

The 361st meeting of the State Expert Appraisal Committee (SEAC) was held on 12th April, 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. A. K. Sharma, Member.
3. Shri Prashant Srivastava, Member.

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

- 1. Case No. - 5751/2018 M/s Macker Real Ventures, 501, 5th Floor, Ashima Corporate Zone, Ashima Mall, Hoshangabad Road, Bhopal, (M.P.) – 462026. Prior Environment Clearance for Construction of Group Housing Project "Silver Estate Vertica" (Plot Area = 16700 sqm. Built up Area = 28451.33 sqm) Khasra No. – 60, 61, 62, 63, 64/1, 66/1, at Village - Katara, Tehsil - Huzur & Dist. Bhopal, (M.P.) Category: 8(a) Building & Construction Project. Environment Consultant-In Situ Enviro Care.**

This is case of Prior Environment Clearance for Proposed Construction of Construction of Group Housing Project "Silver Estate Vertica" (Plot Area = 16700 sqm., Built up Area = 28451.33 sqm) Khasra No. – 60, 61, 62, 63, 64/1, 66/1, at Village - Katara, Tehsil - Huzur & Dist. Bhopal, (M.P.) Cat. 8(a) Building and Construction Projects. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 331st SEAC meeting dated 25/10/2018, wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation.

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

PP during presentation stated that they have already carried-out the monitoring and requested to use that monitoring data, committee allow to use that data along with one month validation data. Hence committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA as follows:-

1. Project description, its importance and the benefits.
2. Project site detail (location, toposheet of the study area of 10 Km, coordinates, Google map, layout map, land use, geological features and geo-hydrological status of the study area, drainage.
3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PM2.5, SO₂, NO_x & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

PP has submitted the EIA report vide letter dated 15/03/2019 which was forwarded through SEIAA vide letter no. 2856 dated 30/03/2019 which was placed before the committee.

EIA with its remediation plan and the natural and community resource augmentation plan was presented by the PP and their consultant, wherein following details were submitted by the PP:

Salient features of this project:

Project Chronology		
1	Earlier Status	Earlier applied for EC Application dated 04.02.2015, Letter received in SEIAA office on 19.03.15 & sent to SEAC on 25.03.15. PP has submitted resolution passed by the Board of Directors & sent to SEAC on 25.03.15. PP has submitted resolution passed by the Board of Directors & sent to SEAC on 25.03.15. Query raised in 216th SEIAA meeting dated 07.07.15. Case kept on abeyance until clarification received from MoEF, GOI as per policy decision (219th SEIAA meeting) decided in 220th SEIAA meeting. SEAC should submit the inspection report of construction at site, decided in 280th SEIAA meeting dated 11.01.16. Case Recommended 198 Meeting dt.04/06/15. Case discussed in 277th SEAC dated: 31/5/16. File sent SEIAA for necessary action. Case is in abeyance in 345 SEIAA meeting dated 25-06-16. It was decided in the 352 SEIAA meeting dated 08-07-16 that till date the final notification has been issued by MoEF & CC and therefore case will continue to be kept in abeyance. Case closed in 417 SEIAA meeting dated 20-03-17. Case closed vide letter no. 48-49/SEIAA/17 dated 03-04-17.
2	Present Case Status	Again EC Application submitted on 17-09-18, Sent to SEAC. TOR recommended in 331 SEAC meeting dated 25-10-18. TOR approved in 509 SEIAA meeting dated 16-11-2018. Letter no. 1786/SEIAA/18 dated 07-12-18 to PP - request to submit the EIA report as per SEAC recommendation. Letter no. 2856-57/SEIAA/19 dated 30-03-19 along with EIA report submitted by PP to SEAC.
Project Summary		
S. No.	Item	Details
1.	Name of the	Silver Estate Vertica of M/s Macker Real Ventures

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	The land use of the proposed project is as under:- Total plot area- 16700.00 sq.mt Total Built up area – 28451.33 Sq. Mt. Use - Shopping mall with multiplex, office buildings, 200 room hotel and residential apartments. Structure - 2 basements + 8 floors																																				
4.	New /	Existing																																				
5.	Existing Capacity/Area etc.	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Block Name</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A3</td> <td>Construction Not Started</td> </tr> <tr> <td>2</td> <td>A2</td> <td>Complete</td> </tr> <tr> <td>3</td> <td>A1</td> <td>Complete</td> </tr> <tr> <td>4</td> <td>A4</td> <td>Complete</td> </tr> <tr> <td>5</td> <td>A5</td> <td>Complete</td> </tr> <tr> <td>6</td> <td>B1</td> <td>Complete</td> </tr> <tr> <td>7</td> <td>EWS Block</td> <td>Complete</td> </tr> <tr> <td>8</td> <td>Club House</td> <td>Complete</td> </tr> <tr> <td>9</td> <td>Convenient Shops</td> <td>Functional</td> </tr> <tr> <td>10</td> <td>STP</td> <td>Functional</td> </tr> <tr> <td>11</td> <td>Dual Plumbing</td> <td>Provided in Each Block</td> </tr> </tbody> </table>	S. No.	Block Name	Status	1	A3	Construction Not Started	2	A2	Complete	3	A1	Complete	4	A4	Complete	5	A5	Complete	6	B1	Complete	7	EWS Block	Complete	8	Club House	Complete	9	Convenient Shops	Functional	10	STP	Functional	11	Dual Plumbing	Provided in Each Block
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6.	Category of	'B'																																				
7.	Does it attract the General	No																																				
8.	Does it attract the Specific condition? If Yes, please specify.	No																																				
9.	Location	Village- Katara, Tehsil – Huzur, District- Bhopal (M.P.) – India																																				
	Plot/Survey/Kh	survey No. 60,61,62,63,64/1,66																																				
	Village	Katara																																				
	Tehsil	Huzur																																				
	District	Bhopal																																				
	State	Madhya Pradesh																																				

10.	Nearest railway station/airport along with distance in	Misrod Railway Station is at a distance of about 3.75 KMS (NW). Bhopal Airport at a distance of about 20.20 KMS. (SW)			
11.	Nearest Town, City, District Headquarters along with distance in kms.		Nearest City	Name	Distance
			City	Bhopal	Within Municipal Area
			District Headquarters	Bhopal	10.5 Kms
12.	Village Panchayats, Zilla Parishad, Municipal	Bhopal Municipal Corporation			
13.	Name of the	M/s Macker Real Ventures			
14.	Registered Address	M/s Macker Real Ventures 501, 5 th floor corporate zone, ashima mall, Hoshangabad Road, Bhopal (M.P.) – 462026			
15.	Address for correspondence:	M/s Macker Real Ventures 501, 5 th floor corporate zone, ashima mall, Hoshangabad Road, Bhopal (M.P.) – 462026			
	Name	Mr. Neeraj Bhushan Macker			
	Designation	Owner			
	Address	M/s Macker Real Ventures 501, 5 th floor corporate zone, ashima mall, Hoshangabad Road, Bhopal (M.P.) – 462026			
	Pin Code	462026			
	E-mail	neerajmacker@mackerrealventures.com			
	Telephone No.	0755 -4053444			
	Fax No.	0755 -4053444			
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.	A litigation is pending against the project under Honorable court of additional chief judicial magistrate, district court Bhopal dated on 16.12.2014.			

