STATE EXPERT APPRAISAL COMMITTEE **28th March 2015**
MINUTES OF 182nd MEETING

The 182nd meeting of the State Expert Appraisal Committee (SEAC) was held on 28th March, 2015 under the Chairmanship of Dr. R. B. Lal. The following members attended the meeting-

1. Shri K.P. Nyati, Member
2. Dr. Srinivasan Krishnan Iyer, Member
3. Dr M.P. Singh, Member
4. Shri Manohar K. Joshi, Member
5. Dr. Alok Mittal, Member
6. Shri A.A. Mishra, Secretary

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

Deliberations:

1. **Case No. 1013/2012 – Shri Omprakash Rai Katni Road, , P.O. Maihar, Distt. Satna – 485771** SEIAA letter no. 3097 dtd. 16-01-2015 Rec. dt. 20/01/15 *Renewal of Mining Lease for – 20 Year,* ***Lease Area – 6.543 Ha.*** *Pahari (No.- 3) Limestone Mine along with Crusher at Khasra No. – 1167, 1168, 1165, 1166, etc.* ***(Total - 31.06 Bigha or 6.543 ha.)*** *at Village- Pahari, Tehsil- Maihar, Distt. Satna (M.P.) Proposed Production of Lime Stone and Reject Stone – 1,00,000 MTPA, Production Capacity of 30,000 MTPA, Renewal of Mining Lease for – 30Year.***For – EIA Presentation.** ToR issued (115) letter no. 710 dt. 25/09/13 **Env. Consultant: GRC India (L) Noida (U.P.).**

This is a case of Mining of Limestone & Reject stone. ToR to carry out EIA was issued for the project vide letter dated 710 dated 25/09/2013. PP has submitted the final EIA report through SEIAA along with the relevant documents. EIA was presented in the meeting by the PP accompanied with his consultant. Scritiny of the report and the presentation made by the PP committee has recorded several comments and asked the PP to submit the revised report addressing all the points. Also there are many mistakes in the submitted documents. The same has been conveyed to the PP at the time of presentation and all the changes suggested by learned committee members should be incorporated in the revised submission.

It was decided to call the PP for presenting the case after receipt of requsite revised report. Following points need to be addressed:

1. Cummulative impact assessement (CIA) to be predicted considering the impacts contributed by each of the 03 adjoining mining sites (Registered as case no. 1021/2012, 1008/2012 & 1013/2012).
2. The CIA report should be supported with the monitoring data as evidence.
3. Point-wise compliances of the entire TOR suggested by the committee to be furnished and presented.
4. The air quality modeling has been shown in the report without justification / evidence for using the model software. Hence, justification & evidence to be furnished for using the particular model to depict the impacts from point-source, area-source and line-source.
5. The proposed CSR activities have not been detailed out in the report the same needs to be furnished appropriately.
6. The flora and fauna inventory appears to be replica of literature and needs to be validated / reveiwed through ground survey. Narrow endemic ï Biodiversity data should be provided.
7. Plantation scheme also requires a review and revision with selection of suitable species to be planted.
8. Baseline water analyses report has to be re-checked in view of several anomalies. The data should be supported with the field observations and appropriate interpretation / justification for the anomalous values if any.

The case shall be considered after receipt of revised report incorporationg the above issues.

2. **Case No. 1021/2012** **Shri Om Prakash Rai, katni Road, District - Satna (M.P.) – 485771** SEIAA letter no. 3099 dtd. 16-01-2015 Rec. dt. 20/01/15 *Pahai (No. -2) Lime Stone Mine at Khasra No. – 1161, 1162, 1163/1,2, 1164, 1165, 1166, 1167, 1168, 1281/1,2 Village- Pahari, Tehsil – Maihar, Distt. – Satna (M.P.) Lease Area – 8.094 Ha., Lease Period – 10 Year. Proposed Capacity – 30,000 Cubic Meter/Year* **For – EIA Presentation.** ToR issued (116) letter no. 274 dt. 11/03/13 **Env. Consultant: GRC India (L) Noida (U.P.).**

This is a case of Mining of Limestone. ToR to carry out EIA was issued for the project vide letter dated 274 dated 11/03/2013. PP has submitted the final EIA report through SEIAA along with the relevant documents. EIA was presented in the meeting by the PP accompanied with his consultant. Scritiny of the report and the presentation made by the PP committee has recorded several comments and asked the PP to submit the revised report addressing all the points. Also there are many mistakes in the submitted documents. The same has been conveyed to the PP at the time of presentation and all the changes suggested by learned committee members should be incorporated in the revised submission.

It was decided to call the PP for presenting the case after receipt of requsite revised report. Following points need to be addressed:

1. Cummulative impact assessement (CIA) to be predicted considering the impacts contributed by each of the 03 adjoining mining sites (Registered as case no. 1021/2012, 1008/2012 & 1013/2012).
2. The CIA report should be supported with the monitoring data as evidence.
3. Point-wise compliances of all the TOR suggested by the committee to be furnished and presented.
4. The air quality modeling has been shown in the report without justification / evidence for using the model software. Hence, justification & evidence to be furnished for using the particular model to depict the impacts from point-source, area-source and line-source.
5. The proposed CSR activities have not been detailed out in the report the same needs to be furnished appropriately.
6. The flora and fauna inventory appears to be replica of literature and needs to be validated / reveiwed through ground survey. Narrow endemic ï Biodiversity data should be provided.
7. Plantation scheme also requires a review and revision with selection of suitable species to be planted.
8. Baseline water analyses report has to be re-checked in view of several anomalies. The data should be supported with the field observations and appropriate interpretation / justification for the anomalous values if any.

The case shall be considered after receipt of revised report incorporationg the above issues.

3. **Case No. 1008/2012 - Shri Omprakash Rai Katni Road, , P.O. Maihar, Distt. Satna – 485771** SEIAA letter no. 3210 dtd. 22-01-2015 Rec. dt.27/01/15 *Renewal of Mining Lease for – 20 Year,* ***Lease Area – 11.894 Ha.*** *Pahari (No.-1) Limestone and Reject Stone at Khasra No. – 797 to 801, 810, 811, etc. at village- Pahari, Tehsil- Maihar, Distt. Satna (M.P.) Production Capacity of 30,000 TPA to 75,000 TPA,* **For-EIA Presentation. Env. Consultant: GRC, Noida (UP)** ToR (116) issued letter No.- 708 dt. 25/09/13.

This is a case of Mining of Limestone. ToR to carry out EIA was issued for the project vide letter dated 708 dated 25/09/2013. PP has submitted the final EIA report through SEIAA along with the relevant documents. EIA was presented in the meeting by the PP accompanied with his consultant. Scritiny of the report and the presentation made by the PP committee has recorded several comments and asked the PP to submit the revised report addressing all the points. Also there are many mistakes in the submitted documents. The same has been conveyed to the PP at the time of presentation and all the changes suggested by learned committee members should be incorporated in the revised submission.

It was decided to call the PP for presenting the case after receipt of requsite revised report. Following points need to be addressed:

1. Cummulative impact assessement (CIA) to be predicted considering the impacts contributed by each of the 03 adjoining mining sites (Registered as case no. 1021/2012, 1008/2012 & 1013/2012).
2. The CIA report should be supported with the monitoring data as evidence.
3. Point-wise compliances of all the TOR suggested by the committee to be furnished and presented.
4. The air quality modeling has been shown in the report without justification / evidence for using the model software. Hence, justification & evidence to be furnished for using the particular model to depict the impacts from point-source, area-source and line-source.
5. The proposed CSR activities have not been detailed out in the report the same needs to be furnished appropriately.
6. The flora and fauna inventory appears to be replica of literature and needs to be validated / reveiwed through ground survey. Narrow endemic ï Biodiversity data should be provided.
7. Plantation scheme also requires a review and revision with selection of suitable species to be planted.
8. Baseline water analyses report has to be re-checked in view of several anomalies. The data should be supported with the field observations and appropriate interpretation / justification for the anomalous values if any.

