB.
13. Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.
14. Rain water harvesting for roof 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 bore well for rainwater recharging should be kept at least 5 mts. above the highest ground water table.
15. The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
16. 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.
17. A Report on the energy conservation measures confirming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the Regional office of Ministry of Environment & Forest, Govt in three months time.
18. 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. Used 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.
19. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
20. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
21. Ozone Depleting Substances (Regulation & Control) Rules shall be followed while designing the air conditioning system (if any) of the project.

  
(Dr R P Singh)  
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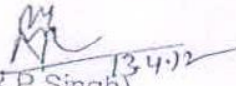


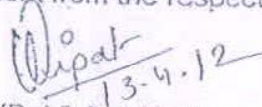
# State Environment Impact Assessment Authority, M.P.

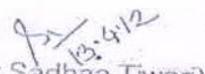
(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

## C. Others

1. All activities / mitigative measures proposed by PP in Environmental Impact Assessment (if applicable) and approved by SEAC must be ensured.
2. All activities / mitigative measures proposed by PP in Environmental Management Plan and approved by SEAC must be ensured.
3. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.
4. Project Proponent has to strictly follow the direction/guidelines issued by MoEF, CPCB and other Govt. agencies from time to time.
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 the MoEF, GoI, and its Regional Office located at Bhopal.
6. The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
7. The Environmental Clearance shall be valid for a period of five years from the date of issue of this letter.
8. The project proponent shall also submit six monthly reports on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year on the status of compliance of the stipulated EC conditions including results of monitored data to the regulatory Authority in hard and soft copies.
9. The Regional Office, MoEF, GoI, Bhopal and MPPCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan and other documents information should be given to Regional Office of the MoEF, GoI at Bhopal and MPPCB.
10. The Project Proponent shall inform to the Regional Office, MoEF, GoI, Bhopal and MP PCB regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
11. In the case of expansion or any change(s) in the scope of the project, the project shall again require prior Environmental Clearance as per EIA notification, 2006.
12. The SEIAA of M.P. reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
13. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained (as and when applicable), by the project proponent from the respective competent authorities.

  
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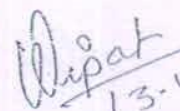


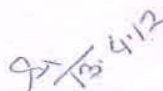
# State Environment Impact Assessment Authority, M.P.

(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
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14. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
15. 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<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company and in the public domain.
16. The environmental statement for each financial year ending 31<sup>st</sup> 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 Regional Office of MoEF.
17. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
18. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and municipal bodies as applicable in addition to the relevant officers of the Government who in turn has to display the same for 30 days from the date of receipt.
19. The Project Proponent shall advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of the State Level Environment Impact Assessment Authority (SEIAA) at [www.mpseiaa.nic.in](http://www.mpseiaa.nic.in) and a copy of the same shall be forwarded to the Regional Office, MoEF, GoI, Bhopal.
20. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

  
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