	(c) Orders/directions of the Court, if any and its relevance with the proposed project.	
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.	

S. No.	Particulars	Area (in m ²)
1.	Total Plot Area	16700.00
2.	Area under Road widening	1064.53
3.	Net Plot Area	15635.47
4.	Permissible Ground coverage (30%) of Net Plot area	5010.00
5.	Proposed Ground coverage (25.20%)	3940.14
6.	Permissible FAR (@ 125%) of Net Plot area	$(16700 + 1064.53) \times 1.25 = 22205.663$
7.	Proposed FAR	22205.663
	Residential FAR including informal sector (EWS)	21961.933
	Club House FAR	157
	Convenient Shopping FAR	86.67
8.	Built Up Area	28451.33
9.	Landscape Area (@ 33%)	5511
10.	Open Area	2556.77
11.	Stilt	4676.39
12.	Maximum Height of Building	23.2 m

Building Wise-Floor Wise Floor Area Ratio

Floor	(Residential- A1)			(Residential- A2)			(Residential- A3)			(Residential-A4)			(Residential-A5)
	B. Area	No. of B/d	Total	B. Area	No. of B/d	Total	B. Area	No. of B/d	Total	B. Area	No. of B/d	Total	B. Area

Gr. (Stilt)	0	1	0	0	1	0	0	1	0	0	1	0	0	1
1 st	806.8	1	806.8	698.4	1	698.4	698.4	1	698.4	573.52	1	573.52	698.4	1
2 nd	806.8	1	806.8	698.4	1	698.4	698.4	1	698.4	573.52	1	573.52	698.4	1
3 rd	806.8	1	806.8	698.4	1	698.4	698.4	1	698.4	573.52	1	573.52	698.4	1
4 th	806.8	1	806.8	698.4	1	698.4	698.4	1	698.4	573.52	1	573.52	698.4	1
5 th	806.8	1	806.8	698.4	1	698.4	698.4	1	698.4	573.52	1	573.52	698.4	1
6 th				698.4		698.4	698.4		698.4	286.76	1	286.76	523.8	1
Total			4034			4190			4190			3154.36		4

Total Water Demand

S. No.	Description	Total Occupancy	Rate of Water Demand (lpcd)	Total Water Requirement (KLD)
A	Domestic Water			
	Total Residents including EWS	1455+120	135	212.625
	Visitors	255	15	3.66
	Staff	99	45	4.455
Total Domestic Water				220.74
B	Horticulture and Landscape Development	5511 (1.37 Acre)	25 KLD/Acre	34
C	DG Set Cooling	1 DGs of 125 kVA	0.9 x kVA x hr	0.675
Total Water Requirements (A+B+C)				255.415
Or Say				256

Waste Water Generation

S. No.	Description	Waste Generation in KLD
1	Domestic Water Requirement	220.74
2	Fresh (70% of Domestic)	155
3	Flushing (30% of Domestic)	66
Waste Water Generated (Fresh 80% + 100% Flushing)		190

Calculation for Rainwater to be Harvested from the Project

S. No.	Description	Area Considered in m ²	Rainfall Intensity (mm/hr)	Runoff Coefficient	Total volume of water for RWH (m ³ /year)
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Water Sources Development-Rainwater Harvesting (Pre-construction)

1	Green Areas (Total Plot Area)	16700.00	0.005	0.2	167.00
Water Sources Development-Rainwater Harvesting (Post-construction)					
1	Roof Top Area	3940.00	0.005	0.8	157.60
2	Road, Paved & Open Area	7248.86	0.005	0.75	271.83
3	Green Area	5511.00	0.005	0.2	55.11
Total					484.55

Waste Estimation (During Construction Period)

S. No.	Description	Unit	Values
1	Total Basement Area (Both Blocks)	m ²	5010.00
2	Height of the Both Basements	m	3.50
Total Excavated Waste during construction of Basement		m³	17535.00
1	Length of Periphery (Boundary)	m	570.00
2	Width of Periphery (Boundary)	m	0.31
2	Depth	m	1.00
Total Excavated Waste during construction of Periphery		m³	176.70
Grand Total of Excavated Waste		m³	17711.70
1	Total Workers	Nos.	150
2	Municipal Solid Waste as per CPCB	kg/day	0.60
Total Municipal Solid Waste		kg/day	90.00

Solid Waste Estimation (During Operation Phase)

S. No.	Category	Kg/Capita/Day	Waste generated (kg/day)
1.	Residential	1575@0.55 kg/day	866.25
2.	Staff	99 @ 0.25 kg/day	24.75
3.	Visitors	244 @ 0.15 kg/day	36.6
4.	Landscape Waste	1.37 @ 15 kg/day	20.6
Total Solid Waste Generated			948 kg/day

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

Construction details:

S. No.	Block Name	Status	S. No	Block Name	Status
1	A3	Construction Not Started	7	EWS Block	Complete
2	A2	Complete	8	Club House	Complete
3	A1	Complete	9	Convenient	Functional

				Shops	
4	A4	Complete	10	STP	Functional
5	A5	Complete	11	Dual Plumbing	Provided in Each Block
6	B1	Complete			

During presentation, it was submitted by PP that approx. 80% construction is completed by them and 20% is remaining. After presentation and discussion, PP was asked to submit following details:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. An undertaking that
 - i. The area is developed as per the approved master plan.
 - ii. No tree cutting was carried out during execution of this project.
 - iii. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.
 - iv. No issue pertaining to R&R and land ownership is pending.
 - v. Commitment of PP regarding no tree felling is being done for construction activity.
 - vi. No GW was extracted during construction & operation of project.
 - vii. No DG set was used during construction phase along with electricity bills of MPEB.
3. Utilization- wise Land Use details as per approved T& CP approved layout.
4. Copy of JV is to be submitted.
5. Records of occupational health check-up during construction phase shall be provided.
6. Proposed Energy conservation plan.
7. Contour map of the project site with depiction on map that the storm/natural water of surrounding area is flowing according to surface topography.
8. STP's status with photographic proofs.
9. Photographs of the first-aid facility, lightning arrester at mine site during construction phase.
10. Details of barricading done during construction phase.
11. Proposal for solar power.