The case shall be considered after receipt of revised report incorporationg the above issues.

4. Case No. - 1829/2014 Shri S.K. Mishra, Executive Engineer, Pragati Bhawan, Press Complex, M.P. Nagar, Zone-1, Bhopal, (M.P) – 462011 <u>For – EIA Building Construction.</u> SEIAA letter no. 3092 dt. 15.01.15 Rec. dt. 21 /01/15 *Construction of "Residential Area Development under the scheme of Sardar Ballabh Bhai Patel Aawasiya Yojna MISROD Phase II, At Village- Bawadia Kalan and Salliya Village, Tehsil- Huzur , Distt.- Bhoapl. (M.P)Total Plot Area- 230.27 Acres (931890 sqm) and excluding the canal of 10.60 acres (42899.1 sqm), the net planning area is 219.67 acres (888991.4 sqm) and* ***Built up area of 4,76,801.04 m^2 (53.64%),*** **<u>Building Construction.</u> ToR issued letter No. 266 dt. 20/12/14. 154th meeting dt. 10/11/14 Env. Consultant – Vidhya Consultancy, Hyderabad.**

This is a township development project comprising Total Plot Area- 230.27 Acres (931890 sqm) and excluding the canal of 10.60 acres (42899.1 sqm), the net planning area is 219.67 acres (888991.4 sqm) and Built up area of 4,76,801.04 m^2. The project is covered under the EIA notification as item 8(b) and requires prior EC from SEIAA. The TOR was siiued to carry out EIA and prepare EMP vide letter dated 20/12/2014. The EIA submitted by the PP was forwarded by SEIAA for appraisal. EIA report and the salient features of the project were presented by the PP and his consultant before the committee. The presentation and the submission made by the PP reveals following:

Surrounding environment

Lat. & Longitude	23°09'18.36"N; 77°28'41.77"E; Elevation: 468.5 m (1537ft)
Nearest Highway	NH-12(Bhopal-Hoshangabd, M.P.)~ 0.79 km from site(NE)
Nearest Airport	Raja Bhoj International Airport, ~ 20.50km (NW).
Nearest R S	Misrod Railway Station ~ 0.2 km(E) Habibgunj Railway Station ~ 6.2 km(N) & Bhopal Central Railway Station ~ 11.66km(NNW)
Historical & sensitive locations	None reported in 10 Km
National Park, Wild	None reported in 10 Km

Life Sanctuary	
Nearest Water Body	Kaliasot River ~ 0.3 km(W)

Project details

- Plot Area : 230.27 ac (931890.5 sq m)
- Net plot area : 219.67 ac (888991.4 sq m)
- Plotable Area : 4, 76,801.04 m2 (53.64%)
- Sectors : 05 (A, B, C, D and E)
- Types of plots : Comm.(18), Shop cum Res.(184)& Res.(3347)
- Total Plots : 3549
- Power Requirement : 18041 kVA
- Power Source : MPPGCL
- Water Requirement :3155 kid (Net water 2755kld)
- Water Source :Municipal Water Supply
- Green Area : 89,148 sq. m. (10.03%)
- Expected population : about 21565(18,000+visitors @20%)
- Total Cost : Rs. 118.78 Cr

Area statement for proposed group housing:

Description	Ha	Ac	Sq m	%
Plotable area	47.684	117.83	476830	53.64
Public amenities	4.494	11.10	44939.06	5.06
Green area	8.915	22.03	89148.14	10.03
Area under transport use	0.423	1.05	4229.912	0.48
Road area	27.385	67.67	273844.3	30.80
Total	88.901	219.67	888991.4	100.00

Area breakup for public amenities

S.No	Description	No.	Ha	Ac	Sq m	%
Public amenities						
1	Intermediate Hospital/Health center	1	1.108	2.74	11079.768	24.66
2	Primary School	2	0.853	2.11	8529.82	18.98
3	Nursery School	4	0.371	0.92	3709.92	8.26
4	Electric sub-station	3	0.39	0.96	3899.91	8.68
5	Religious place	4	1.415	3.50	14149.70	31.49
6	Community Hall	1	0.276	0.68	2759.94	6.14
7	Dispensary	1	0.081	0.20	809.98	1.80
	Total	16	4.49	11.10	44939.06	100.00

Water demand calculations

Commercial	Plot Size m2	No of plot	Plot Size	Population @ 5 person per plot	Water requirement per person in L	Total water requirement l	Total water requirement KLD
	420	18	7560	90	45	4050	4
Shop cum residential	Plot Size m2	No of plots	Plot Size	Population @ 4per plot	Water requirement per person in L	Total water requirement l	Total water requirement KLD
	216	47	10152	188	180	132480	132
	220.5	43	9481.5	172			
	135	94	12690	376			
TOTAL		**184**	**32323.5**	**736**			

Residential	Plot Size m2	No of plots	Plot Size	Population @ 5 Person per plot	Water requirement per person in L	Total water requirement l	Total water requirement KLD
	216	355	76680	1775	135	2259225	2259
	189	41	7749	205			
	135	1329	179415	6645			
	90	1216	109440	6080			
	60	406	24360	2030			
TOTAL		**3347**	**397644**	**16735**			
		3549				Total	2396
					15% Other Amenities		359.4
							2755

Sewerage Management

STP Capacity	Total 2280 kLD
STP Process	Secondary and Tertiary treatment process (SBR)/EMBBR occupies less space.
STP Location	5 units Decentralized STPôs 195 kLD - 2 units 630 kLD - 3 units

STP location	Capacity(kLD)	Units	Total, KLD
Upper canal area,Lower canal area	195	2	390
Right of upper and lower canal areas	630	3	1890

Water balance:

Description	Quantity(kLD)
Domestic water	1836
Flushing water	917
Gardening & green Belt development (treated sewage water)	400
Total requirement	Approx.3100
Net water Demand	2754 kLD

Rain water harvesting

SN	Description of Area	Area considered (Sq.m.)	Harvesting Factor or Collection Efficiency	Avg. Rainfall intensity (m)	Evaration /spillage loses Coefficient	Total Volume (Cu m/year)
1	Plotable areas	476830	RWH in accordance with BNN regulations by individuals			
2	Gardens/play	389148	0.15	1.1	0.8	51,368
3	master plan & Internal Road & Pathway Area	273845	0.55	1.1	0.8	2,40,984
	Grand Total					2,92,352

Green area details

Landscape Area = 89148.14 sq. m. (10.03%)

- Plantation of whole scheme shall be done CPA-Forest for which Rs 75 lakhs has been sanctioned.
- Local type of species proposed as below:

Details/ Distribution of Tree Plantation

Shrubs/ herbs to be planted

Avenue Trees: *Azadirachta indica* (neem), *Polyalthia longifolia*, *Gravellia robusta* (silver oak), pine species (conifers), *Dilbergia sisoo*, *Cassia semea*, *Tecoma urgentia, Ficus pilkhan, Ficus relgiousa, Ficus infectoria*

Creepers: Bougainvellas, *Tecoma grandiflora*, *Ficus repens*

Medium dwarf trees: F*icus benjamina, Ficus prestija,Ficus retusa, Ficus citation, Ficus nuda, Ficus panda,Ficus b variegata, Plumeria alba, Bamboosa vulgaris*

Shrubs: Malphigia, *Hamelia pattens*, Ixora, *Duranta golden*, *Ficus longisland*, China orange, Cophia, Fercaria, *Cycus revoluta*

Summary of parking details

- Parking area proposed 7,000 sq m (15%)at common areas
- Parking at open area
- Approx. 243 no of ECS (@ 23 sq.m) and 311 no of Two wheelers (@ 4.5 sq.m) at open space during operation stage
- The Project site is well connected with NH-12 (Hoshangabad Road& other Major dist.Roads)
- 24m width Separate entry and exist roads from 30m main master plan road and internal roads of 24m,12m,9m,7.5m,7m
- At Individual Plot levels : own parking facilities as per Local Authority.

