

The 350th meeting of the State Expert Appraisal Committee (SEAC) was held on 15th March, 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.
4. Dr. R. Maheshwari, Member.

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

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

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

Earlier this case was scheduled in 319th SEAC meeting dated 22/06/2018 wherein it was recorded that: PP has submitted EIA vide letter no. Nil dated 07/05/18 which was forwarded through SEIAA vide letter no. 368 dated 10/05/2018.

Chronology and Details of Violation

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

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

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 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.

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, PN2.5, 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 22/01/2019 which was forwarded through SEIAA vide letter no. 2091 dated 31/01/2019 which was placed before committee.

The case was scheduled for the EIA presentation in 345th SEAC meeting dated 21/02/2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings of SEAC.

In this meeting the EIA incorporating remediation plan and natural community resource augmentation plan was presented by the PP and their consultant.

The salient features of the project area as:

- M/s Prashant Sagar Builders and Developers Pvt. Ltd. (PSBD-developers) and Highway Infrastructure Pvt. Ltd. (HIPL-land owners) jointly has planned and developed an affordable group housing Project “Highway Karuna Sagar” at Khasra Nos. 176/1, 177/3, 178/1, 179/4/2, village Kanadia, Tehsil & District Indore, Madhya Pradesh
- Project site is spread over area of 26890.0 sq m and total built-up area is 58135.336 sq m.
- Project comprise of 4 blocks and 15 towers (A-D, P+6, 1188 dwelling units), EWS block (57 units, G+3) and small commercial block (convenient shopping-15 nos)
- Till date ten nos. of towers comprising of 804 nos. DU are constructed.

Chronology and Details of Violation

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- After knowing the applicability, an application was submitted to SEIAA, M.P. for obtaining environmental clearance in Nov, 2012.
- Project was taken up in 116th SEAC meeting in January, 2013 and SEIAA suggested to submit application in name of land owner, i.e. M/s Highway Infrastructure Pvt. Ltd. (HIPL) on 15th January, 2013.
- Revised application was submitted to SEIAA on 8.02.2013 and the project was taken up in 127th SEAC meeting held on 25th April, 2013.
- In the meeting proponent admitted that construction has been undertaken at the site due to unawareness of applicability of EIA Notification, 2006. SEAC has sent back the project to SEIAA for action as per MOEF&CC OM dated 12.12.2012. SEIAA in 139th SEIAA meeting directed HIPL to submit information on construction status and other documents. Details were submitted by HIPL and then the project was taken up in 142nd SEIAA meeting held on 18.07.2013. SEIAA, MP had initiated the credible action against the project
- Proponent has paid the penalty as imposed by CMJ court under credible action.
- Project has been twice recommended by SEAC in their meetings on basis of the site visits and presentation.

Details of Violation

- A litigation was filed by Paryavaran Avam Manav Adhikar in NGT in 2014 against the project and NGT ordered proponent to apply fresh application in SEIAA, MP for grant of environment clearance and also SEIAA to consider the application.
- Thereafter the case has been moving back and forth between SEIAA and SEAC, i.e. 2014-2017 and no decision was given on the project.
- Lastly the project was delisted by SEIAA, MP under the MoEF&CC notification dated 14.03.2017.
- Proponent admitted the mistake as soon as they realized the applicability of EIA Notification and immediately filed the application for obtaining environment clearance to SEIAA.
- Application for grant of environment clearance was again submitted to MoEF&CC as per MoEF&CC Notification 804 (E) dated 14.03.2017. Thereafter MoEF&CC has issued amendment SO 1030 dated 8th March, 2018 and has directed that Category B projects involving violation will be appraised at State Level and all the category B proposals will be transferred to SEIAA. In view of this MOEF&CC transferred our project to SEIAA, MP on 28th March, 2018.
- ToR was granted to the project by SEAC/SEIAA, M.P. vide letter no. 203/PS-MS/MPPCB/SEAC/ToR(319)/2018 dated 10/7/2018. EIA for the project was submitted on 31st Jan, 2019.

SALIENT FEATURES

S. No.	Feature	Area-Constructed-sq m	Area to be Constructed-sq m	Area (sq m)
1	Plot Area	26890		
2	Built-up Area	32862.95	25272.386	58135.336
3	Dwelling Units-Group Housing	General = 804 EWS= 57	General = 384 EWS= 0	General = 1188 EWS= 57
4	Project Cost	125 Crores		
5	Population	7471		
6	Water Requirement and	20-30 KLD (Source: Private Water Tankers)		

	Source Construction Operation	886 KLD (Source: Private Water Tankers and Narmada Water Supply Scheme is proposed)		
7	Sewage	755 KLD		
8	STP Capacity (FAB)	900 KLD		
9	RWH Pits	9 pits		
10	Parking	475 ECS		
11	Power Requirement	2627 kVA		
12	Power Back-up	2 X 62 kVA	3 X 62 kVA	5X 62 kVA
13	Solid Waste	3438.8 kg/day		
14	Green Area (10% of net development area)	2524.6 sq m	--	2524.6 sq m
15	Baseline Monitoring	Jan, 2018		

DETAILS OF BLOCKS AND TOWERS

Block	Total No of Towers	No of Towers Constructed	No. of Floors	Total No of DU Planned	No of DU constructed
Block A	7	7	S+6	588	588
Block B	5	3	S+6	360	216
Block C	2	0	S+6	192	0
Block D	1	0	S+6	48	0
EWS Block	1	0	G+3	57	0
Convenient shopping	1	0	G+M+1	15	0

AREA SUMMARY

S. No.	Particulars	Area-Constructed-sq m	Area to be Constructed-sq m	Area (sq m)
1	Plot Area	26890.0		
2	Road Widening	1643.91		
3	Net Plot Area	25246.08		

4	Permissible Ground Coverage (@33% of net plot area)	8331.21		
5	Achieved Ground Coverage (@32.57% of net plot area)	4554.17	3668.51	8222.68
	Towers	4554.17	3140.112	7694.282
	EWS	0	355.02	355.02
	Convenient shopping	0	173.38	173.38
6	Permissible FAR (@1.5 of net plot area)	37869.13		
7	Incentive FAR for road and balcony	9211.81		
8	Total Permissible FAR (6+7)	47080.94		
9	Proposed FAR	25775.46	18439.46	44214.92
	Towers	25775.46	16631.55	42407.01
	EWS	0	1420.10	1420.10
	Convenient shopping	0	387.81	387.81
10	Stilt Area	4554.17	3140.112	7694.282
11	Non FAR in towers/blocks	2063.32	3612.814	5676.134
12	Services & Machine Room	470	80	550
13	Built-up Area (9+10+11+12)	32862.95	25272.386	58135.336
14	Green Area (Soft + hard) (@10% of plot area)	2524.6	0	2524.6
15	Green Area (Soft + hard) (@10% of plot area)	2524.6	0	2524.6
16	No of dwelling units-General	804	348	1152
17	No of dwelling units-EWS	57	0	57
18	Max. Height of the building (m) (for 6 floor)	18	18	18

WATER REQUIREMENT

- Total water requirement = 886 KLD
- Domestic water requirement = 878 KLD
- Horticulture water requirement = 8 KLD
- Source: Private Water Tanker

SEWAGE MANAGEMENT

- Sewage generation : 755 KLD
- STP Capacity: 900 (to be installed in modules)
- Dual plumbing system for re-usage of STP treated water for flushing and horticulture.
- It is estimated 604 KLD of water will be recovered after treatment in STP out of which 263 KLD will be used in flushing and 8 KLD in horticulture. and 333 KLD will be disposed off into sewer.
- Remaining 333 KLD of water can be given for construction purpose in nearby areas, irrigation purpose or may be disposed-off to sewer
- Provision of RWH pits away from the STP and sewer manholes
- Separate lines for sewage and storm water management

Total Wastewater from domestic use	755 KLD	80% of fresh + 100% flushing
STP Capacity	900 KLD	A STP of 20 % higher capacity of 500 KLD shall be provided.
STP Treated Water	604 KLD	at 80 % of sewage
STP Treated Water re-use		
Flushing	263 KLD	

Landscaping	8 KLD
Sewer	333 KLD

GREEN AREA AND SPECIES TO BE PLANTED

It is proposed that area of 2524.6 sq. m. will be kept under greens which are app. 10% of the total plot area.

PP further stated about Budget for Environmental Cost:

Cost Incurred for Environment Management till Date During Construction and Operation Phases:

S. No.	Particulars	Budget (INR)	Status
Construction Period: 2 years/730 days (For constructed area)			
1.	Air Environment	9,03,000	Already incurred completely
	• Water sprinkling: At loading & unloading areas, internal temporary roads (@ 1 tankers/week) @ INR 600 Rs for 15000 litre tanker: 490 days excluding monsoon in 2 years of construction	42,000	
	• Sprinkling Nozzle: 5 nozzles (@ INR 500)	3000	
	• Booster pump of 1 HP	5500	
	• Water pipeline (hose)-100 m of 3-4 in. dia.	5000	
	• Water Tank (3 nos of 5000 liters = INR 20,000)	60000	
	• Labour Cost	Inclusive in salary of construction labour	
	• Covered Loose Material storage sheds with paved surface and tarpaulin sheets	50,000	
	• Green Nets for Building (@INR 15/sq m): 6500 sq m		
	• Wind breakers/ Site barricading- 800 m for 10 feet height (@INR 800 /rmt -10 feet)	97,500	

		6,40,000	
2.	<p>Construction Waste Management</p> <ul style="list-style-type: none"> Dustbins (@ INR 2000 for 20 dustbins) Labour Cost Safety tapes for barricading the waste storage area Agencies' fee for waste collection & disposal- 2 years 	<p>1,95,000</p> <p>40,000</p> <p>Inclusive in salary of construction labour</p> <p>5,000</p> <p>1,50,000</p>	Already incurred completely
3.	<p>Noise Management</p> <ul style="list-style-type: none"> Site barricading- 800 m for 10 feet height (@INR 800 /rmt - 10 feet) Machinery with inbuilt silencers/noise mufflers No working between 8:00 PM to 9:00 AM 	<p>Nil</p> <p>6,40,000 (considered in air environment)</p> <p>Cost included in construction machinery</p> <p>No cost</p>	Already incurred completely
4.	<p>Water Quality Management</p> <ul style="list-style-type: none"> Toilets-2 nos. and cost of septic Tank & soak Pit Toilet maintenance and cleaning Sand bags for controlling & diverting the curing flow and rainfall flow and minimizing silt generation STP of 550 KLD constructed for operation phase sewage management Construction of RWH Pits-5 nos and storm water drains 	<p>99,90,000</p> <p>2,00,000</p> <p>30,000</p> <p>10,000</p> <p>82,50,000</p> <p>15,00,000</p>	Already incurred completely
5.	<p>Occupational Health and Safety of construction worker</p> <ul style="list-style-type: none"> First aid kits at site Personal Protective 	<p>2,70,000</p> <p>20,000</p> <p>2,00,000</p>	Already incurred completely

	<p>equipment-helmet, safety shoes & safety jackets</p> <ul style="list-style-type: none"> • Medical aids as and when required to construction labour 	50,000	
6.	<p>Ecological Environment</p> <ul style="list-style-type: none"> • Development of Green Area (2524.6 sq m) and tree plantation. This includes peripheral plantation, road side plantation, lawn, trees planted and planters provided • No tree was cut as site was devoid of trees 	<p>15,00,000</p> <p>15,00,000</p>	Already incurred completely
7.	<p>Disaster Management</p> <ul style="list-style-type: none"> • Earthquake resistant structure as per NBC Requirement • Fire-fighting system as per NBC and Local fire office requirement and obtained fire NOC 	Cost included in construction cost	Already incurred completely
A. Cost Incurred during Construction Phase of Existing Structures			1,28,58,000
Construction Period: 2 years/730 days (For Remaining area)			
8.	<p>Air Environment</p> <ul style="list-style-type: none"> • Water sprinkling: At loading & unloading areas, internal temporary roads (@ 1 tankers/week) @ INR 600 Rs for 15000 litre tanker: 490 days excluding monsoon in 2 years of construction • Green Nets for Building (@INR 15/sq m): 6500 sq m • Air masks (@INR 100-100 Pcs) • Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site • Vehicle inspection camp (@INR 20,000/yr for 2 years) 	<p>2,09,500</p> <p>42,000</p> <p>97,500</p> <p>10,000</p> <p>20,000</p> <p>40,000</p>	To be Incurred
9.	<p>Noise Environment</p> <ul style="list-style-type: none"> • Ear Plugs (@ INR 50 -100 Pc) • Noise Monitoring (once in six 	<p>13,000</p> <p>5,000</p>	To be Incurred

	months for 24 hourly at 2 locations within site) @ INR 1000 per sample	8,000	
10.	Construction Waste Management <ul style="list-style-type: none"> Labour Cost Agencies' fee for waste collection & disposal- 2 years 	1,50,000 Inclusive in salary of construction labour 1,50,000	To be Incurred
11.	Water Quality Management <ul style="list-style-type: none"> Toilet maintenance and cleaning STP of 350 KLD constructed for operation phase sewage management Construction of RWH Pits-4 nos and storm water drains Water Quality Monitoring at project site (once in six months) @ INR 5000/sample 	65,00,000 30,000 52,50,000 12,00,000 20,000	Already incurred completely
12.	Disaster Management <ul style="list-style-type: none"> Earthquake resistant structure as per NBC Requirement Fire-fighting system as per NBC and Local fire office requirement and obtained fire NOC 	Cost included in construction cost	To be incurred
13.	Soil Environment <ul style="list-style-type: none"> Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site 	20,000	To be Incurred
B. Cost to be Incurred during Construction Phase of Remaining Structures			68,92,500
Operation Phase- 2 Years (Already incurred for the project area developed)			
S. No.	Activity	Expenditure Incurred (2 years period)	Status
1.	Operation Phase Waste Management <ul style="list-style-type: none"> Dustbins for common areas- 20 nos. @ INR 3000 + recurring cost Municipal Authority for Waste management (@ 0.3 p/kg) STP sludge disposal through municipal authority (@ INR 3500 PM for 2 years) 	2,90,000 60,000 + 6000 = 66,000 7,60,000	Already Incurred Completely

