

The 343rd meeting of the State Expert Appraisal Committee (SEAC) was held on 19th February, 2019 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. Sonal Mehta, Member.
3. Shri Prashant Srivastava, Member.
4. Dr. R. Maheshwari, Member.
5. Dr. Rubina Chaudhary, Member

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

- 1. Case No. - 2471/2015 M/s S.N.S. (Minerals) Ltd., Shri Himanshu Kothari, Executive Director & Nominated Owner, N.H-7, Rewa Road, Maihar, distt-Satna (M.P.) - 485771Tilaura Limestone Mine Lease Area - 3.774 ha., Capacity Limestone 25000TPA & Reject Stone 30000 TPA at Khasra Nos. 909, 910, 911, 912, 915, 996, 997, 998, 999, & 1001 at Vill.-Tilaura, Th.--Maihar, Distt-Satna (M.P.).EIA Presentation. Env.Consultant: Cognizance Research India Pvt.Ltd.**

This is a mining project pertaining to mining of limestone & reject stones from a lease area of 3.774 Ha. The project is covered under the provisions of EIA notification. It is mentioned as item 1(a) in the schedule of the EIA notification hence requires prior EC from SEIAA. The application for EC was forwarded by the SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. PP and his consultant presented the salient features, PFR and proposed TOR before the committee in this meeting. The project is located at Khasra Nos. 909, 910, 911, 912, 915, 996, 997, 998, 999, & 1001 at Vill.-Tilaura, Tehsil Maihar, Distt-Satna (M.P.).

Brief Chronology of the case:

The ToR was recommended in the 192th SEAC Meeting dtd. 08/05/15 and the TOR Validity was up to 07/05/2018. Further, in the SEAC 314th meeting dtd. 10.05.2018 it was recorded that:

"TOR's were issued to the following cases and till date neither the EIA is submitted by PP nor has PP submitted any request for TOR's validity extention and the validity of TOR is expired. Hence committee after deliberations decided that these cases may be sent to SEIAA for delisting:

On the basis of SEAC recommendation, the case was closed by SEIAA in 483th meeting dated 16.05.2018. Vide SEIAA letter no. 1474 dtd. 08.10.2018 wherein it was recorded that:

“PP has submitted an application on 25/5/2018 & 10/8/2018 with revised Form-1 and PFR for reconsideration the case as per OM dated: 29/08/2017 issued by MoEF & CC and requested to extend ToR validity for one year from the completion of three years. It is also mention that the public hearing was conducted on 5/2/2018. ToR has been issued by SEAC vide L.No. 448/PS-MS/MPPCB/SEAC/TOR (192)/2015 dated: 15/5/2015.”

“After review of the documtes submitted by PP for recondiseration of the case and considering OM dated: 29/8/2017 issued by MoEF/CC and regarding clarification of the validity of TOR, it is as mention in OM dated: 29/8/2017.”

(iii) *The above validity period can be extended by the concerned regulatory authority for a maximum period of one year without referring the proposal to the EAC/SEAC concerned, provided on application is made by the applicants before expiry of the validity period, together with an updated Form-1 and proper justification and there is no change in terms and conditions of the ToRs. After the lapse of validity such extension will need EAC/SEAC consideration.*

The case was presented by the PP and their consultant in 330th SEAC meeting dated 24/10/2018, wherein during discussion PP informed that there is no change in the production and requested committee that in the light of the above notification dated 29/08/2017 for extention in the validity of TOR for one year. After deliberations, the committee recommends that the TOR validity may be extended for one year with validity up to 06/05/2019 based on revised from-1and PFR submitted by PP.

PP has submitted the EIA report vide letter dated 22/01/2019 which was forwarded through SEIAA vide letter no. 2085 dated 31/01/2019

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.

2. **Case No. - 5803/2018 M/s Insight Mall Developers Pvt. Ltd, C/o Market City Resources Pvt. Ltd., Ground Floor, R.R.Hosiery Building, Shree Luxmi Woolen Mills Estate, Mahalaxmi, Mumbai, (Maharashtra) – 400011. Prior Environment Clearance for Construction of Phoenix Market City Indore of M/s Insight Mall Developers Pvt. Ltd.,**

[Total Plot Area = 79023.35 sqm., Total Built-up Area = 3,71,409.70 sqm. (19.52 acres)] at Khasra No. – 244/1, 244/2, 242/4, 245, 248/1/1, 243/1 Part and 243/2, Village - Khajrana, Tehsil - Indore & Dist. - Indore, (M.P.). EIA Presentation. Env.Consultant: In Situ Enviro Care.

This is case of Prior Environment Clearance for Construction of Phoenix Market City Indore of M/s Insight Mall Developers Pvt. Ltd., [Total Plot Area = 79023.35 sqm., Total Built-up Area = 371409.70 sqm. (19.52 acres)] at Khasra No. – 244/1, 244/2, 242/4, 245, 248/1/1, 243/1 Part and 243/2, Village - Khajrana, Tehsil - Indore & Dist. - Indore, (M.P.) hence requires prior EC from SEIAA before initiation of activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was presented by the PP and their consultant in 337th SEAC meeting dated 01/01/2019 and during presentation following details were provided.

S. No.	Item	Details
1.	Name of the project	Phoenix Market City, Indore of M/s. Insight Mall Developers Pvt. Ltd.
2.	S. No. in schedule	The project is categorized as 'B-1' under item 8 (a) of Schedule -Gazette Notification dated Sep 14th, 2006 and subsequent amendments issued by MoEF, New Delhi on 01.12.09 and 04.04.2011.
3.	Proposed capacity / area / length / tonnage to be handled / command area / lease area / number of wells to be drilled	The land use of the proposed project is as under:- Total plot area- 79023.35 sq.mt. (19.52 acres) Total Built up area – 371409.7 Sq. Mt. Use - Shopping mall with multiplex, office buildings, 200 room hotel and residential apartments. Structure - 2 basements + 8 floors
4.	New / Expansion / Modernization	Existing

5.	Existing Capacity/Area etc.	<table> <tr> <th>Description</th><th>Sanctioned EC dated 11.06.2007</th><th>Completed RCC construction as sanctioned EC and approvals</th></tr> <tr> <td>Built up Area</td><td>371409.7 Sq. Mt. (39,97,854 sq.ft.)</td><td>160906.27 Sq.mt. (17,31,979 sq.ft.)</td></tr> <tr> <td>Users</td><td>Shopping mall with multiplex, office buildings, 200 room hotel and residential apartments</td><td>Shopping Mall with Multiplex</td></tr> </table>	Description	Sanctioned EC dated 11.06.2007	Completed RCC construction as sanctioned EC and approvals	Built up Area	371409.7 Sq. Mt. (39,97,854 sq.ft.)	160906.27 Sq.mt. (17,31,979 sq.ft.)	Users	Shopping mall with multiplex, office buildings, 200 room hotel and residential apartments	Shopping Mall with Multiplex
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6.	Category of Project i.e. 'A' or 'B'	'B'									
7.	Does it attract the General condition? If Yes, please specify	No									
8.	Does it attract the Specific condition? If Yes, please specify.	No									
9.	Location	Coordinates: 22°44'47.38"N, 75°56'9.87"E Village- Khajrana, Tehsil & District- Indore(M.P.) – India									
	Plot/Survey/Khasra No.	survey No. 244/1, 244/2, 242/4, 245, 248/1/1, 243/1 part and 243/2									
	Village	Khajrana									
	Tehsil	Indore									
	District	Indore									
	State	Madhya Pradesh									
10.	Nearest railway station/airport along with distance in kms.	Indore Railway Station is at a distance of about 9.8 KMS (SW). Indore Airport at a distance of about 19.8 KMS. (SW)									
11.	Nearest Town, City, District Headquarters along with distance in kms.	<table> <tr> <th>Nearest</th><th>Name</th><th>Distance</th></tr> <tr> <td>City</td><td>Indore</td><td>Within Municipal Area</td></tr> <tr> <td>District Headquarters</td><td>Indore</td><td>10.3 Kms</td></tr> </table>	Nearest	Name	Distance	City	Indore	Within Municipal Area	District Headquarters	Indore	10.3 Kms
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District Headquarters	Indore	10.3 Kms									

12.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Indore Municipal Corporation
13.	Name of the applicant	M/s. Insight Mall Developers Pvt. Ltd.
14.	Registered Address	Insight Mall Developers Pvt. Ltd. Reg. Off.: C/o Market City Resources Pvt. Ltd., Ground Floor, R.R. Hosiery Bldg., Shree Luxmi Woollen Mills Estate, Mahalaxmi, Mumbai, Maharashtra - 400 011
15.	Address for correspondence:	Insight Mall Developers Pvt. Ltd. Reg. Off.: C/o Market City Resources Pvt. Ltd., Ground Floor, R.R. Hosiery Bldg., Shree Luxmi Woollen Mills Estate, Mahalaxmi, Mumbai, Maharashtra - 400 011
	Name	Mr. Vinit Barde
	Designation (Owner/Partner/CEO)	Director
	Address	Insight Mall Developers Pvt. Ltd. Reg. Off.: C/o Market City Resources Pvt. Ltd., Ground Floor, R.R. Hosiery Bldg., Shree Luxmi Woollen Mills Estate, Mahalaxmi, Mumbai, Maharashtra - 400 011
	Pin Code	400 011
	E-mail	vinit.b@phoenixmarketcity.in
	Telephone No.	022- 30016600
	Fax No.	022-30016872
16.	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project.	Earlier the project was initiated by the Five star Developers Pvt. Ltd. (referred as “FSDPL”), with necessary approvals from respective authorities including Environmental clearance, started the construction of project and constructed 2 Basements + Ground + first + partial 2 nd floor R.C.C. structure on site that is 160906.27 Sq.mt. (17,31,979 sq.ft.) Built Up Area out of total proposed built up area. In the