Fire-fighting management plan

- As the Fire Fighting station of BHEL falls within the 10 KMS radius of the scheme. Although suitable measures for additional water capacity & fire hydrants will be taken in the projects.
- Two dedicated Fire Fighting storage tanks with a total capacity of 4,40,000 Litres capacity will be provided to meet the needs of the requirements in emergency.

Solid Waste Generation & Management

SN	Description	No. of persons are considered on average basis and based on experience of project of similar in nature	Approx. per Capita generation, kg/day	Total kg/day (appr.)
1.	Total Population	21,565 (Including Visitors)	0.4	8626
Total Estimated Solid Waste Generation 8626kg/Day (8.6 tons/day)				
2. Horticultural Waste Periodical Only				

Construction Stage	
Top soil : Top soil will be preserved separately and will be used for landscaping purpose	
Excavated Earth	Excavated soil will be disposed off in the areas designated by Local authority
Construction wastes	Materials like cement bags, waste papers, cardboard packing material, unusable steel in bits and pieces will be sold to recyclers
Operation Stage	
Nature of solid wastes	Bio-degradable waste: Waste vegetables and foods Recyclable waste: Papers, cartons, thermo coal, plastics, polythene bags, glass etc.
Segregation	Solid wastes generated will be collected and segregated into bio-degradable and recyclable components and collected in color coded separate bins.
Recycling	Recyclable wastes comprising recyclable materials, such as paper, plastic, glass etc., will be sold to prospective buyers.

After deliberations committee found the submissions satisfactory and acceptable hence the case was recommended for grant of prior EC subject to the following special conditions:

1. Project proponent i.e. BDA shall explore the possibility of providing infrastructure needed for dual plumbing in individual houses. Suitable ôPPPô model can also be worked out in this matter.
2. Necessary consents and authorization under the provisions of respective Acts shall be obtained from MPPCB.
3. Fresh water requirement for the project shall not exceed 2754 KLD. The same shall be ensured from the Municipal Corporation water supply.
4. Locations of the MSW bins and collection center for MSW shall be ear-marked before launching the operation of the project.
5. Press-filter dried STP sludge and the MSW shall not be stored at site for more than 48 hours; accordingly space of appropriate size shall be developed at suitable location within the project premises.
6. Appropriate play spaces shall be developed in the project.
7. All the directions issued by Honôble Supreme Court of India/National Green Tribunal/Ministry of Environment, Forest & Climate Change, New Delhi from time to time shall be applicable.

5. Case No. - 2335/2015 Shri Anil Khanna, General Manager, M/s Fortune Builders, E-7/841, Arera Colony, Bhopal-462016 (MP) 2942 dtd. 6-1-2015 *Environment Clearance for approval of proposed Group Housing Project "Fortune Divine City" at Village-Misrod, Tehsil-Huzur, District-Bhopal (M.P.)* ***Total Project Area - 23633.66 Sq.m., Total Built-upArea-29542 Sq.m.*** **Building Construction. Env. Consultant: DAS India, Lucknow (UP).** *SEIAA forwarded the intimation regarding initiation of credible action against the PP vide letter no. 2986 dated 11/03/15.*

This is a building construction project comprising development of a township in a plot area of 23633.66 m^2 and total built-up area proposed is 29542 m^2. It was reported by the PP that this is a case of violation where credible action has been initiated. It was submitted that approx. 95% construction is complete prior to submission of application for grant of EC. The construction has been ceased presently. The application and the evidence pertaining to legal action against the PP has been forwarded by the SEIAA for appraisal of the case on merits of the project. PP and his consultant presented the salient features of the project along with the environmental aspects, the impacts from the project and the mitigation adopted / proposed. The presentation and the submission made by the PP reveals following:

Brief Description:

Items	**Details**
Type of Building	Residential
Total Plot Area	23633.66 m^2
Total Ground Coverage	**Permissible Ground Coverage**= 30% of 23633.66 m^2 = 7090.098 m^2 Proposed ground coverage Residential= 5216.82m^2 Convenient shops= 554 m^2 **Total proposed= 5770.82 m^2 (24.42%)**
FAR	Permissible FAR = 29542.07 m^2 (1.25) Proposed FAR = 29542.07 m^2
Total (Non- FAR area)	Stilt Area: 5188.58 m^2
Built up area	29542.07 m^2

Open Area	Open Parking: 3076 m^2 Open for services: 231 m^2 Road and internal circulation space- 10,005.84 m^2 **Total open area: 13,312.84 m^2**
Landscape	3545 m^2 (15%)
No. of Trees	**200 Trees**
Number of floors & basements	(S+6) Floors, Basement: 1 no.
Parking facilities	**Required** 1. As per MoEF regulations: 295 ECS (@100 m^2 of FAR/ ECS) (29542/100 = 295) 2. As per State regulations: 169 Vehicle Space (@ 175 m^2 builtup/ ECS) 17 Vehicle Space (10% visitors parking) Total : 186 Total Parking Required - 295 **Parking Provided** Four wheeler (90% of net Stilt Area) @ 30 m^2 per 4669/30 = 156 ECS Two wheeler (10% of net Stilt Area) @ 10 m^2 per 518/10 = 51 Vehicle Space Four wheeler (90% of Open Area) @ 30 m^2 per Vehicle Space = 111 ECS Two wheeler (10% of Open Area) @ 10 m^2 per two wheeler = 31 Vehicle Space **Total Provided:** **4 wheeler: 267 ECS** **2 wheeler: 82 Vehicle Space**
Power requirement & source	2250 kVA Source : Madhya Pradesh Kshetra Vidyut Vitran Company Limited
Power Backup	1 DG sets of 82.5 kVA
Water Requirement and Source	**Total water requirement: 265 KLD** (Fresh water: 170 KLD, Recycled water: 95 KLD) **Source: Municipal water**
Estimated Population (fixed + floating)	Residential: 2530 Visitors: 200 Staffs: 125
No. of Blocks	The proposed project has 10 block types (A-J)
Number of floors	(S+5, G+3, G+2) Floors
Maximum Height	Approx 20 m
Dwelling units	506

Project Facilities:

- Entrance gate with smooth bell mouth entry/ exit & security.
- Visitors Parking
- 2 BHK and 3 BHK Apartments
- EWS/ LIG
- Childrenôs play ground

- Sound infrastructures
- Disabled Friendly design

Environmental Management Plan

- Provision of Dual Plumbing.
- Stacks of adequate height will be provided (as per MoEF norms)
- Stack emissions from DG set to be monitored.
- Exhaust from vehicles to be minimized by use of fuel efficient and well maintained vehicles having PUC certificate.
- Green belt to be provided with dust and noise absorbing species.
- Dust suppression through water sprinkling.
- Waste water will be treated in STP for recycling.
- Rain water collection in pits along the low lying areas of slope.
- Recycling of tertiary treated water to reduce dependency on ground water.
- Ensure drainage system and specific design measures are working effectively.
- Vehicles transporting loose construction material should be covered.
- Vehicle trips to be minimized to the extent possible.
- Tire washing at entry and exit points to prevent transportation of soil and dust, to and fro from the site.
- Maximum utilization of natural light.
- Minimum glazing factor in regularly occupied spaces

After deliberations, committee decided to visit the project site before making final recommendations.