		84,000	
2.	Operation Phase Water Quality Management <ul style="list-style-type: none"> • STP operation and maintenance and treated water quality monitoring by agency (15000/- PM) • Water supply network maintenance & cleaning (AMC @ 20,000 every six months for 2 years) • Maintenance & cleaning of RWH system (AMC @ 30,000 every six months for 2 years) 	9,12,000 3,60,000 80,000 1,20,000	Already incurred completely
3.	Green Area Maintenance Maintenance of Green Area (2524.6 sq m) and trees planted (salary + expenditure on green area maintenance)	8,00,000	Already incurred completely
C. Cost Incurred Till Date During operation Phase			20,02,000
D. In addition to this proponent has also paid the fine imposed by CMJ court as per credible action taken by MPPCB against the project on directions of SEIAA, M.P. and project was already visited by SEAC and approved for recommendation to SEIAA after confirm all the environmental requirements			
INR = 2,50,000			
Total Cost Incurred towards environment protection (A+C+D) = 1,52,07,500			
Cost To be Incurred for environment protection for Remaining Structures = 68,92,500			

Cost Incurred for Community Resources Improvement and Management-Every Year (This cost will also be incurred every year in future also for community benefit by the proponent)

Activity	Cost Incurred Annually	Cost Incurred Till Date (2014-2018)
Community Feast (Bhandara) on Ashtami, Holi and Ganesh Utsav in the housing project	2 Lakhs	10 Lakh
Organising Pandals during Nav Durga and Ganesh Utsav Within Society	1.5 Lakh	7.5 Lakhs
Dental/Medical Awareness Camps	25000	1.25 Lakh
Activity Classes for Kids and Self Defence for Women	30000	1.5 Lakh
Free Health Check-up Camps for	30000	1.5 Lakh

Children and Senior Citizen		
Total	4.35 Lakhs	21.75 Lakhs

Cost Incurred for Natural Resources Improvement

	Cost Incurred	Time of Implementation
Improvement of the gardens and tree plantation area and Tree Plantation (200 NOS) within the site even after hand over to RWA	2 LAKHS	2018-2019 (Pre-monsoon period)

Cost Not Considered during construction and operation and will be proposed as remediation cost

Construction Phase	
Air Environment	70,000
<ul style="list-style-type: none"> Air masks (@INR 100-100 Pcs) Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site Vehicle inspection camp (@INR 20,000/yr for 2 years) 	10,000 20,000 40,000
Noise Environment	13,000
<ul style="list-style-type: none"> Ear Plugs (@ INR 50 -100 Pc) Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample 	5,000 8,000
Water Environment	20,000
<ul style="list-style-type: none"> Water Quality Monitoring at project site (once in six months) @ INR 5000/sample 	
Soil Environment	20,000
<ul style="list-style-type: none"> Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site 	
Total Construction Phase	1,23,000
Operation Phase	
<ul style="list-style-type: none"> Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site 	20,000
<ul style="list-style-type: none"> Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample 	8,000
<ul style="list-style-type: none"> Water Quality Monitoring at project site (once in six months) @ INR 5000/sample 	20,000
<ul style="list-style-type: none"> Soil Quality Monitoring (twice in year for 2 	20,000

years) @ INR 5000 at project site	
Total Operation Phase	68,000
Total	1,91,000

Costs which have not been incurred till date will be spent now for community and natural resources management. Proposed community and natural resources management budget is given below

Proposed Natural resources Management Budget		
Proposed Activity	Budget	Time of Implementation
<ul style="list-style-type: none"> Augmentation of Abandoned wells as recharge structure within the project site-1 no 	10,000	2019-2020
<ul style="list-style-type: none"> Augmentation of abandoned wells in village as recharge structures-2 nos 	20,000	2019-2020
Community Resources Augmentation		
<ul style="list-style-type: none"> Improvement of Village Temple (Shiv Mandir) 	70,000	2019-2020
<ul style="list-style-type: none"> Renovation of toilets and provision of 1 no of drinking water coolers in village 	1,00,000	2019-2021
Total Budget	2 Lakhs	2019-2021
Community Benefits (Incurred annually)		
<ul style="list-style-type: none"> For Welfare of Residents of the Project site through religious and development activities 	4.35 lakhs/year	Every year from 2019

After presentation and discussions it was observed by the committee that the remediation plan and natural community resource augmentation plan submitted by PP needs to be revised as suggested by committee. PP was asked to submit following information:

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. Copy of order passed by H'ble court under EPA act 1986.
 3. Utilization- wise Land Use details as per approved T& CPO Plan.
 4. Proof of land ownership.
 5. Commitment of PP regarding no tree felling is being done, no GW extraction.
 6. Land distribution (R&R etc.).
 7. Water supply NOC from Gram Sabha.
 8. Rain water balance chart.
 9. Mass balance chart of solid waste during construction and operation stage.
 10. Proposed Energy conservation plan.
 11. Parking details as per norms, dust suppression details etc.
 12. Commitment regarding automatic smoke detection installation in the community hall.
2. **Case No. - 5688/2018 Shri Kailash Singh Raguwanshi, Partner M/s. Siddhi Vinayak Developers, FF-29,30, Shekhar Villa, Village- Pipaliya Kumar, Indore (M.P.) – 452005 Prior Environment Clearance for Development of Phase I of Group Housing Project “Maple Woods” at Khasra No. 41/1, 41/2, 43, 56, 57, 58, 59, 60, 61/2, and 92, Village – Pipaliya Kumar (M.P.) Plot Area – 63410 sqm. Net Plot Area – 56018 sqm., Built-up Area- 143709.45 sqm. Built-up Area Constructed – 46336.22 sqm. Cat. - 8(a) Building and Construction Projects. FoR – Building Construction. Env. Con. – Env. Con. – EQMS, Delhi.**

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

Earlier this case was scheduled in 319th SEAC meeting dated 22/06/2018, 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. During presentation, PP submitted following salient features of the project:

- M/s Siddhivinayak Developers (developer) and M/s Chug Realty Pvt. Ltd. and M/s Chug Infrastructure Pvt. Ltd. (land owners) has planned and developed group housing project

“Maple Woods” located at Village Piplya Kumar, Taluka Indore, District Indore, Madhya Pradesh.

- Project site is spread over area of 63410 sq m (6.341 ha). Project comprises of development of 19 residential towers, 2 EWS towers and one club along with other allied facilities.
- The project is planned in 2 phases in which 15 towers are planned and developed in phase 1 and remaining 7 will be developed in phase 2. This application is made for obtaining environmental clearance for phase 1 only. Out of 15 towers of phase I only four towers are constructed till date.
- Permission was obtained from T&CP, M.P., Gram Panchayat Pipaliya Kumar and Indore Municipal Corporation in 2010 and 2012 for project development.

CHRONOLOGY AND DETAILS OF VIOLATION

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

- In 211th SEIAA meeting, SEIAA recommended to return the project to SEAC to carry out site visit and submit the report. Again the project was taken up in 227th SEIAA meeting held on 14th August, 2015 and was kept in abeyance as per NGT order dated 07.07.2015 regarding violation cases, Project was then taken up in 274th SEIAA meeting on 23rd December, 2015 and SEIAA asked SEAC to undertake the site visit and submit report on given points

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 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.

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, PN2.5, 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 22/01/2019 which was forwarded through SEIAA vide letter no. 2093 dated 31/01/2019 which was placed before committee.

The case was scheduled for the EIA presentation in 345th SEAC meeting dated 21/02/2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings of SEAC.

In this meeting the EIA incorporating remediation plan and natural community resource augmentation plan was presented by the PP and their consultant.

The salient features of the project area as:

- M/s Siddhivinayak Developers (developer) and M/s Chug Realty Pvt. Ltd. and M/s Chug Infrastructure Pvt. Ltd. (land owners) has planned and developed group housing project “Maple Woods” located at Village Piplya Kumar, Taluka Indore, District Indore, Madhya Pradesh.
- Project site is spread over area of 63410 sq m (6.341 ha). Project comprises of development of 19 residential towers, 2 EWS towers and one club along with other allied facilities.
- The project is planned in 2 phases in which 15 towers are planned and developed in phase 1 and remaining 7 will be developed in phase 2. This application is made for obtaining environmental clearance for phase 1 only. Out of 15 towers of phase I only four towers are constructed till date
- Permission was obtained from T&CP, M.P., Gram Panchayat Pipaliya Kumar and Indore Municipal Corporation in 2010 and 2012 for project development

Chronology And Details of Violation

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

1. Name of the project & its location:

Development of Phase I of Group Housing Project “Maple Woods” at Village Pipaliya Kumar, Indore, M.P.

2. **Name of the Company:** M/s Siddhi Vinayak Developers
Address: FF-29,30 Shekhar Villa, Village Piplya Kumar, Indore - 452005
Tele No.: 9827038821
3. **Latitude and Longitude of the project:** 22°46'10.76"N & 75°54'55.75"E
4. **If a Joint venture, the names & addresses of the JV partners including their share.**
Name of the Company: M/s Chugh Realty Pvt. Ltd.
Address: 503, Orbit, A.B. Road, Indore (M.P.)
Share: 22.87 %
AND
Name of the Company: M/s Chugh Infrastructure Pvt. Ltd.
Address: 503, Orbit, A.B. Road, Indore (M.P.)
Share: 16.13 %
AND
Name of the Company: M/s Siddhi Vinayak Developers
Address: FF-29,30 Shekhar Villa, Village Piplya Kumar, Indore – 452005
Share: 61 %

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

Total area: Total plot area of project is 63410 sq m

Net Plot Area: 56018 sq m

Total Built up area of the project: 143709.45 m²

Built up area constructed: 46336.22 m²

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

Connectivity to the site: Site is well connected with rail and roads network. A 30 m wide master plan road abuts the project site in west direction which is at the entrance of the project site. Also 18 m wide master plan abuts the project site in south direction.

Water Requirement: Total water requirement for the project is approx. 931 KLD

Sewage Generation:753 KLD

STP Capacity: 900 KLD (For the project 900 KLD STP is required. STP of 250 KLD is already installed at the site.)

Municipal waste generation:During operation phase, it is estimated that approx. 3426.2 kg per day is generated from project site.

6. Cost of the project:INR 150 Crores

7. Whether the project is in Critically Polluted area: No, Indore was declared as critically polluted area in March, 2010 and moratorium was imposed by MoEF&CC for consideration of projects for environment clearance in Indore. However moratorium was lifted in October, 2010.

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

For the first time appraisal by EAC: First EC Presentation will held on 15.03.2019

(i) **Date of ToR:** 10.07.2018 (ToR Presentation held on 22.06.2018)

(ii) **Date of Public Hearing, location:** Not Applicable

(iii) **Major issues raised during PH and response of PP:** Not Applicable

a) Second appraisal

(iv) **Date of first /earlier appraisal:** Not Applicable

(v) **Details of the information sought by the EAC with the response of the PP:** Not Applicable

9. If the project involves diversion of forest land (i) extend of the forest land (ii) status of forest clearance.

Not Applicable

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

(i) **Name of eco- sensitive area and distance from the project site:**

No

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

11. Waste Management

(i) **Water requirement:** Total water requirement for the proposed project is approx. 931 KLD, Total fresh water requirement for the project is approx. 621 KLD.