		<p>meanwhile, FSDPL took loans from various banks against this property. In 2013, FSDPL defaulted on its loan repayment and consequently the consortium of banks along with JM financial took over the project. JM financial, under SARFAESI Act, auctioned the project along with the constructed structure to recover the dues. Insight Mall Developers Pvt. Ltd. (formerly known as Insight Hotels and Leisure Pvt. Ltd) purchased the above mentioned project through the auction in March 2017 and took the possession of the project via sale certificate on 22.06.2018.</p> <p>Presently no litigation is pending against the project or the project land in any court of law to the best of knowledge.</p>																														
17.	List out all the major project requirements in terms of the land area, built up area, water consumption, power requirement, connectivity, community facilities, parking needs etc.	<table> <tr> <td>1.</td><td>Total Plot Area</td><td>79023 Sq.Mt.</td></tr> <tr> <td>2.</td><td>Total Built up area</td><td>371409.7 Sq.Mt.</td></tr> <tr> <td>3.</td><td>Structure</td><td>2 Basement + 8 Floor</td></tr> <tr> <td>4.</td><td>Fresh Water Demand</td><td>2058 KLD</td></tr> <tr> <td>5.</td><td>STP</td><td>1700 KLD</td></tr> <tr> <td>6.</td><td>Solid Waste Generation</td><td>5.798 TPD</td></tr> <tr> <td>7.</td><td>Power Requirement</td><td>5000 KVA</td></tr> <tr> <td>8.</td><td>Power Back Up Source</td><td>4 X 1250 KVA 1 X 750 KVA</td></tr> <tr> <td>9.</td><td>Connectivity Facilities</td><td>Project site is adjacent to existing MR -10</td></tr> <tr> <td>10.</td><td>Community Facilities</td><td>Bombay Hospital– 3.24 KM (W) Apollo Hospital– 5.18 KM (W)</td></tr> </table>	1.	Total Plot Area	79023 Sq.Mt.	2.	Total Built up area	371409.7 Sq.Mt.	3.	Structure	2 Basement + 8 Floor	4.	Fresh Water Demand	2058 KLD	5.	STP	1700 KLD	6.	Solid Waste Generation	5.798 TPD	7.	Power Requirement	5000 KVA	8.	Power Back Up Source	4 X 1250 KVA 1 X 750 KVA	9.	Connectivity Facilities	Project site is adjacent to existing MR -10	10.	Community Facilities	Bombay Hospital– 3.24 KM (W) Apollo Hospital– 5.18 KM (W)
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				Advance Academy School – 917.93 M. (W) DPS Indore – 1.62 KM. (NW) RKDF School of Engineers - 3.46 KM (S)	
		11	Parking Provided	5000 vehicles (4500 ECS) (4000 Cars +1000	
18.	Name of the consultant	In Situ Enviro Care Address: E- 7/829, Shahpura, Arera Colony, Bhopal - 462016 (M.P.)			
19.	SR. No. in Nabet/QCI List	86			

This case was presented by the PP and their consultant wherein PP submitted that earlier the project was initiated by the Five star Developers Pvt. Ltd. (referred as “FSDPL”), with necessary approvals from respective authorities including Environmental clearance, started the construction of project and constructed 2 Basements + Ground + first + partial 2nd floor R.C.C. structure on site that is 160906.27 Sq.mt. (17,31,979 sq.ft.) Built Up Area out of total proposed built up area. In the meanwhile, FSDPL took loans from various banks against this property. In 2013, FSDPL defaulted on its loan repayment and consequently the consortium of banks along with JM financial took over the project. JM financial, under SARFAESI Act, auctioned the project along with the constructed structure to recover the dues. Insight Mall Developers Pvt. Ltd. (formerly known as Insight Hotels and Leisure Pvt. Ltd) purchased the above mentioned project through the auction in March 2017 and took the possession of the project via sale certificate on 22.06.2018. Presently no litigation is pending against the project or the project land in any court of law to the best of knowledge. Earlier EC was obtained from MoEF&CC and CTE from MP Pollution Control Board.

After presentation committee recommends for issuance of TOR for preparing EIA / EMP for the project:

1.	Maps have to be submitted depicting the following: ❖ Recent land use features in the region. ❖ Map Depictions: Coloured maps depicting land-use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing
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	<p>green-belt (existing & planned).</p> <p>❖ Location is also to be shown in map.</p>
2.	<p>One season (non-monsoon) primary baseline data on ambient air quality should be collected along with quality assessment for surface and ground water of the region. Site-specific meteorological data should also be collected. The location of the monitoring stations should be justified. For air monitoring it may be kept in view that there is at least one monitoring station in the unwind direction and one in pre-dominant downwind direction where maximum GLCs are likely to occur. Other aspects like habitation and sensitive receptors may also be kept in view. The monitoring stations should be shown on the location map super imposed with windrows. If data is collected in nearby similar project, one month validation shall be carried out.</p>
(I)	EMP should have plans for ground-water recharging.
(II)	Impact of change of land use particularly grazing/ agriculture land. Alternate arrangements made in this regard should also be presented.
(III)	Any litigation pending against the project and /or any direction /order passed by any Court of Law against the project, if so, details thereof.
(IV)	Details of greenbelt afforestation. Species of plants proposed in the green belt development as per standard guidelines of CPCB/State Forest Department should be listed. Additional species should also be considered for plantation on need-based survey of the local population.
(V)	Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the project should be provided.
(VI)	Other mandatory permissions and clearances from various authorities.
(VII)	Water and shelter for the workers at site has to be ensured.
3.	<p>Besides the above, the below mentioned general points have also to be followed:-</p> <ul style="list-style-type: none"> ➤ All documents to be properly referenced with index, page numbers and continuous page numbering. ➤ Where data are presented in the report especially in tables, the period in which the data were collected and the sources should be indicated.
4.	<p>Additional points as discussed in the meeting to be incorporated in the EIA/EMP:</p> <ul style="list-style-type: none"> ➤ Details of land-use and micro-level features in 10 Km radius around the proposed site have to be presented in map. ➤ Attempts should be made to keep the campus free from polythene and motor-vehicle – accordingly a detailed plan in this context has to be submitted with

	EIA report.
	➤ Rain water harvesting system with detailed drawing/design, locations and calculations pertaining to net recharge & drop down have to be submitted.
	➤ Approved lay out plan from the competent authority along with the other conceptual plans to be furnished with the EIA.
	➤ Details of green belt, green area and landscaping have to be furnished along with details of land area break up for each of these.
	➤ Land diversion papers from competent authority to be submitted with EIA.
	➤ Distance from nearest forest boundary and other sensitive features such as water bodies, national parks, tourist centers, religious spots etc.
	➤ In compliance of Fly-ash Notification ensure the use of fly-ash in construction; accordingly plan to be submitted.
	➤ Effective CSR has to be made and presented for healthy growth of the region.
	➤ Details of use of renewable energy proposed in the project with quantification of energy saved vis-à-vis proposed activity.
	➤ Details of water conservation proposed in the project with quantification of net water conserved vis-à-vis proposed action.
	➤ Explore the possibility for use of top soil for augmentation of degraded Agriculture fields / Forest covers in the nearby region.
	➤ Contour and Hydrology of the complete area has to be furnished with the EIA report.
	➤ If Green Building Rating is proposed, complete proposal in this regard to be included in the EIA report.
	➤ All papers pertaining to clear title in name of the PP for the complete land has to be furnished with EIA. Notarized copy of land ownership documents & latest 9khasra pannch-sala to be submitted.
	➤ On-site and Off-site emergency plan to meet out any emergency in the project has to be detailed out including the Fire Fighting arrangement planned for the project duly approved by the concerned agency.
	➤ Fire fighting provisions & NOC from competent authority as per MoEF, GoI O.M. dated 07/02/2012 to be reported.
	➤ Parking details to be reported in the plan.
	➤ Details of the management of all types of wastes to be furnished including the MSW, BMW, E-waste, Hazardous wastes etc.
	➤ Details of Sewage and Effluent treatments and ultimate disposal plans for these streams to be furnished in the EIA /EMP report.
5.	PP is to ensure that no run off from the surrounding area accumulate along their boundary wall. Appropriate and effective drainage may be provided by

	PP to ensure unrestricted flow of run off during monsoon. The boundary wall may be designed keeping in mind the natural drainage as stated.
6.	On-site and Off-site emergency plan to meet out any emergency in the project has to be detailed out including the Fire Fighting arrangement planned for the project duly approved by the concerned agency.
7.	Details of Sewage and Effluent treatments and ultimate disposal plans for these streams to be furnished in the EIA /EMP report.
8.	Distance Ralamandal Abhayaran duly verified from DFO. If lies within 10 kms radius, application for NBWL shall be made and submitted with EIA report.
9.	Details of existing construction & facilities.

