

The 319<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 22 June, 2018 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. Rubina Chaudhary, Member.
3. Dr. Sonal Mehta, Member.
4. Shri Prasant Srivastava, Member.

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

1. **Case No. - 5483/2016 M/s Indian Oil Corporation Ltd, Guna Bottling Plant, Village Dongar, Tehsil Raghogarh, District – Guna (M.P.) 473111. Prior Environment Clearance for Additional Bulk Sotrage Vessels (Mounded Storage) at Village Dongar, Tehsil - Raghogarh, District - Guna, (M.P.) Proposed Additional Storage of LPG Capacity: 3 X 600 MT = 1800 MT, Total Site Area – 60.00 Acres. Cat. 6 (b) Isolated Storage & Handling of Hazardous Chemical. Env. Con. – S V Enviro labs & Consultants (A.P.)**

### **PROJECT PROPOSAL**

The project proposal is for Additional Bulk Sotrage Vessels (Mounded Storage) at Village Dongar, Tehsil - Raghogarh, District - Guna, (M.P.) Proposed Additional Storage of LPG Capacity: 3 X 600 MT = 1800 MT, Total Site Area – 60.00 Acres. Cat. 6 (b).

### **PROJECT DETAILS**

Site Address	M/s. INDIAN OIL CORPORTATION LIMITED Guna Bottling Plant, Dongar Village, Raghogarh Tehsil Guna District-473 111, Madhya Pradesh
Longitude & Latitude	24°29'15.90"N & 77°07'42.00"E
Land Acquired	Land Area – 60.0Acres Existing Built up area -32.0Acres Proposed Built up area – 1.0 Acres Undeveloped area– 10.0 Acres

	Greenbelt area – 17.0Acres
Cost of the Project	80.0 Crores
Existing Capacities	2 x 150MT & 1 x 600 MT (Above ground bullets and Horton Sphere) – 900 MT Storage Capacity Bottling Capacity – 12000 MTPM Bulk Tank Truck Loading Facility with 5 Bays. Total Storage capacity after expansion – 2700 MT (900 Mt + 1800 MT)
Proposed Mounded Storage Vessels	3X600 MT = 1800 MT
Nearest Railway station	Vijaypur Railway station – 3.64Km
Nearest Airport	Guna Airport – 29.0Kms
Nearest Forests	Raghogarh forest – 4.5Kms Ajronra Forest – 5.5Kms Donger Forest -3.5Kms
Interstate Boundary	None within 10km radius Small portion of Rajasthan State boundary is at 17.0 kms
Nearest Water bodies	Parbati River – 3.0Kms River Chopan – 3.55Kms Gopi Krishna Sagar Dam – 12.35Kms

**EXISTING & PROPOSED INFRASTRUCTURE**

Bullets (above ground)	2 X 150MT
Sphere (Horton Sphere)	1 X 600MT
Proposed MSV Storage Facility	3 x 600MT
PPH	21M X 8M
Unloading Shed (5 Nos.)	21M X 15M

Empty cum Filling shed	25.2M X 63.0M 14M X 30.8M
Valve changed shed	16.2M X 11.2M
Filled cylinder shed	25.2M X 16.8M 18.2M X 23.2M
TLD	5 bays each 60M X 15M each
S&D	10M X 6M
Office	30M X 10M
PMCC & DG room	33.45M X 10M
PPH & ACH	35M X 10M
Water Tanks (2 Nos)	20M X 12M
Canteen	30M X 10M
Stores	25M X 10M
Security Cabin	5M X 5M
Watch Tower (4 Nos)	5M high
Assembly Points (2 Nos)	20M X 5M
New air com. house	3M X 3M
Cyl. Deshaping & repainting yard	13.2M X 26.2M
Bore well sheds (2 Nos)	2.9M X 2.9M
Fire pump house	10.5M X 35.5M
Substation	33.45M X 10M
Loading Shed	18.20M X 16.8M

The case was presented by the PP and their consultant in the 285<sup>th</sup> SEAC meeting dated 26/12/2016, wherein after presentation committee decided to issue standard TOR prescribed by the MoEF&CC for carrying out EIA study with following additional TOR's:-

1. Site specific risk assessment study should be carried out and same should be submitted with EIA report.
2. Detailed traffic circulation plan should also be submitted to avoid unnecessary waiting time of vehicles and PP's written commitment that at any time there will be no parking outside of the premises.
3. Submit the certificate of competent authority verifying the distance of protected area/Eco-sensitive zone.

4. Since segregation and necessary correction of defected cylinders is proposed in the project proposal, their environmental consequences should be studied and discussed in the EIA report.
5. Detailed green belt plan with area, name of species and their number should be provided in EIA report.
6. Any area marked for further expansion in this proposed unit should be detailed out on a layout map and submitted with EIA report.
7. Detailed fire fighting arrangements proposed should be discussed in the EIA report.
8. If there is any sensitive area within 5kms radius of the proposed project site, the proposed safety measures in case of any accident should be discussed in the EIA report.
9. Public hearing as per the provisions of EIA Notification, 2006 should be conducted.

PP has submitted EIA vide letter dated 17/05/18 which was forwarded through SEIAA vide letter no. 984 dated 08/06/2018.

The EIA was presented by the PP and their consultant wherein during presentation PP submitted that this LPG bottling plant at Guna Bottling Plant, Dongar Village, Raghogarh Tehsil, Guna District was established meet the increasing demand in Madhya Pradesh state now being enhanced with the purpose of supplying commercial and domestic LPG to surrounding districts. The salient features of the project propose to construct 3 x 600 MT Mounded Storage Vessels in an existing area of 59.391 Acres. After deliberation and discussion following submissions were desired from the PP:

1. Dimension of various units of waste water treatment plant.
2. Revised hydro-geological data.
3. Revised plantation scheme with enhanced plantation proposal.
4. Wind rose of primary data and its comparison with secondary data.
5. Revised EMP budget for plantation, with bifurcation as capital and recurring cost as suggested during presentation.
6. Revised CSR budget as suggested during presentation.
7. Reason for high values of solids in the ground water.
8. An undertaking by PP that no truck/transportation vehicle will be parked outside the plant premises.

PP vide letter dtd. 22.06.2018 submitted reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of

prior EC for M/s Indian Oil Corporation Ltd, Guna Bottling Plant, Village Dongar, Tehsil Raghogarh, District – Guna (M.P.) 473111 for additional Bulk Storage Vessels (Mounded Storage) at Village Dongar, Tehsil - Raghogarh, District - Guna, (M.P.) Proposed Additional Storage of LPG Capacity: 3 X 600 MT = 1800 MT, Total Site Area – 60.00 Acres. Cat. 6 (b) , subject to the following special conditions:

**(A) PRE-CONSTRUCTION PHASE**

1. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
2. During demolition of pre-existing structures dust suppression, regular sprinkling of water should be undertaken.
3. Periodic maintenance of construction equipments shall be done. Heavy vehicle must be checked for PUC certificate.
4. Signboard of the proper size should be displayed at the appropriate places related to Do's and Don'ts at the time of civil or mechanical hazards/gas or liquid leakage.
5. PP will obtain other necessary clearances/NOC from respective authorities.
6. 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 shall also be made available to local bodies, Panchayat, State Pollution Control Board and Regional Office, MoEF & CC GoI, Bhopal.
7. Provisions shall be made for the housing of construction/plant erection labor within the site with all necessary infrastructure and facilities such as 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.

**(B) CONSTRUCTION PHASE**

8. Land use breakup details as proposed by PP for this facility are as follows:

Sr. No.	LandUse	Area
1	Total Land –	59.391 acres
	<b>Built up area</b>	
3	Existing -	30.0 acres
4	Proposed –	26m x 52.21m = 1357.46Sq.m or 0.33Acres
5	Open space/future expansion -	12.0 acres.
6	Green Belt area	17 acres.

9. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
- 10.Total effluent generated in the plant after expansion is 6.5KLD for which STP/ETP of suitable capacity should be installed and afterwards this treated water should be reused in cylinder washing & gardening purpose.
- 11.Fire extinguishers should be provided on- site during construction/ plant erection period.
- 12.Water sprinkling arrangements shall be made to suppress the fugitive emissions and shall ensure that the ambient air quality is well within the prescribed norms by MoEF&CC/CPCB/MPPCB.
- 13.Properly tuned construction machinery and good condition vehicles with mufflers (low noise generating and having PUC certificate) should be used and turned off which not in use.
- 14.DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
- 15.Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
- 16.Peripheral plantation all around the project boundary @ 1500/year 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. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
- 17.MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
- 18.Waste oil generated from the DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.
- 19.The soil removed during the excavation will be stacked separately and will be used for the green belt development only.
- 20.In such highly Units where highly flammable material is dealt where workers might be exposed to uncontrolled electrical, mechanical, hydraulic, or other sources of hazardous energy if equipment is not designed, installed, and maintained properly. So, such operating procedures must be developed and implemented to ensure safe operations.
- 21.The overall systems for tank filling control should be of high integrity, with sufficient independence to ensure timely and safe shutdown to prevent tank overflow.

**(C) POST CONSTRUCTION/OPERATIONAL PHASE**

- 22.Fire/smoke detection devices should be fitted all around the depot.
- 23.Use of Solar Energy should be promoted in the project area where ever possible.