Source: Currently source of water is private water tanker. Narmada water supply scheme is in proposal for establishment in area by Indore Municipal Corporation.

Status of clearance: Assurance has been obtained from the IMC for supply of Narmada water for project.

- (ii) **Waste water quantity:** Sewage Generation 753 KLD
Treatment capacity: For the project 900 KLD STP is required. STP of 250 KLD is already installed at the site.
- (iii) **Recycling / reuse of treated water and disposal:** Flushing-262 KLD, Landscaping- 48 KLD, Construction in nearby areas/road washing/sewer- 292 KLD.
- (iv) **Solid Waste Management**
Collection and Segregation of waste
– Twin color dustbins are provided in the common green areas for collection of recyclable and non-recyclable waste
– Residents are also advised to adopt the twin color bins system
– Door to door waste collection system are provided for collection of waste from each facility proposed through local agencies
– Waste storage area is provided within the site for temporary collection of the waste
Disposal
– Recyclable waste is sold off to the authorized vendors
– Non-recyclable waste is disposed-off to the dumping site by local agency in the area responsible for waste management
- (v) **Hazardous Waste Management:** Used oil from DG sets is sold to authorized vendors

12. Other details

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

(ii) **Details of water bodies, impact on drainage if any:** No impact on drainage is involved.

Details of water bodies around the project site are given below:

- Pond (1.4 km, N)
- Drain (80 m, W)

(iii) **Details of tree cutting:** Not Applicable

(iv) **Energy conservation measures with estimated saving:** Estimated saving estimated is 916 kVA. Effective measures have been incorporated to minimize the energy consumption in following manners:

- Energy efficient lifts installed at the site
- All the electrical fittings and lighting is 5 BEE star rated
- CFL/LED lights are used for internal lighting
- Solar lights are used for lighting in common area.
- Usage of low energy embodied locally available construction material. Usage of fly ash bricks, hollow bricks and fly ash mix cement for construction purpose. Usage of excavated soil and construction debris within the project site as filling material
- Green belt and greenery developed around the project periphery
- Usage of AAC blocks in building construction
- Painting wall with white/light color heat reflecting paint
- Common lights are shut down to 50% after 10:pm when traffic movement is drastically reduced

(v) Green belt development (20 % of construction projects and 33 % for others): Total area measuring 11500m² i.e. 20.5% of the net plot area is planned to be kept under green cover. Out of the total green area, approx. 2500 sq m has been developed.

(vi) Parking requirement with provision made:

Parking Required- 999 ECS as per MPBVN

Parking Provided: Basement Parking: 619 ECS

Stilt parking: 264 ECS

Open Parking: 116 ECS

13. If the project involves foreshore facilities: Not Applicable

(i) Shoreline study: NA

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

(iii) Reclamation: NA

(iv) Cargo handling with dust control measures: NA

(v) Oil Spill Contingent Management Plan:NA

14. If the project involves Marine disposal (i) NOC from PCB in case of marine disposal (ii) details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters 9 (iii) location of intake / outfall. Quantity, (iv) detail of monitoring at outfall (v) Any other relevant information :Not Applicable

15. Other information:

(i) Investment/Cost of the project is INR150Crores

(ii) Employment potential: Direct Employment:619

(iii) Benefits of the project: World Class residing facilities for people,
Employment Generation,

Green area

16. Date of Ground water clearance: Not Applicable

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

Estimated EMP budget for Operational Phase

S. No.	Activity	Capacity/ Area/Nos./parameters	Capital Cost (Lacs)	Annual Recurring Cost (Lacs)
1.	STP	900 KLD	180	3.0
2.	Landscaping & planting trees	11500 sq m	15.0	3.5
3.	Solid waste Management	3426.2	6.0	5.0
4.	RWH Pit Installation	5	15.0	3.0
5.	Energy Saving	26.2%	15.0	5.0
6.	Environmental Monitoring*	Air, water, soil and noise	2.0	4.0
Total			233	23.5

*Actual costs incurred are provided in the damage assessment report

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

Approx. 700 trees have been planted at the site. Species planted at the site are palms, *Persea American*, *Photinia japonica*, *Pithocolobiumsaman*, *Psidium gujava*, *Polyalthialongifolia*, *Nyctanthusarbortristis*, *Punicagranatum* and *Nyctanthusarbortristis*. Total green area measures 11500 m² i.e. 20.5% of the net plot area is planned to be kept under green cover. Out of the total green area, approx. 2500 sq m has been developed.

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

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

20. Name of Environmental Consultant

EQMS India Pvt Ltd , Sr. No.- 63

In this meeting, PP further stated about Budget for Environmental Cost:

Budget for Environment Management During Construction and Operation Phases

S. No.	Particulars	Budget (INR)	Status
Construction Period: 4 years/1460 days (For constructed area)			
1.	<p>Air Environment</p> <ul style="list-style-type: none"> • Water sprinkling: At loading & unloading areas, internal temporary roads (@ 2 tankers/week) @ INR 600 Rs for 15000 litre tanker: 980 days excluding monsoon in 4 years of construction • Sprinkling Nozzle: 5 nozzles (@ INR 500) • Booster pump of 1 HP • Water pipeline (hose)-100 m of 3-4 in. dia. • Water Tank (6 nos of 5000 liters = INR 20,000) • Labour Cost • Covered Loose Material storage sheds with paved surface and tarpaulin sheets • Green Nets for Building (@INR 15/sq m): 10000 sq m • Wind breakers/ Site barricading- 555 m for 10 feet height (@INR 800 /rmt -10 feet) 	<p>9,65,500</p> <p>1,68,000</p> <p>3,000</p> <p>5,500</p> <p>5,000</p> <p>1,20,000</p> <p>Inclusive in salary of construction labour</p> <p>70,000</p> <p>1,50,000</p> <p>4,44,000</p>	Already incurred completely
2.	<p>Construction Waste Management</p> <ul style="list-style-type: none"> • Dustbins (@ INR 2000 for 20 dustbins) • Labour Cost • Safety tapes for barricading the waste storage area 	<p>3,95,000</p> <p>40,000</p> <p>Inclusive in salary of construction labour</p> <p>5,000</p>	Already incurred completely

	<ul style="list-style-type: none"> Agencies' fee for waste collection & disposal- 4 years 	3,50,000	
3.	<p>Noise Management</p> <ul style="list-style-type: none"> Site barricading- 555 m for 10 feet height (@INR 800 /rmt -10 feet) Machinery with inbuilt silencers/noise mufflers No working between 8:00 PM to 9:00 AM 	<p>Nil 4,44,000 (considered in air environment)</p> <p>Cost included in construction machinery</p> <p>No cost</p>	Already incurred completely
4.	<p>Water Quality Management</p> <ul style="list-style-type: none"> Toilets-2 nos. and cost of septic Tank & soak Pit Toilet maintenance and cleaning Sand bags for controlling & diverting the curing flow and rainfall flow and minimizing silt generation STP of 250 KLD constructed for operation phase sewage management Construction of RWH Pits-2 nos and storm water drains 	<p>58,40,000</p> <p>2,00,000</p> <p>30,000</p> <p>10,000</p> <p>50,00,000</p> <p>6,00,000</p>	Already incurred completely
5.	<p>Occupational Health and Safety of construction worker</p> <ul style="list-style-type: none"> First aid kits at site Personal Protective equipment-helmet, safety shoes & safety jackets Medical aids as and when required to construction labour 	<p>2,70,000</p> <p>20,000</p> <p>2,00,000</p> <p>50,000</p>	Already incurred completely
6.	<p>Ecological Environment</p> <ul style="list-style-type: none"> Development of Green Area (2500 sq 	<p>3,26,000</p> <p>3,26,000</p>	Already incurred completely

	<p>m) and tree plantation. This includes peripheral plantation, road side plantation, lawn, trees planted and planters provided</p> <ul style="list-style-type: none"> No tree was cut as site was devoid of trees 		
7.	<p>Disaster Management</p> <ul style="list-style-type: none"> Earthquake resistant structure as per NBC Requirement Fire-fighting system as per NBC and Local fire office requirement and obtained fire NOC 	Cost included in construction cost	Already incurred completely
E. Cost Incurred during Construction Phase of Existing Structures			77,96,500
Construction Period: 4 years/1460 days (For Remaining area)			
8.	<p>Air Environment</p> <ul style="list-style-type: none"> Water sprinkling: At loading & unloading areas, internal temporary roads (@ 2 tankers/week) @ INR 600 Rs for 15000 litre tanker: 980 days excluding monsoon in 4 years of construction Green Nets for Building (@INR 15/sq m): 18000 sq m Wind breakers/ Site barricading- 600 m for 10 feet height (@INR 800 /rmt -10 feet) Air masks (@INR 100-100 Pcs) Air Quality Monitoring every six-monthly during construction (twice in year for 4 years) @ INR 5000 at project site Vehicle inspection camp (@INR 20,000/yr for 4 years) 	<p>10,48,000</p> <p>1,68,000</p> <p>2,70,000</p> <p>4,80,000</p> <p>10,000</p> <p>40,000</p> <p>80,000</p>	To be Incurred
9.	Noise Environment	21,000	To be Incurred

	<ul style="list-style-type: none"> • Ear Plugs (@ INR 50 - 100 Pc) • Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample for 4 years 	5,000 16,000	
10.	Construction Waste Management <ul style="list-style-type: none"> • Labour Cost • Agencies' fee for waste collection & disposal- 4 years 	3,50,000 Inclusive in salary of construction labour 3,50,000	To be Incurred
11.	Water Quality Management <ul style="list-style-type: none"> • Toilets-2 nos. and cost of septic Tank & soak Pit • Toilet maintenance and cleaning • STP of 650 KLD constructed for operation phase sewage management • Construction of RWH Pits-3 nos and storm water drains • Water Quality Monitoring at project site (once in six months) @ INR 5000/sample for 4 years 	1,41,70,000 2,00,000 30,000 1,30,00,000 9,00,000 40,000	Already incurred completely
12.	Soil Environment <ul style="list-style-type: none"> • Soil Quality Monitoring (twice in year for 4 years) @ INR 5000 at project site 	40,000	To be incurred
13.	Disaster Management <ul style="list-style-type: none"> • Earthquake resistant structure as per NBC Requirement • Fire-fighting system as 	Cost included in construction cost	To be incurred

	per NBC and Local fire office requirement and obtained fire NOC		
F. Cost to be Incurred during Construction Phase of Remaining Structures			1,56,29,000
Operation Phase- 1 Year (Already incurred for the project area developed, RWA formed after 1 year)			
S. No.	Activity	Expenditure Incurred (1 year period)	Status
4.	Operation Phase Waste Management <ul style="list-style-type: none"> • Dustbins for common areas-6 nos. @ INR 3000 + recurring cost • Municipal Authority for Waste management (@ 0.3 p/kg) • STP sludge disposal through municipal authority (@ INR 3500 PM for 1 years) 	2,90,000 18,000 50,000 42,000	Already Incurred Completely
5.	Operation Phase Water Quality Management <ul style="list-style-type: none"> • STP operation and maintenance and treated water quality monitoring by agency (15000/- PM) • Water supply network maintenance & cleaning (12000/-PM) • Maintenance & cleaning of RWH system (AMC @ 50,000/Yr) 	9,12,000 2,40,000 1,44,000 50,000	Already incurred completely
6.	Green Area Maintenance Maintenance of Green Area (2500 sq m) and trees planted (salary + expenditure on green area maintenance)	2,50,000	Already incurred completely
G. Cost Incurred Till Date During operation Phase			14,52,000
Total Cost Incurred towards environment protection during construction & operation phase (A+C) = 92,48,500			
Cost To be Incurred for environment protection During Construction of Remaining Structures = 1,56,29,000			

Cost Incurred for Community Resources Improvement and Management

Activity	Cost Incurred (2016-2017)
Renovation of Hanuman Temple on LNG square, M.G. Road	2.5 Lakhs
Total	2.5 Lakhs

Cost Incurred for Natural Resources Improvement

Activity	Cost Incurred Annually	Time of Implementation (2016-2018)
Donation for Maintenance of Colony gardens	1.5 Lakhs/year	4.5 Lakh

Cost Not Considered during construction and operation and will be proposed as remediation cost

Construction Phase of constructed areas (4 years)	
Air Environment	1,30,000
<ul style="list-style-type: none"> Air masks (@INR 100-100 Pcs) Air Quality Monitoring every six-monthly during construction (twice in year for 4 years) @ INR 5000 at project site Vehicle inspection camp (@INR 20,000/yr for 4 years) 	10,000 40,000 80,000
Noise Environment	21,000
<ul style="list-style-type: none"> Ear Plugs (@ INR 50 -100 Pc) Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample for 4 years 	5,000 16,000
Water Environment	40,000
<ul style="list-style-type: none"> Water Quality Monitoring at project site (once in six months) @ INR 5000/sample for 4 years 	
Soil Environment	40,000
<ul style="list-style-type: none"> Soil Quality Monitoring (twice in year for 4 years) @ INR 5000 at project site 	
Total Construction Phase	231000
Operation Phase (1 year as RWA was formed after 1 year)	
<ul style="list-style-type: none"> Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site Noise Monitoring (once in six months 	20,000 8,000

for 24 hourly at 2 locations within site) @ INR 1000 per sample for 2 years	
• Water Quality Monitoring at project site (once in six months) @ INR 5000/sample for 2 years	20,000
• Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site	20,000
Total Operation Phase	68,000
Total	2,99,000

Cost Which has not been incurred till date will be spent now for community and natural resources management. Proposed community and natural resources management budget is given below

Proposed Natural resources Management Budget		
Proposed Activity	Budget	Time of Implementation
• Renovation and improvement of village pond	1,00,000	2020-2021
• Installation of solar lights in community gardens- 5 nos @25000/light	1,25,000	2019-2020
Community Resources Augmentation		
• Improvement of class room in village school	75,000	2019-2020
Total Budget	3 Lakhs	2019-2021
Community Benefits (Incurred annually)		
• For Improvement of Community Gardens	1.5 lakhs/year	Every year from 2016

After presentation and discussions it was observed by the committee that the remediation plan and natural community resource augmentation plan submitted by PP needs to be revised as suggested by committee. PP was asked to submit following information:

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. Copy of order passed by H'ble court under EPA act 1986.