PP has submitted the EIA report vide letter dated 28/01/2019 which was forwarded through SEIAA vide letter no. 2137 dated 04/02/2019

This case was presented by the PP and their consultant wherein PP submitted that earlier the project was initiated by the Five Star Developers Pvt. Ltd., with necessary approvals from respective authorities including Environmental clearance (Vide letter no. 21-582/2006-IA.III dated 11th June 2007), CTE (Vide letter no. 6682/TS/MPPCB/2007 dated 20th August 2007) and TN&CP NOC (Vide letter no. 5519/G.K./NAGRANI/276/08 Indore dated 17/10/2008) and started the construction of project and constructed 2 Basements + Ground + first + partial 2nd floor R.C.C. But due to some regions the developer leaves the project and then bank sold out it to current proponent. The PP writes a letter to MoEF&CC to change the proponent name in environment clearance to continue the construction which reply was given by the ministry vide letter no. 1598/SEIAA/2018 dated 23.10.2018 to refer the case to SEIAA, MP to take over the case and during the case presentation committee asked for the fresh EIA to release the fresh EC and the proponent submitted the ToR application to SEAC on dated 06.12.2018 with reference of letter issued by MoEF&CC.

The Environmental Impact Assessment (EIA) study for the project in accordance with the EIA Notification 2006 (and amendments there to) and the Terms of Reference (ToR) recommended by State Expert Appraisal Committee, Madhya Pradesh on dated 1st January 2019 in 337th meeting for case number 5803/2018. Than after PP submitted the EIA reports for EC to SEAC, MP on dated 28.01.2019.

Further stated that PP there is no National Park and Protected Sanctuaries within the study area, no impact is anticipated on the same. Ralamandal Wildlife Sanctuary is about 10.43 km away from the project site in South direction as per SoI Toposheet Nos 46 N/13, 46 N/14, 55 B/1 & 55 B/2. & Google Satellite Image 2018. PP further submitted that no litigation is pending against this case and they are not proposing any change in the project and all the dimension are exactly same for which earlier they have obtained EC. PP also informed that the entire project will be “zero liquid discharge”. After presentation, PP was asked to submit following informations:

1. Study area contains forest area PP was asked to submit bifurcation of RF/PF.
2. Revised EMP with OHS budget is to be submitted by the PP.
3. Bifurcated EMP activities during construction and operation phase.
4. Dimensions & details of road, storm water line and drainage line.

PP vide letter dated 19/02/2019 submitted reply of the above query. The query reply was before the committee, after deliberations, the submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Construction of Phoenix Market City Indore of M/s Insight Mall Developers Pvt. Ltd., [Total Plot Area = 79023.35 sqm., Total Built-up Area = 3,71,409.70 sqm. (19.52 acres)] at Khasra No. – 244/1, 244/2, 242/4, 245, 248/1/1, 243/1 Part and 243/2, Village - Khajrana, Tehsil - Indore & Dist. - Indore, (M.P.). Cat. 8(a) [EIA Presentation. Env.Consultant: In Situ Enviro Care], subject to the following special conditions:

I. Statutory Compliance

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.

- vi. All other statutory clearances such as the approvals for storage of diesel from Fire Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

II. Air Quality Monitoring and preservation

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. Substation of 33 KV/433 KV capacities is being proposed at ground floor. This substation will have 2 nos. 2500 KVA, 33 KV/433V and 1 No. 1250 KVA, 33 KV/433 V step down transformer, 4 panels 33 KV, 1500 MVA VCB switchboard. A metering panel along with HT breakers with over current and earth fault protection shall be provided in the complex. 4 Nos. of 1250 KVA and 1 No. of 750 KVA D.G set will be used for backup. Fuel will be used HSD Fuel type. Source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG Sets should be equal to the height needed for the combined capacity of all proposed DG sets. Low sulphur diesel shall be used on DG Sets. The location of the DG sets may be decided with in consultation with MP Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.

- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The gaseous emission from DG set (4 Nos. of 1250 KVA and 1 No. of 750 KVA D.G set) shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xi. For indoor air quality, the ventilation provisions as per National Building Code of India shall be provided.

III. Water quality monitoring and preservation

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible minimum cutting and filling should be done.
- iii. Total fresh water use shall not exceed 2058 KLD.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be to monitor to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.

- viii. PP should explore the possibility of providing water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done and should be a “Zero Liquid Discharge” project.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. Total ground water recharge through Rain water harvesting would be 22882.75 m³/annum. Ground water recharging should be as per the CGWB norms.
- xii. All recharge should be limited to shallow aquifer.
- xiii. No ground water shall be used during construction phase of the project.
- xiv. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xv. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.
- xvi. Total water requirement for the project is 3539 KLD. The generated sewage 1649 KLD shall be treated in the STP of KLD. The treated water 1481 KLD from STP shall be recycled/re-used for flushing, cooling and gardening.
- xvii. No sewage or untreated effluent water would be discharged through storm water drains.
- xviii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problems from STP.
- xix. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

IV. Noise monitoring and prevention

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.

- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. D.G set will be used for backup of all pollution control measures also. Noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

V. Energy Conservation measures.

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Energy conservation measures like installation of LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- iv. Solar, wind or other Renewable Energy shall be installed in meet electricity generation equivalent to 1% of the demand load or as per the state level/local building bye-law's requirement, whichever is higher.
- v. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power.

VI. Waste Management

- i. The solid waste generated from project will be mainly domestic in nature and the quantity of the waste will be 5.8 TPD (3.2 TPD Biodegradable and 2.6 TPD Non-Biodegradable). Solid wastes generated will be segregated into biodegradable (waste vegetables and foods etc.) and non-biodegradable (Papers, Cartons, Thermo-col, Plastics, Glass etc.) components and collected in separate bins. Recyclable and non-recyclable wastes will be disposed through Govt. approved agency.
- ii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iii. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
- iv. Organic waste Converter within the premises with a minimum capacity of 0.3 Kg/person/day must be installed.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.

- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the MP Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs, TFLs and other e-waste should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid contamination.

VII. Green Cover

- i. Not tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department.
- ii. The 7910 sq meters (10%) of area shall be shall be provided for green belt development as per the details provided in the project document.
- iii. 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. Shrubs along the periphery of the project site and in other open spaces earmarked for this purpose. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
- iv. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
- v. 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.
- vi. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stack plied appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

VIII Transport

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
 - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic.
 - b. Traffic calming measures.
 - c. Proper design of entry and exit points.
 - d. Parking norms as per local regulation.
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. The parking facilities shall be provided for 4000 cars in an area of 94479.39 sqm with meeting the minimum requirement of 35 sqm to each car in covered parking and 25 sqm for each car in open parking. Also provide space for 1000 two wheelers with area 10 sqm for each vehicle.
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

IX. Human health issues

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation, provisions as per National Building Code of India shall be provided.
- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

X. Corporation Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. For EMP, during construction phase, PP has proposed Rs. 282.9 lakh of this project and in operation phase, PP proposed Rs. 14.14 lakh.
- iii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- iv. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- v. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.

XI. Miscellaneous

- i. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- ii. Explore the possibility of utilization of rain water as fresh water through its storage in water sumps to curtail the total water demand in long run.
- iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- iv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other

Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.

3. **Case No. - 5835/2019 M/s Rusan Pharma Ltd, Rusan House, 58-D, Government Industrial Estate, Charkop, Kandivali, Mumbai – 400067 Prior Environment Clearance for Proposed API Drug Manufacturing Plant at Plot No. M-21, Pithampur Industrial Area, Special Economic Zone, Phase-II, Pithampur, Dhar (MP). Capacity – 61,865 Kg/Year. Total Ploty area- 24290.00 sqm Cat. - 5(f) Project Synthetic Organic Chemicals Industry (Bulk Drug). Env. Con. – SMS Enviro Care Ltd. Indore (M.P.).**

This is a case Prior Environment Clearance for Proposed API Drug Manufacturing Plant by Rusan Pharma Ltd. at Plot No. M-21, Pithampur Industrial Area, Special Economic Zone, Phase-II, Pithampur, Dhar (M.P.) Capacity – 61,865 Kg/Year. Total Ploty area- 24290.00 sqm. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was scheduled for the presentation but vide request letter dated 13/02/2018 consultant informed that due to pre occupied QCI – NABET assessment, they wouldn't able to present the case before SEAC and requested to scheduled this case in next upcoming SEAC meeting. Committee decided to call the PP in subsequent meetings.

4. **Case No. - 5798/2018 M/s Madhya Pradesh Police Housing Infrastructure & Development Corporation, G-13, First Floor, MIG Colony, Behind Christian Eminent School, Indore, (M.P.) – 474001. SIA/MP/NCP/84990/2018. Prior Environment Clearance for Construction of (48 + 192) High-Rise Quarters (Total Plot Area = 46225.37 sqm., Total Built-up Area = 23924.83 sqm) No. of DU's – 240 No., Number of Building Blocks- 03 No., at Khasra No. - 69, 71, GRP Land, Village - Bicholi Hapsi, Tehsil - Sanyogitaganj & Dist. - Indore, (M.P.).Category: 8(a) Building & Construction Project.**

This is case of Prior Environment Clearance for Construction of (48 + 192) High-Rise Quarters (Total Plot Area = 46225.37 sqm. Total Built-up Area = 23924.83 sqm) No. of DU's – 240 No., Number of Building Blocks- 03 No., at Khasra No. - 69, 71, GRP Land, Village - Bicholi Hapsi, Tehsil - Sanyogitaganj & Dist. - Indore, (M.P.). Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in 338th SEAC meeting dated 02/01/2019 and during presentation following details were provided.