24. The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016, Plastic Waste Management Rules 2016, e-waste (Management) Rules, 2016, Construction and Demolition Waste Management Rules, 2016, Solid Waste Management Rules, 2016 etc.
25. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
26. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
27. Safety Equipments as per OISD 150 shall be positioned at various strategic points within the Plant and periodic Emergency Drills & Emergency Response Drills shall also be carried out as per norms of OISD.
28. Communication gadgets such as Siren with codes, Manual Call points, Hooters/ beacons, Walkie-Talkie sets, Public Address System, Flameproof PA/paging system at adequate areas shall be provided.
29. Workers in such industry are generally susceptible to various health and chemical hazards (toxic, corrosive, carcinogens, asphyxiates, irritant and sensitizing substances); physical hazards (noise, vibration, radiations, extreme temperature); ergonomic hazards (manual handling activities, repetitive motions, awkward postures); and psychosocial hazards (overwork, odd working hours, isolated sites, violence) so regular occupational health check should be done on regular basis.

**(D) ENTIRE LIFE OF THE PROJECT**

30. A budgetary provision of Rs. 18.0 Lakh is made for Environmental Management Plan in the construction Phase out of which a budgetary provision of Rs. 0.3 Lakh for Environmental Monitoring Programme. In the operational phase the provision of 6.5 Lakh as capital cost and provision of Rs. 5.5 Lakh/year as recurring cost, out of which a budgetary provision of Rs. 0.5 Lakh is made for implementing Environmental Monitoring Programme.
31. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.

- 32.Total area available for greenbelt is 6.879Ha. on which 1500 nos. of trees per year will be planted and for which total Budget of Rs.7.50 Lacks are proposed in the construction Phase and Rs.0.50 Lacks as operational phase.
- 33.Under CSR activity, Rs. 75.00 lakhs / year are proposed for different activities.
- 34.Occupational health survey of all concerned shall be carried out in the every six month.
- 35.A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- 36.All commitments pertaining to public hearing shall be mandatory on part of PP.
- 37.All safety provision should be followed as prescribed in the Petroleum & Explosives Safety Organization.
- 38.The environment policy should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
- 39.As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
- 40.In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
- 41.PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- 42.On- site & off - site management plan should be properly prepared and keep up-to-date as per schedule in the MSHIC Rule 1989.
- 43.Being it is a MAH unit hence mock drill of concerned different scenario shall be taken up as per norms made in the MSIHC Rule 1989.
- 44.Awareness campaign should be promoted within premises and in surrounding areas for associated hazard with the unit and prevention methods.
- 45.The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.



2. **Case No. - 5697/2018 Dy. Inspector General of Police (Works), Group Center, Centre Reserve Police Force (CRPF), Gwalior,( M.P.) – 474003. Prior Environment Clearance for Proposed Residential Colony in Existing CRPF Campus Area as C/o 1003 Nos. Staff Quarters (900 Nos. Type II, 54 Nos. Type III, 33 Nos. Type IV, 16 Nos. Type V quarters) at Khasra No. – 560/1, 543, 561/1 (1/4) (K1/2) Village - Nayagaon, Tehsil – Gwalior, Distt.- Gwalior, (M.P.). Total Plot Area – 2,07,860.00 m2, Total Construction Area – 72,946.48 m2. Cat. - 8(a) Building and Construction Projects. For Building Constuction. Env. Con. – Mantras Green Resources Ltd. Kalyan (Maharashtra).**

This is case of Prior Environment Clearance for Proposed Residential Colony in Existing CRPF Campus Area as C/o 1003 Nos. Staff Quarters (900 Nos. Type II, 54 Nos. Type III, 33 Nos. Type IV, 16 Nos. Type V quarters) at Khasra No. – 560/1, 543, 561/1 (1/4) (K1/2) Village - Nayagaon, Tehsil – Gwalior, Distt.- Gwalior, (M.P.). Total Plot Area – 2,07,860.00 m2, Total Construction Area – 72,946.48 m2. Cat. 8(a) Building and Construction Projects.

PP has submitted EIA vide letter dated 22/05/18 which was forwarded through SEIAA vide letter no. 968 dated 08/06/2018.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

3. **Case No. - 5698/2018 Dy. Inspector General of Police (Works), Group Center, Centre Reserve Police Force (CRPF), Gwalior, (M.P.) Prior Environment Clearance for Proposed Construction of 5 Nos. 240 Men Barracks including Electrical Works for Group Centre Khasra No. – 560/1, 543, 561/1 (1/4) (K1/2) at Village - Nayagaon, Tehsil – Gwalior, Distt. - Gwalior, (M.P.) Total Plot Area – 14,060 Sq.m RG Area – 6,817 Sq.m., Proposed Ground Coverage Area – 7,243 Sq.m, Total Construction Area – 21,316.15 m2. Cat. - 8(a) Building and Construction Projects. For Building Constuction. Env. Con. – Mantras Green Resources Ltd. Kalyan (Maharashtra)**

This is case of Prior Environment Clearance for Proposed Construction of 5 Nos. 240 Men Barracks including Electrical Works for Group Centre Khasra No. – 560/1, 543, 561/1 (1/4) (K1/2) at Village - Nayagaon, Tehsil – Gwalior, Distt. - Gwalior, (M.P.) Total Plot Area – 14,060 Sq.m RG Area – 6,817 Sq.m., Proposed Ground Coverage Area – 7,243 Sq.m, Total Construction Area – 21,316.15 m2. Cat. 8(a) Building and Construction Projects.

PP has submitted EIA vide letter dated 22/05/18 which was forwarded through SEIAA vide letter no. 970 dated 08/06/2018.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**4. Case No. - 5679/2018 M/s Prashant Sagar Builders and Developers Pvt. Ltd, Mr. Sanjay Anand, 57-FA, Scheme No. 94, Pipliyahana Junction, Rind Road,, Indore, (M.P.) – 452016. Prior Environment Clearance for Group Housing Project "Highway Karuna Sagar" Plot Area: 26890.0 Sqm, Built-up Area : 58135.336 Sqm, Built-up Area Constructed : 32862.95 Sqm, at Khasra No. -176/1, 177/3, 178/1,179/4/2, Village - Kanadia, Tehsil & Distt.- Indore, (M.P.) Cat. 8(a) Project. (Violation Case). Env. Con. – EQMS India Pvt. Ltd. Delhi.**

This is case of Prior Environment Clearance for Group Housing Project "Highway Karuna Sagar" Plot Area: 26890.0 Sqm, Built-up Area : 58135.336 Sqm, Built--up Area Constructed : 32862.95 Sqm, at Khasra No. -176/1, 177/3, 178/1,179/4/2, Village - Kanadia, Tehsil & Distt.- Indore, (M.P.) Cat. 8(a) Project.

PP has submitted EIA vide letter no. Nil dated 07/05/18 which was forwarded through SEIAA vide letter no. 368 dated 10/05/2018.

**Chronology and Details of Violation**

- The project is partially developed without obtaining the prior environmental clearance in 2011 after obtaining permission from TNCP MP, due to unawareness of applicability of EIA Notification, 2006 on the project.
- After knowing the applicability, an application was submitted to SEIAA, M.P. for obtaining environmental clearance in Nov, 2012.
- Project was taken up in 116th SEAC meeting in January, 2013 and SEIAA suggested to submit application in name of land owner, i.e. M/s Highway Infrastructure Pvt. Ltd. (HIPL) on 15th January, 2013.

- Revised application was submitted to SEIAA on 8.02.2013 and the project was taken up in 127th SEAC meeting held on 25th April, 2013.
- In the meeting HIPL admitted that construction has been undertaken at the site due to unawareness of applicability of EIA Notification, 2006. SEAC has sent back the project to SEIAA for action as per MOEF&CC OM dated 12.12.2012. SEIAA in 139th SEIAA meeting directed HIPL to submit information on construction status and other documents. Details were submitted by HIPL and then the project was taken up in 142nd SEIAA meeting held on 18.07.2013. SEIAA, MP had initiated the credible action against the project
- HIPL has paid the penalty as imposed by CMJ court under credible action.
- Project has been twice recommended by SEAC in their meetings on basis of the site visits and presentation.

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8<sup>th</sup> March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.

5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
  6. Baseline environmental study for ambient air (PM10, PN2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
  7. Details on flora and fauna and socio-economic aspects in the study area.
  8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
  9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
  10. Waste water management (treatment, reuse and disposal) for the project and also the study area
  11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
  12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
  13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
  14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
  15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.
5. **Case No. - 5690/2018 M/s Chugh Realty, 503, Chugh Realty, Scheme No. 54, Orbit Mall, Vijay Nagar, AB Road, Indore, (M.P.) – 452010 Prior Environment Clearance for**

**Residential Project "Grande Exotica" (Total Plot Area: 26660 sqm, Net Planned Area: 26520.0 sqm, Built-up Area: 102251.3 sqm, Built-up Area Constructed : 93124.8 sqm) at Village - Bhicholi Mardana, Tehsil - Indore, Distt. - Indore, (M.P.) Cat. - 8(a) Building and Construction Projects.FoR – Building Construction.Env. Con. – Env. Con. – EQMS, Delhi. (Violation Case)**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and requires environmental clearance on the basis of Form 1, Form 1A and Conceptual Plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. It's a case of **Violation Project** "Grande Exotica" (Total Plot Area: 26660 sqm, Net Planned Area: 26520.0 sqm, Built-up Area: 102251.3 sqm, Built-up Area Constructed : 93124.8 sqm) at Village - Bhicholi Mardana, Tehsil - Indore, Distt. - Indore, (M.P.).

This case was scheduled in this meeting wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation. During presentation, PP submitted following salient features of the project:

**1. Name of the project & its location:**

Residential Project "Grande Exotica" at Khasra No. 84/3/4G, 84/3/5 KH, 84/3/4 GH, 84/3/5 K, 84/3/6, Village- Bhicholi Mardana, Tehsil & District- Indore, MP.