2. Case No. - 5757/2018 Pacific Business Centre of M/s SARC Infrastructure and Technology at Village Bawadia Kala, Tehsil - Huzur, District - Bhopal (M.P.)-462026. Prior Environment Clearance for Pacific Business Centre of M/s SARC Infrastructure and Technology, Khasra No. – 378/1, at Village - Bawadia Kala, Tehsil- Huzur, District- Bhopal (M.P.), Total Land Area-1630.35 sq.mt. (4.05 Acre or 1.639 Hect.), Total Built up Area – 61334.56 Sq. mt., Category: 8(a) Building & Construction Project.Env. Con. – In Situ Enviro Care, Bhopal (MP.).

This is case of Prior Environment Clearance for Proposed Construction of Construction of Group Housing Project Pacific Business Centre of M/s SARC Infrastructure and Technology, Khasra No. – 378/1, at Village - Bawadia Kala, Tehsil- Huzur, District- Bhopal (M.P.), Total Land Area-1630.35 sq.mt. (4.05 Acre or 1.639 Hect.), Total Built up Area – 61334.56 Sq. mt., Total Built up Area – 45,583.75 m²., Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 332nd meeting dated 26/10/2018, wherein PP and their consultant were present. During discussion and perusals of the documents it was observed by the committee that the It's a case of Violation.

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

PP during presentation stated that they have already carried-out the monitoring and requested to use that monitoring data, committee allow to use that data along with one month validation data. Hence committee recommended to issue additional TOR as per notification dated 08th March 2018 along with standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and as per Annexure-D:-

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

area, drainage.

3. Land use as per the approved Master Plan of the area, permission/approvals required from the land owning agencies, Development Authorities, Local Body, Water Supply & Sewerage Board etc.
4. Land acquisition status, R & R details.
5. Forest and Wildlife and eco-sensitive zones, if any in the study area of 10 Km Clearances required under the Forest (Conservation) Act, 1980, the Wildlife (Protection) Act, 1972 and/or the Environment (Protection) Act, 1986.
6. Baseline environmental study for ambient air (PM10, PM2.5, SO₂, NO_x & CO), water (both surface and ground), noise and soil for one month (except monsoon period) as per MoEF & CC/CPCB guidelines at minimum 5 locations in the study area of 10 Km.
7. Details on flora and fauna and socio-economic aspects in the study area
8. Likely impact of the project on the environmental parameters (ambient air, surface and ground water, land, flora and fauna and socio-economic, etc.)
9. Source of water for different identified purpose with the permissions required from the concerned authorities, both for surface water and the ground water (by CGWA) as the case may be, Rain water harvesting, etc.
10. Waste water management (treatment, reuse and disposal) for the project and also the study area
11. Management of solid waste and the construction & demolition waste for the project vis-à-vis the Solid Waste Management Rules, 2016 and the Construction & Demolition Rules, 2016.
12. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.
13. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
14. Preparation of EMP comprising remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
15. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.

PP has submitted the EIA report vide letter dated 16/03/2019 which was forwarded through SEIAA vide letter no. 2858 dated 30/03/2019 which was placed before the committee.

The case was scheduled for the EIA presentation and discussion 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 and in case the PP remains absent, the decision will be taken on the basis of documents received from SEIAA.

3. Case No. - 6032/2019 Madhya Pradesh Police Housing & Infrastructure Development Corporation Ltd, Gwalior Division No. 1, 12, Anupam Nagar, Gwalior, MP – 474011 Prior Environment Clearance for Proposed Construction of Constable & NGO Residential Multiunit Development for 13 Batatalion (Total Plot Area: 38797.26 sqm, Total Built-up area for Project (FAR + Non-FAR) : 40454.32 sqm) at Village - Guda, Tehsil & Dist. Gwalior, MP.Environment Consultant-In Situ Enviro Care.

This is a case of Prior Environment Clearance for Proposed Construction of Constable & NGO Residential Multiunit Development for 13 Batatalion (Total Plot Area: 38797.26 sqm, Total Built-up area for Project (FAR + Non-FAR): 40454.32 sqm) at Village - Guda, Tehsil & Dist. Gwalior, MP.

The case was presented by the PP and their consultant wherein following details were submitted by the PP:

Salient features of this project:

S. No.	Item	Details
1.	Name of the project	Proposed Construction of Constable & NGO Residential Multiunit Development for 13 Battalion at Gwalior of Madhya Pradesh Police Housing & Infrastructure Development Corporation Ltd.
2.	Proposed capacity / area / length / tonnage to be handled / command area / lease area / number of wells to be drilled	Plot Area = 38797.26 m ² (3.879 Ha.) Net Planning Area = 35963.26 m ² Total built-up area for Project (FAR + Non-FAR)= 40454.32 m² (13340.32 + 27114.00) Project involves the construction of 4 NGO block having 128 NGO units & 10 Constable Block having 320 Constable units
3.	New / Expansion / Modernization	New
4.	Category of Project i.e. 'A1 or 'B'	'B'
5.	Does it attract the General condition? If Yes, please specify.	No

6.	Does it attract the Specific condition? If Yes, please specify.	No		
7.	Location	Latitude - 26°10'47.56"N Longitude - 78° 8'24.69"E Village - Guda, Tehsil & District – Gwalior, Madhya Pradesh		
8.	Plot/Survey/Khasra No.	123		
9.	Village	Guda		
10.	Tehsil	Gwalior		
11.	District	Gwalior		
12.	State	Madhya Pradesh		
13.	Nearest railway station/airport along with distance in kms.	Nearest Railway Station: Gwalior Railway Station – 7.00 km (NE) Nearest Airport: Gwalior Airport - 16.8 Km (NE)		
14.	Nearest Town, City, District Headquarters along with distance in kms.	Nearest	Name	Distance
		City	Gwalior	Within Municipal Area
		District Headquarters (Collectorate)	Gwalior	10.2Kms (NE)
15.	Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Nagar Nigam Mukhyalay, City Center, Gwalior. Phone :0751 2438312		
16.	Name of the applicant	Madhya Pradesh Police Housing & Infrastructure Development Corporation Ltd.		
17.	Registered Address	Madhya Pradesh Police Housing & Infrastructure Development Corporation Ltd. Gwalior Division No. 1, 12, Anupam nagar, Gwalior.		
18.	Address for correspondence:	Madhya Pradesh Police Housing & Infrastructure Development Corporation Ltd. Gwalior Division No. 1, 12, Anupam nagar, Gwalior.		
19.	Name	Mr. Naresh Sharma		
20.	Designation (Owner/Partner/CEO)	Project Engineer		
21.	Address	Madhya Pradesh Police Housing & Infrastructure Development Corporation Ltd. Gwalior Division No. 1, 12, Anupam nagar, Gwalior.		
22.	Pin Code	474011		