Salient Features of the project:

1. Name of the Project & its location:

Proposed Construction of (48+192) High-Rise Qtrs. at GRP Land, BicholiHapsi, Indore, Madhya Pradesh is being developed by M.P. Police Housing & Infrastructure Development Corporation Ltd. having registered address G-13, First Floor, M.I.G. Colony, Behind Christian Eminent School, Indore (M.P.).

2. Name of the Company, Address Tele No. & E-mail:

M.P. Police Housing & Infrastructure Development Corporation Ltd.

G-13, First Floor, M.I.G. Colony, Behind Christian Eminent School, Indore, M.P-252001

Tele. No: 0731-2422422, 7049100801

E-mail: cofirstbn@gmail.com

3. Latitude & Longitude of the project:

The latitude and longitude of the project of plot boundary follows:

S.NO.	Latitude	Longitude
A	22°42'54.80"N	75°55'08.02"E
B	22°42'54.61"N	75°55'13.60"E
C	22°42'53.65"N	75°55'14.42"E
D	22°42'43.09"N	75°55'06.79"E
E	22°42'43.18"N	75°55'06.39"E
F	22°42'53.17"N	75°55'06.39"E

4. If a Joint venture, the names & addresses of the JV partners including their share.

NA

5. Project brief: Nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.

Proposed Construction of (48+192) High-Rise Qtrs. at GRP Land, BicholiHapsi, Indore, Madhya Pradesh. Total project will be developed on plot area of 46225.37 sq. m. Which is part of existing police housing complex on total plot area 56220 sq. m., the built-up area of the proposed development is 23924.83 sq. m.

The site is proposed to be connected to NH-3: 0.95 KM (East), NH-59: 0.96 KM (South), NH-59A: 4.25 KM (North East) and SH-27: 5.62 KM (South East).

6. Cost of the project:

The total cost of the project is 36Crores.

7. Whether the project is in Critically Polluted area.

NA

8. If the project is for EC under EIA Notification, 2006

a) For the first time appraisal by EAC

(i) Date of ToR: NA

(ii) Date of Public Hearing, location: NA

(iii) Major issues raised during PH and response of PP: NA

b) Second appraisal

(i) Date of first /earlier appraisal: NA

(ii) Details of the information sought by the EAC with the response of the PP: NA

9. If the project involves diversion of forest land

(i) Extend of the forest land: NA

(ii) Status of forest clearance: NA

10. If the project falls within 10 km of eco- sensitive area

(i) Name of eco- sensitive area and distance from the project site: Ralamandal wildlife sanctuary 9.76 KM (South East).

(ii) Status of clearance from National Board for wild life: NA

11. Waste Management

(i) Water requirement, source, status of clearance: Total water demand of the project is 128 KLD out of which the fresh water demand will be 71 KLD and sourced by Nagar Palika Nigam, Indore. Treated water will be met through on site STP.

(ii) Waste water quantity, treatment capacity, detail: Total waste water generated from the project is 82 KLD, which will be treated on site STP having capacity of 100 KLD.

(iii) Recycling / reuse of treated water and disposal: 57 KLD recycled waste water will be used for flushing, DG cooling and green belt development and rest 8 KLD treated water will be discharged into public sewer.

(iv) Solid Waste Management: 0.61 TPD solid wastes will be generated from the proposed project and will be disposed through Nagar Palika Nigam, Indore.

(v) Hazardous Waste Management: Nominal amount of hazardous waste will be generated from the DG operation and will be disposed through authorized vendor.

12. Other details

(i) Noise modeling with noise control measures for airports: NA

(ii) Details of water bodies, impact on drainage if any: NA

(iii) Details of tree cutting: Not involved

(iv) Energy conservation measures with estimated saving: Solar energy will be used for Street and parks lighting.

(v) Green belt development (20 % of construction projects and 33 % for others): Proposed Green area will be 8884sqm.

(vi) Parking requirement with provision made: Total proposed parking is 258 ECS

13. If the project involves foreshore facilities

(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

14. If the project involves Marine disposal

(i) NOC from PCB in case of marine disposal: NA

(ii) Details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters: NA

(iii) Location of intake / outfall. Quantity: NA

(iv) Detail of monitoring at outfall: NA

(v) Any other relevant information: NA

15. Other information

(i) Investment/Cost of the project is Rs. 36(in crore).

(ii) Employment potential: About 100 labours will be employed during the construction of the project.

(iii) Benefits of the project:

- Employment will be generated during construction phase.

16. Date of Ground water clearance: NA

17. Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost:

EMP costs of the project during operation phase are following.

COMPONENT	CAPITAL COST (Rs in Lacs)	RECURRING COST (Rs in Lacs)/Annum
Sewage treatment plant (100 kld)	18	6.6
Rain water harvesting system (3 no)	12	3
Solid waste composter (Organic Waste Converter 0.4 tpd)	7	3.5
Horticulture development	8	3.5
Roof top spv plant (8 kwp)	6.4	0.4
Environment monitoring		1.5
TOTAL	51.4	18.5

18. Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions: As per Form-1.

19. River/Nallha flowing near or adjacent to the proposed mine. If yes, please give details: Saraswati River, 6.18 KM (North East) of the proposed project.

Project details:

SN	Description	Particulars	Unit
GENERAL			
1	Total Plot Area	56220	SQM
2	Net Plot Area	46225.37	SQM
3	Proposed Built Up Area	23924.83	SQM
4	Number of Building Blocks	03	NOS
5	Total no of DU's	240	NOS
6	Max Height of Building	42	M
7	Max No of Floors	(S+12), (B+S+6)	NOS
8	Cost of Project	36	CR
9	Expected Population	1210	PERSONS
10	Proposed Ground Coverage Area (5.14 %)	2378.06	SQM
11	Permissible FAR Area	92450.74	SQM
12	Proposed FAR Area (@ 0.33)	15315.48	SQM
13	Non FAR, & Other areas	8609.35	SQM
14	Proposed Built Up Area	23924.83	SQM
WATER			
15	Total Water Requirement	128	KLD
16	Fresh water requirement	71	KLD
17	Waste water Generation	81	KLD
18	Proposed STP Capacity	100	KLD
19	Treated Water Available for Reuse	65	KLD
20	Recycled Water	57	KLD
21	Surplus treated water	8	KLD
RAIN WATER HARVESTING			

22	No of RWH of Pits Proposed	3	NOS
PARKING			
23	Total Parking Required as / Building Bye Laws	258	Cars
24	Total Proposed Parking	258	Cars
25	Proposed Surface & Stilt Parking	221	Cars
26	Proposed Basement Parking	37	Cars
GREEN AREAS			
27	Required Green Area	4622.54	SQM
28	Proposed Green Area (19.22 % of Plot Area)	8884	SQM
WASTE GENERATION			
29	Municipal Solid Waste Generation	0.61	TPD
30	Quantity of E-Waste Generation- Kg/Day	3.9	KG/DAY
31	Quantity of Hazardous waste Generation	0.5	LTS/DAY
32	Quantity of Sludge Generated from STP	118	KG/DAY
POWER			
33	Total Power Requirement	720	KVA
34	DG set backup	160	KVA

This case was presented by the PP and their consultant in 338th SEAC meeting dated 02/01/2019, wherein it was observed from the given co-ordinates that the distance of this project site from the Ralamandal Wildlife Sanctuary is <10 km for which committee asked PP to apply for the NBWL Clearance and submit the copy of this application for further consideration of this project as per OM No. J-11013/41/2006-IA.II (I) Dated 02/12/2009.

PP vide letter no. 14 dated 05/01/2019 has submitted the copy of online application submitted for WL Clearance. PP has applied online for wild life clearance with proposal no. FP/MP/Others/3772/2019 and date of submission is 04/01/2019 and thus the case was placed in agenda for appraisal.

This case was scheduled for the presentation and discussion in 339th SEAC meeting dated 29/01/2019 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 of SEAC for appraisal.

The case was presented by the PP and their consultant and after presentation and discussion PP was asked to submit response on following:

1. Questionnaire for environmental appraisal along with the list of documents to be attached with the questionnaire.
2. Ornogram of the Environment Policy of the Company.
3. Since EC is for (48 + 192) high rise quarters hence necessary NOC for height clearance from Airport Authority of India is to be submitted by the PP.
4. Line diagram with its dimensions and cross section of storm water layout and domestic drain is to be submitted.
5. Revised CSR as suggested during presentation.

PP vide letter dated 19/02/2019 submitted reply of the above query. The case was presented by the PP and their consultant wherein the details of area with Form-1 A and in query reply are not matched. PP was asked to provide justified details wrt form1A and presentation.

5. Case No. - 5799/2018 M/s Madhya Pradesh Police Housing Infrastructure & Development Corporation, G-13, First Floor, MIG Colony, Behind Christian Eminent School, Indore, (M.P.) – 474001. SIA/MP/NCP/84995/2018. Prior Environment Clearance for Construction of (12 + 480) High-Rise Quarters at 1st Battalion, S.A.F., Indore, No. of DU's – 492 No., Number of Building Blocks - 06 No., (Total Plot Area = 227790 sqm., Total Built-up Area = 43474.34 sqm) at Khasra No. – 36, Village - Kashwa, Tehsil - Malharganj & Indore, (M.P.). Category: 8(a) Building & Construction Project.