6. Case No. - 2336/2015 Shri Anil Khanna, General Manager, M/s Fortune Soumya Housing, S-3/4, City Centre-1, Press Complex, Zone-1, M.P. Nagar, Bhopal-462011 (MP) SEIAA letter no. 2944 dtd. 6-1-2015 *Environment Clearance for approval of proposed Group Housing Project "Soumya Atlantis" at Village-Bagli, Barrai, Tehsil-Huzur, District-Bhopal (M.P.)* ***Total Project Area - 75743.94 Sq.m., Total Built-upArea-35015.95 Sq.m.*** **Building Construction. Env. Consultant:DAS India, Lucknow (UP)** *SEIAA forwarded the intimation regarding initiation of credible action against the PP vide letter no. 2986 dated 11/03/15*

This is a building construction project comprising development of a township in a plot area of 75743.94 m^2 and total built-up area proposed is 35015.95 m^2. It was reported by the PP that this is a case of violation where credible action has been initiated. It was submitted that approx.60% construction is complete prior to submission of application for grant of EC. The construction has been ceased presently. The application and the evidence pertaining to legal action against the PP have been forwarded by the SEIAA for appraisal of the case on merits of the project. PP and his consultant presented the salient features of the project along with the environmental aspects, the impacts from the project and the mitigation adopted / proposed. The presentation and the submission made by the PP reveal following:

Brief Description:

Items	Details
Type of Building	Residential
Total Plot Area	75743.94 m^2
Area of land under24 m wide road	3675.22 m^2
Net Plot Area	72068.72 m^2 Plotted development: 51406.34 m^2 Multi-dwelling unit: 20662.38 m^2
Total Ground Coverage	Permissible Ground Coverage for plotted development

	(30%)=15421.9 m^2 **Proposed = 15421.90 m^2 (30%)** Permissible ground coverage for Multi dwelling units (30%) = 6198.71 m^2 **Proposed= 6198.71 m^2 (30%)** **Totalproposed ground coverage = 21620.61 m^2**
FAR	Permissible FAR for Plotted Development (1.25) Permissible FAR for Multi-dwelling unit (1.25)= 25827.9 m^2 Compensatory FAR: 9188.05 m^2 (3675.22 m^2 *2.5) **Proposed FAR for Multi Dwelling development =35015.95 m^2**
Total (Non- FAR area)	Stilt Area: 4500 m^2 LIG /informal sectors : 1622.76 m^2 **Total: 6122.76m^2**
Built up area	**35015.95 m^2** **(Compensatory FAR+ FAR for multi unit development)**
Total open area	**50448.104 m^2** **(Net Plot Area – ground Coverage)**
Road and internal circulation space	25224.05 m^2 (50% of open area)
Landscape	25224.05 m^2 (50% of open area)
Number of floors	(S+6) Floors
Height of the Building	18 m + Stilt
Power Backup	1 DG sets of 125 kVA
Water Requirement and Source	628 KLD (Fresh water: 371 KLD, Recycled water: 257 KLD) Source: Ground water till the municipal supply is available
Sewage Treatment and Disposal	STP Capacity: 500 KLD Technology used: FAB
Total Solid Waste Generated	Approx. Approx. 3098 kg/day
Estimated Population (fixed + floating)	Residential including LIG: 3595 Plotted development: 1435 Visitors: 500 Staffs: 50 School : 1850 Entertainment building :55
Parking facilities	**For plotted development :** Open parking **For Multi-dwelling unit Development:** **Required** Parking required = 200 Vehicle Space @ 175 m^2 builtup/ ECS (as per M. P. Vikas Rule, 2007) Visitorôs parking (10% of residential parking) = 20 Vehicle Space **Total parking required= 220 Vehicle space** Four wheeler (75% of total Stilt Area) @ 30 m^2 per

	Vehicle Space= 112 Vehicle Space Two wheeler (25% of total Stilt Area) @ 10 m^2 per two wheeler = 112 Vehicle Space **Provided parking – 224 Vehicle Space**

Project Facilities:

- Entrance gate with smooth bell mouth entry/ exit & security.
- Visitors Parking
- 2 BHK and 3 BHK Apartments and Plots
- Convenient shopping/ Entertainment club
- Place for senior citizens
- Childrenôs play ground
- Sound infrastructures
- Disabled Friendly design

Environmental Management Plan

- Provision of Dual Plumbing in multi dwelling units.
- Disabled- friendly design with ramps etc.
- DG sets are to be provided within acoustic enclosures with height of chimney as specified by MoEFand stack emissions from DG set to be monitored.
- Implement good working practices (equipment selection and siting) to minimize noise and also reduce its impacts on human health (ear muffs, safe distances, and enclosures).
- Exhaust from vehicles to be minimized by use of fuel efficient and well maintained vehicles having PUC certificate.
- Green belt to be provided with dust and noise absorbing species.
- Dust suppression through water sprinkling.
- Waste water will be treated in STP for recycling.
- Rain water collection in pits along the low lying areas of slope.
- Recycling of tertiary treated water to reduce dependency on ground water.
- Ensure drainage system and specific design measures are working effectively.
- Vehicles transporting loose construction material should be covered.
- Vehicle trips to be minimized to the extent possible.
- Tire washing at entry and exit points to prevent transportation of soil and dust, to and fro from the site.
- Maximum utilization of natural light.
- Minimum glazing factor in regularly occupied spaces

After deliberations, committee decided to visit the project site before making final recommendations.

7. Case No. - 2337/2015 Shri Anil Khanna, General Manager, M/s Fortune Soumya Housing, S-3/4, City Centre-1, Press Complex, Zone-1, M.P. Nagar, Bhopal-462011 (MP) SEIAA letter no. 2946 dtd. 6-1-2015 *Environment Clearance for approval of proposed Group Housing Project "Fortune Signature" at Village-Badwai, Tehsil-Huzur, District-Bhopal (M.P.)* ***Total Project Area - 36070 Sq.m., Total Built-upArea- 45583.75 Sq.m.*** **Building Construction. Env. Consultant:DAS India, Lucknow (UP)** *SEIAA forwarded the intimation regarding initiation of credible action against the PP vide letter no. 2986 dated 11/03/15*

This is a building construction project comprising development of a township in a plot area of 36070 m^2 and total built-up area proposed is 45583.75 m^2. It was reported by the PP that this is a case of violation where credible action has been initiated. It was submitted that approx.60% construction is complete prior to submission of application for grant of EC. The construction has been ceased presently. The application and the evidence pertaining to legal action against the PP have been forwarded by the SEIAA for appraisal of the case on merits of the project. PP and his consultant presented the salient features of the project along with the environmental aspects, the impacts from the project and the mitigation adopted / proposed. The presentation and the submission made by the PP reveal following:

Brief Description:

Items	Details
Total Plot area	36,070 m^2
Deductable area under road widening	5,375 m^2
Net Plot Area	**30,713 m^2**
Ground Coverage	Permissible: 9,213.9 sq mt (30%) Proposed: 9,213.9 sq mt (30%)
FAR (a)	Permissible: 38,391.25 m^2 (@ 1.25) Compensatory FAR: 13,392.5 m^2 (5357 x 2.5) Total Permissible FAR: 51,783.75 m^2 Proposed Residential FAR: **45,383.75 m^2**
Service Area (b)	200 m^2
Total Basement Area (c)	769.5 m^2
Total Stilt Area (d)	7618 m^2
Area for informal sectors (e)	691.04 m^2
Built up area	**45,583.75 m^2** (a + b)
Total open area	21,499.1 m^2
Landscape	Required: 10,749 m^2 (50% of open area) Proposed :10,750 m^2 (50% of open area)
Area utilization	Ground/ stilt + 6 Floors
Maximum Height	Approx 20 m
No. of Units	No. of units in multi dwelling unit ï 594 Informal Sector ï 32 Staff ï 150 Visitors - 300
Parking facilities	**Required** Total Required Parking (as per MP Vikas Rules, 2011) 1 Vehicle space = 175 m^2 of Builtup Area = **260 Vehicle space** 10% parking for visitors = **26 Vehicle space** Total Required Parking = **286 Vehicle Space** **Parking Provided** Four wheeler (90% of net Stilt Area) @ 30 m^2 per Vehicle Space =6778/30 = 226 ECS Basement parking area @ 30m^2 / ECS = 769/30 = 25 Vehicle Space Two wheeler (10% of net Stilt Area) @ 10 m^2 per 840/10 = 84 Vehicle Space **Total Provided:** **335 Vehicle space**

Items	Details
Power requirement & source	2258 kVA Source : Madhya Pradesh Kshetra Vidyut Vitran Company Limited
Power Backup	1 DG sets of 125 kVA
Water Requirement and Source	**Total water requirement: 340 KLD** (Fresh water: 209 KLD, Recycled water: 131 KLD) **Source: Ground water till municipal supply is available**

Project Facilities:

- Entrance gate with smooth bell mouth entry/ exit & security.
- Visitors Parking
- 2 BHK and 3 BHK Apartments
- EWS/ LIG
- Childrenôs play ground
- Sound infrastructures
- Disabled Friendly design

Environmental Management Plan

- Provision of Dual Plumbing.
- Stacks of adequate height will be provided (as per MoEF norms)
- Stack emissions from DG set to be monitored.
- Exhaust from vehicles to be minimized by use of fuel efficient and well maintained vehicles having PUC certificate.
- Green belt to be provided with dust and noise absorbing species.
- Dust suppression through water sprinkling.
- Waste water will be treated in STP for recycling.
- Rain water collection in pits along the low lying areas of slope.
- Recycling of tertiary treated water to reduce dependency on ground water.
- Ensure drainage system and specific design measures are working effectively.
- Vehicles transporting loose construction material should be covered.
- Vehicle trips to be minimized to the extent possible.
- Tire washing at entry and exit points to prevent transportation of soil and dust, to and fro from the site.
- Maximum utilization of natural light.
- Minimum glazing factor in regularly occupied spaces

After deliberations, committee decided to visit the project site before making final recommendations.

8. Case No. - 2338/2015 Shri Anil Khanna, General Manager, M/s Fortune Soumya Housing, S-3/4, City Centre-1, Press Complex, Zone-1, M.P. Nagar, Bhopal-462011 (MP) SEIAA letter no. 2948 dtd. 6-1-2015 *Environment Clearance for approval of proposed Group Housing Project "Tulip Green" at Village-Mahabadia, Kolar Road, Tehsil & District-Bhopal (M.P.)* ***Total Project Area - 87100 Sq.m., Total Built-upArea-*** **1,14,947.62** ***Sq.m.*** **Building Construction. Env. Consultant:DAS India, Lucknow (UP)** *SEIAA forwarded the intimation regarding initiation of credible action against the PP vide letter no. 2986 dated 11/03/15*

This is a building construction project comprising development of a township in a plot area of 87100 m^2 and total built-up area proposed is 1,14,947.62 m^2. It was reported by the PP that this is a case of violation where credible action has been initiated. It was

submitted that approx.60% construction is complete prior to submission of application for grant of EC. The construction has been ceased presently. The application and the evidence pertaining to legal action against the PP have been forwarded by the SEIAA for appraisal of the case on merits of the project. PP and his consultant presented the salient features of the project along with the environmental aspects, the impacts from the project and the mitigation adopted / proposed. The presentation and the submission made by the PP reveal following:

Brief Description:

Items	Details
Total Plot area	87,100 m^2
Deductable area under road widening	3,937 m^2
Net Plot Area	**83,162.9 m^2**
Ground Coverage	Permissible: 24,948.87 sq mt (30%) Proposed: 15,186.17 sq mt (18.26%)
FAR (a)	Permissible: 1,03,935 m^2 (@ 1.25) Compensatory FAR: 7,874.20 m^2 (3,937.1 x 2.0) Total Permissible FAR: 1,11,827.62 m^2
Area for informal sectors (b)	3,120 m^2
Built up area	**As per MoEF: 1,14,947.62 m^2** (a + b) **As per MPBVR: 1,11,827.62 m^2**
Total open area	67,976.2 m^2 (81.76% of net plot area)
Landscape	26,854 m^2 (32.3% of net plot area)
No. of units to be developed	No of Plots : 440 LIG: 85
Power requirement and Backup power	2152.5 kVA Source : Madhya Pradesh Kshetra Vidyut Vitran Company Limited 1 DG set of 82.5 KVA
Water requirement and source	Fresh water: 239 KLD Recycled treated water: 145KLD Total water: 384 KLD Source: Ground water
Sewage Treatment	Amount of waste water generated : 215KLD STP Capacity: 260 KLD Technology: FAB
Solid waste management	**Domestic waste : 1381 kg/day** **Horticultural waste : 99 kg/day** **E- waste : <1kg/day**
Estimated Population Fixed + floating	Residential including LIG: 2625 Staff : 200 Visitors: 250

Project Facilities:

- Entrance gate with smooth bell mouth entry/ exit & security.
- Visitors Parking
- EWS/ LIG
- 12m, 9m, 7.5m and 6m wide internal road
- Childrenôs play ground
- Sound infrastructures
- Disabled Friendly design

Environmental Management Plan

- Silent Type DG set with anti-vibration pad will be provided.
- Stacks of adequate height will be provided (as per MoEF norms) and stack emission will be monitored
- Exhaust from vehicles to be minimized by use of fuel efficient and well maintained vehicles having PUC certificate.
- Green belt to be provided with dust and noise absorbing species.
- Dust suppression through water sprinkling.
- Waste water will be treated in STP for recycling.
- Rain water collection in pits along the low lying areas of slope.
- Recycling of tertiary treated water to reduce dependency on ground water.
- Ensure drainage system and specific design measures are working effectively.
- Vehicles transporting loose construction material should be covered.
- Vehicle trips to be minimized to the extent possible.
- Maximum utilization of natural light.
- Minimum glazing factor in regularly occupied spaces

After deliberations, committee decided to visit the project site before making final recommendations.