23.	E-mail	mpphcgwaliorno1@gmail.com mpphcgwaliormp@gmail.com		
24.	Telephone No.	9425601514		
25.	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.	No		
26.	Features of the Project.	S. No	PARTICULARS	DETAILS
		1.	TOTAL LAND	38797.26 SQM
		2.	NET Planning AREA	35963.26 SQM
		3.	NGO Building B/up Area	13340.32 SQM
		4.	Constable Building B/up Area	27114.00 SQM
		5.	Total B/up Area	40454.32 Sq.mt. (3+4)
		6.	No. of Units	448 (128 NGO+ 320 Constable)
		7.	Parking Provided	578 Cars
		8.	Total Water Demand	344 KLD
		9.	Total Waste Water Generated	273 KLD
		10.	Solid Waste Generated	0.915 TPD
		11.	Total Electrical Load – Construction Phase	50 KW
		12.	Total Electrical Load – Operation Phase	1350 KW
		13.	Backup Power Supply	3 DG sets of 100 KW each capacity
		14.	Source of Electricity	MPEB
		15.	STP Capacity	273 KLD on 100% Load & 300 KLD Proposed based on MBBR Technology
		16.	Landscape Area	5210.24 Sq.mt.
		17.	Height of the building	24m. (Stilt + 8 Floor)
		18.	MOS	F – 9.0 M. Side – 7.50 M.
19.	Maximum Height of	G+24 M.		

		Building
27	Name of the consultant	In Situ Enviro Care Address: E- 7/829, Shahpura, Arera Colony, Bhopal - 462016 (M.P.)
28	SR. No. in Nabet/QCI List	86

During presentation and discussion it was recorded from the submitted documents by the PP that approx. 55 big trees are proposed to be uprooted for which PP submitted that they have already obtained necessary permission from MC, Gwalior vide letter no 1/19 X13/1 park dated 21/01/2019. After presentation PP was asked to submit following details:

- Revised EMP by adding ETP cost.
- Undertaking for proposal for second exit in case of emergency.
- Proposal for CER as per MoEF&CC OM.
- Copy of Municipal Corporation permission letter as in the copy attached with the file date if issuance is missing.
- Specieswise inventory of trees existing in the proposed area.

PP vide letter No. 327 dated 12/04/2019 submitted reply of the above query. The query reply was presented by the PP and after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Proposed Construction of Constable & NGO Residential Multiunit Development for 13 Batatalion (Total Plot Area: 38797.26 sqm, Total Built-up area for Project (FAR + Non-FAR) : 40454.32 sqm) at Village - Guda, Tehsil & Dist. Gwalior, MP .Category: 8(a) Building & Construction Project 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 lightning etc.
- iii. The project proponent shall obtain clearance from the National Board for wildlife, as project lies within the 10 kms radius of Ralamandal Abhayaran.

- iv. 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.
- v. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- vi. 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.
- vii. All other statutory clearances such as the approvals for storage of diesel from Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- viii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016 and the Plastics Waste (Management) Rules, 2016 shall be followed.
- ix. 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. Total Power Requirement for the proposed project is 1350 KW (for operational phase which will be drawn from MPEB) and 50 KW (for construction phase from MPEB) with 3 DG sets of 100 KW capacities each proposed for back-up power supply.
- v. Diesel power generating sets proposed (Capacity – 3X100 KW) as 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.
- vi. 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 walls 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.

- vii. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- viii. Wet jet shall be provided for grinding and stone cutting.
- ix. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- x. 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.
- xi. The gaseous emission from DG 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.
- xii. 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 water use shall not exceed 344 KLD (from Municipal Water Supply), where fresh water requirement for domestic use will be 201.8 KLD, water requirement for flushing will be 101.05 KLD and water requirement for landscaping & Misc uses will be 41.05KLD respectively.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be monitored and recorded 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 are done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. Rain water harvesting recharge pits 2 nos. of 12 Cum recharging capacity shall be provided for ground water recharging as per the CGWB norms. Design of rain water harvesting pits shall be as per given in conceptual plan.
- 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. Sewage generated will be 273 KLD which shall be treated in the STP 300 KLD with tertiary treatment.
- xvi. No sewage or untreated effluent water would be discharged through storm water drains.
- xvii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odor problems from STP.
- xviii. 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. Acoustic enclosures for DG sets (Capacity– 3 X100 KW), 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. 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.
- ii. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.915TPD) shall be segregated into wet

- garbage and inert materials. (Compostable Waste: 0.503 TPD, Non-Biodegradable Waste: 0.403 TPD)
- iii. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
 - iv. 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.
 - v. 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.
 - vi. 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.
 - vii. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
 - viii. 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. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the plantation scheme minimum of 778 no's of trees to be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
- iii. 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.
- iv. The 5210.24 sq. meters (14.49 %) of total area shall be provided for green belt development as per the details provided in the project document.
- 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 stock piled 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. Parking's for 578 Nos. as proposed by PP out of which 438 are open parking and 140 stilt parking.
- 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. In the EMP PP has proposed Rs. 73.58 lakh as capital cost and Rs. 20.00 lakh/year for recurring expenses in of the proposed project.
- iii. Under CER different activities the PP proposed Rs 26.88 Lakh.
- iv. 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.
- v. 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.
- vi. 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

- ii. 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.
- iii. The proposed land use of the project is as follows:

AREA STATEMENT OF MULTIUNIT BLOCK							
	PERMISSIBLE			PROPOSED			
GROUND COV.	10788.98	SQ.M.	30%	5734	SQ.M.	15.94%	
OPEN PARK AREA	3596.33	SQ.M.	10%	5210.24	SQ.M.	14.49%	
SERVICE'S AREA	359.63	SQ.M.	1%	2000.00	SQ.M.	5.56%	
OPEN PARKING AREA	-		-	4460	SQ.M.	12.40%	
ROAD AREA	-		-	5723.62	SQ.M.	15.92%	
CIRCULATION AREA	-		-	2691.40	SQ.M.	7.48%	
FUTURE EXPANSION AREA	-		-	10144	SQ.M.	28.21%	
BUILTUP AREA	44954.08	1.25	F.A.R.	26782.72	SQ.M.	0.74	F.A.R.
SUPER BUILTUP AREA				40454.32	SQ.M.		
BUILDING HEIGHT	18m.			24 m. (STILT + EIGHT FLOOR)			
M.O.S.	FRONT. -9.0 m.		SIDE- 7.5 m.	FRONT. -9.0 m.		SIDE- 7.50m.	
F.A.R.	1.25			0.74			
TOTAL UNIT				[4X32=128 NGO + 10X32=320 CONSTABLE] = TOTAL 448 UNIT			
TOTAL TOWER				4 TOWER (NGO) + 10 TOWER (CONSTABLE) = TOTAL 14 TOWER			

- iv. 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).
- v. 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.