This is case of Prior Environment Clearance for Construction of (12 + 480) High-Rise Quarters at 1st Battalion, S.A.F., Indore, No. of DU's – 492 No., Number of Building Blocks - 06 No., (Total Plot Area = 227790 sqm., Total Built-up Area = 43474.34 sqm) at Khasra No. – 36, Village - Kashwa, Tehsil - Malharganj & Dist.-Indore, (M.P.). Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in 338th SEAC meeting dated 02/01/2019 and during presentation following details were provided.

Salient Features of the project:

1. Name of the Project & its location:

Proposed Construction of (12+480) High-Rise Qtrs. at 1st Battalion, Sadar Bazar, Indore, Madhya Pradesh is being developed by M.P. Police Housing & Infrastructure Development Corporation Ltd. having registered address G-13, First Floor, M.I.G. Colony, Behind Christian Eminent School, Indore (M.P.).

2. Name of the Company, Address Tele No. & E-mail:

M.P. Police Housing & Infrastructure Development Corporation Ltd.

G-13, First Floor, M.I.G. Colony, Behind Christian Eminent School, Indore, M.P.-252001

Tele. No: 0731-2422422, 7049100801

E-mail: cofirstbn@gmail.com

3. Latitude & Longitude of the project:

The latitude and longitude of the project of plot boundary follows:

S.NO.	Latitude	Longitude
A	22°43'55.25"N	75°51'01.88"E
B	22°43'55.85"N	75°51'07.17"E
C	22°44'01.96"N	75°51'05.68"E
D	22°44'01.97"N	75°51'07.60"E
E	22°44'03.52"N	75°51'07.48"E
F	22°44'04.36"N	75°51'25.52"E
G	22°43'50.80"N	75°51'26.07"E
H	22°43'50.68"N	75°51'17.50"E
I	22°43'45.13"N	75°51'16.99"E
J	22°43'45.02"N	75°51'16.96"E

4. If a Joint venture, the names & addresses of the JV partners including their share.

NA

5. Project brief: Nature of proposal (new/expansion,) total area- land use, project components, connectivity to the site etc.

Proposed Construction of (12+480) High-Rise Qtrs. at 1st Battalion, Sadar Bazar, Indore, Madhya Pradesh. Total project will be developed on plot area of 224667 sq. m which is part of existing police housing complex on total plot area 227790 sq. m. the built-up area of the proposed development is 43474.34 sq. m.

The site is proposed to be connected to NH-3: 7.75 KM (East), NH-59: 1.47 KM (South), NH-59A:6.05 KM (South East) and SH-27: 0.01 KM (West).

6. Cost of the project:

The total cost of the project is 65Crores.

7. Whether the project is in Critically Polluted area.

NA

8. If the project is for EC under EIA Notification, 2006

a) For the first time appraisal by EAC

(i) Date of ToR: NA

(ii) Date of Public Hearing, location: NA

(iii) Major issues raised during PH and response of PP: NA

b) Second appraisal

(i) Date of first /earlier appraisal: NA

(ii) Details of the information sought by the EAC with the response of the PP: NA

9. If the project involves diversion of forest land

(i) Extend of the forest land: NA

(ii) Status of forest clearance: NA

10. If the project falls within 10 km of eco- sensitive area

(i) Name of eco- sensitive area and distance from the project site: Ralamandal wildlife sanctuary 6.48 KM (South)

(ii) Status of clearance from National Board for wild life: NA

11. Waste Management

(i) Water requirement, source, status of clearance: Total water demand of the project is 282 KLD out of which the fresh water demand will be 151 KLD and sourced by Nagar Palika Nigam, Indore. Treated water will be met through on site STP.

(ii) Waste water quantity, treatment capacity, detail: Total waste water generated from the project is 164 KLD, which will be treated on site STP having capacity of 200 KLD.

(iii) Recycling / reuse of treated water and disposal: 131 KLD recycled waste water will be used for flushing, DG cooling and green belt development.

(iv) Solid Waste Management: 1.23 TPD solid waste will be generated from the proposed project and will be disposed through Nagar Palika Nigam, Indore.

(v) Hazardous Waste Management: Nominal amount of hazardous waste will be generated from the DG operation and will be disposed through authorized vendor.

12. Other details

(i) Noise modeling with noise control measures for airports: NA

(ii) Details of water bodies, impact on drainage if any: NA

(iii) Details of tree cutting: Not Involved

(iv) Energy conservation measures with estimated saving: Solar energy will be used for Street and parks lighting.

(v) Green belt development (20 % of construction projects and 33 % for others):
Proposed Green Area will be 24648 sqm.

(vi) Parking requirement with provision made: Total proposed parking is 878 ECS

13. If the project involves foreshore facilities

(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

14. If the project involves Marine disposal

- (i) NOC from PCB in case of marine disposal: NA
- (ii) Details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters: NA
- (iii) Location of intake / outfall. Quantity: NA
- (iv) Detail of monitoring at outfall: NA
- (v) Any other relevant information: NA

15. Other information

- (i) Investment/Cost of the project is Rs. 65(in crore).
- (ii) Employment potential: About 100 labours will be employed during the construction of the project.

(iii) Benefits of the project:

Employment will be generated during construction phase.

16. Date of Ground water clearance: NA

17. Cost of proposed EMP and CSR (with detailed components & proposed activities) with capital cost and recurring cost:

EMP costs of the project during operation phase are following.

Component	Capital cost (rs in lacs)	Recurring cost (rs in lacs)/annum
Sewage treatment plant (200 kld)	25	7.2

Rain water harvesting system (6 no)	24	3
Solid waste composter (organic waste converter 0.7 tpd)	10	4.3
Horticulture development	12	5.4
Roof top spv plant (15 kwp)	12	0.75
Environment monitoring		1.5
Total	83	22.15

18. Numbers of plantation with name of species proposed & area allocated for plantation with budgetary provisions:

S.NO.	PLANT BOTANICAL NAME	COMMON NAME	HEIGHT (MM)	QUANTITY
1	DELONIX REGIA	GULMOHUR	4.60	30
2	CASSIA FISTULA	AMALTAS	2.40	10
3	JACARANDA MIMOSIFOLIA	BLUE JACARANDA	3.00	17
4	ERYTHRINA INDICA	INDIAN CORAL TREE	3.00	10
5	PLUMERIA ALBA	CHAMPA	2.40	31
6	CASSIA GRANDIS	BRAZILIAN CASSIA	2.40	32
7	BAUHINIA BLAKEANA	HONGKONG ORCHID TREE	2.40	12
8	TABEBUIA AVELLANEDAE	PINK TABEBUIA	3.00	8
9	SPATHODEA CAMPANULATA	AFRICAN TULIP TREE	4.60	32
10	SARACA THAIPINGENSIS	YELLOW ASHOKA	2.40	57
11	PHOENIX DACTYLIFERA	DATE PALMS	4.60	16
12	FICUS BENJAMINA	WEeping FIG	3.60	4
13	MIMUSOPS ELENGI	MAULSARI/ BAKUL	2.40	7
14	AZADIRACHTA INDICA	NEEM TREE	3.00	15
Total				120

S.no.	Plant botanical name	Common name	Height (mm)	Quantity
1	Tecoma gaudi chaudi (t.g.c.)	Gaudi chaudi	0.90	185
2	Bougainvillea		0.90	761

3	Enermi	Glory bower	0.90	235
4	Pandanus	Screw pine	0.60	55
5	Thevetia peruviana	Pilli kaner	0.90	39
6	Cestrum nocturnum	Raat ki rani	0.60	37
7	Jasminum sambac	Mogra	0.45	65
8	Pennisetum setaceum	Fountain grass	0.45	28
9	Hymenocallis littoralis	Spider lilies	0.45	50
10	Washingtonia filifera	Desert fan palm	1.80	9
11	Tmc (tabernaemontana c.)			147
12	Nerium indicum	Pink kaner	0.90	108
13	Ixora singaporensis	Ixora	0.45	13
14	Galphimia	Slender goldshower	0.45	80
15	Hamelia	Firebush	0.60	120
16	Bignonia venusta	Flamevine	0.45	12
17	Rhapis palm	Lady palm	0.75	14
18	Cycus palm	Sago palm	1.20	7
19	Grass ground cover			62
20	Wedelias ground cover	Creeping-oxeyes		52
Total				2079

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

Saraswatiriver 0.27 KM (East) of the proposed project.

Project salient features

SN	Description	Particulars	Unit
GENERAL			
1	Total Plot Area	227790	SQM
2	Net Plot Area	224667	SQM
3	Pocket Area	25420	SQM
4	Proposed Built Up Area	43474.34	SQM
5	Number of Building Blocks	6	NOS
6	Total no of DU's	492	NOS
7	Max Height of Building	42	M
8	Max No of Floors	(S+12), (G+2)	NOS

9	Cost of Project	65	CR
10	Expected Population	2454	PERSONS
11	Proposed Ground Coverage Area (1.86%)	4184.98	SQM
12	Permissible FAR Area	449334.00	SQM
13	Proposed FAR Area (@ 0.13)	28923.84	SQM
14	Non FAR, & Other areas	14550.50	SQM
15	Proposed Built Up Area	43474.34	SQM
WATER			
16	Total Water Requirement	282	KLD
17	Fresh water requirement	151	KLD
18	Waste water Generation	164	KLD
19	Proposed STP Capacity	200	KLD
20	Treated Water Available for Reuse	131	KLD
21	Recycled Water	131	KLD
SN	Description	Particulars	Unit
RAIN WATER HARVESTING			
22	No of RWH of Pits Proposed	6	NOS
PARKING			
23	Total Parking Required as / Building Bye Laws	865	Cars
24	Total Proposed Parking	878	Cars
25	Proposed Surface	816	Cars
26	Proposed Stilt Parking	62	Cars
GREEN AREAS			
27	Required Green Area	22466.7	SQM
28	Proposed Green Area (10.97)	24648	SQM
WASTE GENERATION			
29	Municipal Solid Waste Generation	1.23	TPD

30	Quantity of E-Waste Generation- Kg/Day	8.0	KG/DAY
31	Quantity of Hazardous waste Generation	0.9	LTS/DAY
32	Quantity of Sludge Generated from STP	170	KG/DAY
POWER			
33	Total Power Requirement	1476	KVA
34	DG set backup	320	KVA

This case was presented by the PP and their consultant in 338th SEAC meeting dated 02/01/2019, wherein it was observed from the given co-ordinates that the distance of this project site from the Ralamandal Wildlife Sanctuary is <10 km for which committee asked PP to apply for the NBWL Clearance and submit the copy of this application for further consideration of this project as per OM No. J-11013/41/2006-IA.II (I) Dated 02/12/2009.