9. Case No. - 2339/2015 Shri Anil Khanna, General Manager, M/s Fortune Soumya Housing, S-3/4, City Centre-1, Press Complex, Zone-1, M.P. Nagar, Bhopal-462011 (MP) SEIAA letter no. 2962 dtd. 8-1-2015 Rec. dt. 14/01/15 *Environment Clearance for approval of proposed Group Housing Project "Fortune Soumya Heritage" at Village-Bhairopur, Tehsil-Huzur, District-Bhopal (M.P.)* ***Total Project Area*** *- 43981.27* ***Sq.m.****,* ***Total Built-upArea- 33654.2 Sq.m.*** **Building Construction. Env. Consultant:DAS India, Lucknow (UP)** *SEIAA forwarded the intimation regarding initiation of credible action against the PP vide letter no. 2986 dated 11/03/15*

(This is a case of violation where credible action has been initiated. Proponent humbly submits that approx 60% construction was complete prior to submission of application for grant of EC. The construction was ceased before filing the application for environmental clearance.)

Brief Description:

Items	Details
Total Plot area	43981.27 m^2
Area of land under 24 m wide road	233.67 m^2
Area of land under 18 m wide road	645.95 sqm
Net Plot Area	**43101.65 m^2** Total Area under plottable development- 19,842.6 m^2 (Phase I) Area under multiunit development- 23,259.05 m^2 (Phase II)
Ground Coverage	**For Plottable Development** Net plottable area of land ï 11607.6 m^2 **For Multiunit Development** Permissible Ground Coverage= 30% of 23259.6 m^2 = 6977.88 m^2 **Proposed = 6198.6 m^2 (26.65%)** **For Informal Sector** Ground Coverage = 242.45 m^2
FAR	**For Plottable Development** Permissible FAR = 1.25

Items	Details
	For Multiunit Development Permissible FAR = 29,074.44 Additional FAR of area under 24 m wide road = 584.18 sqm Additional FAR of area under 18 m wide road = 3565.22 sqm Permissible FAR = **33,223.84 m^2** **Proposed FAR = 33,223.2 m^2**
Total (Non- FAR area)	Stilt Area: 6312 m^2 Other Services: 431 m^2 Informal Sector = 969.8 m^2 **Total: 7712.8 m^2**
Built up area	**33,654.2 m^2** (33,223.2 m^2 FAR+ 431 m^2 Services area)
Road and internal circulation space	16761.18 m^2 (38.89%)
Landscape	8291.22 m^2 (19.2%)
No. of Units	No. of Plots ï 128 No. of units in multi dwelling unit ï 642 Informal Sector - 40
Maximum Height	Approx 18 m (S+6)
Parking facilities	**Required** Total Required Parking (as per MP Vikas Rules, 2011) 1 Vehicle space = 175 m^2 of Builtup Area = **193 Vehicle space** 10% parking for visitors = **20Vehicle space** Total Required Parking = **213 Vehicle Space** **Parking Provided** Four wheeler (90% of net Stilt Area) @ 30 m^2 per Vehicle Space =5680/30 = 189 ECS Two wheeler (10% of net Stilt Area) @ 10 m^2 per 632/10 = 63 Vehicle Space **Total Provided:** **252Vehicle space**
Power requirement & source	2258 kVA Source : Madhya Pradesh Kshetra Vidyut Vitran Company Limited
Power Backup	1 DG sets of 125 kVA
Water Requirement and Source	**Total water requirement: 413 KLD** (Fresh water: 282 KLD, Recycled water: 131 KLD) **Source: Ground water till municipal supply is available**
Estimated Population (fixed + floating)	Residential: 4050 Visitors: 400 Staffs: 100

Project Facilities:

- Entrance gate with smooth bell mouth entry/ exit & security.
- Visitors Parking
- 2 BHK and 3 BHK Apartments
- Plotted Development
- EWS/ LIG
- Childrenôs play ground
- Sound infrastructures
- Disabled Friendly design

Environmental Management Plan

- Provision of Dual Plumbing.
- Stacks of adequate height will be provided (as per MoEF norms)
- Stack emissions from DG set to be monitored.
- Exhaust from vehicles to be minimized by use of fuel efficient and well maintained vehicles having PUC certificate.
- Green belt to be provided with dust and noise absorbing species.
- Dust suppression through water sprinkling.
- Waste water will be treated in STP for recycling.
- Rain water collection in pits along the low lying areas of slope.
- Recycling of tertiary treated water to reduce dependency on ground water.
- Ensure drainage system and specific design measures are working effectively.
- Vehicles transporting loose construction material should be covered.
- Vehicle trips to be minimized to the extent possible.
- Tire washing at entry and exit points to prevent transportation of soil and dust, to and fro from the site.
- Maximum utilization of natural light.
- Minimum glazing factor in regularly occupied spaces

After deliberations, committee decided to visit the project site before making final recommendations.

10. Case No. - 2340/2015 Shri Anil Khanna, General Manager, M/s Fortune Builders, 157, Zone-1, M.P. Nagar, Bhopal-462011 (MP) SEIAA letter no. 2964 dtd. 8-1-2015, Rec. dt. 14/01/15 *Environment Clearance for approval of proposed Group Housing Project "Fortune Kasturi" at Village-Jatkhedi, Tehsil-Huzur, District-Bhopal (M.P.)* ***Total Project Area - 18285.73 Sq.m., Total Built-upArea- 33805.69 Sq.m.*** **For-Building Construction. Env.Consultant:DAS India, Lucknow** *SEIAA forwarded the intimation regarding initiation of credible action against the PP vide letter no. 2986 dated 11/03/15*

This is a building construction project comprising development of a township in a plot area of 18285.73 m^2 and total built-up area proposed is 33805.69 m^2. It was reported by the PP that this is a case of violation where credible action has been initiated. It was submitted that approx.60% construction is complete prior to submission of application for grant of EC. The construction has been ceased presently. The application and the evidence pertaining to legal action against the PP have been forwarded by the SEIAA for appraisal of the case on merits of the project. PP and his consultant presented the salient features of the project along with the environmental aspects, the impacts from the project and the mitigation adopted / proposed. The presentation and the submission made by the PP reveals following:

Brief Description:

Items	**Details**
Type of Building	Residential
Total Plot Area	21,120 m^2
Area of land under24 m wide road	2834.27 m^2
Net Plot Area	18285.73m^2
Total Ground Coverage	Permission Ground Coverage= 30% of 18285.73 m^2 = 5485.72 m^2 **Proposed = 5449.47 m^2 (29.8%)**
FAR	Permissible FAR (1.25) = 29942.84 m^2 (Additional FAR of Area under 24 m wide road)

	Proposed FAR = 29942.84 m^2
Total (Non- FAR area) (Basement and other services)	Basement: 480 m^2 Stilt Area: 4564.72 m^2 Other Services: 182.85 m^2 LIG = 2994.28 m^2 Informal Sector = 685.71 m^2 Total:8907.56 m^2
Built up area	**33805.69 m^2** (29942.84 m^2 FAR+ 3680m^2 LIG/ Informal Sectors+ 182.85 m^2 other services)
Road and internal circulation space	8251.34 m^2 (45.12%)
Landscape	4585 m^2
Height of the Building	18 m + Stilt
Number of floors & basements	(S+6) Floors, Basement: 1 no.
Power Backup	1 DG sets of 150 kVA
Water Requirement and Source	Total water requirement: 226 KLD (Fresh water: 128 KLD, Recycled water: 98 KLD) Source: Ground water till the municipal supply is available
Sewage Treatment and Disposal	STP Capacity: 175 KLD Technology used: FAB
Total Solid Waste Generated	Approx. 1020 kg/day
Estimated Population (fixed + floating)	Residential including LIG: 1930 Visitors: 200 Staffs: 50
Parking facilities	**Required** Total parking required = 193 Vehicle Space (@ 175 sqm built-up) Visitorôs Parking (10% of residential parking): 20 Vehicle space Total required: 212 Vehicle space **Provided – 213 Vehicle Space** Four wheeler (80% of total Stilt Area) @ 30 m^2 per Vehicle Space= 122 Vehicle Space Two wheeler (20% of total Stilt Area) @ 10 m^2 per two wheeler = 91Vehicle Space

Project Facilities:

- Entrance gate with smooth bell mouth entry/ exit & security.
- Visitors Parking
- 2 BHK and 3 BHK Apartments
- Place for senior citizens
- Childrenôs play ground
- Sound infrastructures
- Disabled Friendly design

Environmental Management Plan

- Provision of Dual Plumbing.
- Disabled- friendly design with ramps etc.