3. Utilization- wise Land Use details as per approved T& CPO Plan.
 4. Proof of land ownership.
 5. Commitment of PP regarding no tree felling is being done, no GW extraction.
 6. Land distribution (R&R etc.).
 7. Water supply NOC from Gram Sabha.
 8. Rain water balance chart.
 9. Mass balance chart of solid waste during construction and operation stage.
 10. Proposed Energy conservation plan.
 11. Parking details as per norms, dust suppression details etc.
 12. Commitment regarding automatic smoke detection installation in the community hall.
3. **Case No. - 5702/2018 M/s Shikhar Housing Development Pvt. Ltd, Khasra No. 79/7, Village - Pipaliyakumar, Nipania Main Road, Indore, MP - 452010. Prior Environment Clearance for Group Housing Project "Balaji Skyz" (Total Plot Area: 25800.0 sqm, Net Development Area : 17,435.38 sqm, Built-up Area: 42,986.92 sqm) Khasra No. - 74/2, 74/3, 76, 78 & 79/4, at Village - Pipaliya Kumar, Tehsil - Indore, Distt. -Indore (M.P.) Cat. - 8(a) Building and Construction Projects. FoR - Building Construction. Env. Con. - Env. Con. - EQMS, Delhi.**

This is case of Prior Environment Clearance for Group Housing Project "Balaji Skyz" (Total Plot Area: 25,800.0 sqm, Net Development Area: 17,435.38 sqm, Built-up Area: 42,986.92 sqm) Khasra No. - 74/2, 74/3, 76, 78 & 79/4, at Village - Pipaliya Kumar, Tehsil - Indore, Distt. -Indore (M.P.) Cat. 8(a) Building and Construction Projects.

Earlier this case was scheduled in 319th SEAC meeting dated 22/06/2018, 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. During presentation, PP submitted following salient features of the project:

- M/s Shikhar Housing Development Pvt. Ltd. has developed a group housing project "Balaji Skyz" at Village Pipaliyakumar, Indore.
- Project site is spread over area of 25,800 sq m (6.38 acres) and have built-up area of 42,986.92 sq m. Presently 17,435 sq m area is developed and rest area is reserved for future development.
- Project falls under activity 8 (a) and Category B of Schedule I of EIA Notification, 2006 as amended

- Project comprises of 4 nos. of residential block (408 Dwelling units), EWS housing (33 Dwelling units), club and small convenient shopping block along with the allied facilities like guard room, electrical room, green area and STP.

DETAILS OF VIOLATION

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

After deliberation, Committee considering the recent GoI, MoEF & CC Notification dated 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.

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, PN2.5, 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 22/01/2019 which was forwarded through SEIAA vide letter no. 2089 dated 31/01/2019 which was placed before committee.

The case was scheduled for the EIA presentation in 345th SEAC meeting dated 21/02/2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings of SEAC.

In this meeting the EIA incorporating remediation plan and natural community resource augmentation plan was presented by the PP and their consultant.

The salient features of the project area as:

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

DETAILS OF VIOLATION / CHRONOLOGY:

- Project is developed without obtaining the environmental clearance due to unawareness of applicability of EIA Notification, 2006 on the project.
- After knowing the applicability, application was submitted to SEIAA, M.P. for obtaining environmental clearance in May, 2013.
- Project was taken up in 138th SEAC, M.P. meeting held on 25.07.2013 and proponent admitted that violation. Project was returned to SEIAA, M.P. and recommended to take action as per MoEF&CC OM dated 12.12.2012.
- Accordingly project was taken up in SEIAA 151st SEIAA, M.P. meeting held on 22.10.2013 and SEIAA, M.P. recommended proponent to submit details as per MoEF&CC OM dated 12.12.2012 and also initiated credible action against the proponent.
- Then SEIAA accorded post-facto approval and forwarded the case to SEAC, M.P for further action in 158th meeting held on 4.09.2014. Project was then discussed in 149th SEAC, M.P. meeting dated 5th September, 2014 and decided to conduct the visit to the site. Project was then taken up in 152nd SEAC meeting held on 20th October, 2014 and SEAC recommended the project for post environment clearance. Project was then discussed in 169th, 174th, 204th, 211th SEIAA meetings. There after NGT order dated 7.7.2015, SEIAA put all the violation cases on abeyance.
- The case was again put on hold after issue of draft MoEF&CC notification for violation cases in 352nd SEIAA Meeting and was closed in 417th SEIAA meeting after issue of final notification of MoEF&CC dated 14.03.2017.
- Application for grant of environment clearance was submitted to MoEF&CC as per MoEF&CC Notification 804 (E) dated 14.03.2017. Thereafter MoEF&CC has issued amendment SO 1030 dated 8th March, 2018 and has directed that Category B projects involving violation will be appraised at State Level and all the category B proposals will be transferred to SEIAA. In view of this MOEF&CC transferred our project to SEIAA, MP on 28th March, 2018.
- ToR was granted to the project by SEAC/SEIAA, M.P. vide letter no. 211/PS-MS/MPPCB/SEAC/TOR(319)/2018 dated 10th Jul, 2018. EIA for the project was submitted on 31st Jan, 2019.

1. Name of the project & its location:

Group Housing Project “Balaji Skyz” at Khasra No. 74/2, 74/3, 76, 78 & 79/4 , Village Pipliyakumar, Tehsil & District Indore, M.P.

2. Name of the Company: M/s Shikhar Housing Development Pvt. Ltd.

Address: Khasra no. 79/4, Village Pipaliyakumar, Nipania Main Road, Indore

Tele No.: 9893033888

E-mail : deepak@balajiindore.com

3. **Latitude and Longitude of the project:** 22° 45.946'N & 75° 55.205'E
4. **If a Joint venture, the names & addresses of the JV partners including their share.**
Not Applicable
5. **Project brief: Nature of proposal (new/expansion,):** New (violation)
Total area: Total plot area of project is 25800 sq m (6.38 acres)
Total Built up area of the project:42,986.92 sq m
Built up area constructed: 42,986.92 sq m
Land use: Site was under Gram Panchayat jurisdiction during development and was later included in Indore Municipal Corporation Area. Land use of the project site is residential as per the Master Plan of Indore, 2021.
Connectivity to the site: Project site is accessible and is well connected via network of rail & road. Project site abuts 30 m road (Nipaniya Road) in South direction and will serve as access road for project site.
Water Requirement: Total water requirement for the proposed project is approx. 330 KLD
Sewage Generation: 267 KLD
STP Capacity: 300 KLD
Municipal waste generation:During operation phase, it is estimated that approx. 1219 kg per dayis generated from project site.
6. **Cost of the project:**INR 94.30 Crores
7. **Whether the project is in Critically Polluted area:** No, Indore was declared as critically polluted area in March, 2010 and moratorium was imposed by MoEF&CC for consideration of projects for environment clearance in Indore. However moratorium was lifted in October, 2010.
8. **If the project is for EC under EIA Notification, 2006**
 - b) **For the first time appraisal by EAC:** First EC Presentation will held on 15.03.2019
 - (i) **Date of ToR:**10.07.2018 (ToR Presentation held on 22.06.2018)
 - (ii) **(ii) Date of Public Hearing, location:** Not Applicable
 - (iii) **(iii) Major issues raised during PH and response of PP:** Not Applicable
 - c) **Second appraisal**
 - (vi) **Date of first /earlier appraisal:** Not Applicable
 - (vii) **Details of the information sought by the EAC with the response of the PP:** Not Applicable
9. **If the project involves diversion of forest land (i) extend of the forest land (ii) status of forest clearance.**

Not Applicable

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

(v) **Name of eco- sensitive area and distance from the project site:**

No

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

11. Waste Management

(vi) **Water requirement:** Total water requirement for the proposed project is approx. 330 KLD, Total fresh water requirement for the project is approx. 222 KLD.

Source: Narmada water supply scheme is in proposal for establishment in area by Indore Municipal Corporation and permission has been taken from IMC to provide Narmada water when the scheme will be completely established. Till the water supply is provided by IMC, ground water is used. Permission for extraction of ground water has been taken.

Status of clearance: Obtained

(vii) **Waste water quantity:** Sewage Generation 267 KLD

Treatment capacity: STP of 300 KLD

(viii) **Recycling / reuse of treated water and disposal:** Flushing-93 KLD, Landscaping- 12 KLD, DG cooling- 1 KLD, Road & Car washing-2 KLD, Sewer- 105 KLD

(ix) **Solid Waste Management**

Collection and Segregation of waste

b. Door to door collection system is provided for collection of domestic waste

c. Residents are advised to adopt two bins system

d. Local vendors are hired for waste collection, management and disposal

e. Separate colored bins for dry recyclables and rejected waste are provided to residents as well as in common and open areas

Disposal

a. Rejected fraction of the waste is collected and disposed by local agencies on daily basis and will be disposed at the locations designated by Indore Municipal Corporation.

b. Recyclable waste and E-waste is sold to authorized vendors

(x) **Hazardous Waste Management:** Used oil from DG sets is sold to authorized vendors

12. Other details

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

(ii) Details of water bodies, impact on drainage if any: No impact on drainage is involved.

Details of water bodies around the project site are given below:

- Khan River (4.0 km, W)
- Saraswati River (4.0 km, SW)

(vii) Details of tree cutting: Not Applicable

(viii) Energy conservation measures with estimated saving: Estimated saving estimated is **276.8 kVA**. Effective measures have been incorporated to minimize the energy consumption in following manners:

- Energy efficient lifts installed at the site
- All the electrical fittings and lighting is 5 BEE star rated
- CFL/LED lights are used for internal lighting
- Solar lights are used for lighting in common area.
- Usage of low energy embodied locally available construction material. Usage of fly ash bricks, hollow bricks and fly ash mix cement for construction purpose. Usage of excavated soil and construction debris within the project site as filling material
- Green belt and greenery developed around the project periphery
- Usage of AAC blocks in building construction
- Painting wall with white/light color heat reflecting paint
- Common lights are shut down to 50% after 10:pm when traffic movement is drastically reduced

(ix) Green belt development (20 % of construction projects and 33 % for others): Total green area measures 3870 m² i.e. 22.2% of the net development area is planned to be kept under green cover.

(vi) Parking requirement with provision made:

Parking Required- 302 ECS as per MPBVN

Parking Provided: Basement Parking: 126 ECS

Stilt parking: 169 EC, Open/Surface parking: 7 ECS

13. If the project involves foreshore facilities

(i) Shoreline study: Not Applicable

(ii) Dredging details, disposal of dredge material: Dredging is not involved.

- (iii) **Reclamation:** No reclamation work required.
- (iv) **Cargo handling with dust control measures**
- (v) **Oil Spill Contingent Management Plan:** Not Applicable

14. If the project involves Marine disposal (i) NOC from PCB in case of marine disposal (ii) details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters 9 (iii) location of intake / outfall. Quantity, (iv) detail of monitoring at outfall (v) Any other relevant information :Not Applicable

15. Other information:

- (i) **Investment/Cost of the project is INR 94.30Crore**
- (ii) **Employment potential:** Direct Employment: 221
- (iii) **Benefits of the project:** World Class residing facilities for people,
Employment Generation,
Green area will be developed.