**2. Name of the Company: M/s Chugh Realty**

**Address:** 503, Chugh Realty, Scheme No. 54, Orbit Mall, Vijay Nagar, A.B. Road, Indore, Madhya Pradesh **Tele No.:** 0731-4068855 **E-mail :** chughrealty@gmail.com

**3. Latitude and Longitude of the project: 22°42'01.04"N & 75°55'19.40"E**

**4. Project brief: Nature of proposal (new/expansion,): New (violation)**

**5. Total area: Total plot area of project is 26660.0 m<sup>2</sup>**

**6. Net Planned area: 26520.0 m<sup>2</sup>**

**7. Total Built up area of the project: 1,02,251.3 m<sup>2</sup>**

**8. Built up area constructed: 93124.8 m<sup>2</sup>**

**9. Land use:** Land use of the project site is residential as per the Master Plan of Indore, 2021. Initially land of the project site was agriculture and diversion was obtained for the land for establishment of group housing project

10. **Connectivity to the site:** Project site is well connected with rail and roads network. Godhra Highway i.e. National Highway-59, abuts the project site in North direction which is at the entrance of the project site.
11. **Water Requirement: Total water requirement for the project is approx. 266 KLD**
12. **Sewage Generation: 207 KLD**
13. **STP Capacity: 270 KLD** (For the project 270 KLD STP is required. 135 KLD STP is already operational at the site)
14. **Municipal waste generation:** During operation phase, it is estimated that approx. 975 kg per day is generated from project site.
15. **Cost of the project:** INR 111.76 Crores
16. **Whether the project is in Critically Polluted area:** No, Indore was declared as critically polluted area in March, 2010 and moratorium was imposed by MoEF&CC for consideration of projects for environment clearance in Indore. However moratorium was lifted in October, 2010.
17. **If the project is for EC under EIA Notification, 2006**
  - a) **For the first time appraisal by EAC:** Presentation to be held on 22.06.2018
    - (i) **Date of ToR:** Not Applicable
    - (ii) **Date of Public Hearing, location:** Not Applicable
    - (iii) **Major issues raised during PH and response of PP:** Not Applicable
  - b) **Second appraisal**
    - (i) **Date of first /earlier appraisal:** Not Applicable
    - (ii) **Details of the information sought by the EAC with the response of the PP:** Not Applicable
18. **If the project involves diversion of forest land (i) extend of the forest land (ii) status of forest clearance.**

Not Applicable
19. **If the project falls within 10 km of eco- sensitive area**
  - (i) **Name of eco- sensitive area and distance from the project site:**

Ralamandal Wild Life Sanctuary, however project site lies outside declared ESZ of the sanctuary (5.93 km, SW) Deoguradia Protected Forest (3.73 km, SE)
  - (ii) **Status of clearance from National Board for wild life:** NA

## 20. Waste Management

(iii) **Water requirement:** Total water requirement for the proposed project is approx. 266 KLD, Total fresh water requirement for the project is approx. 174 KLD.

**Source:** Source of water during operation phase is private water tanker supply currently. Narmada water supply scheme is in proposal for establishment in area by Indore Municipal Corporation.

**Status of clearance:** Obtained

(iv) **Waste water quantity:** Sewage Generation 207 KLD

**Treatment capacity:** STP of 270 KLD

(v) **Recycling / reuse of treated water and disposal:** Flushing-72 KLD, Landscaping- 16 KLD, DG cooling- 4 KLD, Construction within site/nearby areas/Sewer- 74 KLD

### (vi) Solid Waste Management

#### Collection and Segregation of waste

- a. Door to door collection system is provided for collection of domestic waste
- b. Local vendors are hired for waste collection, management and disposal
- c. Separate colored bins for dry recyclables and rejected waste are provided to residents as well as in common and open areas

#### Disposal

- a. Rejected fraction of the waste is collected and disposed by local agencies on daily basis and will be disposed at the locations designated by Indore Municipal Corporation.
- b. Recyclable waste and E-waste is sold to authorized vendors
- c. **Hazardous Waste Management:** Used oil from DG sets is sold to authorized vendors

## 21. Other details

(i) **Noise Modeling with noise control measures for airports:** Not Applicable

(ii) **Details of water bodies, impact on drainage if any:** No impact on drainage is involved. Details of water bodies around the project site are given below:

- Pipliyahana Lake (1.41km, NW)
- Police Line lake (1.42 km, NW)
- Pipliyapala Lake (6.58 km, SW)

- Bilavali Lake (7.08 km, SW)
- Sirpur Lake (10.84 km, W)
- Saraswati River (7.5 km, W)
- (vii) **Details of tree cutting:** Not Applicable
- (viii) **Energy conservation measures with estimated saving:** Estimated saving estimated is 487.7 kVA. Effective measures have been incorporated to minimize the energy consumption in following manners:
  - Energy efficient lifts installed at the site
  - All the electrical fittings and lighting is 5 BEE star rated
  - CFL/LED lights are used for internal lighting
  - Solar lights are used for lighting in common area.
  - Usage of low energy embodied locally available construction material. Usage of fly ash bricks, hollow bricks and fly ash mix cement for construction purpose. Usage of excavated soil and construction debris within the project site as filling material
  - Green belt and greenery developed around the project periphery
  - Usage of AAC blocks in building construction
  - Painting wall with white/light color heat reflecting paint
  - Common lights are shut down to 50% after 10:pm when traffic movement is drastically reduced

(v) **Green belt development (20 % of construction projects and 33 % for others):** Total green area measures 5260.93 m<sup>2</sup> i.e. 19.83 % of the net development area is planned to be kept under green cover.

(vi) **Parking requirement with provision made:**

Parking Required- 537 ECS as per MPBVN

Parking Provided: Basement Parking: 227 ECS

Stilt parking: 258 ECS

Open/Surface parking: 286 ECS

**22. If the project involves foreshore facilities:** Not Applicable

(i) **Shoreline study:** NA

(ii) **Dredging details, disposal of dredge material:** NA

(iii) **Reclamation:** NA

(iv) **Cargo handling with dust control measures:** NA

(v) **Oil Spill Contingent Management Plan:** NA

**23. If the project involves Marine disposal (i) NOC from PCB in case of marine disposal (ii) details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters 9 (iii) location**



of intake / outfall. Quantity, (iv) detail of monitoring at outfall (v) Any other relevant information : Not Applicable

**24. Other information:**

- (i) Investment/Cost of the project is INR 111.76 Crores  
(ii) Employment potential: Direct Employment: 175  
(iii) Benefits of the project: World Class residing facilities for people, Employment Generation, Green area will be developed.

**25. Date of Ground water clearance: NA**

**26. Cost of proposed EMP and CSR (with detailed components & proposed activities) with capitol cost and recurring cost.**

**27. EMP budget for Operational Phase (60% Incurred)**

S. No.	Activity	Capacity/ Area/Nos./parameters	Capital Cost (Lacs)	Annual Recurring Cost (Lacs)
1.	STP	270 KLD	54	15
2.	Landscaping & planting trees	5260.93 sq m	10	4
3.	Solid waste Management	Municipal waste-975 kg/day	5	4
4.	RWH Pit Installation	8 pits	24	10
5.	Energy Saving	10.03 %	10	5
6.	Environmental Monitoring*	Air, water, soil and noise	2	4
<b>Total</b>			105	42

**28. Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.**

Approx. 333 trees have been planted at the site. Species planted at the site are palms, *Persea American*, *Photinia japonica*, *Pithocolobium saman*, *Psidium gujava*, *Polyalthia longifolia*, *Nyctanthus arbortristis*, *Punica granatum* and *Nyctanthus arbortristis*. Total

green area measures 5260.93 m<sup>2</sup> i.e. 19.83 % of the net development area is planned to be kept under green cover.

**29. Any river/Nallha flowing near or adjacent to the proposed mine. If yes, please give details.**

Detail of water bodies has already been given in the point no. 12 (ii).

The PP further submitted that:

- Construction has been undertaken at the site in line with the approval obtained from T&CP MP for the project due to unawareness on applicability of EIA Notification, 2006.
- However on learning the applicability, application was submitted to SEIAA, MP for grant of environment clearance in year 2015.
- M/s Chug realty admitted about the construction carried out at the site in first SEAC meeting and SEAC then recommended the project back to SEIAA for appraising project as per MoEF&CC OM 12.12.2012.
- SEIAA however kept the project in abeyance due to issue of draft notification dated 10.05.2016 by MoEF&CC for violation cases.
- The project was then delisted by SEIAA, MP due to issue of final notification SO 804 (E) dated 14.03.2017 and advised us to approach MoEF&CC for grant of environment clearance for the project in accordance to the final notification.
- Application for grant of environment clearance was submitted to MoEF&CC as per MoEF&CC Notification 804 (E) dated 14.03.2017. Thereafter MoEF&CC has issued amendment SO 1030 dated 8th March, 2018 and has directed that Category B projects involving violation will be appraised at State Level and all the category B proposals will be transferred to SEIAA. In view of this MOEF&CC transferred our project to SEIAA, MP on 28<sup>th</sup> March, 2018.