PP vide letter no. 15 dated 05/01/2019 has submitted the copy of online application submitted for WL Clearance. PP has applied online for wild life clearance with proposal no. FP/MP/Others/3773/2019 and date of submission is 04/01/2019 and thus the case was placed in agenda for appraisal.

This case was scheduled for the presentation and discussion in 339th SEAC meeting dated 29/01/2019 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 of SEAC for appraisal.

The case was presented by the PP and their consultant, after presentation and discussion PP was asked to submit response on following:

1. Questionnaire for environmental appraisal along with the list of documents to be attached with the questionnaire.
2. Ornoqram of the Environment Policy of the Company.
3. Since EC is for (12 + 480) high rise quarters hence necessary NOC for height clearance from Airport Authority of India is to be submitted by the PP.
4. Line diagram with its dimensions and cross section of storm water layout and domestic drain is to be submitted.
5. Revised CSR as suggested during presentation.

PP vide letter dated 19/02/2019 submitted reply of the above query.

PP vide letter dated 19/02/2019 submitted reply of the above query. The case was presented by the PP and their consultant wherein the details of area with Form-1 A and in query reply are not matched. PP was asked to provide justified details wrt form1A and presentation.

6. Case No. - 5831/2019 Shri Bhojraj Barde S/o Shri Hemraj Barde, Vill. Garvha, Tehsil - Multai, Dist. Betul, MP – 460001. Prior Environment Clearance for Stone Quarry in an area of 1.00 Ha. (5,880 cum per annum) (Khasra No. 709/2) at Village- Garvha, Tehsil - Multai, Dist. Betul (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 709/2) at Village- Garvha, Tehsil - Multai, Dist. Betul (MP) 1.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter No. 139 dated: 14/01/19 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant. During presentation committee observed in the google image (April 2018) that slope of mines towards NE to SW and very small part is from SW to NE hence, settling tank shall be provided on the both sides of the lease to protect mine discharge. PP further submitted that the village pakka road in the western side and almost 175 meters away and kachha road in the eastern end which is about 375 mtrs away. It was also observed that a natural drain is in existence about 150 meters away from the lease thus garland drains and settling tanks of suitable sizes shall be provided.

After presentation the committee was asked to PP to submit following information:

1. Revised EMP with appropriate budget for fixed pipe sprinklers, PPE's, first aid and fire fighting.
2. Location of site on topo sheet.
3. Revised size of settling tank and proposal for additional settling tank on the eastern side on environmental plan.
4. Showing G.W. table depth in RL.
5. Suitable size bench size and with cross section plan.
6. Revise land use at zero year, 05 year, 10 year and at the end of mining life.
7. Revised plantation with increase in numbers as suggested by committee.
8. Revise water balance using accumulated water of mine pit.

9. Emergency response plan.

Vide letter dtd. 19.02.2019, the PP has submitted the desired information, which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5880 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation (double row at road side) shall be carryout in the periphery of the lease.
4. Bench configuration shall be 3x4.5 meters considering the safety and movement of man & machines.
5. Transportation of material shall be done in covered vehicles.
6. Transportation of minerals shall not be carried out through forest area.
7. Six monthly occupational health survey shall be carryout.
8. PP should explore possibility of using solar lights in office /rest areas.
9. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
10. No overcharging during blasting to avoid vibration.
11. Muffle blasting shall be adopted.
12. Mine water should not come out from the lease without proper settling.
13. No explosive will be stored at mine site.
14. No dump shall be stacked outside the lease area.
15. Top soil shall be simultaneously used for the plantation.
16. 190 trees shall be planted by the PP in five years, at mine's safety barrier, approach road and at village road.
17. A budgetary provision for Environmental management Plan of Rs. 6.17 Lakh, as capital and Rs. 2.03 per year as recurring cost.
18. Under CSR Rs. 0.15 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

7. Case No. - 5834/2019 Shri Aditya Bundela S/o Shri Vikram Singh Bundela, Vill. - Parapatti, Tehsil & Dist. - Chhatarpur, MP – 471001 Prior Environment Clearance for Stone Quarry in an area of 3.00 Ha. (40,000 cum per annum) (Khasra No. 57/1) at Village- Bandhi Kalan, Tehsil - Chhatarpur, Dist. Chhatarpur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 57/1) at Village- Bandhi Kalan, Tehsil - Chhatarpur, Dist. Chhatarpur (MP) 3.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter dated: 22/09/18 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant. PP stated that it is Bandhikala Granite stone mine that shall be used for making Gitty. During presentation committee observed in the google image (November 2018) that the mine lease was on the hillock and slope of mines was radial type and few trees were also seen within the mining lease area in the north- west direction of the lease also one house/ shed like structure was also noticed in the same image which was >300 meter away.

Hence, after presentation and deliberation the committee was asked PP to submit following information:

1. Revised EMP with appropriate budget for fixed pipe sprinklers, PPE's, first aid and fire fighting.
2. Location of site on topo sheet.
3. Revised size of settling tank on environmental plan.
4. Suitable size bench size and with cross section plan.
5. Revise land use at zero year, 05 year, 10 year and at the end of mining life.
6. Inventory of the trees within the lease area with their numbers.
7. Revise water balance using accumulated water of mine pit.
8. Emergency response plan.
9. Revised CSR as suggested by committee.

Vide letter dtd. 19.02.2019, the PP has submitted the desired information, which was placed before the committee. After deliberations committee decided that as the EMS and other

submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 40,000 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation (double row at road side) shall be carryout in the periphery of the lease towards house/ shade side.
4. Bench configuration shall be 4x8 meters considering the safety and movement of man & machines.
5. Transportation of material shall be done in covered vehicles.
6. Transportation of minerals shall not be carried out through forest area.
7. Six monthly occupational health surveys shall be carryout.
8. PP should explore possibility of using solar lights in office /rest areas.
9. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
10. No overcharging during blasting to avoid vibration.
11. Muffle blasting shall be adopted.
12. Mine water should not come out from the lease without proper settling.
13. No explosive will be stored at mine site.
14. No dump shall be stacked outside the lease area.
15. Top soil shall be simultaneously used for the plantation.
16. 450 trees shall be planted by the PP in five years, at mine's safety barrier, approach road and at village road.
17. A budgetary provision for Environmental management Plan of Rs. 9.90 Lakh, as capital and Rs. 3.20 per year as recurring cost.
18. Under CSR Rs. 1.00 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

8. Case No. - 5840/2019 Ku. Swati Goud D/o Shri Poonam Singh Goud, Vill. - Vipatpura, Rousra, Tehsil - & Dist. Narsinghpur, MP – 487001. Prior Environment Clearance for Stone Quarry in an area of 1.00 Ha. (6,000 cum per annum) (Khasra No. 47/1) at Village-Bhoorikhoh, Tehsil - Narsinghpur, Dist. Narsinghpur (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 47/1) at Village- Bhoorikhoh, Tehsil - Narsinghpur, Dist. Narsinghpur (MP) 1.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the leases within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter No. 648 dated: 28/04/2018 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant. PP stated that it is Bhoorikhoh Stone mine that shall be used for making Gitty. During presentation committee observed that in the Google image (November 2018) a natural drain approx. 40 meters in the north side and village pakka tar road at approx 60 meters on the southern side.

Hence, after presentation and deliberation the committee asked PP to submit following information:

1. Mining lease on top sheet.
2. Revised EMP with appropriate budget for over head sprinklers, PPE's, first aid and fire fighting.
3. Revised size of settling tank and proposal for additional settling tank on the eastern side on environmental plan.
4. Showing G.W. table depth in RL.
5. Suitable size bench size and with cross section plan.
6. Revise land use at zero year, 05 year, 10 year and at the end of mining life.
7. Revised plantation with increase in numbers to 950 as suggested by committee.
8. Revise water balance using accumulated water of mine pit.
9. Emergency response plan.
10. Revised CSR as suggested by committee.

Vide letter dtd. 19.02.2019, the PP has submitted the desired information, which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 6,000 cum/annum.