4. Case No. - 6014/2019 Smt. Rachna Chouksey, Village - 181 Chouksey Nagar, Tehsil - Huzur, Dist. Bhopal – 462001 Prior Environment Clearance for Crusher Stone

(Basalt) Quarry in an area of 4.00 ha. (24,949 cum per annum) (Khasra No. 3), Tehsil - Huzur, Dist. Bhopal.

This is case of Crusher Stone (Basalt) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3), Tehsil - Huzur, Dist. Bhopal (M.P.) 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 letter No. 1705 dated: 14/7/15 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 12.62 ha., including this mine.

The case was scheduled for the presentation and discussion wherein PP and their consultant were present. During perusal of the documents submitted by the PP it was observed by the committee that earlier PP has obtained EC for this lease from DEIAA issued vide letter no 64 dated 23/05/2016. Committee observed that DEIAA has issued conditional EC stating that after 31/03/2019 renewal shall not be considered. PP submitted that they have valid lease and thus may be permitted to work.

Committee after deliberations decided that since DEIAA have put up a condition for not renewing the EC, same cannot be withdrawn by them. However, PP submitted that they have requested competent authority to amend the condition and requested that 60 days time may be given to them for getting permission from collector for mining in this area.

Committee after deliberations decided that in above circumstances this case can not be appraised for grant of EC however, 45 days time may be given to PP for getting suitable permission for collector for carrying out mining on this lease. If same is not submitted within 45 days case may be referred back to SEIAA for delisting.

5. Case No. – 6006/2019 Smt. Ketki Sood W/o Shri Kunal Sood, E-2/42, Arera Colony, Bhopal, MP – 462016 Prior Environment Clearance for Crusher Stone (Gitti) Quarry in an area of 2.620 ha. (15,660 cum per annum) (Khasra No. 3), Village - Neelbad, Tehsil - Huzur, Dist. Bhopal (MP).

This is case of Crusher Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3), Village - Neelbad, Tehsil - Huzur,

Dist. Bhopal (MP) 2.620 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 letter No. 2196 dated: 17/9/2014 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 14.932 ha., including this mine.

The case was scheduled for the presentation and discussion wherein PP and their consultant were present. During perusal of the documents submitted by the PP it was observed by the committee that earlier PP has obtained EC for this lease from DEIAA issued vide letter no 43 dated 23/05/2016. Committee observed that DEIAA has issued conditional EC stating that after 31/03/2019 renewal shall not be considered. PP submitted that they have valid lease and thus may be permitted to work.

Committee after deliberations decided that since DEIAA have put up a condition for not renewing the EC, same cannot be withdrawn by them. However, PP submitted that they have requested competent authority to amend the condition and requested that 60 days time may be given to them for getting permission from collector for mining in this area.

Committee after deliberations decided that in above circumstances this case can not be appraised for grant of EC however, 45 days time may be given to PP for getting suitable permission for collector for carrying out mining on this lease. If same is not submitted within 45 days case may be referred back to SEIAA for delisting.

6. Case No. – 6007/2019 Smt. Tulsi Ahuja, H.No. 44, Kotra Road, Dwarikapuri, Dist. Bhopal, MP – 462010 Prior Environment Clearance for Basalt Stone (Gitti) Quarry in an area of 2.00 ha. (25,000 cum per annum) (Khasra No. 5), Village - Neelbad, Tehsil - Huzur, Dist. Bhopal (MP).

This is case of Basalt Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 5), Village - Neelbad, Tehsil - Huzur, Dist. Bhopal (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 lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2528 dated: 23/9/2015 has reported that

there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 12.62 ha., including this mine.

The case was scheduled for the presentation and discussion wherein PP and their consultant were present. During perusal of the documents submitted by the PP it was observed by the committee that earlier PP has obtained EC for this lease from DEIAA issued vides lette no 15 dated 16/05/2016. Committee observed that DEIAA has issued conditional EC stating that after 31/03/2019 renewal shall not be considered. PP submitted that they have valid lease and thus may be permitted to work.

Committee after deliberations decided that since DEIAA have put up a condition for not renewing the EC, same cannot be withdrawn by them. However, PP submitted that they have requested competent authority to amend the condition and requested that 60 days time may be given to them for getting permission from collector for mining in this area.

Committee after deliberations decided that in above circumstances this case can not be appraised for grant of EC however, 45 days time may be given to PP for getting suitable permission for collector for carrying out mining on this lease. If same is not submitted within 45 days case may be referred back to SEIAA for delisting.

7. Case No. - 6013/2019 Smt. Soniya Sood W/o Shri Ish Kumar Sood, E-2/42, Arera Colony, Bhopal, MP – 462016 Prior Environment Clearance for Basalt Stone (Gitti) Quarry in an area of 2.00 ha. (8,820 cum per annum) (Khasra No. 564/2/1), Tehsil - Huzur, Dist. Bhopal (MP)

This is case of Basalt Stone (Gitti) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 564/2/1), Tehsil - Huzur, Dist. Bhopal (MP) 2.00 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 letter No. 763 dated: 19/05/15 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 12.62 ha., including this mine.

The case was scheduled for the presentation and discussion wherein PP and their consultant were present. During perusal of the documents submitted by the PP it was observed by the

committee that earlier PP has obtained EC for this lease from DEIAA issued vides lette no 106 dated 30/05/2016. Committee observed that DEIAA has issued conditional EC stating that after 31/03/2019 renewal shall not be considered. PP submitted that they have valid lease and thus may be permitted to work.

Committee after deliberations decided that since DEIAA have put up a condition for not renewing the EC, same cannot be withdrawn by them. However, PP submitted that they have requested competent authority to amend the condition and requested that 60 days time may be given to them for getting permission from collector for mining in this area.

Committee after deliberations decided that in above circumstances this case can not be appraised for grant of EC however, 45 days time may be given to PP for getting suitable permission for collector for carrying out mining on this lease. If same is not submitted within 45 days case may be refered back to SEIAA for delisting.

8. Case No. - 6031/2019 Shri Dajiram Naghase, Gram/Post - Pala, Tehsil - Kiranapur, Dist. Balaghat, MP – 481001 Prior Environment Clearance for Sand Quarry in an area of 2.606 ha. (74,400 cum per annum) (Khasra No. 415/1, 416/1, 416/2, 416/3, 417/1), Village - Rattapayli, Tehsil - Kiranapur, Dist. Balaghat (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 415/1, 416/1, 416/2, 416/3, 417/1), Village - Rattapayli, Tehsil - Kiranapur, Dist. Balaghat (MP) 2.606 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 letter No. 441 dated: 08/03/19 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 further stated that this is khodu bharu mine and this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open cast semi mechanized. After presentation the committee asked to submit following details:

- Revised EMP by adding the budget for construction & mainataing approach road by PP.
- Notarized Agreement letter from land owner.