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8<sup>th</sup> March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan

shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PN2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area.
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area

11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
  12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
  13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
  14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
  15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.
6. **Case No. - 5689/2018 M/s Man Developments, G-9, Man Heritage, 6/2, South Tukoganj, Indore, (M.P.) – 452001 Prior Environment Clearance for Group Housing Project "Royal Amar Greens" Khasra Nos. 37/1/2, 38/1, 38/2 min 1, 38/2 min 2, 38/2 min 3, 38/2 min 4, 38/2 min 5, 39/1/1, 39/1/2, 39/1/3, 39/2 min 1, 39/2 min 2, 39/2 min 3, 39/2 min 4, 39/2 min 5, at Village - Niranjapur, Tehsil - Indore, Distt. - Indore, (M.P.), Total Plot Area: 20350.0 sqm, Net Plot Area: 19405.0 sqm, Built-up Area: 67100.423 sqm, Built-up Area Constructed : 39843.55 sqm. Cat. - 8(a) Building and Construction Projects. FoR – Building Construction. Env. Con. – Env. Con. – EQMS, Delhi. (Violation Case)**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and requires environmental clearance on the basis of Form 1, Form 1A and Conceptual Plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. It's a Violation Project Group Housing Project "Royal Amar Greens" Khasra Nos. 37/1/2, 38/1, 38/2 min 1, 38/2 min 2, 38/2 min 3, 38/2 min 4, 38/2 min 5, 39/1/1, 39/1/2, 39/1/3, 39/2 min 1, 39/2 min 2, 39/2 min 3, 39/2 min 4, 39/2 min 5, at Village - Niranjapur, Tehsil - Indore, Distt. - Indore, (M.P.), Total Plot Area: 20350.0 sqm, Net Plot Area: 19405.0 sqm, Built-up Area: 67100.423 sqm, Built-up Area Constructed: 39843.55 sqm.

This case was scheduled in this meeting wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation. During presentation, PP submitted following salient features of the project:

- M/s Man Developments has planned a group housing project "Royal Amar Greens" located at Village- Niranjapur, District Indore, M.P.
- Land belongs to Amardeep Builders and M/s Man Developments are developers of the project and have JV agreement amongst them.
- Project site is spread over 20350 sq m (5.028 acres) and will have built-up area of 67100.423 sq m. Project comprise of 4 blocks comprising of 11 residential towers, EWS & LIG housing and club along with allied facilities.
- Till date 6 no. of towers are constructed and built up area of 39843.55 sq. m. is constructed.
- M/s Man Developments has obtained approval from Town and Country Planning (T&CP), M.P. for development of the project in 2011. Due to change in the project planning, layout was revised again in 2016 and approval was taken from the Indore Municipal Corporation (IMC) vide letter dated 15th September, 2016.

**Details of Violation:**

- M/s Man Developments has submitted application to obtain environment clearance to SEIAA, M.P. on 12.07.2012.
- After that the case was appraised by SEAC in 104th, 106th, 109th and 119th SEAC meeting and SEAC recommended the project for grant of environment clearance in its 119th SEAC meeting held on 02.02.2013.
- Project was then considered in 127th, 141st, 146th SEIAA meeting and then the SEIAA, M.P. got dissolved in November, 2013 after completion of tenure of 3 years.
- In mean time, construction at the site was started due to delay in the decision from SEIAA and increasing market debt and other liabilities as per TNCP approval obtained in 2011.
- SEIAA was formed in July, 2014 and project was considered in 161st SEIAA meeting held in June, 2014 and thereafter in 204th, 211th& 214th SEIAA meeting.
- In 214th SEIAA meeting, SEIAA considered it as violation and thus recommended SEAC to conduct a site visit.
- Case was then considered in the 227th SEIAA meeting and therein SEIAA asked proponent to submit the details as per MoEF&CC memorandum dated 12.12.2012 and initiated the credible action process against the proponent.

- Also there was a notice of NGT dated 7.07.2016 regarding violation cases and on the basis of the notice the project was kept on abeyance by SEIAA in 274th SEIAA meeting.
- A letter dated 1.1.2016 was sent by SEIAA to SEAC to conduct site visit to know status of construction at the site and the site visit was conducted by SEAC in February, 2016 and SEAC reported the status of construction at the site in its 277th meeting and send it to SEIAA for further action.
- SEIAA took up the case in 345th meeting and suggested to keep project on abeyance due to MoEF&CC draft notification dated 10.05.2016 related to violation cases.
- All the violation cases were declared on abeyance again by SEIAA in 352nd meeting and closed all the violation cases in its 417th meeting held on 20.03.2017.
- Then application for grant of environment clearance was submitted to MoEF&CC as per MoEF&CC Notification 804 (E) dated 14.03.2017. Thereafter MoEF&CC has issued amendment SO 1030 dated 8th March, 2018 and has directed that Category B projects involving violation will be appraised at State Level and all the category B proposals will be transferred to SEIAA. In view of this MOEF&CC transferred our project to SEIAA, MP on 28th March, 2018.

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8<sup>th</sup> March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage).

3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PN2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area.
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
14. Preparation of EMP comprising remediation plan and natural community

resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.

15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

**7. Case No. - 5688/2018 Shri Kailash Singh Raguwanshi, Partner M/s. Siddhi Vinayak Developers, FF-29,30, Shekhar Villa, Village- Pipalya Kumar, Indore (M.P.) – 452005 Prior Environment Clearance for Development of Phase I of Group Housing Project “Maple Woods” at Khasra No. 41/1, 41/2, 43, 56, 57, 58, 59, 60, 61/2, and 92, Village – Pipaliya Kumar (M.P.) Plot Area – 63410 sqm. Net Plot Area – 56018 sqm., Built-up Area- 143709.45 sqm. Built-up Area Constructed – 46336.22 sqm. Cat. - 8(a) Building and Construction Projects. FoR – Building Construction. Env. Con. – Env. Con. – EQMS, Delhi. (Violation Case).**

The project is a construction project falls under Category 8(a) of Building and Construction Project (As per EIA notification dated 14<sup>th</sup> September 2006 and amended to the date) and requires environmental clearance on the basis of Form 1, Form 1A and Conceptual Plan. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations. It's a Violation Project Development of Phase I of Group Housing Project “Maple Woods” at Khasra No. 41/1, 41/2, 43, 56, 57, 58, 59, 60, 61/2, and 92, Village – Pipaliya Kumar (M.P.) Plot Area – 63410 sqm. Net Plot Area – 56018 sqm., Built-up Area- 143709.45 sqm. Built-up Area Constructed – 46336.22 sqm.

This case was scheduled in this meeting wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation. During presentation, PP submitted following salient features of the project:

- M/s Siddhivinayak Developers (developer) and M/s Chug Realty Pvt. Ltd. and M/s Chug Infrastructure Pvt. Ltd. (land owners) has planned and developed group housing project “Maple Woods” located at Village Piplyya Kumar, Taluka Indore, District Indore, Madhya Pradesh.
- Project site is spread over area of 63410 sq m (6.341 ha). Project comprises of development of 19 residential towers, 2 EWS towers and one club along with other allied facilities.



- The project is planned in 2 phases in which 15 towers are planned and developed in phase 1 and remaining 7 will be developed in phase 2. This application is made for obtaining environmental clearance for phase 1 only. Out of 15 towers of phase I only four towers are constructed till date.
- Permission was obtained from T&CP, M.P., Gram Panchayat Pipaliya Kumar and Indore Municipal Corporation in 2010 and 2012 for project development.

### **CHRONOLOGY AND DETAILS OF VIOLATION**

- After obtaining approval from T&CP, M.P. in 2012, construction was undertaken at the site prior obtaining environmental clearance under EIA Notification, 2006 which has led to violation of the EIA Notification. Construction was carried out due to unawareness of applicability of EIA Notification, 2006.
- On learning its applicability, application was filed to SEIAA, M.P for obtaining environmental clearance in 2013.
- After applying in SEIAA, M.P, project was taken up in SEAC, M.P. in 137th meeting held in July, 2017 wherein project proponent admitted that construction has been undertaken at the site. Committee decided to conduct visit at the site to understand the status of construction.
- Thereafter SEIAA, M.P. was dissolved in November, 2013 and was reconstituted in July, 2014.
- Thereafter the project was again taken up by SEAC. SEAC recommended project for grant of environment clearance on basis of the data submitted to SEAC (evidence of credible action initiated by MPPCB on the project and resolution of board for not carrying out violation in future as per MoEF&CC OM dated 12.12.2012). The case was then taken up in SEIAA, M.P. and the project was discussed in various SEIAA meetings.
- In 211th SEIAA meeting, SEIAA recommended to return the project to SEAC to carry out site visit and submit the report. Again the project was taken up in 227th SEIAA meeting held on 14th August, 2015 and was kept in abeyance as per NGT order dated 07.07.2015 regarding violation cases, Project was then taken up in 274th SEIAA meeting on 23rd December, 2015 and SEIAA asked SEAC to undertake the site visit and submit report on given points

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8<sup>th</sup> March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may be granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage).
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km. Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PN2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
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9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
  10. Waste water management (treatment, reuse and disposal) for the project and also the study area
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  12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
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  14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
  15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.
8. **Case No. - 5700/2018 Mr. C. P. Moondra, Executive Engineer, Indore Development Authority, 7, Race Course Road, Indore, (M.P.) – 452003 Prior Environment Clearance for Proposed High Rise Residential/ Commercial Development of Land Bearing (Total Plot Area: 9158.0 sqm. (0.915 Hect.), Net Proposed Area (New Demarcated Land): 6600.50 sqm, Built-up Area: 26670.56 sqm) Khasra No. – 564, 565, 569/1, 569/2, 569/3, 569/4, 569/5 (Combined for RCM 13 & 14 Part of IDA Scheme No. – 140) Village – Pipaliyahana, Tehsil & Distt. – Indore (M.P.) Cat. - 8(a) Building and Construction Projects. For Building Constuction. Env. Con. – In Situ Enviro Care, Bhopal (M.P.)**

This is case of Prior Environment Clearance for Proposed High Rise Residential/ Commercial Development of Land Bearing (Total Plot Area: 9158.0 sqm. (0.915 Hect.), Net Proposed

Area (New Demarcated Land): 6600.50 sqm, Built-up Area: 26670.56 sqm) Khasra No. – 564, 565, 569/1, 569/2, 569/3, 569/4, 569/5 (Combined for RCM 13 & 14 Part of IDA Scheme No. – 140) Village – Pipaliyahana, Tehsil & Distt. – Indore (M.P.) Cat. 8(a) Building and Construction Projects.