- DG sets are to be provided within acoustic enclosures with height of chimney as specified by MoEF and stack emissions from DG set to be monitored.
- Green belt to be provided with dust and noise absorbing species.
- Dust suppression through water sprinkling.
- Vehicles transporting loose construction material should be covered.
- Vehicle trips to be minimized to the extent possible.
- Implement good working practices (equipment selection and siting) to minimize noise and also reduce its impacts on human health (ear muffs, safe distances, and enclosures).
- Exhaust from vehicles to be minimized by use of fuel efficient and well maintained vehicles having PUC certificate.
- Waste water will be treated in STP for recycling.
- Rain water collection in pits along the low lying areas of slope.
- Recycling of tertiary treated water to reduce dependency on ground water.
- Maximum utilization of natural light.
- Ensure drainage system and specific design measures are working effectively.
- Tire washing at entry and exit points to prevent transportation of soil and dust, to and fro from the site.

After deliberations, committee decided to visit the project site before making final recommendations.

11. Case No. - 2092/2014 **Shri Sanjeev Sabharwal, Partner, M/s SARC Infrastructure & Technology, Near Bawarchi Restaurant, Hoshangabad Road, Bhopal-462026** SEIAA letter no. 2135 / SEIAA / 2014 dtd. 20-11-2014 CF from 167th meeting dated 10/01/15 *Prior Environment Clearance for approval of proposed commercial project "Pacific Business Centre" at Vill.-Bawadia Kalan, Tehsil-Huzur, District-Bhopal (MP)* **Building Construction. Env. Consultant-In Situ Enviro Care, Bhopal.** *SEIAA forwarded the intimation regarding initiation of credible action against the PP vide letter no. 2986 dated 11/03/15*

This is a building construction project comprising development of a township in a plot area of 52152.36 m^2 and total built-up area proposed is 16390.35 m^2. It was reported by the PP that this is a case of violation where credible action has been initiated. It was submitted that approx.20 % construction is complete prior to submission of application for grant of EC. The construction has been ceased presently. The application and the evidence pertaining to legal action against the PP have been forwarded by the SEIAA for appraisal of the case on merits of the project. PP and his consultant presented the salient features of the project along with the environmental aspects, the impacts from the project and the mitigation adopted / proposed.

Total Area of the Plot	: 16390.35 Sq.mt
Proposed Builtï Up Area	: 52152.36 Sq.mt
Land Use	: Business Centre Comprising of Office Spaces, Commercial Space, Hotel & Cineplex
Building Height	: 18.0 m. Maximum (G+4 + 2 Basement Area)
ROW	: 18.0 m. Wide Road (Max.)
Road width /MOS	: 18 /15/15 /12 Mts. wide
Total Net Fresh Water Demand	: 226 KLD
Municipal Water Supply	: 73 KLD
STP Capacity	: 170 KLD
Solid Waste Generation	: 1.861 TPD
Power Demand	: 4765 KVA

Back Up Source	: 4770 KVA (D.G. Set ï 2 x 1010 KVA, 2 X 500 KVA, 2 X 625 KVA, 2X 250 KVA)
Railway Station	: Habibganj Railway Station ï 4.5 Km away from site
Air Port	: Bhopal Airportï 22.5 Km away from site
Amenities Included	: Office Space, 1 No. Hotel 60-90 Rooms, Two Screen Multiplex, Play zone for Kids, Food Court

Statutory approvals obtained

1. T & CP Approval-Bhopal- SN/01/LP53/29/NGRANI/GKA/2007 DATED 22/03/2007
2. Copy of colony development permission S/N/628 DATED 10/02/2012
2. Copy of partnership deed
3. Copy of building permission from BMC.
4. Copy of water supply consent permission from BMC.
5. Registration of firm.
6. Copy of fire NOC
7. Copy of water supply consent from BMC

After deliberations, committee decided to visit the project site before making final recommendations.

12. Case No. – 2190/2014 Mr. K.L. Moolani, MD, Bhojpal Builders & Developers Pvt. Ltd., Mez. Floor-3, R.K. Tower, 93-94, Zone-II, M.P. Nagar, Bhopal-4620 2502/SEIAA/2014 dtd. 04-12-2014 Rec. dt. 09/12/14 CF from 168th meeting dated 11/01/15 *"Shri Krishna Heights" at Vill.-Barrai, Tehsil-Huzur, District- Bhopal (M.P.)* **For – Building Construction. Env. Consultant-In Situ Enviro Care, Bhopal.** *SEIAA forwarded the intimation regarding initiation of credible action against the PP vide letter no. 2986 dated 11/03/15*

This is a building construction project comprising development of a township in a plot area of 40,400 m^2 and total built-up area proposed is 51179.76 m^2. It was reported by the PP that this is a case of violation where credible action has been initiated. It was submitted that approx.36% construction is complete prior to submission of application for grant of EC. The construction has been ceased presently. The application and the evidence pertaining to legal action against the PP have been forwarded by the SEIAA for appraisal of the case on merits of the project. PP and his consultant presented the salient features of the project along with the environmental aspects, the impacts from the project and the mitigation adopted / proposed.

Total Area of The Plot	: 40400.00 Sq.mt
Proposed Builtï Up Area	: 51179.76.00 Sq.mt
Land Use	: Residential
Building Height	: 18.0 m. Maximum
ROW	: 12.0 m. Wide Road Proposed.

After deliberations, committee decided to visit the project site before making final recommendations.

13. Case No. - 2458/2015 Mr. Neeraj Bhushan Macker, 501, 5th Floor, Ashima Corporate Zone, Ashima Mall, Hoshangabad Road, Bhopal-462026 SEIAA letter no. 3576 dt. 16-02-15 *Prior Environment Clearance for approval of proposed project "Silver Estate Vertica Located at 60, 61, 62, 63, 64/1, 66, at Village-Katara, Tehsil-Huzur, District-Bhopal (MP)* ***Plot Area-16,700 sq.m. & Built up Area-27,033.28 m^2.*** **For-Building Construction. Env. Consultant- GRC (I), Noida, U.P.**

This is a building construction project comprising development of a township in a plot area of 16700 m^2 and total built-up area proposed is 27,033.28 m^2. It was reported by the PP

that this is a case of violation where credible action has been initiated. It was submitted that approx.50% construction is complete prior to submission of application for grant of EC. The construction has been ceased presently. The application and the evidence pertaining to legal action against the PP have been forwarded by the SEIAA for appraisal of the case on merits of the project. PP and his consultant presented the salient features of the project along with the environmental aspects, the impacts from the project and the mitigation adopted / proposed. The presentation and the submission made by the PP reveals following:

- Group Housing Project is located at Village Katara, Distt. Bhopal, (M.P.) on a land admeasuring 16,700 Sq.m.
- The Colonizers License has been granted in the name of M/s Macker Real Ventures vide letter no. 280/B-121/2012-13.
- The project site is well connected through rail, the nearest railway station being Misrod railway station, about 3.75 (NW) km away from the project site.
- Bhopal Airport is situated around 20.20 km (NW) from the project site.
- The nearest highway is NH-12 which is 4.70 Km (NW) away from the project site.
- Danish Nagar Bus Stop is 3.80 km (WNW) away from the project site connecting the nearby local areas.