16. Date of Ground water clearance:11 Feb, 2016

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

Estimated EMP budget for Operational Phase

S. No.	Activity	Capacity/ Area/Nos./parameters	Capital Cost (Lacs)	Annual Recurring Cost (Lacs)
1.	STP	300 KLD	45	5
2.	Landscaping & planting trees	3870 sq m	15	4
3.	Solid waste Management	Municipal waste-1219 kg/day	5	5
4.	RWH Pit Installation	8 pits	24	5
5.	Energy Saving	9.2%	7	2
6.	Environmental Monitoring*	Air, water, soil and noise	2	2
Total			98	23

***Actual costs incurred are provided in the damage assessment report**

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

Approx. 316 trees have been planted at the site. Species planted at the site are palms, *Persea American*, *Photinia japonica*, *Pithocolobiumsaman*, *Psidium gujava*, *Polyalthialongifolia*, *Nyctanthusarbortristis*, *Punicagranatum* and *Nyctanthusarbortristis*. Total green area measures 3870 m² i.e. 22% of the net development area is planned to be kept under green cover.

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

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

20. Name of Environmental Consultant

EQMS India Pvt Ltd Sr. 63

In this meeting PP further stated about Budget for Environmental Cost:

Cost Incurred for Environment Management till Date During Construction and Operation Phases

S. No.	Particulars	Budget (INR)	Status
Construction Period: 2 years/730 days (2012-2014)			
14.	Air Environment	8,13,812	Already incurred
	• Water sprinkling: At loading & unloading areas, internal temporary roads (@ 1 tankers/week) @ INR 600 Rs for 15000 litre tanker: 490 days excluding monsoon in 2 years of construction	42,000	completely
	• Sprinkling Nozzle: 5 nozzles (@ INR 500)	3000	
	• Booster pump of 1 HP	5500	
	• Water pipeline (hose)-100 m of 3-4 inch dia.	5000	
	• Water Tank (3 nos of 5000 liters = INR 20,000)	60000	
	• Labour Cost	Inclusive in salary of construction labour	
	• Covered Loose Material storage sheds with paved surface and tarpaulin	50,000	

	<p>sheets</p> <ul style="list-style-type: none"> Green Nets for Building (@INR 15/sq m): 13000 sq m Wind breakers/ Site barricading- 515 m for 10 feet height (@INR 800 /rmt -10 feet) 	<p>1,95,000</p> <p>4,43,312</p>	
15.	<p>Construction Waste Management</p> <ul style="list-style-type: none"> Dustbins (@ INR 2000 for 20 dustbins) Labour Cost Safety tapes for barricading the waste storage area Agencies' fee for waste collection & disposal- 2 years 	<p>2,95,000</p> <p>40,000</p> <p>Inclusive in salary of construction labour 5,000</p> <p>2,50,000</p>	Already incurred completely
16.	<p>Noise Management</p> <ul style="list-style-type: none"> Site barricading- 515 m for 10 feet height (@INR 800 /rmt -10 feet) Machinery with inbuilt silencers/noise mufflers No working between 8:00 PM to 9:00 AM 	<p>Nil</p> <p>4,43,312 (considered in air environment)</p> <p>Cost included in construction machinery</p> <p>No cost</p>	Already incurred completely
17.	<p>Water Quality Management</p> <ul style="list-style-type: none"> Toilets-2 nos. and cost of septic Tank & soak Pit Toilet maintenance and cleaning Sand bags for controlling & diverting the curing flow and rainfall flow and minimizing silt generation STP of 300 KLD constructed for operation phase sewage management Construction of RWH Pits-8 nos and storm 	<p>71,40,000</p> <p>2,00,000</p> <p>30,000</p> <p>10,000</p> <p>45,00,000</p> <p>24,00,000</p>	Already incurred completely

	water drains		
18.	Occupational Health and Safety of construction worker <ul style="list-style-type: none"> • First aid kits at site • Personal Protective equipment-helmet, safety shoes & safety jackets • Medical aids as and when required to construction labour 	2,70,000 20,000 2,00,000 50,000	Already incurred completely
19.	Ecological Environment <ul style="list-style-type: none"> • Development of Green Area (3870 sq m) and tree plantation. This includes peripheral plantation, road side plantation, lawn, trees planted and planters provided • No tree was cut as site was devoid of trees 	15,00,000 15,00,000	Already incurred completely
20.	Disaster Management <ul style="list-style-type: none"> • Earthquake resistant structure as per NBC Requirement • Fire-fighting system as per NBC and Local fire office requirement and obtained fire NOC 	Cost included in construction cost	Already incurred completely
H. Cost Incurred during Construction Phase			1,00,18,812
Operation Phase-Project is handed over to RWA			
S. No.	Activity	Expenditure incurred till date by Proponent (3 years period) 2014-2017	Status
7.	Operation Phase Waste Management <ul style="list-style-type: none"> • Dustbins for common areas-20 nos. @ INR 3000 + recurring cost • Municipal Authority for Waste management (@ 0.3 p/kg) • STP sludge disposal through municipal authority (@ INR 3500 PM for 5 years) 	595000 60,000 +9000 = 69,000 4,00,000 1,26,000	Already incurred completely

8.	Operation Phase Water Quality Management <ul style="list-style-type: none"> • STP operation and maintenance and treated water quality monitoring by agency • Water supply network maintenance & cleaning (@ 30,000 once in 6 months for 3 years) • Maintenance & cleaning of RWH system (@ 20,000 once in 1 year for 3 years) 	9,60,000 7,20,000 1,80,000 60,000	Already incurred completely
9.	Green Area Maintenance Maintenance of Green Area (3870 sq m) and trees planted (salary + expenditure on green area maintenance)	5,34,000	Already incurred completely
I. Cost Incurred Till Date During operation Phase			20,89,000
J. In addition to this proponent has also paid the fine imposed by CMJ court as per credible action taken by MPPCB against the project on directions of SEIAA, M.P. and project was already visited by SEAC and approved for recommendation to SEIAA after confirm all the environmental requirements			
INR = 50,000 X 6 = 3,00,000			
Total Cost towards environment protection (A+B+C) = 1,24,07,812			

Cost Incurred for Community Resources Improvement and Management

Activity	Cost Incurred
Development of CC Road from Devasana ring Road Wine Shop Chauraha to Project site	1,06,31,758.07
Development of Greenery along the road on both side of the road developed from Devasana ring Road Wine Shop Chauraha to Project site	3,12,725
Street Lights on the road on both side of the road developed from Devasana ring Road Wine Shop Chauraha to Project site	3,22,240
Development of Green Area on divider of MR-10 from Radisson Square to Star Chauraha	81,800
Donation to M.Y. Hospital	1,57,000
Donation to Ganpati Temple, Khajrana	1,00,000
Donation to Ahilya Mata Gaushala, Rajendra Nagar	55,100
Donation to Divya Manav Jyoti Orphanage	1500

Donation to Vanbandhu Parishad-Friends of Tribal Society	20,000
Total	1,16,82,123.07

Cost Not Considered during construction and operation and will be proposed as remediation cost

Construction Phase	
Air Environment	70,000
<ul style="list-style-type: none"> Air masks (@INR 100-100 Pcs) 	10,000
<ul style="list-style-type: none"> Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site 	20,000
<ul style="list-style-type: none"> Vehicle inspection camp (@INR 20,000/yr for 2 years) 	40,000
Noise Environment	13,000
<ul style="list-style-type: none"> Ear Plugs (@ INR 50 -100 Pc) 	5,000
<ul style="list-style-type: none"> Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample 	8,000
Water Environment	20,000
<ul style="list-style-type: none"> Water Quality Monitoring at project site (once in six months) @ INR 5000/sample 	
Soil Environment	20,000
<ul style="list-style-type: none"> Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site 	
Total Construction Phase	1,23,000
Operation Phase	
<ul style="list-style-type: none"> Air Quality Monitoring every six-monthly during construction (twice in year for 3 years) @ INR 5000 at project site 	30,000
<ul style="list-style-type: none"> Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample for 3 years 	12,000
<ul style="list-style-type: none"> Water Quality Monitoring at project site (once in six months) @ INR 5000/sample for 3 years 	30,000
<ul style="list-style-type: none"> Soil Quality Monitoring (twice in year for 3 years) @ INR 5000 at project site 	30,000
Total Operation Phase	1,02,000
Total	2,25,000

Cost Which has not been incurred till date will be spent now for community and natural resources management. Proposed community and natural resources management budget is given below

Proposed Natural resources Management Budget		
Proposed Activity	Budget	Time of Implementation
• Augmentation of Abandoned wells at village Pipaliya Kumar and Nipaniya-5 nos. @ INR 10,000	50,000	2019-2020
• Installation of solar street lights in village school (5 nos.) @ INR 25,000	1,25,000	2019-2020
• Improvement of Community Park	50,000	2019-2020
Total Budget	2,25,000	2019-2020

After presentation and discussions it was observed by the committee that the remediation plan and natural community resource augmentation plan submitted by PP needs to be revised as suggested by committee. PP was asked to submit following information:

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. Copy of order passed by H'ble court under EPA act 1986.
 3. Utilization- wise Land Use details as per approved T& CPO Plan.
 4. Proof of land ownership.
 5. Commitment of PP regarding no tree felling is being done, no GW extraction.
 6. Land distribution (R&R etc.).
 7. Water supply NOC from Gram Sabha.
 8. Rain water balance chart.
 9. Mass balance chart of solid waste during construction and operation stage.
 10. Proposed Energy conservation plan.
 11. Parking details as per norms, dust suppression details etc.
 12. Commitment regarding automatic smoke detection installation in the community hall.
4. **Case No. - 5716/2018 Shri Neeraj Sachdev, Director, M/s Skye Earth Development Pvt. Ltd, Near Bombay Hospital, 32/2/1 Off Ring Road, Nipaniya, Indore, (M.P.) - 452005. Prior Environment Clearance for Residential Project "Skye Luxuria" (Built Up Area = 55589.52 sqm, Main Residential Unit : Total Plot Area= 14520.0 sqm, Proposed FAR =**

28935.23 sqm, Total Built-up Area= 54501.26 sqm, EWS & LIG Unit : Total Plot Area = 763.20 sqm, Proposed Built Up Area = 1088.26 sqm) at Khasra No. 32/1/2/1, 28/37, Village - Nipaniya, Tehsil - Indore, Distt. - Indore (M.P.) For Building Constuction. Environment Consultant – EQMS India Pvt. Ltd., Delhi.

This is case of Prior Environment Clearance for Residential Project "Skye Luxuria" (Built Up Area = 55589.52 sqm, Main Residential Unit: Total Plot Area= 14520.0 sqm, Proposed FAR = 28935.23 sqm, Total Built-up Area= 54501.26 sqm, EWS & LIG Unit: Total Plot Area = 763.20 sqm, Proposed Built Up Area = 1088.26 sqm) at Khasra No. 32/1/2/1, 28/37, Village - Nipaniya, Tehsil - Indore, Distt. - Indore (M.P.). Cat. 8(a) Building and Construction Projects.

Earlier this case was scheduled in 326th SEAC meeting dated 21/08/2018, 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.

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 29/12/2018 which was forwarded through SEIAA vide letter no. 2087 dated 31/01/2019 which was placed before committee.

The case was scheduled for the EIA presentation in 345th SEAC meeting dated 21/02/2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings of SEAC.

In this meeting the EIA incorporating remediation plan and natural community resource augmentation plan was presented by the PP and their consultant.

The salient features of the project area as:

- M/s Skye Earth Developers Pvt. Ltd. has established a Residential project “Skye Luxuria” located at Village Nipaniya, District Indore, Madhya Pradesh.
- Project site is spread over the area of 3.59 acres (14,520 m²). Entire land is in possession of the P. D. Agarwal Constructions Pvt. Ltd.
- M/s Skye Earth Developers Pvt. Ltd is developer of the project.
- P. D. Agarwal Constructions Pvt. Ltd. and Skye Earth Developers Pvt. Ltd have entered into a ratio joint development agreement for the development of the project.
- M/s Skye Earth Developers Pvt. Ltd. planned the project in two phases.
- In phase I it was planned to develop 2 blocks-A & B (club within block B) with B+S+6 floors in plot measuring 14250 sq m and a EWS block (G+2) in plot measuring 763.20 sq m.
- EWS plot is approx. 500 m distance from the main site.
- Building permission was taken from Gram Panchayat and T & CP, M.P for the phase I.