- Revised proposed plantation species by adding अर्जुन, जामुन, सिस्सु, सू-बबूल, as suggested by the committee.
- Revised CSR by adding distribution of earthen water filter in school.

9. Case No. - 6034/2019 M/s A.S.R. Enterprises, House No. 50, Ward No. 32, Paradise Colony, Panna Road, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Stone Quarry in an area of 1.30 ha. (30,916 cum per annum) (Khasra No. 668/1), Village - Tikari, Tehsil - Gaurihar, 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. 668/1), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.30 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 letter No. 811 dated: 07/03/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine mine with total area of 4.00 ha., including this mine.

The case was presented by the PP and their consultant. After presentation the committee asked to submit following details:

- All the approved maps of mining plan are to be annexed by the PP.
- Revised capacity of truck (minimum 15 T) for material excavation with revised traffic management plan.
- Revised drilling and blasting details.
- Proposal for protection against runoff (retaining wall and safety bund as per the contour) as site is located on the foothill.
- Revised road details with its proposal for 7.5 meters width.
- Revised EMP by adding proposal for maintain approach road by PP with its budget.
- Revised plantation species as suggested during presentation.
- Revised CER by adding development and maintenance of school boundary wall by PP.

10. Case No. - 6037/2019 Shri Rajesh Kumar, Mau Girwan, Tehsil - Naraini, Dist. Banda, UP – 210001 Prior Environment Clearance for Stone Quarry in an area of 1.40 ha. (42,433 cum per annum) (Khasra No. 668/1), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 668/1), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.40 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 letter No. 810 dated: 07/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.00 ha. including this mine.

The case was presented by the PP and their consultant. After presentation the committee asked to submit following details:

- All the approved maps of mining plan are to be annexed by the PP.
- Revised capacity of truck (minimum 15 T) for material excavation with revised traffic management plan.
- Revised drilling and blasting details.
- Proposal for protection against runoff (retaining wall and safety bund as per the contour) as site is located on the foothill.
- Revised road details with its proposal for 7.5 meters width.
- Revised EMP by adding proposal for maintain approach road by PP with its budget.
- Revised plantation species as suggested during presentation.
- Revised CER by adding development and maintenance of school boundary wall by PP.

11. Case No. - 6038/2019 Shri Bahori Lal, Saleha, Tehsil - Gunour, Dist. Panna, MP – 488001 Prior Environment Clearance for Flagstone Quarry in an area of 1.134 ha. (4,320 cum per annum) (Khasra No. 130, 132/2), Village - Kutmi, Tehsil - Pawai, Dist. Panna (MP).

This is case of Flagstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 130, 132/2), Village - Kutmi, Tehsil - Pawai, Dist.

Panna (MP) 1.134 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 letter No. 412 dated: 06/03/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.134 ha., including this mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that lease is in two parts for which PP submitted that to make area > 1.00 ha., lease is sanctioned in two parts. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remark
D u Trees (5nos)	Within lease	-	Commitment for no tree falling without permission
r i Habitations	400	SE side.	--

During presentation it was recorded from the DFO certificate vide letter no 997 dated 12/02/2016 that RF is about 135 mts distance from the lease for that PP has obtained permission from Divisional level committee vide letter no 642 dated 06/04/2018. PP further submits that no blasting is proposed in this mine. During presentation it was also observed that there are 05 trees in the lease area for which PP submitted that these trees will not be uprooted and one feet area will be left around the tree canopy as non mining area. After presentation the committee asked to submit following details:

- Revised plantation species by eliminating पलाश as suggested during presentation.
- Commitment that no tree cutting will be done.
- Proposal for solar panel in the EMP.
- Revised CER by adding distribution of water filter in nearest school.
- Copy of agreement between the land holder and PP for carrying out mining on their land.

Vide letter dated 12.04.2019, PP has submitted the desired information, which was placed before the committee. After deliberations, the EMP and other submissions made by the PP 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 Flagstone 4,320 cum/annum.
2. No tree cutting is permitted within the lease area.
3. A budgetary provision for Environmental management Plan of Rs. 5.84 Lakh as capital and Rs 1.14 Lakh/year and under CSR Rs. 0.36 Lakh/years.

12. Case No. – 6039/2019 Shri Uday Dubey S/o Shri Badri Prasad Dubey, Pathak Colony, Hirwara, Dist. Katni, MP – 483501 Prior Environment Clearance for Murrum Quarry in an area of 2.00 ha. (8,100 cum per annum) (Khasra No. 396P), Village - Saraswahi, Tehsil - Katni, Dist. Katni (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 396P), Village - Saraswahi, Tehsil - Katni, Dist. Katni (MP) 2.00 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 letter No. 897 dated: 18/02/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.00 ha., including this mine.

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 in case the PP remains absent, the decision will be taken on the basis of documents received from SEIAA

13. Case No. – 6040/2019 Shri Shailendra Kumar Dwivedi, Village - Bachhon, Tehsil - Chandla, Dist. Chhatarpur, MP – 471001 Prior Environment Clearance for Stone Quarry in an area of 1.30 ha. (31,514 cum per annum) (Khasra No. 668/1), Village - Tikari, Tehsil - Gaurihar, 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. 668/1), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.30 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 letter No. 812 dated: 07/02/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.0 ha., including this mine.

The case was presented by the PP and their consultant. After presentation the committee asked to submit following details:

- All the approved maps of mining plan are to be annexed by the PP.
- Revised capacity of truck (minimum 15 T) for material excavation with revised traffic management plan.
- Revised drilling and blasting details.
- Proposal for protection against runoff (retaining wall and safety bund as per the contour) as site is located on the foothill.
- Revised road details with its proposal for 7.5 meters width.
- Revised EMP by adding proposal for maintain approach road by PP with its budget.
- Revised plantation species as suggested during presentation.
- Revised CER by adding development and maintenance of school boundary wall by PP.

14. Case No. - 6008/2019 M/s Shubham Construction Company, 44, Gayatri Vihar, Pinto Park, Murar, Dist. Gwalior, MP Prior Environment Clearance for Sand Deposit Quarry in an area of 4.229 ha. (38,803 cum per annum) (Khasra No. 151/1, 151/2, 151/3), Village - Muar, Tehsil - Gadarwara, Dist. Narsinghpur (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 151/1, 151/2, 151/3), Village - Muar, Tehsil -

Gadarwara, Dist. Narsinghpur (MP) 4.229 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 Office vide letter no. 790 dated: 12/03/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

PP further stated that this is khodu bharu mine and this lease was obtained under temporary permit (TP) for two years period, sand deposit from Dudhi river bed (river course diverted over the years thus encroaching part of private land i.e. ML area) & the method of mining will be open cast semi mechanized. After presentation the committee asked to submit following details:

- Khasa Map with area allotted against each khasra.
- Gram Sabah NOC (Tahrav Prastav)
- Commitment of Pp that unproductive area shall be converted in to green belt area for which revised environmental plan shall be submitted.
- Commitment of PP that approach road shall be 5.5 meters wide.
- Revised CER adding awareness camp for traffic rules in villages as suggested during presentation.