PP has submitted EIA vide letter No. 3544 dated 15/05/18 which was forwarded through SEIAA vide letter no. 972 dated 08/06/2018.

**Salien Features of the EIA are Given Below:**

S. No.	Particulars	Details																								
1	Name of the project	<b>PROPOSED HIGH RISE RESIDENTIAL/ COMMERCIAL DEVELOPMENT ON LAND BEARING PLOT NO. RCM -13 AT IDA SCHEME -140 DISTRICT – INDORE</b>																								
	<b>Location:</b>	Vill.- Pipaliyahana, Tehsil & District- Indore (M.P.)																								
2	Name of the Company,	Indore Development Authority.																								
	Address	Indore Development Authority, 7 Race Course Road, Indore-452003, (Madhya Pradesh.)																								
	Tele No.	9755558632																								
	E-mail :	<a href="mailto:Moondra071@gmail.com">Moondra071@gmail.com</a> <a href="mailto:kocharjitendra@gmail.com">kocharjitendra@gmail.com</a>																								
3	Latitude and Longitude of the project.	22°42'15.71"N, 75°55'2.18"E 22°42'12.79"N, 75°55'0.36"E 22°42'17.66"N, 75°55'1.31"E 22°42'17.24"N, 75°55'3.42"E																								
4	If a Joint venture, the names & addresses of the JV partners including their share.	RCM 13 is a part of IDA Scheme No. 140.																								
5	Project brief: nature of proposal (new/expansion,)	New																								
	Total area - land use & Project components	<table border="1"> <tbody> <tr> <td>1.</td> <td>Total Plot Area</td> <td>9158.00 Sq.Mt.</td> </tr> <tr> <td>2.</td> <td>Net Proposed Area (New Demarcated Land )</td> <td>6600.50 Sq.mt.</td> </tr> <tr> <td>3.</td> <td>Built up area</td> <td>26670.56 Sq. Mt.</td> </tr> <tr> <td>4.</td> <td>Heights</td> <td>36 M. (2B+G+10)</td> </tr> <tr> <td>5.</td> <td>Water Consumption</td> <td>102 KLD</td> </tr> <tr> <td>6.</td> <td>STP Capacity</td> <td>65 KLD on 100% Load &amp; 100 KLD Proposed.</td> </tr> <tr> <td>7.</td> <td>Solid Waste Generation</td> <td>0.230 TPD</td> </tr> <tr> <td>8.</td> <td>Power Requirement</td> <td>1336.5 KW – MPEB</td> </tr> </tbody> </table>	1.	Total Plot Area	9158.00 Sq.Mt.	2.	Net Proposed Area (New Demarcated Land )	6600.50 Sq.mt.	3.	Built up area	26670.56 Sq. Mt.	4.	Heights	36 M. (2B+G+10)	5.	Water Consumption	102 KLD	6.	STP Capacity	65 KLD on 100% Load & 100 KLD Proposed.	7.	Solid Waste Generation	0.230 TPD	8.	Power Requirement	1336.5 KW – MPEB
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7.	Solid Waste Generation	0.230 TPD																								
8.	Power Requirement	1336.5 KW – MPEB																								

		<b>9. Back Up Power Supply</b>	1 No. - 125 KVA DG set
		<b>10. Connectivity Facilities</b>	Project site is adjacent to existing NH-59 road.
		<b>11. Community Facilities</b>	Akash Hospital– 400 M (E) Aishwarya Hospital– 400 M (N) Shakuntala Devi Hospital And Research Centre– 3 KM (NE) Agrawal Public School – 250 M. (N) RKDF Group of Professional Institutes, Indore– 2.0 KM (NE)
		<b>12. Parking Provided</b>	221 ECS
6	<b>Cost of the project</b>	Rs. 5511.58 Lakhs	
7	<b>Whether the project is in Critically Polluted area.</b>	No	
8	<b>If the project is for EC under EIA Notification, 2006</b>	No	
	<b>a) For the first time appraisal by EAC</b>	No	
	<b>(i) Date of ToR:</b>	(i)	N.A.
	<b>(ii) Date of Public Hearing, location</b>	(ii)	N.A.
	<b>(iii) Major issues raised during PH and response of PP</b>	(iii)	N.A.
	<b>b) Second appraisal</b>	NO	
	<b>(i) Date of first /earlier appraisal</b>		
	<b>(ii) Details of the information sought by the EAC with the response of the PP.</b>		
9	<b>If the project involves diversion of forest land</b>	NO	
	<b>(i) extend of the forest land</b>	--	
	<b>(ii) status of forest clearance.</b>	--	
10	<b>If the project falls within 10 km of eco- sensitive area</b>	Ralamandal – 5.40 Km. (S)	

	(i) Name of eco- sensitive area and distance from the project site,	Ralamandal – 5.40 Km. (S)
	(ii) status of clearance from National Board for wild life	---
11	<b>Waste Management</b> (i) Water requirement, source, status of clearance	(i) Approx. <b>102 KLD Water requirement.</b> <b>Source: Indore Municipal Water supply</b>
	(ii) Waste water quantity, treatment capacity, detail	(ii) Total Waste Water Generation: 65 KLD. Treatment capacity: 100 KLD STP.
	(iii) Recycling / reuse of treated water and disposal	Recycled water will be used for landscaping and miscellaneous purpose.

**(iv) Solid Waste Management**

Details are given below:

**SOLID WASTE QUANTIFICATIONS**

Facilities Provided	Waste Generation Norms		Basis of Assumption	Unit		Total Waste Generated (TPD)
Residential	0.4	Kg/capita/day	CPCB	520	Persons	0.208
Commercial	0.35	Kg/capita/day	CPCB	57	Persons	0.01995
Garden & Open Space	0.003	Kg/Sq m/day	Discussion with Horticulturist	760	Sq.mt.	0.00228
STP Sludge	0.33	Kg/MLD of wastewater treated	Manual for Sewerage and sewage treatment by CPHEEO	0.065	MLD	0.00002145
Waste Oil	100	Liters/MW/year	Assuming one maintenance per year	1.236	MW	123.6
<b>Total Waste Generated (TPD)</b>						<b>0.23025145</b>
<b>Total Biodegradable 55 % of total (TPD)</b>						<b>0.126638298</b>
<b>Total Non-Biodegradable 45 % of total (TPD)</b>						<b>0.103613153</b>

**(v) Hazardous Waste Management**

The hazardous wastes along with other wastes in the project will be used oil from DG sets, which is classified as per The Hazardous Waste Category 5.1 as per The Hazardous Wastes (Management & Handling) Rules, 2016.

- Used oil from DG sets will be stored in HDPE drums in isolated covered facility.

		This used oil will be sold to authorized recyclers. Suitable care will be taken so that spills/leaks of used oil from storage are avoided.																													
12	<b>Other details</b>	(i) N.A. --																													
	<b>(i) Noise Modelling with noise control measures for airports</b>																														
	<b>(ii) Details of water bodies, impact on drainage if any</b>	(ii) No water bodies passing through the project area																													
	<b>(iii) Details of tree cutting</b>	<b>No trees have been proposed to be cut in the project area.</b>																													
	<b>(iv) Energy conservation measures with estimated saving</b>	The project planning is under process all standards measures will be taken for the energy conservation. Solar Provisions for common lighting which will save approx. 30-35% of total common light uses. Cost provisions for the solar lighting will be Rs. 50.00 Lakhs.																													
	<b>(v) Green belt development (20 % of construction projects and 33 % for others)</b>	It is a part of Scheme No. 140 which has a landscaping area approx 7.600 Hectares. excluding green area of central verge. Which is approximately 11.51% of total scheme area. An area on periphery & central verge of the common road for RCM-13 is about <b>760 Sq.mt.</b> and it will be developed under landscape/green belt. Approximately 300 big/ornamental trees will proposed to be planted on the periphery of the project site.																													
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		Total	160	221
13	<b>If the project involves foreshore facilities</b> (i) Shoreline study (ii) Dredging details, disposal of dredge material (iii) Reclamation (iv) Cargo handling with dust control measures (v) Oil Spill Contingent Management Plan	N.A.		
14	<b>If the project involves Marine disposal</b> (i) NOC from PCB in case of marine disposal (ii) details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters (iii) location of intake / outfall. Quantity, (iv) detail of monitoring at outfall (v) Any other relevant information:	N.A.		
15	<b>Other information</b> (i) Investment/Cost of the project (ii) Employment potential (iii) Benefits of the project	Rs.55.11 Crore 120-150 Nos. (Approx.) It is a high rise residential/commercial building project.		
16	<b>Date of Ground water clearance:</b>	N.A.		
17	<b>Cost of proposed EMP and CSR (with detailed components &amp; proposed activities) with capitol cost and recurring cost.</b>	<b>Capital Cost – 172.6 Lakhs</b> <b>Recurring Cost – 23.6 lakhs</b>		
18	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.	It is a part of Scheme No. 140 which has a landscaping area approx 7.600 Hectares. excluding green area of central verge. Which is approximately 11.51% of total scheme area. An area on periphery & central verge of the common road for RCM-13 is about <b>760 Sq.mt.</b> and it will be developed under landscape/green belt. Approximately 300 big/ornamental trees will proposed to be planted on the periphery of the project site. Trees like <i>Azadirachta indica</i> , <i>Delonix regia</i> , <i>Jacaranda mimosifolia</i> , etc. and flowering and ornamental plants have been proposed to be planted inside the premises. IDA has budgetary provision to develop the landscaping of RCM – 13 which is Rs. 10.00 lakhs and the maintenance amount will be Rs. 2.00 Lakh/Annum.		
19	Any river/Nallha flowing near or	No water bodies passing through the project area		



adjacent to the proposed project. If yes, please give details.	Pipliyapala Talab : 6.35 KM (SW) Bailvali Talab: 5.81 KM (SW)
--	--

EIA was presented by the PP and their Consultant in the 319<sup>th</sup> SEAC meeting dated 22/06/2018, wherein during presentation PP submitted it is a part of Scheme No. 140 which has a land scaping area approx 7.600 Hectares excluding green area of central verge which is approximately 11.51% of total scheme area. An area on periphery & central verge of the common road for RCM-13 is about 760 Sq.mt. and it will be developed under landscape/green belt. Approximately 300 trees will proposed to be planted on the periphery of the project site. After presentation, PP was asked to submit response on following:

- 1) Revised species of plantation as suggested by the committee during presentation.
- 2) Organization structure of the company and persons specific role & responsibility.
- 3) Fire and other relevant NOCs
- 4) Natural drainage pattern and commitment that project would not affect the surrounding area.
- 5) No construction commitment.
- 6) Proposal for providing solar lights and budgetary provisions.
- 7) Solar lights provisions and total load.