Details of Violation:

- Project had built-up area of 13082.96 m². However this built-up area includes only FAR area. As per MPBVN Rules, FAR is considered as built-up area.
- Consent to establish was also obtained for this built-up area from Madhya Pradesh Pollution Control Board vide letter no. 3839/TS/MPPCB/2014 dated 03.07.2014 .
- Construction of the project was taken up by M/s Skye Earth Developers Pvt. Ltd. as per the approvals obtained.
- Project site was then transferred to the Indore Municipal corporation (IMC) area in 2014.
- In 2014, M/s Skye Earth Developers Pvt. Ltd then planned expansion & modification (phase II) of the project and the revised permission was obtained from Indore Municipal Corporation (IMC) and T & CP, M.P.
- As per approved layout the project have 3 nos. of blocks, i.e A , B & C with B+S+10, B+S+15 & B+S+15 floors respectively in each block along with a club.
- EWS block was also expanded from G+2 to G+3 as per MPBVN requirement.

- In Phase II, existing block B was bifurcated into Block B & C by changing planned location of connecting club building. Club building location was shifted towards North side from the planned location.
- After expansion FAR (built-up area as per MPBVN) became 28935.23 sq m and built-up area (as per EIA Notification, 2011) of the project became 55589.52 sq. m.
- Project construction has been completed and the occupancy certificate is obtained for the project.
- M/s Skye Earth Developers Pvt. Ltd was unaware about the applicability of EIA Notification, 2006 and its amendments which defines the built-up area (EIA Notification, 2011).
- Construction was taken up at site due to unawareness about the applicability of the EIA Notification, 2006.
- Now after learning the applicability, M/s Skye Earth Developers Pvt. Ltd
- Violation was done due to unawareness and it was not intentional. had applied to MoEF&CC as per the MoEF&CC Notification No. SP 804 (E) dated 14.03.2017 for grant of environmental clearance. Thereafter MoEF&CC has issued amendment SO 1030 dated 8th March, 2018 and has directed that Category B projects involving violation will be appraised at State Level and all the category B proposals will be transferred to SEIAA. Accordingly our project has been transferred to SEIAA/SEAC, Madhya Pradesh by MoEF&CC vide letter dated 28th March, 2018.
- M/s Skye Earth Developers Pvt. Ltd commits not to repeat any such violation in future.
- ToR was granted to the project by SEAC/SEIAA, M.P. vide letter no 276/PS-MS/MPPCB/TOR(326)/2018 dated 19th Sep, 2018.

1. Name of the project & its location:

Development of Residential Project "Skye Luxuria" at Khasra. No. 32/1/2/1, 28/37, Village: Nipaniya, Tehsil & District: Indore, Madhya Pradesh

2. Name of the Company: M/s Skye Earth Developers Pvt. Ltd.

Address: 32/2/1 Off Ring road, Nipaniya, Indore- 452005

3. Latitude and Longitude of the project: 22°45'28.83"N & 75°55'21.91"E

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

Name of the Company: M/s Skye Earth Developers Pvt. Ltd.

Address: 32/2/1 Off Ring road, Nipaniya, Indore- 452005

Share:70%

AND

Name of the Company: P.D. Agarwal Constructions Pvt. Ltd.

Address: 6 Joy builder Colony, Indore

Share: 30%

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

Total area: Total plot area of project is 14520 sq m

Total Built up area of the project:55589.52m²

Built up area constructed: 30824.29m²

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

Connectivity to the site:Site is well connected with rail and roads network. A 30 m wide road is abutting the site in North direction. NH-3 is at a distance of 1.09 km in East direction. Indore junction railway station is at approx. 7.05 km from site in SW direction.

Water Requirement: Total water requirement for main residential unit is 171 KLD and for EWS and LIG units is 24 KLD

Sewage Generation:From main project site is 124 KLD and from EWS/LIG is 19 KLD.

STP Capacity: 150 KLD

Municipal waste generation:During operation phase, it is estimated that approx. 603 kg per day from main residential unit and 92 kg per day from EWS/LIG unitis generated from project site.

6. Cost of the project:INR 117 Crores

7. Whether the project is in Critically Polluted area: No, Indore was declared as critically polluted area in March, 2010 and moratorium was imposed by MoEF&CC for consideration of projects for environment clearance in Indore. However moratorium was lifted in October, 2010.

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

d) **For the first time appraisal by EAC:** First EC Presentation will held on 15.03.2019

(iv) **Date of ToR:**19.09.2018

- (v) **Date of Public Hearing, location:** Not Applicable
- (vi) **Major issues raised during PH and response of PP:** Not Applicable

e) **Second appraisal**

- (viii) **Date of first /earlier appraisal:** ToR PPT held on 21.08.2018
- (ix) **Details of the information sought by the EAC with the response of the PP:** Not Applicable

9. **If the project involves diversion of forest land (i) extend of the forest land (ii) status of forest clearance.**

Not Applicable

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

- (x) **Name of eco- sensitive area and distance from the project site:**

Ralamandal Wild Life Sanctuary (7.8 km SW), however project site lies outside declared ESZ of the sanctuary

- (xi) **Status of clearance from National Board for wild life:** NA

11. **Waste Management**

- (xi) **Water requirement:** Total water requirement for the proposed project is 171 KLD for main residential unit and 24 KLD for EWS/LIG unit.

Source: Currently source of water is private water tanker. Narmada water supply scheme is in proposal for establishment in area by Indore Municipal Corporation.

Status of clearance: Assurance has been obtained from the IMC for supply of Narmada water for project.

- (xii) **Waste water quantity:** Sewage Generation from main project site is 124 KLD and from EWS/LIG unit is 19 KLD.

Treatment capacity: Sewage generation from main project site is treated in STP of capacity 150 KLD. Sewage generated from EWS/LIG unit is discharged into the municipal sewage line.

- (xiii) **Recycling / reuse of treated water and disposal:** Flushing- 47 KLD, Landscaping- 11 KLD, Construction/Road washing/Sewer- 41 KLD.

- (xiv) **Solid Waste Management**

Collection and Segregation of waste

- A door to door collection system is provided for collection of domestic waste

- Local vendors are hired for waste collection and management
- Separate colored bins for organic and other waste are provided in each unit as well as in common and open areas

Treatment of Waste

- Organic waste generated from the project site is treated in the in-house organic waste convertor.
- The waste is converted into manure which is used for landscaping purpose within the site. Remaining recyclable waste is sold to recyclers.
- Recyclables waste and E-waste is sold to authorized vendors
- Used oil from DG sets is sold to authorized vendors

Disposal of Waste

- Remaining waste is collected and disposed by local agencies on daily basis

(xv) **Hazardous Waste Management:** Used oil from DG sets is sold to authorized vendors

12. Other details

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

(ii) **Details of water bodies, impact on drainage if any:** No impact on drainage is involved.

Details of water bodies around the project site are given below:

- Saraswati River (4.8Km, NW)
- Drain (512 m, W)

(xii) **Details of tree cutting:** Not Applicable

(xiii) **Energy conservation measures with estimated saving:** Estimated saving is 263.38 kVA/18.8%. Effective measures have been incorporated to minimize the energy consumption in following manners:

- Green belt developed all around the periphery of the project site as well as in the middle of the plot so as all the flats towers are facing greenery on the both the site. This ensures that more than 50% of non roof paved areas are under green cover
- Usage of local material for construction purpose
- Overhangs (chajjas) are provided on all the windows so to minimize exposure of direct sun heat
- All rooms are provided with the balconies
- Adequate windows, balconies and shafts provided to ensure maximum day light and natural ventilation
- False ceilings are provided to minimize the heat exposure through roof. Roof is painted with white color so as to minimize heat absorption
- Exterior of the building are painted in light color so as to maximize heat reflection
- All internal and external lighting are LED based

- Solar lights provided in the common areas
- Usage of energy efficient lifts
- Common lights are shut down to 50% after 10:00 pm when traffic movement is drastically reduced

(xiv) **Green belt development (20 % of construction projects and 33 % for others):** Total area measuring 3463.89m² i.e. 23.9% of the plot area is developed as green cover. Approx. 75 sq m of area is kept under green at EWS plot which is 10% of EWS plot area.

(vi) Parking requirement with provision made:

Parking Required- 290 ECS as per MPBVN

Parking Provided: Basement Parking: 198 ECS

Stilt parking: 123 ECS

13. If the project involves foreshore facilities: Not Applicable

(i) **Shoreline study:** NA

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

(iii) **Reclamation:** NA

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

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

14. If the project involves Marine disposal (i) NOC from PCB in case of marine disposal (ii) details of modeling study – details of outfall diffusers, number of dilution expected, distance at which the outlet will reach ambient parameters 9 (iii) location of intake / outfall. Quantity, (iv) detail of monitoring at outfall (v) Any other relevant information :Not Applicable

15. Other information:

(iv) **Investment/Cost of the project is** INR117Crores

(v) **Employment potential:** Direct Employment:109

(vi) **Benefits of the project:** World Class residing facilities for people,
Employment Generation,
Green area will be developed.

16. Date of Ground water clearance:Not Applicable

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

Estimated EMP budget for Operational Phase

S. No.	Activity	Capacity/ Area/Nos./parameters	Capital Cost (Lacs)	Annual Recurring Cost (Lacs)
1.	STP	150 KLD	30	3
2.	Landscaping & planting trees	3463.89 sq m	10	3
3.	Solid waste Management	603 kg/day +92 kg/day	6	3
4.	RWH Pit Installation	3 Nos. + 1 No.	12	2
5.	Energy Saving	18.8%	10	4
6.	Environmental Monitoring*	Air, water, soil and noise	2	2
Total			70	17

*Actual costs incurred are provided in the damage assessment report

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

Approx. 181 trees have been planted at the site. Approx. 75 sq m of area is kept under green at EWS plot which is 10% of EWS plot area. Species planted at the site are palms, *Persea American*, *Photinia japonica*, *Pithocolobiumsaman*, *Psidium gujava*, *Polyalthialongifolia*, *Nyctanthusarbortristis*, *Punicagranatum* and *Nyctanthusarbortristis*. Total green area measures 3463.89 m² i.e. 23.9% of the plot area is developed as green cover.

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

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

20. Name of Environmental Consultant

EQMS India Pvt Ltd

PP further stated about Budget for Environmental Cost:

Cost Incurred for Environment Management till Date During Construction and Operation Phases

S. No.	Particulars	Budget (INR)	Status
Construction Period: 4 years/1460 days			
1.	Air Environment • Water sprinkling: At	6,84,100 56,000	Already incurred completely

	<p>loading & unloading areas, internal temporary roads (@ 1 tankers/week) @ INR 400 Rs for 10000 litre tanker: 980 days excluding monsoon in 4 years of construction</p> <ul style="list-style-type: none"> • Sprinkling Nozzle: 5 nozzles (@ INR 500) 3000 • Booster pump of 1 HP 5500 • Water pipeline (hose)-100 m of 3-4 in. dia. 5000 • Water Tank (2 nos of 5000 liters = INR 20,000) 40000 • Labour Cost Inclusive in salary of construction labour • Covered Loose Material storage sheds with paved surface and tarpaulin sheets 50,000 • Green Nets for Building (@INR 15/sq m): 9000 sq m 1,35,000 • Wind breakers/ Site barricading- 487 m for 10 feet height (@INR 800 /rmt -10 feet) 3,89,600 		
2.	<p>Construction Waste Management</p> <ul style="list-style-type: none"> • Dustbins (@ INR 2000 for 15 dustbins) 30,000 • Labour Cost Inclusive in salary of construction labour 5,000 • Safety tapes for barricading the waste storage area 5,000 • Agencies' fee for waste collection & disposal- 4 years 3,00,000 	3,35,000	Already incurred completely
3.	<p>Noise Management</p> <ul style="list-style-type: none"> • Site barricading- 487 m for 10 feet height (@INR 800 /rmt -10 feet) • Machinery with 	Nil 3,89,600 (considered in air environment)	Already incurred completely

	inbuilt silencers/noise mufflers <ul style="list-style-type: none"> No working between 8:00 PM to 9:00 AM 	Cost included in construction machinery No cost	
4.	Water Quality Management <ul style="list-style-type: none"> Toilets-2 nos. and cost of septic Tank & soak Pit Toilet maintenance and cleaning Sand bags for controlling & diverting the curing flow and rainfall flow and minimizing silt generation STP of 150 KLD constructed for operation phase sewage management Construction of RWH Pits-3 nos and storm water drains 	44,40,000 2,00,000 30,000 10,000 30,00,000 12,00,000	Already incurred completely
5.	Occupational Health and Safety of construction worker <ul style="list-style-type: none"> First aid kits at site Personal Protective equipment-helmet, safety shoes & safety jackets Medical aids as and when required to construction labour 	3,10,000 30,000 2,00,000 80,000	Already incurred completely
6.	Ecological Environment <ul style="list-style-type: none"> Development of Green Area (3463.89 sq m) and tree plantation. This includes peripheral plantation, road side plantation, lawn, trees planted and planters provided No tree was cut as site was devoid of trees 	10,00,000 10,00,000	Already incurred completely
7.	Disaster Management	Cost included in	