15. Case No. – 6024/2019 Shri Gajraj Singh, Village - Barua, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 474001 Prior Environment Clearance for Sand Quarry in an area of 2.40 ha. (53,366 cum per annum) (Khasra No. 608/1), Village - Barua, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 608/1), Village - Barua, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.40 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 letter No. 1614 dated: 13/03/19 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.828 ha., including this mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction
Trees (10 nos)	Within lease	-

PP further stated that this is khodu bharu mine and this lease was obtained under temporary permit (TP) for two years period, sand deposit from Ken river bed (river course diverted over the years thus encroaching part of private land i.e. ML area) & the method of mining will be open cast semi mechanized. During presentation it was observed by the committee that about 10 trees are in existence within the lease for which PP submitted that trees will be protected by leaving safety area (one foot around the tree canopy) around the trees as non mining area. After presentation the committee asked to submit following details:

- Revised CER as suggested during presentation.
- Commitment from PP that the dimension of approach road would be 5.5 mts wide excluding shoulder.

PP has submitted the response of above quarries same date vide letter dated 12.04.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP 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 'C':

1. Production of Sand as per mine plan with quantity not exceeding 53,366 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.20 Lakh as capital and Rs 33.50Lakh/year and under CSR Rs. 2.00 Lakh/years.

16. Case No. – 6025/2019 Shri Prabal Shrivastava S/o Shri Prakash Shrivastava, Nehru Nagar, Bhopal, MP – 462003 Prior Environment Clearance for Sand Quarry in an area of 1.40 ha. (19,850 cum per annum) (Khasra No. 2349/1, 2349/4), Village - Parsitpura, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2349/1, 2349/4), Village - Parsitpura, Tehsil -

Gaurihar, Dist. Chhatarpur (MP) 1.40 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 letter No. 470 dated: 24/01/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

PP further stated that this is khodu bharu mine and this lease was obtained under temporary permit (TP) for two years period, sand deposit from Ken river bed (river course diverted over the years thus encroaching part of private land i.e. ML area) & the method of mining will be open cast semi mechanized. After presentation the committee asked to submit following details:

- Revised CER by adding proposal of shed/shelter in nearest village.
- Revised proposed plantation @ 300 trees per year shall be planted.
- Commitment from PP that the dimension of approach road would be 5.5 mts wide excluding shoulder.

PP has submitted the response of above quarries same date vide letter dated 12.04.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP 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 'C':

1. Production of Sand as per mine plan with quantity not exceeding 19,850 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 11.32 Lakh as capital and Rs 3.29 Lakh/year and under CSR Rs. 1.20 Lakh/years.

17. Case No. – 6026/2019 Shri Dharmendra Dixit S/o Shri Farindranarayan Dixit, Tehsil - Shahpura, Dist. Betul, MP – 460440 Prior Environment Clearance for Sand Quarry in an area of 1.90 ha. (23,797.50 cum per annum) (Khasra No. 3/1), Village - Sohagpurdhana, Tehsil - Shahpur, Dist. Betul (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3/1), Village - Sohagpurdhana, Tehsil - Shahpur,

Dist. Betul (MP) 1.90 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. 615 dated: 12/3/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

PP further stated that this is khodu bharu mine and this lease was obtained under temporary permit (TP) for two years period, sand deposit from Machna river bed (river course diverted over the years thus encroaching part of private land i.e. ML area) & the method of mining will be open cast semi mechanized. After presentation the committee asked to submit following details:

- Revised CER by adding proposal of hand-up in nearest village.
- Revised proposed plantation @ 400 trees per year shall be planted.
- Commitment from PP that the dimension of approach road would be 5.5 mts wide excluding shoulder.

PP has submitted the response of above quarries same date vide letter dated 12.04.2019, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP 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 'C':

1. Production of Sand as per mine plan with quantity not exceeding 23,797.50 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.33 Lakh as capital and Rs 3.58Lakh/year and under CSR Rs. 1.40 Lakh/years.

DISCUSSION ON QUERY REPLY SUBMITTED BY PP.

18. Case No. - 5878/2019 Sarpanch/Sachiv, Gram Panchayat, Village - Sili, Gram Panchayat - Kumharra, Tehsil - Dabra, Dist. Gwalior, MP - 471516 Prior Environment Clearance for Sand Mine in an area of 4.99 Ha. (68,263 cum per annum) (Khasra No. 307 Part), Village- Sili, Tehsil - Dabra, Dist. Gwalior (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 307 Part), Village- Sili, Tehsil - Dabra, Dist. Gwalior (MP) 4.99 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. Q3 dated 21/01/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented in the 347th SEAC meeting dated 28-02-19 by the PP and their consultant. During presentation committee observed in the Google image that the lease is submerged in water and since mid stream mining is not permitted, PP shall submit revised operational production plan leaving submerged area as non mining area. PP further stated that sand will be evacuated manually. After presentation the committee asked to submit following details:

- Revised operational production plan leaving the area submerged in water as non mining area.
- Commitment from PP that sand evacuation will be carried-out manually
- Revised EMP for Occupational Health check- up, PPE's, First Aid, Fire fighting, shelters & toilet for workers.
- Revised plantation & CSR as suggested during presentation.

PP has submitted the response of above queries on dated vide letter dated 10.04.2019, along with M.O. letter dated 07.03.2019 in which Mining officer, Gwalior certified that the proposed quantity of sand is available for mining in the river as per Mining Plan. These replies were placed before the committee and the same was found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP 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 'B':

1. Production of Sand as per mine plan with quantity not exceeding 68,263 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9,01,500 Lakh as capital and Rs 4.54 Lakh/year and under CSR Rs. 3.00 Lakh/years.