2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation (double row at road side) shall be carryout in the periphery of the lease towards house/ shade side.
4. Bench configuration shall be 3x4.5 meters considering the safety and movement of man & machines.
5. Transportation of material shall be done in covered vehicles.
6. Transportation of minerals shall not be carried out through forest area.
7. Six monthly occupational health surveys shall be carryout.
8. PP should explore possibility of using solar lights in office /rest areas.
9. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
10. No overcharging during blasting to avoid vibration.
11. Muffle blasting shall be adopted.
12. Mine water should not come out from the lease without proper settling.
13. No explosive will be stored at mine site.
14. No dump shall be stacked outside the lease area.
15. Top soil shall be simultaneously used for the plantation.
16. 950 trees shall be planted by the PP in five years, at mine's safety barrier, approach road and at village road.
17. A budgetary provision for Environmental management Plan of Rs. 4.57 Lakh, as capital and Rs. 1.93 per year as recurring cost.
18. Under CSR Rs. 0.15 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

9. Case No. - 5841/2019 Shri Pradeep Dubey S/o Shri Ramkishan Dubey, Rajbans, Tehsil - Malthone, Dist. Sagar, MP – 470441 Prior Environment Clearance for Stone Quarry in an area of 2.00 Ha. (5,997 cum per annum) (Khasra No. 604/3) at Village- Uhar, Tehsil - Basoda, Dist. Vidisha (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 604/3) at Village- Uhar, Tehsil - Basoda, Dist. Vidisha (MP) 2.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the leases within 500 meters radius around the site and other requisite information in the prescribed

format duly verified in the Collector Office vide letter No. Q101 dated: 21/01/2019 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant. PP stated that it is Uhar Stone Quarry that shall be used for making Gitty. PP stated that Mining activity / excavation shall be done up to a depth of 12 meters and mining operation will be done according to the proposed manner of manual and mechanized means. During presentation committee observed that in the google image (November 2018) a excavated pit just in the vicinity of the lease in the north side and pakka tar road was just 155 meters of the of the mine lease.

Hence, after presentation and deliberation the committee asked PP to submit following information:

1. Mining lease on top sheet.
2. Revised EMP with appropriate budget for over head sprinklers, PPE's, first aid and fire fighting.
3. Revised size of settling tank on environmental plan.
4. Showing G.W. table depth in RL.
5. Suitable size bench size and with cross section plan.
6. Revise land use at zero year, 05 year, 10 year and at the end of mining life.
7. Revised plantation with increase in numbers to 1800 as suggested by committee.
8. Revise water balance using accumulated water of mine pit.
9. Emergency response plan.
10. Revised CSR as suggested by committee.
11. NOC from Gram Sabah.

Vide letter dtd. 19.02.2019, the PP has submitted the desired information, which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 5,779 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation (double row at road side) shall be carryout in the periphery of the lease towards house/ shade side.

4. Bench configuration shall be 3x4.5 meters considering the safety and movement of man & machines.
5. Transportation of material shall be done in covered vehicles.
6. Transportation of minerals shall not be carried out through forest area.
7. Six monthly occupational health surveys shall be carryout.
8. PP should explore possibility of using solar lights in office /rest areas.
9. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
10. No overcharging during blasting to avoid vibration.
11. Muffle blasting shall be adopted.
12. Mine water should not come out from the lease without proper settling.
13. No explosive will be stored at mine site.
14. No dump shall be stacked outside the lease area.
15. Top soil shall be simultaneously used for the plantation.
16. 1800 trees shall be planted by the PP in five years, at mine's safety barrier, approach road and at village road.
17. A budgetary provision for Environmental management Plan of Rs. 5.58 Lakh, as capital and Rs. 2.22 per year as recurring cost.
18. Under CSR Rs. 0.20 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

10. Case No. - 5848/2019 Shri Amit Neema S/o Shri Natwarlal Neema, Raj Mohalla, Dist. Indore, MP – 452002 Prior Environment Clearance for Flagstone Quarry in an area of 2.00 Ha. (5,000 cum per annum) (Khasra No. 46/3 (Parts), Village- Batediya, Tehsil - Jeerapur, Dist. Rajgarh (MP)).

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 46/3 (Parts)), Village- Batediya, Tehsil - Jeerapur, Dist. Rajgarh (MP) 2.00ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter No. 127 dated: 23/01/2019 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.530 ha., including this mine.

In this meeting the case was presented by the PP and their consultant. PP stated that it is Batediya Flagstone Quarry that shall be used for making farshy or floor and all mining operations will be done by Manually & Semi-Mechanized Method for removing over burden with the help of JCB, dumpers etc. Shorting, sizing & dressing will be done by labours by hand tools like hammers, Chisels, Spade, Bucket etc. and drilling and blasting may not be required. During presentation committee observed that in the google image (May 2017) a pakka tar road was just 173 meters in the east and a settlement about 182 meters in the south –east direction of the lease. A village is also in existence at a distance of 170 meters for which PP submitted that no drilling and blasting is proposed and three row plantations is proposed towards road and village side. PP further submitted that transportation of mineral is not carried out through village.

Hence, after presentation and deliberation the committee was asked PP to submit following information:

1. Mining lease on top sheet.
2. Revised EMP with appropriate budget for over head sprinklers, PPE's, first aid and fire fighting.
3. Revised size of settling tank on environmental plan.
4. Showing G.W. table depth in RL.
5. Suitable size bench size and with cross section plan.
6. Revise land use at zero year, 05 year, 10 year and at the end of mining life.
7. Revised plantation with increase in numbers to 1800 as suggested by committee.
8. Revise water balance using accumulated water of mine pit.
9. Emergency response plan.
10. Revised CSR as suggested by committee.

Vide letter dtd. 19.02.2019, the PP has submitted the desired information, which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for flag Stone 5,000 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.

3. Thick plantation (double row at road side) shall be carryout in the periphery of the lease towards house/ shade side.
4. Bench configuration shall be 3x6 meters considering the safety and movement of man & machines.
5. Transportation of material shall be done in covered vehicles.
6. Transportation of minerals shall not be carried out through forest area.
7. Six monthly occupational health surveys shall be carryout.
8. PP should explore possibility of using solar lights in office /rest areas.
9. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
10. No overcharging during blasting to avoid vibration.
11. Muffle blasting shall be adopted.
12. Mine water should not come out from the lease without proper settling.
13. No explosive will be stored at mine site.
14. No dump shall be stacked outside the lease area.
15. Top soil shall be simultaneously used for the plantation.
16. 1800 trees shall be planted by the PP in five years, at mine's safety barrier, approach road and at village road.
17. A budgetary provision for Environmental management Plan of Rs. 6.08 Lakh, as capital and Rs. 2.32 per year as recurring cost.
18. Under CSR Rs. 0.25 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

11. Case No. - 5833/2019 Sarpanch, Gram Panchayat, Village - Babri, Tehsil - Seoni Malwa, Dist. Hoshangabad, MP – 461221 Prior Environment Clearance for Sand Mine in an area of 4.00 Ha. (48,600 cum per annum) (Khasra No. 137/1) at Village- Babri, Tehsil - Seoni Malwa, Dist. Hoshangabad.

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 137/1) at Village- Babri, Tehsil - Seoni Malwa, Dist. Hoshangabad 4.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-patr) vide letter No. 35 dated: 03/04/2018

has reported that there are no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant. PP stated that it is Babri Sand quarry at River Narmada and Gram Panchayat Babri possess this lease and all mining operations will be done manually open-cast method through local labours transportation will be through trucks/ tippers/tractors and ramp will be made for the smooth shipment of sand from the site. During presentation committee observed that in the google image (October 2018) a coordinate was falling in the river mid flow and a Village is about 432 meters in the east side.

Hence, after presentation and deliberation the committee asked PP to submit following information:

1. Revised production operational plan leaving 20 meter area from the co-ordinate which is falling in the mid stream as in stream mining is not permitted.
2. Revised estimation of the sand volume as per depth given in mine plan and area available after leaving area submerged in water.
3. Revised plantation proposal for 350 plants.
4. Revised EMP & CSR activity with appropriate budget.

12. Case No. - 5832/2019 Mrs. Snehprabha Agarwal, W/o Shree Ramkumar Agarwal, 631, Usha Nagar Extension, Indore, MP – 452009. Prior Environment Clearance for Stone Quarry in an area of 2.80 Ha. (78,942 cum per annum) (Khasra No. 19) at Village- Chhalpa Khurd, Tehsil - Punasa, Dist. Khandwa (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (78,942 cum per annum) (Khasra No. 19) at Village- Chhalpa Khurd, Tehsil - Punasa, Dist. Khandwa (MP) 2.80 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter No. 15629 dated: 29/09/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. PP stated that it is Chhalpa Khurd Basalt Stone and the production will be taken from mine by systematic & scientific development & deployment & utilization of JCBs, dumpers and short hole drilling & blasting. Mine waste will be stocked in dumping place. During presentation committee observed that as per the google

image (October 2018) pakka tar road is 170 meters, kachha road 60 meters and a natural drain is approx 35 meters away on the southern side of the lease.

Hence, after presentation and deliberation the committee was asked PP to submit following information:

1. Equipment deployment chart with the sizes of machines, and manpower deployed.
2. Proposal for overhead Water sprinklers system.
3. Revised plantation species including karanj, sissu, neem, chirol etc for 350 plants / year.
4. Revised EMP, include rest shelters, toilets & occupational health for workers.
5. Revised CSR with suggested activity at the affected nearby village.