PP vide letter dtd. 22.06.2018 submitted reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC for Mr. C. P. Moondra, Executive Engineer, Indore Development Authority, 7, Race Course Road, Indore, (M.P.) – 452003 Prior Environment Clearance for Proposed High Rise Residential/ Commercial Development of Land Bearing (Total Plot Area: 9158.0 sqm. (0.915 Hect.), Net Proposed Area (New Demarcated Land): 6600.50 sqm, Built-up Area: 26670.56 sqm) Khasra No. – 564, 565, 569/1, 569/2, 569/3, 569/4, 569/5 (Combined for RCM 13 & 14 Part of IDA Scheme No. – 140) Village – Pipaliyahana, Tehsil & Distt. – Indore (M.P.) Cat. - 8(a) , subject to the following special conditions:

**(A) PRE-CONSTRUCTION PHASE**

1. During demolition of old structures, the entire area should be covered with 12 feet MS sheets and due care should be taken for noise and vibration control during demolition work.
2. Curtaining of site should also be carried out to protect nearby habitat.
3. For dust suppression, regular sprinkling of water should be undertaken
4. PP will obtain other necessary clearances/NOC from respective authorities.

5. 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.

**(B) CONSTRUCTION PHASE**

6. During construction phase, a settling tank should be provided before final discharge of the effluent.
7. PPE's such as helmet, ear muffs etc should be provide to the workers.
8. Fire extinguishers should be provided on site during construction period.
9. Properly tuned construction machinery and good condition vehicles (low noise generating and having PUC certificate) should be used.
10. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
11. 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 300 no's of trees will be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
12. The proposed land use of the project is as follows:

<b>S.No.</b>	<b>Particulars</b>	<b>Area</b>	<b>Percentage</b>
1	Total Area of the project	9158.00 Sq.mt.	100%
2	Area under road	2557.5 sq.mt.	27.92 %
3	Net planning area (as per new demarcated plan)	6600.50 Sq.mt.	72.07%

13. MSW storage area should have 48 hours storage capacity and MSW should be disposed off at a designated place in consultation with the local authority.
14. As proposed, 02 number rain water harvesting pits of 12 Cum. capacity each should be provided and their design should be based on recharge rate study.
15. CFL/LED should be preferred over of tube lights.
16. Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
17. PP should explore the possibility of providing solar street light.

18. Waste oil generated from the DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.

**(C) POST CONSTRUCTION/OPERATIONAL PHASE**

19. Fresh water requirement for the project shall not exceed 102 KLD .
20. Solid waste generation for the project approximately 0.23TPD
21. Power requirement for the project approximately 1336.5 KW.
22. As proposed, the sewage and waste water should be treated in STP of 100 KLD.
23. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
24. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

**(D) ENTIRE LIFE OF THE PROJECT**

25. PP has proposed Rs. 172.60 lacks as capital cost and Rs. 23.6 lacks/year for recurring expenses in the proposed EMP of this project.
26. PP has proposed Rs. **0.50** lacks for green belt development in the operation phase proposed in the EMP of this project.
27. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
28. The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016, Plastic Waste Management Rules 2016, e-waste (Management) Rules, 2016, Construction and Demolition Waste Management Rules, 2016 and Solid Waste Management Rules, 2016 etc.
29. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
30. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**9. Case No. - 5701/2018 Mr. C. P. Moondra, Executive Engineer, Indore Development Authority, 7, Race Course Road, Indore, (M.P.) - 452003. Prior**

**Environment Clearance for Proposed High Rise Residential/ Commercial Development of Land Bearing No. RCM -14 at Scheme - 140, Distt.- Indore. (Total Plot Area: 9730.0 sqm, Net Proposed Area (New Demarcated Land): 7922.45 sqm, Built--up Area: 32130.70 sqm) Khasra No. – 564, 565, 569/1, 569/2, 569/3, 569/4, 569/5 (Combined for RCM 13 & 14 Part of IDA Scheme No. – 140) Village – Pipaliyahana, Tehsil & Distt. – Indore (M.P.) Cat. - 8(a) Building and Construction Projects. For Building Constuction. Env. Con. – In Situ Enviro Care, Bhopal (M.P.)**

This is case of Prior Environment Clearance for Proposed High Rise Residential/ Commercial Development of Land Bearing No. RCM -14 at Scheme - 140, Distt.- Indore. (Total Plot Area: 9730.0 sqm, Net Proposed Area (New Demarcated Land): 7922.45 sqm, Built--up Area: 32130.70 sqm) Khasra No. – 564, 565, 569/1, 569/2, 569/3, 569/4, 569/5 (Combined for RCM 13 & 14 Part of IDA Scheme No. – 140) Village – Pipaliyahana, Tehsil & Distt. – Indore (M.P.) **Cat. 8(a) Building and Construction Projects.**

PP has submitted EIA vide letter No. 3543 dated 15/05/18 which was forwarded through SEIAA vide letter no. 974 dated 08/06/2018.

**Salien Features of the EIA are Given Below:**

S. No.	Particulars	Details			
1	Name of the project	<b>PROPOSED HIGH RISE RESIDENTIAL/ COMMERCIAL DEVELOPMENT ON LAND BEARING PLOT NO. RCM -14 AT IDA SCHEME -140 DISTRICT – INDORE</b>			
	<b>Location:</b>	Vill.- Pipliyahana, Tehsil & District- Indore (M.P.)			
2	<b>Name of the Company,</b>	Indore Development Authority.			
	<b>Address</b>	Indore Development Authority, 7 Race Course Road, Indore-452003, (Madhya Pradesh.)			
	<b>Tele No.</b>	9755558632			
	<b>E-mail :</b>	<a href="mailto:Moondra071@gmail.com">Moondra071@gmail.com</a> <a href="mailto:kocharjitendra@gmail.com">kocharjitendra@gmail.com</a>			
3	<b>Latitude and Longitude of the project.</b>	22°42'19.90"N, 75°55'2.60"E 22°42'17.76"N, 75°55'1.32"E 22°42'22.16"N, 75°55'2.21"E 22°42'21.90"N, 75°55'3.94"E			
4	<b>If a Joint venture, the names &amp; addresses of the JV partners including their share.</b>	RCM 14 is a part of IDA Scheme No. 140.			
5	<b>Project brief: nature of proposal (new/expansion,)</b>	New			
	<b>Total area - land use &amp; Project components</b>	<table border="1"> <tr> <td>13.</td> <td>Plot Area</td> <td>9730.00 Sq.Mt.</td> </tr> </table>	13.	Plot Area	9730.00 Sq.Mt.
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		<b>14. Net Proposed Area (New Demarcated Land)</b>	7922.45 Sq.mt	
		<b>15. Built up area</b>	26670.56 Sq.Mt.	
		<b>16. Heights</b>	36 M. (2B+G+10)	
		<b>17. Water Consumption</b>	121 KLD	
		<b>18. STP Capacity</b>	87 KLD on 100% Load & 100%	
		<b>19. Solid Waste Generation</b>	0.302 TPD	
		<b>20. Power Requirement</b>	786 KW – MPEB	
		<b>21. Back Up Power Supply</b>	1 No. - 125 KVA DG set	
		<b>22. Connectivity Facilities</b>	Project site is adjacent to existing road	
		<b>23. Community Facilities</b>	Akash Hospital– 400 M (E) Aishwarya Hospital– 300 M (E) Shakuntala Devi Hospital And (NE) Agrawal Public School – 300 RKDF Group of Professional KM (NE)	
		<b>24. Parking Provided</b>	240 ECS	
6	<b>Cost of the project</b>	Rs. 6507.42 Lakhs		
7	<b>Whether the project is in Critically Polluted area.</b>	No		
8	<b>If the project is for EC under EIA Notification, 2006</b>	No		
	<b>a) For the first time appraisal by EAC</b>	No		
	<b>(i) Date of ToR:</b>	(iv)	N.A.	
	<b>(ii) Date of Public Hearing, location</b>	(v)	N.A.	
	<b>(iii) Major issues raised during PH and response of PP</b>	(vi)	N.A.	