	<ul style="list-style-type: none"> Earthquake resistant structure as per NBC Requirement Fire-fighting system as per NBC and Local fire office requirement and obtained fire NOC 	construction cost	Already incurred completely
K. Cost Incurred during Construction Phase			67,69,100
Operation Phase- 2 Years (March 2017-Feb2019)			
S. No.	Activity	Expenditure incurred till date by Proponent (2 years period)	Status
10.	Operation Phase Waste Management <ul style="list-style-type: none"> Dustbins for common areas-15 nos. @ INR 3000 + recurring cost Municipal Authority for Waste management (@ 0.3 p/kg) STP sludge disposal through municipal authority (@ INR 3500 PM for 2 years) 	2,90,000 45,000 + 6000 = 51,000 1,55,000 84,000	Already incurred completely
11.	Operation Phase Water Quality Management <ul style="list-style-type: none"> STP operation and maintenance and treated water quality monitoring by agency (Staff Salary- 15000/- PM) Water supply network maintenance & cleaning (Staff Salary 12000/- PM) Maintenance & cleaning of RWH system (Staff Salary 11000/- PM) 	9,12,000 3,60,000 2,88,000 2,64,000	Already incurred completely
12.	Green Area Maintenance Maintenance of Green Area (3463.89 sq m) and trees planted (salary + expenditure	5,00,000	Already incurred completely

	on green area maintenance)		
L. Cost Incurred Till Date During operation Phase			17,72,000
Total Cost towards environment protection (A+B) = 85,41,100			
Operation Phase (To be Incurred)- For next 3 years/till the RWA Forms			
S. No.	Activity	Expenditure to be incurred on Environmental Management (3 years period)	Status
1.	Operation Phase Waste Management <ul style="list-style-type: none"> Dustbins for common areas-Recurring cost Municipal Authority for Waste management (@ 0.3 p/kg) STP sludge disposal through municipal authority (@ INR 3500 PM for 3 years) 	3,62,000 6000 2,30,000 1,26,000	To be Incurred
2.	Operation Phase Water Quality Management <ul style="list-style-type: none"> STP operation and maintenance and treated water quality monitoring by agency (Staff Salary- 15000/- PM) Water supply network maintenance & cleaning (Staff Salary 12000/- PM) Maintenance & cleaning of RWH system (Staff Salary 11000/- PM) Water Quality Monitoring at project site (once in six months) @ INR 5000/sample 	13,98,000 5,40,000 4,32,000 3,96,000 30,000	To be Incurred
3.	Green Area Maintenance Maintenance of Green Area (3463.89 sq m) and trees planted (salary + expenditure on green area maintenance)	7,00,000	To be Incurred

4.	Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site	30,000	To be Incurred
5.	Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample for 2 years	12,000	To be Incurred
6.	Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site	30,000	To be Incurred
M. Cost to be Incurred During operation Phase for 3 years/till RWA is formed			25,32,000

Cost Incurred for Community Resources Improvement and Management

Activity	Cost Incurred	Time of Implementation
Development of 100 m Government Road including pavers on both side	15,00,000	2014-2015
Bhandara on Vishwakarma Jayanti 4-5 times (3,00,000/- Annually)	18,00,000/-	2012 - 2017
Total	33,00,000	2012-2018

Cost Not Considered during construction and operation and will be proposed as remediation cost

Construction Phase	
Air Environment	70,000
<ul style="list-style-type: none"> Air masks (@INR 100-100 Pcs) Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site Vehicle inspection camp (@INR 20,000/yr for 2 years) 	10,000 20,000 40,000
Noise Environment	13,000
<ul style="list-style-type: none"> Ear Plugs (@ INR 50 -100 Pc) Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample 	5,000 8,000
Water Environment	20,000
<ul style="list-style-type: none"> Water Quality Monitoring at project 	

site (once in six months) @ INR 5000/sample	
Soil Environment	20,000
<ul style="list-style-type: none"> • Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site 	
Total Construction Phase	1,23,000
Operation Phase	
<ul style="list-style-type: none"> • Air Quality Monitoring every six-monthly during construction (twice in year for 2 years) @ INR 5000 at project site 	20,000
<ul style="list-style-type: none"> • Noise Monitoring (once in six months for 24 hourly at 2 locations within site) @ INR 1000 per sample for 2 years 	8,000
<ul style="list-style-type: none"> • Water Quality Monitoring at project site (once in six months) @ INR 5000/sample for 2 years 	20,000
<ul style="list-style-type: none"> • Soil Quality Monitoring (twice in year for 2 years) @ INR 5000 at project site 	20,000
Total Operation Phase	68,000
Total	1,91,000

Cost Which has not been incurred till date will be spent now for community and natural resources management. Proposed community and natural resources management budget is given below

Proposed Natural Resources Management Budget		
Proposed Activity	Budget	Time of Implementation
<ul style="list-style-type: none"> • Improvement of Municipal Garden in the area (tree plantation, watering infrastructure etc) 	1,00,000	2019-2020
Proposed Community Resources Management Budget		
<ul style="list-style-type: none"> • Provision of benches in the Municipal Corporation Garden 	1,00,000	2020-2021
Total Budget	2,00,000	2019-2021

After presentation and discussions it was observed by the committee that the remediation plan and natural community resource augmentation plan submitted by PP needs to be revised as suggested by committee. PP was asked to submit following information:

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. Copy of order passed by H'ble court under EPA act 1986.
 3. Utilization- wise Land Use details as per approved T& CPO Plan.
 4. Proof of land ownership.
 5. Commitment of PP regarding no tree felling is being done, no GW extraction.
 6. Land distribution (R&R etc.).
 7. Water supply NOC from Gram Sabha.
 8. Rain water balance chart.
 9. Mass balance chart of solid waste during construction and operation stage.
 10. Proposed Energy conservation plan.
 11. Parking details as per norms, dust suppression details etc.
 12. Commitment regarding automatic smoke detection installation in the community hall.
5. **Case No. - 5929/2019 M/s. Mangal Murti Minerals, Shri Mohit Agrawal, 99, Bahadarpur Road, Burhanpur, MP – 450331 Prior Environment Clearance for Red Ochre & Basalt Mine (Dimensional Stone) in an area of 19.60 Ha. (Red Ochre – 21,000 cum per annum, Basalt – 3,000 cum per annum) (Khasra No. 143, 181, 183, 184 & 192), Village- Dabalikhurd, Tehsil - Nepanagar, Dist. Burhanpur (MP).**

This is case of Red Ochre & Basalt Mine (Dimensional Stone). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 143, 181, 183, 184 & 192), Village- Dabalikhurd, Tehsil - Nepanagar, Dist. Burhanpur (MP) 19.60 Ha. The project requires prior EC before commencement of any activity at site.

In this meeting the case was presented by PP and their consultant wherein it is observed by the committee that in the google map the Tapi River is flowing in the northern end of the lease which is approx. > 600 meter. PP was asked to discuss RL wise section from above ground level to below the ground level in the EIA. Also, with the presentation the PP has submitted the copy of SDFO certificate issued vide letetr no. DM/2019/1658 dated 24.07.2018 during the meeting.

Committee after presentation decided that in the light of recent O.M. dtd. 12.12.2018 being it's a case of more than 5.0 ha., area hence, 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. Details about Geological vertical section RL wise discussed in the EIA report.
2. Detailed evacuation plan with transport route, required infrastructure and man-power is to be discussed in the EIA report.
3. Scattered houses are seen within and outside of the lease. Discuss proper management measures in the EIA.
4. Transportation plan & traffic management plan should be discussed in the EIA report.
5. Plan of to maintain ZLD in the summer and management of storm water in the winter and rainy season to stop water to reach into the river.
6. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
7. Mine water discharge plan with details of garland drains and settling tanks should be detailed out on a map in the EIA report.
8. Compliance of consent conditions duly authenticated by concerned Regional Officer, MP Pollution Control Board.
9. Should also submit DFO certificate with EIA report as submitted certificate is issued by SDFO.
10. Year- wise details of minerals already excavated till date should be submitted with EIA report.
11. Atleast 08 stations should be selected for monitoring with two stations on transportation route and results should be discussed in the EIA report.
12. Hydro- geological study should be carried out if ground water intersection is proposed.
13. Top soil management plan should be addressed in EIA report.
14. Input data of modeling should be addressed in EIA along with this all back up calculation.
15. Onsite pictures of monitoring and survey along with date and time on photographs should be attached with the EIA report.
16. Inventory of all existing trees and if any tree is to be uprooted, then it should be clearly addressed in EIA.
17. Ground water table data should be compared with data of Central Ground Water Board authorities nearest sampling point.
18. Water quality of all the villages within 10 k.m radius should be studied and result should be incorporated in final EIA report.

6. Case No. - 5965/2019 M/s. BalaJi Developer, Partner Shree Vekash Mittal, R/O 301, Pukhraj Corporate, Navlakha Dist. Indore Prior Environment Clearance for Crusher Stone Quarry in an area of 4.50 Ha. (81,000 cum per annum) (Khasra No. 354/4, 355/1, 355/2, 356), Village - Rehli, Tehsil - Hatpipliya, Dist. Dewas (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 354/4, 355/1, 355/2, 356), Village - Rehli, Tehsil - Hatpipliya, Dist. Dewas (MP) 4.50 Ha. The project requires prior EC before commencement of any activity at site.

Vide Collector office (OIC, Kanij Shakha) letter no. 71 dated 14.01.2019 (referring a letter signed on dated 11.01.2019 by Asstt. Tracer) informed that there are two more lease of 3.31ha and 1.8ha area respectively and total three mines with commulative area of 9.610 ha within the the 500 meters of this mine and forms a cluster of > 5.00 ha., and shall be appraised as per recent O.M. dated 12.12.2018 for conducting EIA & Public hearing.

The case was presented by PP and their consultant. Being it's a case of cluster of more than 5.0 ha., area 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.
7. **Case No. - 5940/2019 Shri Rishab Pachauri, R/o Pachauri Complex, Pipal Chauraha, Bairasiya Road, Karond, Bhopal Prior Environment Clearance for Murrum Mining Quarry in an area of 4.00 Ha. (10,000 cum per annum) (Khasra No. 412 Parts), Village-Khajuri, Tehsil - Huzur, Dist. Bhopal (MP).**

This is case of Murrum Mining Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 412 Parts), Village- Khajuri, Tehsil - Huzur, Dist. Bhopal (MP) 4.0 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. 634 dated: 21/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by PP and their consultant wherein it was observed by the committee that lease is on the hill and gradient is steep with 24 meters elevation difference. Considering the sensitivity to carryout mining on the hill, PP stated that they will carryout manual mining instead of mechanized without any drilling and blasting. Considering high gradient mineral evacuation shall be done by tractor trolley (trolley of 04 wheels with proper breaking system) Hence, in this context the PP was asked to submit following details:

- Commitment of PP that manual mining shall be carried out.
- Road layout on surface plan for safe evacuation of minerals.
- Proposal for one settling tank at the foot hill in EMP.
- Revised EMP and CSR as suggested by committee.

The PP has submitted the response of above quarries same date vide letter dated 15.03.2019, 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 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 Murrum 10,000 cum/annum.
2. Considering the sensitivity of lease only manual mining shall be carried out and mineral evacuation through tractor trolley (trolley of 04 wheels with proper breaking system).
3. The lease area should be clearly distinguished and permanent earmarked at the site.
4. Thick plantation shall be carryout in the periphery of the lease.
5. Six monthly occupational health survey shall be carryout
6. PP should explore possibility of using solar lights in office /rest areas.
7. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
8. Mine water should not come out from the lease for which a settling tank shall be provided at the foot hill.
9. Kachha road from mine site to the highway shall be made pakka and maintained by PP.
10. No dump shall be stacked outside the lease area.
11. Top soil shall be simultaneously used for the plantation.
12. 400 trees shall be planted by the PP in five years, at mine's safety barrier, approach road and at village road.
13. A budgetary provision for Environmental management Plan of Rs. 3.41 Lakh as capital and Rs. 2.105 lakh as recurring is proposed.
14. Under CSR Rs. 25,000 /year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

8. Case No. - 5944/2019 Sarpanch, Gram Panchayat, Village - Sadkar, Tehsil - Chandla, Dist. Chhatarpur, MP – 471516. Prior Environment Clearance for Sand Mine in an

area of 4.00 Ha. (75,600 cum per annum) (Khasra No. 1400 (Part)), Village - Sadkar, Tehsil - Chandla, Dist. Chhatarpur (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1400 (Part)), Village - Sadkar, Tehsil - Chandla, Dist. Chhatarpur (MP) 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 vide letter No. NIL dated: 31/1/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

9. Case No. - 5945/2019 Shri Rajendra Kumar, MIG-05, Sun City Colon, Dist. Chhatarpur, MP Prior Environment Clearance for Crusher Stone Mine in an area of 2.10 Ha. (6,000 cum per annum) (Khasra No. 103 Parts), Village - Banpura, Tehsil - Bakswaha, Dist. Chhatarpur (MP).