Vide letter dtd. 19.02.2019, the PP has submitted the desired information, which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for flag Stone 78,942 cum/annum.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Thick plantation (double row at road side) shall be carryout in the periphery of the lease towards house/ shade side.
4. Transportation of material shall be done in covered vehicles.
5. Transportation of minerals shall not be carried out through forest area.
6. Six monthly occupational health surveys shall be carryout.
7. PP should explore possibility of using solar lights in office /rest areas.
8. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
9. No overcharging during blasting to avoid vibration.
10. Muffle blasting shall be adopted.
11. Mine water should not come out from the lease without proper settling.
12. No explosive will be stored at mine site.
13. No dump shall be stacked outside the lease area.
14. Top soil shall be simultaneously used for the plantation.

15. 1750 trees shall be planted by the PP in five years, at mine's safety barrier, approach road and at village road.
16. A budgetary provision for Environmental management Plan of Rs. 5.25 Lakhs is proposed by PP.
17. Under CSR Rs. 0.80 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

13. Case No. - 5723/2018 Sarpanch, Gram Panchayat Silgi, Tehsil - Mandla, Dist. Mandla, MP. Prior Environment Clearance for Sand mine in an area of 6.0 Ha. (1,05,948 cum per annum) (Khasra no. 1) at Village- Silgi, Tehsil - Mandla, Dist. Mandla (MP).

This is case of Sand mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 1) at Village- Silgi, Tehsil - Mandla, Dist. Mandla (MP), 6.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 555 dated 02/5/2018 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 11.100 ha including this mine.

Earlier this case was presented by the PP and their consultant in 323rd SEAC meeting dated 18/08/2018. During presentation it was observed by the committee that replenishment details of sand are not provided in the mine plan. Thus PP was asked to provide replenishment details duly approved by the competent authority for further consideration of the project.

The case was presented by the PP and their consultant in 336th SEAC meeting dated 04/12/2018, wherein PP submitted that semi mechanized open-cast method through local labours, loader/Elevator is proposed and this is also mentioned in the mining plan. Hence, after presentation PP was asked to submit following details:

1. As per presentation, the proposed method of mining is semi-mechanized using machine such as JCBs (pockland) and hywa/trucks. However, unladen weight and laden weight of both the machine (empty/ full with sand) not given, this information is essential to assess the amount of load that will be put on river bed and also to assess

the level of “Bed compaction” for which report on bed compaction should be submitted.

2. Extent of mechanization with capacity and number of machinery engaged in the sand mining.
3. The replenishment plan submitted by PP is not approved by the competent authority and only an “Approval” seal is placed on the plan without any signature. Thus PP was asked to submit copy of approval letter issued by the competent authority.

In this meeting, 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.

14. Case No. - 5755/2018 Sarpanch/Sachiv Village Khamdand, Tehsil Beohari, District Shahdol (MP) Prior Environment Clearance for Sand Mine in an area of 12.177 ha. for production capacity 2,41,105 TPA (Khasra No. 187/771, 180(part), 197, 203, at village - Khamdand, Tehsil - Beohari & Dist. Shahdol, MP.

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 187/771, 180(part), 197, 203, at village - Khamdand, Tehsil Beohari & Dist. Shahdol, (MP) 12.177 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collectors' Office (Ekal Praman-Patr) vide letter no. 2016 dated: 21.09.2017 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

Earlier PP and their consultant presented this case in 330th SEAC meeting dated 24/10/2018 and during appraisal of the project it was observed by the committee that few coordinates are falling on the field on the northern side and few are crossing river bed also seen on Google image of April 2018. Thus after presentation, PP was asked to provide following informations:

1. District Survey Report submitted by PP is not as per MoEF O.M. S.O. 3611 Dtd. 25th July 02018 as relevant details regarding sand mining are missing. The lease is proposed on Samdhin River and details of Samdhin River are not provided in the DSR report.
2. As per the co-ordinates provided by PP, some co-ordinates are falling on agricultural field, thus PP was asked to submit revised co-ordinates duly authenticated by the competent authority.

PP vide letter no 46 has submitted the approved District Survey Report and the revised co-ordinates of the lease boundary which was placed before the committee.

Based on the above submission this case was scheduled for the presentation and discussion in 340th SEAC meeting dated 30/01/2019, wherein 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 and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant:

The salient features of the projects:

Name of mine	Khaamadad Sand Deposit (12.177ha)
Project Proponent	Gram Panchayat, Khaamadad
New mine/ existing mine (Old lease period in case of existing mine)	New sand quarry
Name of the mineral	Sand from River Bed
Location of Project & Khasra No.	197, 203, 187, 771, 180 part, Village- Khaamadad, Tehsil- Beohari and Dist. Shahdol (MP)
Lease area and Production	12.177 ha and 2,41,105Cum / year
Occupancy	Govt. land
No. of mine located with 1000m radius	None within 1000m radius
Altitude of Site (AMSL)	347-341m

Surrounding Features	<p>North – River bank followed by agricultural land</p> <p>South – Nalla followed by agricultural land</p> <p>East - Agricultural land followed by village</p> <p>West - River bank followed by Village</p>
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Particulars	Details
Type of Mine	Opencast
Mining Lease Area	12.177 ha
Mineable Area	12.177 ha
Existing Pits	Nil
Existing dump	Nil
Infrastructure and road	Nil
Mineral Storage	Nil
Plantation	Nil
Recoverable Reserve	241105 cubic meter
Method of mining	Manual
Ultimate Depth of Mining	2.2m below surface level or 1m above water level
Proposed capacity	241105 cum per year (240 days per year)
Proposed mode to transportation of mineral	Road
Area to be covered under plantation along the river bank	1.25Ha (5000m running X 2.5m width)
Elevation	347-341mRL

Production per day in cum	1005
No of dumpers required per day (12cum)	84no

Particular	Existing	At the end of conceptual period
Total lease area	12.177ha	
Area under pits	Nil	Nil
Area under Dumps	Nil	Nil
Area to be reclaimed	Nil	12.177ha through replenishment
Infrastructure & Road	Nil	Nil
Mineral storage	Nil	Nil
Plantation	Nil	Nil
Water reservoir	Nil	Nil

ENVIRONMENTAL SETTING OF THE PROJECT

Particulars	Details
Locations	
Village	Khaamadad
Tehsil	Beohari
District	Shahdol
State	MP
General ground level	344m
Nearest National/state Highway	Beohari – Govindgarh SH-9 - 0.75km – E
Nearest Railway Station	Beohari - 8.50 km – SSE

Nearest Airport	Rewa Air Strip - 52 km
Ecological Sensitive Areas (Wild Life Sanctuaries) within 10km radius.	None
Reserved / Protected Forest within 10km radius	Ramnagar RF - 9.80km - NW
Nearest major city with 100000 population within 10km radius	None
Nearest Town / City within 10km radius	Beohari - 6.00km - SSE
Nearest Village	Tawa - 0.20 km - W
Nearest River	Samdhin River Son River - 9.75km - WNW
Nearest Nalla/water reservoir	Bansagar Dam - 9.75km - WNW
Other mines within 1km radius	None within 1.00km radius
Industry within 10km radius	None

The case was presented by the PP and their consultant and during presentation it was observed that concerned Collector Office (Mining Cell) vide letter no. 157 dated: 19.01.2019 has reported that the lease area of this mines is 12.177 ha., and there are no more mines operating or proposed within 1000 meters around the said mine .In the light of recent MoEF&CC O.M. F.No. L-11011/175/2018-18-II (M), dated 12th December 2018, relevant point of this mentioned O.M. is quoted below:

“If a cluster or an individual lease size exceeds 5 ha., the EIA/EMP be made applicable in the process of grant of prior EC.”

Hence, the individual area of this mine is >5 ha. So it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TOR's and as per Annexure D:-

1. Detailed evacuation plan along with road condition is to be discussed in the EIA report with requirement of manpower.
2. Photographs and maps depicting all the mines present in the cluster.
3. On a topographic map, show all the sensitive features along with distance from this sand mine with all co-ordinates.
4. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
5. Photographs of individual mine during EIA process with date.
6. Justify the production from this mine and also justify the duration when mining is possible.
7. Detailed production plan with section should be provided in the EIA report considering the safe area to be left for the prevention of bank erosion.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture/ wildlife/migratory fauna.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

(Dr. Mohd. Akram Khan)
Member

(Dr. Rubina Chaudhary)
Member

(Shri Prashant Srivastava)
Member

(Dr. R. Maheshwari)
Member

(Dr. Sonal Mehta)
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/Murram 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 tarpauline 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. Heavy vehicles shall not be allowed for removal of sand.
7. The sand shall be transported by small trolleys up to the main transport vehicle.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
9. No Mining shall be carried out during Monsoon season.
10. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
11. NOC of gram panchayat should be obtained for the water requirement.
12. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
13. The mining shall be carried out strictly as per the approved mining plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. 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.
3. An inventory of flora & fauna based on actual ground survey shall be presented.
4. Risk factors with their management plan should be discussed in the EIA report.
5. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
6. The EIA document shall be printed on both sides, as far as possible.
7. All documents should be properly indexed, page numbered.
8. Period/date of data collection should be clearly indicated.
9. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.

10. 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.
11. 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.
12. Grant of TOR does not mean grant of EC.
13. 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.
14. 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.
15. 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.
16. All the necessary NOC's duly verified by the competent authority should be annexed.
17. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
18. 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.
19. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
20. 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.
21. 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.
22. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
23. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006.

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

24. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
25. Detailed analysis of availability and quality of the drinking water resources available in the block.
26. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
27. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.