	<b>b) Second appraisal</b> <b>(i) Date of first /earlier appraisal</b> <b>(ii) Details of the information sought by the EAC with the response of the PP.</b>	NO
9	<b>If the project involves diversion of forest land</b> <b>(i) extend of the forest land</b> <b>(ii) status of forest clearance.</b>	NO -- --
10	<b>If the project falls within 10 km of eco-sensitive area</b>	Ralamandal – 5.56 Km. (S)
	<b>(i) Name of eco- sensitive area and distance from the project site,</b>	Ralamandal – 5.56 Km. (S)
	<b>(ii) status of clearance from National Board for wild life</b>	---
11	<b>Waste Management</b> <b>(i) Water requirement, source, status of clearance</b>	<b>(ii) Approx. 121 KLD Water requirement.</b> <b>Source: Indore Municipal Water supply</b>
	<b>(ii) Waste water quantity, treatment capacity, detail</b>	(ii) Total Waste Water Generation: 87 KLD. Treatment capacity: 100 KLD STP.
	<b>(iii) Recycling / reuse of treated water and disposal</b>	Recycled water will be used for landscaping and miscellaneous purpose.
	<b>(iv) Solid Waste Management</b>	Details are given below:

**SOLID WASTE QUANTIFICATIONS**

Facilities Provided	Waste Generation Norms		Basis of Assumption	Unit	
Residential	0.4	Kg/capita/day	CPCB	680	Persons
Commercial	0.35	Kg/capita/day	CPCB	81	Persons
Garden & Open Space	0.003	Kg/Sq m/day	Discussion with Horticulturist	807.6	Sq.m
STP Sludge	0.33	Kg/MLD of wastewater treated	Manual for Sewerage and sewage treatment by CPHEEO	0.046	MLD

Waste Oil	100	Liters/MW/year	Assuming one maintenance per year	0.886	MW																			
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	<b>(v) Hazardous Waste Management</b>	<p>The hazardous wastes along with other wastes in the project will be used oil from DG sets, which is classified as per The Hazardous Waste Category 5.1 as per The Hazardous Wastes (Management &amp; Handling) Rules, 2016.</p> <ul style="list-style-type: none"> <li>Used oil from DG sets will be stored in HDPE drums in isolated covered facility. This used oil will be sold to authorized recyclers. Suitable care will be taken so that spills/leaks of used oil from storage are avoided.</li> </ul>																						
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	<b>(v) Green belt development (20 % of construction projects and 33 % for others)</b>	<p>It is a part of Scheme No. 140 which has a landscaping area approx 7.600 Hect. excluding green area of central verge. Which is approximately 11.51% of total scheme area.</p> <p>An area on periphery &amp; central verge of the common road for RCM-14 is about <b>807.62</b> Sq.mt. and it will be developed under landscape/green belt.</p> <p>Approximately 320 big/ornamental trees will proposed to be planted on the periphery of the project site.</p>																						
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2BHK	64	64	64(Assuming @1 ECS including Two Wheeler Space)																					

		3BHK	72	72	108 (Assuming @ 1.5 ECS including Two Wheeler Space)
		Shops	27	27	40 (Assuming @ 1.5 ECS including Two Wheeler Space)
		Visitors	-	--	15 Cars & 26 Two Wheelers = 28 ECS
		<b>Total</b>	<b>95</b>	<b>163</b>	<b>240</b>
13	<b>If the project involves foreshore facilities</b> (i) Shoreline study (ii) Dredging details, disposal of dredge material (iii) Reclamation (iv) Cargo handling with dust control measures (v) Oil Spill Contingent Management Plan	N.A.			
14	<b>If the project involves Marine disposal</b> (i) NOC from PCB in case of marine disposal (ii) details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters 9 (iii) location of intake / outfall. Quantity, (iv) detail of monitoring at outfall (v) Any other relevant information:	N.A.			
15	<b>Other information</b> (i) Investment/Cost of the project	Rs. . 65.07 Crore			
	(ii) Employment potential	120-150 Nos. (Approx.)			
	(iii) Benefits of the project	It is a high rise residential/commercial building project.			
16	<b>Date of Ground water clearance:</b>	N.A.			
17	<b>Cost of proposed EMP and CSR (with detailed components &amp; proposed activities) with capitol cost and recurring cost.</b>	<b>Capital Cost – 172.6 Lakhs</b> <b>Recurring Cost – 23.6 lakhs</b>			
18	Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions.	It is a part of Scheme No. 140 which has a landscaping area approx 7.600 Hect. excluding green area of central verge. Which is approximately 11.51% of total scheme area. An area on periphery & central verge of the common road for RCM-14 is about <b>807.62</b> Sq.mt. and it will be developed under landscape/green belt. Approximately 320 big/ornamental trees will proposed to be planted on the periphery of the project site. Trees like <i>Azadirachta indica</i> , <i>Delonix regia</i> , <i>Jacaranda mimosifolia</i> , etc. and			



		flowering and ornamental plants have been proposed to be planted inside the premises. IDA has budgetary provision to develop the landscaping of RCM – 13 which is Rs. 10.00 lakhs and the maintenance amount will be Rs. 2.00 Lakh/Annum.
19	Any river/Nallha flowing near or adjacent to the proposed project. If yes, please give details.	No water bodies passing through the project area Pipliyapala Talab : 6.510 KM (SW) Bailvali Talab: 5.97 KM (SW)

EIA was presented by the PP and their Consultant in the 319th SEAC meeting dated 22/06/2018, wherein during presentation PP stated that it is a part of Scheme No. 140 which has a landscaping area approx 7.600 Hect. excluding green area of central verge which is approximately 11.51% of total scheme area. An area on periphery & central verge of the common road for RCM-14 is about 807.62 Sq.mt. and it will be developed under landscape/green belt. Approximately 320 trees will proposed to be planted on the periphery of the project site. The proposed Residential/Commercial project is planned in a plot measuring 9730.00 Sq.mt. (0.9730 Hect.), Net Proposed Area (New Demarcated Land) – 7922.45 Sq.mt. (0.792 Hect.) at Plot Area –RCM 14, Village Pipliyahana, Tehsil & District- Indore (M.P.). The ground surface has a mild and gentle slope allowing efficient surface run-off. The project is not likely to alter or obstruct any natural drainage courses. There is no natural watercourse passing through the project site. Hence the proposal does not involve alteration of natural drainage systems. After presentation, PP was asked to submit response on following:

- 1) Revised species of plantation as suggested by the committee during presentation.
- 2) Organization structure of the company and persons specific role & responsibility.
- 3) Fire and other relevant NOCs
- 4) Natural drainage pattern and commitment that project would not affect the surrounding area.
- 5) No construction commitment from PP.
- 6) Proposal for providing solar lights and budgetary provisions.
- 7) Solar lights provisions and total load.

PP vide letter dtd. 22.06.2018 submitted reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC for Mr. C. P. Moondra, Executive Engineer, Indore Development Authority, 7, Race Course Road, Indore, (M.P.) - 452003. Prior Environment Clearance for Proposed High Rise Residential/ Commercial Development of Land Bearing No. RCM -14 at Scheme - 140, Distt.- Indore. (Total Plot Area: 9730.0 sqm, Net Proposed Area (New Demarcated Land):

7922.45 sqm, Built--up Area: 32130.70 sqm) Khasra No. – 564, 565, 569/1, 569/2, 569/3, 569/4, 569/5 (Combined for RCM 13 & 14 Part of IDA Scheme No. – 140) Village – Pipaliyahana, Tehsil & Distt. – Indore (M.P.) Cat. - 8(a), subject to the following special conditions:

**(A) PRE-CONSTRUCTION PHASE**

1. During demolition of old structures, the entire area should be covered with 12 feet MS sheets and due care should be taken for noise and vibration control during demolition work.
2. Curtaining of site should also be carried out to protect nearby habitat.
3. For dust suppression, regular sprinkling of water should be undertaken
4. PP will obtain other necessary clearances/NOC from respective authorities.
5. 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.

**(B) CONSTRUCTION PHASE**

6. During construction phase, a settling tank should be provided before final discharge of the effluent.
7. PPE's such as helmet, ear muffs etc should be provide to the workers.
8. Fire extinguishers should be provided on site during construction period.
9. Properly tuned construction machinery and good condition vehicles (low noise generating and having PUC certificate) should be used.
10. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
11. 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 320 no's of trees will be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
12. The proposed land use of the project is as follows:

S.No.	Particulars	Area	Percentage
1	Total Land Area as per T & CP	9730.00 Sq.mt.	100%

2	Area under road	1807.55 sq.mt.	18.57%
3	Net planning area (as per new demarcated plan)	7922.45 Sq.mt.	81.42%

13. MSW storage area should have 48 hours storage capacity and MSW should be disposed off at a designated place in consultation with the local authority.
14. As proposed, 02 number rain water harvesting pits of 12 Cum. capacities each should be provided and their design should be based on recharge rate study.
15. CFL/LED should be preferred over of tube lights.
16. Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
17. PP should explore the possibility of providing solar street light.
18. Waste oil generated from the DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.

**(C) POST CONSTRUCTION/OPERATIONAL PHASE**

19. Fresh water requirement for the project shall not exceed 121 KLD
20. As proposed, the sewage and waste water should be treated in STP of 100 KLD
21. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
22. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

**(D) ENTIRE LIFE OF THE PROJECT**

23. PP has proposed Rs. 172.60 lacks as capital cost and Rs. 23.6 lacks/year for recurring expenses in the proposed EMP of this project.
24. PP has proposed Rs. 0.50 lacks for green belt development in the operation phase proposed in the EMP of this project.
25. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
26. The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016, Plastic Waste Management Rules 2016, e-waste (Management) Rules, 2016, Construction and Demolition Waste Management Rules, 2016 and Solid Waste Management Rules, 2016 etc.

27. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
28. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**10. Case No. - 5702/2018 M/s Shikhar Housing Development Pvt. Ltd, Khasra No. 79/7, Village - Pipaliyakumar, Nipania Main Road, Indore, MP – 452010. Prior Environment Clearance for Group Housing Project "Balaji Skyz" (Total Plot Area: 25800.0 sqm, Net Development Area : 17435.38 sqm, Built-up Area: 42986.92 sqm) Khasra No. – 74/2, 74/3, 76, 78 & 79/4, at Village - Pipaliya Kumar, Tehsil - Indore, Distt. –Indore (M.P.) Cat. - 8(a) Building and Construction Projects. FoR – Building Construction. Env. Con. – Env. Con. – EQMS, Delhi. (Violation Case).**

This is case of Prior Environment Clearance for Group Housing Project "Balaji Skyz" (Total Plot Area: 25800.0 sqm, Net Development Area : 17435.38 sqm, Built-up Area: 42986.92 sqm) Khasra No. – 74/2, 74/3, 76, 78 & 79/4, at Village - Pipaliya Kumar, Tehsil - Indore, Distt. –Indore (M.P.) Cat. 8(a) Building and Construction Projects.

PP has submitted EIA vide letter No. Nil dated 04/06/18 which was forwarded through SEIAA vide letter no. 976 dated 08/06/2018.

This case was scheduled in this meeting wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation. During presentation, PP submitted following salient features of the project:

- M/s Shikhar Housing Development Pvt. Ltd. has developed a group housing project “Balaji Skyz” at Village Pipliyakumar, Indore.
- Project site is spread over area of 25,800 sq m (6.38 acres) and have built-up area of 42,986.92 sq m. Presently 17,435 sq m area is developed and rest area is reserved for future development.
- Project falls under activity 8 (a) and Category B of Schedule I of EIA Notification, 2006 as amended
- Project comprises of 4 nos. of residential block (408 Dwelling units), EWS housing (33 Dwelling units), club and small convenient shopping block along with the allied facilities like guard room, electrical room, green area and STP.

### **DETAILS OF VIOLATION**

- Project is developed without obtaining the environmental clearance due to unawareness of applicability of EIA Notification, 2006 on the project.
- After knowing the applicability, application was submitted to SEIAA, M.P. for obtaining environmental clearance in May, 2013.
- Project was taken up in 138th SEAC, M.P. meeting held on 25.07.2013 and proponent admitted that violation. Project was returned to SEIAA, M.P. and recommended to take action as per MoEF&CC OM dated 12.12.2012.
- Accordingly case was taken up in SEIAA 151st SEIAA, M.P. meeting held on 22.10.2013 and SEIAA, M.P. recommended proponent to submit details as per MoEF&CC OM dated 12.12.2012 and also initiated credible action against the proponent.
- Then SEIAA accorded post-facto approval and forwarded the case to SEAC, M.P for further action in 158th meeting held on 4.09.2014. Project was then discussed in 149th SEAC, M.P. meeting dated 5th September, 2014 and decided to conduct the visit to the site.
- Project was then taken up in 152nd SEAC meeting held on 20th October, 2014 and SEAC recommended the project for post facto environment clearance. Project was then discussed in 169th, 174th, 204th, 211th SEIAA meetings. There after NGT order dated 7.7.2015, SEIAA put all the violation cases on abeyance.
- The case was again put on hold after issue of draft MoEF&CC notification for violation cases in 352nd SEIAA Meeting and was closed in 417th SEIAA meeting after issue of final notification of MoEF&CC dated 14.03.2017.
- Application for grant of environment clearance was submitted to MoEF&CC as per MoEF&CC Notification 804 (E) dated 14.03.2017. Thereafter MoEF&CC has issued amendment SO 1030 dated 8th March, 2018 and has directed that Category B projects involving violation will be appraised at State Level and all the category B proposals will be transferred to SEIAA. In view of this MOEF&CC transferred our project to SEIAA, MP on 28th March, 2018.

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 8<sup>th</sup> March, 2018 recommends that case may be dealt as per the provisions laid down in this notification and the project may granted Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as a independent chapter in the EIA report by the accredited consultant and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories.

Hence committee recommended to issue additional TOR as per notification dated 08<sup>th</sup> March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PN2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area.
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as

during operational phase of the project.

13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

**11. Case No. - 5703/2018 Mr. Raman Mahajan, Executive Engineer, Indore Development Authority, 7, Race Course Road, Indore, (M.P.) – 452003. Prior Environment Clearance for Area Development Project of Scheme No. - 169A, Total Area – 150.146 Ha. Net Planing Area – 96.311 Ha., at Village - Sukhliya, Kumedi, Narval, Bhawrasala, Tehsil - Indore, Dist. Indore, (M.P.) Cat. - 8(b) Township and Area Development Projects. For ToR. Env. Con. – In Situ Enviro Care, Bhopal (M.P)**

This is case of Prior Environment Clearance for Area Development Project of Scheme No. - 169A, **Total Area – 150.146 Ha. Net Planing Area – 96.311 Ha.**, at Village - Sukhliya, Kumedi, Narval, Bhawrasala, Tehsil - Indore, Dist. Indore, (M.P.) **Cat. - 8(b) Township and Area Development Projects.**

PP has submitted ToR Application vide letter No. 3694 dated 18/05/18 which was forwarded through SEIAA vide letter no. 978 dated 08/06/2018.

It being a case of Area Development Project of *Scheme No. - 169A*, where total area 150.146 Ha. committee recommended to issue standard TOR as prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and as per Annexure-D:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.

3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
  4. Land acquisition status, R & R details.
  5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
  6. Baseline environmental study for ambient air (PM10, PN2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
  7. Details on flora and fauna and socio-economic aspects in the study area.
  8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
  9. Surface of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
  10. Waste water management (treatment, reuse and disposal) for the project and also the study area
  11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
  12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
- 12. Case No. - 5704/2018 Mr. Raman Mahajan, Executive Engineer, Indore Development Authority, 7, Race Course Road, Indore, (M.P.) - 452003. Prior Environment Clearance for Area Development Project of Scheme No. - 139A, Plot Area – 10,44,340 m<sup>2</sup> Planned Area – 5,76,120 m<sup>2</sup>, at Village - Sukhliya, Kumedi, Narval, Bhawrasala, Tehsil - Indore,**



**Dist. Indore, (M.P.) Cat. - 8(b) Township and Area Development Projects. For ToR. Env. Con. – In Situ Enviro Care, Bhopal (M.P.).**

This is case of Prior Environment Clearance for *Area Development Project of Scheme No. - 139A, Plot Area – 10,44,340 m<sup>2</sup> Planned Area – 5,76,120 m<sup>2</sup>, at Village - Sukhliya, Kumedi, Narval, Bhawrasala, Tehsil - Indore, Dist. Indore, (M.P.)* **Cat. - 8(b) Township and Area Development Projects.**

PP has submitted ToR Application vide letter No. 3691 dated 18/05/18 which was forwarded through SEIAA vide letter no. 980 dated 08/06/2018.

It being a case of Area Development Project of *Scheme No. - 139A*, where total plot area ***10,44,340 m<sup>2</sup>*** and ***Planned Area – 5,76,120 m<sup>2</sup>***, committee recommended to issue standard TOR as prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and as per Annexure-D:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PN2.5, SO<sub>2</sub>, NO<sub>x</sub> & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area.
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)

9. Surface of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.

**(Dr. Mohd. Akram Khan)**  
**Member**

**(Sonal Mehta)**  
**Member**

**(Dr. Rubina Chaudhary)**  
**Member**

**(Prashant Shrivastava)**  
**Member**

**(Mohd. Kasam Khan)**  
**Chairman**

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

**Annexure- 'A'**

**Standard conditions applicable to Stone/Murrum and Soil quarries:**

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
4. Transportation of material shall be done in covered vehicles.
5. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
6. Curtaining of site shall be done using appropriate media.
7. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
8. Transportation shall not be carried out through forest area.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
10. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
11. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
12. NOC of gram panchayat should be obtained for the water requirement.
13. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
14. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
15. Mining should be done as per the submitted land use plan submitted by PP.

**Annexure- 'B'**

**Standard conditions applicable for the sand Mine Quarries\***

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Plantation shall be carried out on the banks for stabilization of the banks.
5. The mining activity shall be done manually.
6. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
7. NOC of gram panchayat should be obtained for the water requirement.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The depth of mining shall be restricted to 3m or water level, whichever is less.
12. No in-stream mining shall be allowed.
13. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
14. Established water conveyance channels should not be relocated, straightened, or modified.
15. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
16. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
17. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
18. EC will be valid for mine lease period subject to a ceiling of 5 years.
19. Mining should be done as per the submitted land use plan submitted by PP.

**Annexure- 'C'**

**Standard conditions applicable for the Khodu Bharu sand Mine Quarries\***

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
3. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
4. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
5. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
6. The mining activity shall be done manually.
7. Heavy vehicles shall not be allowed for removal of sand.
8. The sand shall be transported by small trolleys up to the main transport vehicle.
9. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
10. No Mining shall be carried out during Monsoon season.
11. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
12. NOC of gram panchayat should be obtained for the water requirement.
13. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
14. The mining shall be carried out strictly as per the approved mining plan.

**Annexure- 'D'**

**General conditions applicable for the granting of TOR**

1. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
2. An inventory of flora & fauna based on actual ground survey shall be presented.
3. Risk factors with their management plan should be discussed in the EIA report.
4. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
5. The EIA document shall be printed on both sides, as far as possible.
6. All documents should be properly indexed, page numbered.
7. Period/date of data collection should be clearly indicated.
8. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.

9. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
10. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
11. Grant of TOR does not mean grant of EC.
12. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
13. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
14. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
15. All the necessary NOC's duly verified by the competent authority should be annexed.
16. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
17. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
18. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
19. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
20. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
21. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
22. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.