This is case of Crusher Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 103 Parts), Village - Banpura, Tehsil - Bakswaha, Dist. Chhatarpur (MP) 2.10 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. 1022 dated: 14/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant. During discussion, PP submitted that they have already obtained EC from the DEIAA, Chhatarpur issued vide 4743/DEIAA/2018 dated 24.09.2018. Committee after deliberations recommends that since this lease already has an EC, the case is referred back to SEIAA for necessary action as per decision taken in case no. 5844/2019 in their 525th meeting dated 01/03/2019.

10. Case No. - 5948/2019 Shri Rajendra Kumar Rai, MIG-05, Sun City Colon, Dist. Chhatarpur, MP. Prior Environment Clearance for Stone Quarry in an area of 4.70 Ha. (15,000 cum per annum) (Khasra No. 1402/1 Parts), Village - Bajna, Tehsil - Bakswaha, 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. 1402/1 Parts), Village - Bajna, Tehsil - Bakswaha, Dist. Chhatarpur (MP) 4.70 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. 1021 dated: 14/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant. During discussion, PP submitted that they have already obtained EC from the DEIAA, Chhatarpur issued vide 4742/DEIAA/2018 dated 24.09.2018. Committee after deliberations recommends that since this lease already has an EC, the case is referred back to SEIAA for necessary action as per decision taken in case no. 5844/2019 in their 525th meeting dated 01/03/2019.

11. Case No. - 5928/2019 Sarpanch, Gram Panchayat, Village - Chicholi, Tehsil - Khairlanji, Dist. Balaghat, MP Prior Environment Clearance for Sand Mine in an area of 4.99 Ha. (67,365 cum per annum) (Khasra No. 463 Part), Village- Chicholi, Tehsil - Khairlanji, Dist. Balaghat (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 463 Part), Village- Chicholi, Tehsil - Khairlanji, Dist. Balaghat (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's Office vide letter No. --- dated: --- has reported that there is --- more mines operating or proposed within 500 meters around the said mine.

In this meeting, the case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings,

12. Case No. - 5935/2019 Sarpanch, Gram Panchayat, Village - Khairi, Tehsil - Khairlanji, Dist. Balaghat, MP Prior Environment Clearance for Sand Mine in an area of 4.0 Ha. (90,000 cum per annum) (Khasra No. 854 Part), Village- Khairi, Tehsil - Khairlanji, Dist. Balaghat (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 854 Part), Village- Khairi, Tehsil - Khairlanji, Dist. Balaghat (MP) 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's Office vide letter No. 208 dated: 06/02/2019 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. During perusals of the documents and presentation, it was observed that co-ordinates mentioned in mine plan and form-1 are different and as per Khasra map shape and sizes of lease, the co-ordinate mentioned in Form-1 appears to be matching. Committee after deliberations recommends PP to submit revised DGPS co-ordinates of the lease duly approved/authenticated by the competent authority for further consideration.

PP vide letter dated 15/03/2019 has submitted the revised form-1M with co-ordinates mentioned in mine plan. Committee observed that the submitted co-ordinates are not approved

by competent authority and form-1M is not accepted as per SEIAA decision communicated vide letter no. 1886 dated 27/12/2018. Thus committee decided that the reply submitted by PP is not as per the queries raised and decided that PP may be asked to submit revised DGPS co-ordinates of the lease duly approved/authenticated by the competent authority for further consideration.

13. Case No. - 5913/2019 M/s. Maa Padmawati Stone Crusher, Shri Sanjay Mulewa, Village - Dehri, Tehsil - Kukshi, Dist. Dhar, MP – 454221 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 Ha. (14,550 cum per annum) (Khasra No. 20), Village- Dehri, Tehsil - Kukshi, Dist. Dhar (MP).

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 20), Village- Dehri, Tehsil - Kukshi, Dist. Dhar (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 Tehsildar Office vide letter No. 6983 dated: 14/11/2017 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. During presentation, discussion and perusals of the documents following observations were made by the committee:

- The lease area as per Google image (Jan. 2019) showed that the proposed area is already excavated and PP has applied it as a fresh case.
- In the Google image, a stone crusher is also in existence within the lease area.
- The co-ordinates mentioned in mine plan and area marked by PP presentation is different. PP submitted that the area marked in presentation is belongs to him and is as per the Khasra shape.
- No maps are attached with the case file submitted by PP.
- PP further submitted that in the anticipation of EC, they have installed crusher and obtained production and thus constitutes 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.

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. Complete set of mine plan with all the maps duly approved by the competent authority.
12. 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.
13. Energy efficient measures (LED lights, solar power, etc) during construction as well as during operational phase of the project.

14. 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.
15. 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.
16. 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.

14. Case No. - 5914/2019 Shree Lakhan Maurya S/o Shree Rameshchandra Maurya near Village - Rehmanpura, Tehsil - Manawar, Dist. Dhar, MP – 454449 Prior Environment Clearance for Stone Deposit in an area of 2.00 Ha. (Saleable Basalt Stone-4,275 cum per annum & Murrum-1500 cum/year) (Khasra No. 1), Village- Rehmanpura, Tehsil - Manawar, Dist. Dhar (MP).

This is case of Stone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1), Village- Rehmanpura, Tehsil - Manawar, Dist. Dhar (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 Nayab Tehsildar Office vide letter No. 4737 dated: 06/11/2017 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant. During presentation committee observed in the Google image (Dec. 2016) that A canal is passing in the southern direction which is >240 meter and slope of mines towards SE hence, settling tank shall be provided on the side of the lease to protect mine discharge. During presentation, it was observed by the committee that on the southern side of the lease some area is already excavated for which PP submitted that local villagers has excavated the area and dugged out soil from the top. After presentation the PP was asked to submit following information:

1. Revised water balance demand chart.
2. Revised Plantation scheme.

3. Revised EMP with appropriate budget for fixed pipe sprinklers, PPE's, first aid and fire fighting.
4. Revised CSR as suggested by committee.

Vide letter dtd. 15.03.2019, the PP has submitted desired information, which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Basalt Stone-4,275 cum per annum & Murrum-1500 cum/year.
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Settling tanks shall be provided in the south the side of the lease to protect mine discharge.
4. The crusher shall be installed minimum 100 meters away from the road with 03 meters high MS wind breaking wall.
5. Transportation of material shall be done in covered vehicles.
6. Transportation of minerals shall not be carried out through forest area.
7. Six monthly occupational health survey shall be carryout.
8. Stacking of of OB heap within the mine lease has prohibited all OB will be used for road making.
9. PP should explore possibility of using solar lights in office /rest areas.
10. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
11. No overcharging during blasting to avoid vibration.
12. Muffle blasting shall be adopted.
13. Mine water should not come out from the lease.
14. No explosive will be stored at mine site.
15. Kachha road from mine site to the village road shall be made pakka and maintained by PP.
16. No dump shall be stacked outside the lease area.
17. Top soil shall be simultaneously used for the plantation.
18. 1000 trees shall be planted by the PP in five years, at mine's safety barrier, approach road and at village road.
19. A budgetary provision for Environmental management Plan of Rs. 3.37 Lakh, as capital and Rs. 0.81 / year as recurring cost.

20. Under CSR Rs. 0.84 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

15. Case No. - 5927/2019 Shri Mohan Sahu S/o Late Shri Tulsiram Sahu, Bijauri, Tehsil - Tamia, Dist. Chhindwara, MP – 480559 Prior Environment Clearance for Metal Stone Quarry in an area of 1.00 Ha. (14,700 cum per annum) (Khasra No. 267/1, 267/2&3), Village- Pandupipariya, Tehsil - Tamia, Dist. Chhindwara (MP)

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 267/1, 267/2&3), Village- Pandupipariya, Tehsil - Tamia, Dist. Chhindwara (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office vide letter No. 232 dated: 11/02/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant. During presentation committee observed in the Google image (Jan. 2019) that A pakka road is passing in the southern direction (SW- SE) which is approx. 20 meter and slope of mines towards South and southern- Easter direction hence, PP shall left a setback of 30 meter towards road as non mining area and shall provide settling tank on both the side of the lease to prevent un settled mine water discharge in natural drain. After presentation the PP was asked to submit following information:

1. Revised Plantation scheme with location as suggested by the committee.
2. Revised EMP with appropriate budget for fixed pipe sprinklers, PPE's, first aid and fire fighting.
3. Revised CSR as suggested by committee

Vide letter dtd. 15.03.2019, the PP has deposited desired information, which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence

committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Metal Stone Quarry 14,700 cum. / annum
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Settling tanks shall be provided in the south and South-Eastern end of the lease to protect mine water discharge.
4. The crusher shall be installed minimum 100 meters away from the road with 03 meters high MS wind breaking wall.
5. Transportation of material shall be done in covered vehicles.
6. Transportation of minerals shall not be carried out through forest area.
7. Six monthly occupational health survey shall be carryout/
8. Stacking of of OB heap within the mine lease has prohibited all OB will be used for road making.
9. PP should explore possibility of using solar lights in office /rest areas.
10. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
11. No overcharging during blasting to avoid vibration.
12. Muffle blasting shall be adopted.
13. Mine water should not come out from the lease.
14. No explosive will be stored at mine site.
15. No dump shall be stacked outside the lease area.
16. Top soil shall be simultaneously used for the plantation.
17. 300 trees shall be planted by the PP in five years, at mine's safety barrier, approach road and at village road.
18. A budgetary provision for Environmental management Plan of Rs. 4.14 Lakh, as capital and Rs. 1.124 lakh / year as recurring cost.
19. Under CSR Rs. 0.84 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

16. Case No. - 5971/2019 M/s. Vivek Mishra, Village & Post Rajadho, Tehsil – Hanumana, District – Rewa Prior Environment Clearance for Crusher Stone Mine in an area of

4.00 Ha. (16,000 M3) at (Khasra No. 411) Village Tihai, Tehsil – Kotar Distt. Satna (M.P.)

This is case of Crusher Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 411) Village Tihai, Tehsil – Kotar Distt. Satna (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 vide letter No. 1302 dated: 03/05/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

In this meeting the case was presented by the PP and their consultant. During presentation committee observed that in the Google image (Dec. 2018) that a pakka road is passing in the northern direction which is >250 meter and scattered houses were also observed which are > 300 meters away. After presentation the PP was asked to submit following information:

1. All the maps of the mining plan.
2. Commitment that production shall be start from north side of the lease.
3. Revised Plantation scheme @400 trees per year with proposal for two more species chirol and Karanj.
4. Revised EMP with appropriate budget for fixed pipe sprinklers, PPE's, first aid and fire fighting.

Vide letter dtd. 15.03.2019, the PP has deposited desired information, which was placed before the committee. After deliberations committee decided that as the EMS and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 16,000 cum. / annum
2. The lease area should be clearly distinguished and permanent earmarked at the site.
3. Settling tanks shall be provided in the North and North- Eastern direction end of the lease to protect mine water discharge.
4. Transportation of material shall be done in covered vehicles.

5. Transportation of minerals shall not be carried out through forest area.
6. Six monthly occupational health survey shall be carryout/
7. Stacking of of OB heap within the mine lease has prohibited all OB will be used for road making.
8. PP should explore possibility of using solar lights in office /rest areas.
9. Overhead sprinklers arrangements should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road.
10. No overcharging during blasting to avoid vibration.
11. Muffle blasting shall be adopted.
12. Mine water should not come out from the lease.
13. No explosive will be stored at mine site.
14. No dump shall be stacked outside the lease area.
15. Top soil shall be simultaneously used for the plantation.
16. 400 trees / year shall be planted by the PP in five years, at mine's safety barrier, apporoach road and at village road.
17. A budgetary provision for Environmental management Plan of Rs. 5.90 Lakh, as capital and Rs. 0.94 per year as recurring cost.
18. Under CSR Rs. 0.94 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.

(R. Maheshwari)
Member

(Dr. A.K. Sharma)
Member

(Shri Prashant Srivastava)
Member

(Dr.Mohd. Akram Khan)
Member

(Mohd. Kasam Khan)
Chairman

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

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

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

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

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

Annexure- 'C'

Standard conditions applicable for the Khodu Bharu sand Mine Quarries*

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

Annexure- 'D'

General conditions applicable for the granting of TOR

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

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

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

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