19. Case No. - 5843/2019 Shri Ramakanthi S/o Shri Jageshwar Brahmin, Gram Goyra, Gaurihar, Dist. Chhatarpur, MP – 471516 Prior Environment Clearance for Sand Mine in an area of 1.00 Ha. (21,375 cum per annum - 1st year, 15,390 cum per annum - 2nd year) (Khasra No. 384/1, 384/2) at Village- Goyra, Tehsil - Gaurihar, Dist. Chhatarpur (MP) (Temporary Permit)

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 384/1, 384/2) at Village- Goyra, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.0 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 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. 483 dated: 24/01/19 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant in 342nd SEAC meeting dated 18/02/2019. The PP stated that this is a Khodu-Bharu type sand mine and such sand deposits are accumulated in the filled due to erosion and recurrence of flood in Ken River in the long course of time. PP further stated that, this lease was obtained under temporary permit (TP) with two years validity & the method of mining will be open cast semi mechanized. As per the Google image it was observed that approx 08 to 10 trees are in existence in lessee. PP submitted that no tree will be uprooted during mining. After presentation the committee asked to submit following details:

- Commitment from PP that no tree shall be uprooted falling within the lease area.
- Revised Water Demand Chart as suggested by committee.
- Inventory of the lease with details of girth with name of tree species.
- Details of machine deployment.
- Land use details of existing and conceptual period.
- Revised EMP as suggested by the committee
- Revised budget for Occupational Health check- up, PPE's, First Aid, shelters & toilet for workers

PP has submitted the response of above quarries on dated vide letter dated 06.03.2019. These replies were placed before the committee and the same was found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by

the PP 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 'C':

1. Production of Sand as per mine plan with quantity not exceeding 21,375 cum per annum - 1st year, 15,390 cum per annum - 2nd year)cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 5.65 lakh as capital and 1.97 as recurring and under CSR Rs. 1.00 Lakh/years.

20. Case No. - 5922/2019 Smt. Sumitra Grover, Civil Lines, Near Rest House No. 1, PO & Dist. Katni, MP – 483501 Prior Environment Clearance for Limestone and Dolomite Mine in an area of 5.22 Ha. (80,000 tonne per annum) (Khasra No. 67 & 85), Village- Rajarwara, Tehsil - Vijayraghgarh, Dist. Katni.

This is case of Limestone and Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 67 & 85), Village- Vijayraghgarh, Tehsil - Katni, Dist. Katni (M.P.) 5.22 Ha. The project requires prior EC before commencement of any activity at site.

Brief Description of Project

- ❖ The area was previously held under ML for 20 years period w.e.f. 19.12.75 to 18.12.95 by Shri G.K. Moitra C/o Amehta Stone Lime Co.
- ❖ The area was transferred by the State Govt. on 30.8.94 for the balance period of ML to the lessee.
- ❖ The lease area was further renewed for 20 years period w.e.f. 19.12.95 to 18.12.2015 over an area of 5.22 ha.
- ❖ The lease area has been extended for 50 years period up to 18.12.2025 in accordance with THE MINES AND MINERALS DEVELOPMENT AND REGULATION) AMENDMENT ACT, 2015 . The supplementary agreement to this effect has been executed.
- ❖ Mining Plan was approved by IBM Jabalpur vide its letter no. MP/Katni/Limestone/MPLN_Mod-03/15-16/4249 dated 11/08/2015.
- ❖ The proposed production will be 80,000 TPA of limestone and dolomite
- ❖ The cost of the project is Rs. 1.0 Crores.
- ❖ The life of mine will be 07 years of lease period.
- ❖ Opencast Semi Mechanized Method will be adopted.
- ❖ The total mine lease area is 5.22 ha., which is govt. waste land. The lease area is almost flat and gently sloping towards south direction.

- ❖ Site services will be constructed as per Mines Act and Mines Rule 1955.
- ❖ Out of 5.22 ha mining activities are proposed to be carried out in 4.60 ha area and from which will be backfilled (2.85 ha) till the conceptual period followed by plantation and remaining 1.75 ha will be converted into water reservoir. Area under green belt will be 0.62 ha.
- ❖ OB /waste generated will be used for simultaneous backfilling. Tools and equipments will be stored in store room. No out site dumping is proposed.
- ❖ No impoundment or damming is involved in the project. The ultimate depth of mining is 34m bgl. The mining will be restricted above ground water table.
- ❖ The mining will be restricted above GWT. No change is anticipated in the hydrology of watercourses or aquifers by the mining operation.
- ❖ The project does not involve any closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements.
- ❖ 17.0 m³/day of water will be required for plantation, mining and allied activities as well as for domestic purpose.

The case was presented by the PP and their consultant in 351st SEAC meeting dated 16/03/2019, wherein during it was observed by the committee that this lease is surrounded by another lease for which consultant submitted that this lease also belongs to the same PP and they are also planning for permission under section 111 of MMR, 1996. Committee suggested that before submission of EIA report this permission shall be obtained. Being it's a case of major mineral with area >5.00 ha, committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
2. Detailed study of ground vibration and fly rocks shall be done.
3. Transportation plan & traffic management plan should be discussed in the EIA report.
4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
5. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
6. Compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board.
7. Year wise details of minerals already excavated till date should be submitted with EIA report.
8. Commitment of PP that no production since 2006 shall also be attached with the EIA report.
9. Level of mechanization should be discussed in the EIA report.

10. Hydro geological study should be carried out if ground water intersection is proposed.
11. Top soil management plan should be addressed in EIA report.
12. Input data of modeling should be addressed in EIA along with this all back up calculation.
13. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report and monitoring should be conducted in consultation with the regional officer of the MP Pollution Control Board.
14. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
15. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
16. Water quality of all the villages within 10 Km radius should be studied and result should be incorporated in final EIA report.
17. PP would follow environmental extend rules.

PP vide letter 04/04/2019 has submit a request to change the name of village Rajarwara in place of Vijayraghogarh as per Form-I.

The above case was placed before the committee for issuance of corrigendum as for this case in 351st SEAC meeting dated 16/03/2019 due to typographical village Vijayraghogarh is mentioned in minutes whereas this site is located in Village-Rajarwara, Tehsil - Vijayraghogarh, Dist. Katni. Committee after deliberations decided that the name of village may be revised and now Village-Rajarwara, Tehsil - Vijayraghogarh, Dist. Katni for this mine and other conditions will remain same as per the recommendations of 351st SEAC meeting dated 16/03/2019.

(Dr. Mohd. Akram Khan)
Member

(Dr. A.K. Sharma)
Member

(Shri Prashant Srivastava)
Member

(Mohd. Kasam Khan)
Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
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/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. 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. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. 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.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. 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.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
2. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
3. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
4. 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 trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys 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.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
7. 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.
8. No Mining shall be carried out during Monsoon season.
9. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
10. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring 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.
11. 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.
12. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
13. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.

14. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
15. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
16. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
17. 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. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
18. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
19. 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.
20. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
21. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
22. 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.
23. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

Annexure- 'C'

Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.

7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
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 mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. 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. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. 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.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. 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.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure 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. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report.
3. 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.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. 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.
12. 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.
13. Grant of TOR does not mean grant of EC.
14. 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. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. 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.
16. 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.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. 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.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.

21. 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.
22. 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.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.

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.

25. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
26. Detailed analysis of availability and quality of the drinking water resources available in the block.
27. 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.
28. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.