Details of the land:

S.No.	Khasra Number	AREA (Hact.)	Name of Owner	Name of J.V. Holder
1	60	0.25	Vishan Asnani	Macker Real Ventures (Proprietor: Neeraj Bhushan Macker)
2	61	0.24	Deep Nirman Pvt.Ltd.	
3	62	0.27	Asnani Builders and developers Ltd.	
4	63	0.21	Deep Nirman Pvt.Ltd.	
5	64/1	0.4	Asnani Builders and developers Ltd.	
6	66	0.3		
Total Hectares		1.67		

Locational features

SN	Features	Description	Distance & Direction
1.	Nearest Airport	Bhopal Airport	20.20 km, NW
2.	Nearest Railway Station	Misrod Railway station	3.65 km, NW
3.	Nearest National Highway	NH-12	4.70 km, NW
4.	Nearest Temple	Ancient Shiv Temple	1.9 km, NW
5.	Nearest School	Asnani School	1.4 km, W
6.	Nearest Hospital	Bombay hospital AIIMS	8.98 km SSW Approx. 4 km

Project area statement details

SN	Particulars	Area (in m2)
1.	Plot Area	16,700
2.	Area under Road Widening	1,064.53
3.	Net Plot Area	15,635.47
4.	Permissible Ground Coverage (@ 30%) of Net Plot area	5,010.00
5.	Achieved Ground coverage (@ 25.20%)	3,940.14
6.	Permissible FAR (@ 125%) of Net Plot area	(16,700+1,064.53) =17,764.53*1.25=22,205.66

7.	Achieved FAR (@ 1.24%)	22,205.66
8.	Built Up Area (F.A.R + Stilt)	27,033.48
9.	Landscape Area (@ 33%)	5,511
10.	Open Area	2,405.39
11.	Stilt	4,676.39
12.	Maximum Height of Building (Till terrace level)	20 m

Project Details

Project features	Description
Total Estimated Population	1,918 persons (Residents, Staff & Visitor)
Total Estimated Water Requirement Construction Phase Operation Phase	 135 ML (Agency: Private Water Tanker) 256 KLD (Fresh Water = 155 KLD) (Agency: Municipal corporation)
Total Estimated Wastewater Generation Construction Phase Operation Phase	5.4 KLD 190 KLD
Power Demand Power Back-up	1500 KVA 125 KVA (1 X 125 KVA)
Source of Power	Madhya Pradesh State Electricity Board (MPSEB)
Solid Waste Generation	948 kg/day
Parking Facilities Required Proposed	As per MoEF norms: 225 ECS As per M.P. bye-laws: 139 ECS 226 ECS (Open-70; Stilt-156)
Project Cost	Rs. 25 Crores

Water and wastewater managment

S. N	Likely impact	Management / mitigative measures
A) During Construction Phase		
1 2 3	Agency: Private Water Tanker Water Demand = 135 ML Wastewater Generation = 5.4 KLD	1. The site drainage is planned in such a way that there is no accumulation of wastewater within the project premises or in the vicinity of the site. 2. Mobile type sulabh shauchalayas is provided for construction laborers.
B) During Operation Phase		
1 2 3	Agency: Municipal corporation supply and alternatively Ground water (if required) Total Water Demand =256 KLD Fresh water = 155 KLD Flushing = 66 KLD Horticulture = 34 KLD Wastewater Generation = 190 KLD	1. STP of 20 % higher capacity proposed to treat wastewater. Drip & Spray irrigation will be done for reducing water demand. 3. Treated sewage will be used for Horticulture and flushing.

EMP for Air environment

Construction phase

Dust Suppression System:

- Seeding on the top of preserved top soil so as to prevent dust emissions from it.
- Wind breakers all along the periphery of the project site.
- Sprinklers.

Operation phase

- Source of air pollution: Vehicular movement and DG sets
- To combat air pollution ($PM_{2.5}$, PM_{10}, SO_2, CO and NO_2), development of green belt has been proposed and proper traffic management would be ensured.
- Stack height of 26 m above the ground level is proposed to be provided as per CPCB guidelines.

Solid waste management (during construction phase)

SN	Likely Impact	Management/ Mitigative Measures
1. 2.	Types of waste such like bricks, concrete, MS rods, tiles, wood etc. is being generated. Soil is excavated periodically from earth work in phased manner.	• Construction yards are proposed for storage of construction materials. • Remaining soil is utilized for refilling/road work/raising of site level at locations. • There are ñRefuse Containersò at site for the management of domestic waste generated by the construction labourers and these containers are emptied at least once daily. • Cement bags, waste paper and packing material (cardboard) are sold off to recyclers.

Solid waste generation (During operational phase)

Category	Waste generated (kg per capita per day)	Waste generated (kg/day)
Residents	1575@ 0.55 kg/day	866.25
Visitors	244 @ 0.15 kg/day	36.6
Staff	99@ 0.25 kg/day	24.75
Landscape waste (0.9392 acres)	1.37@ 15 kg/acre/day	20.6
Total solid waste generated		948 kg/day

Likely impact	Management / mitigative measures
Approx. 948 kg/day of solid waste would be generated (@ 0.15 kg/capita/day for visitors, 0.25 kg/capita/day for staff members, 0.55 kg/capita/day for residents and landscape wastes @ 15 kg/acre/day). a) 60% Bio-degradable waste b) 30% Recyclables c) 10% Inert waste Periodic STP Sludge Horticulture Waste E-waste	A door to door collection system will be provided for collection of domestic waste in plastic bags from household units. Bio-degradable waste will be subjected to Organic waste converter and the compost will be used as manure for Horticulture purposes. Horticultural Waste will be composted and used for gardening purposes. STP sludge is will be used for horticultural purposes as manure E-waste will be managed as per E-waste (Management & Handling Rules, 2011). It will be handed over to CPCB approved vendors.

Parking proposed

Particulars	Area (in m^2)	Min. Area req./ecs	Parking proposed
Open Parking	1750	25	70

Stilt Parking	4676.39	30	156
Total Parking Proposed			226 ECS

Fire fighting measures

- The entire complex has been provided with fire fighting arrangements as per NBC, 2005. There will be adequate location of fire hydrant with Hose Reel proposed to be installed in all blocks.
- Fire-Water Connections
- Firewater inlet & outlet connections has been provided to the water storage tanks;
- External main fire ring is provided. This external fire ring is separated from the Sprinkler Main Systems;
- All flow switches, test valves, drain pipes etc. is provided as per NFPA guidelines on the sprinkler system;
- All pump installation and arrangements is in accordance with IRI guidelines and NFPA-20;
- All pumps and accessories and electrical controllers will be as per UL/FM lists, tested, approved and certified; and
- By-pass arrangements are provided with NRV & gate valve and bulk flow meter on the discharge header of each pump to check the duties of pumps.

Landscape Details

- For the project, Greenery will be provided in 5,511 sqm (@ 33% of the plot area),
- A diverse variety of indigenous evergreen and ornamental trees would be planted.
- The plant species will be selected on the basis of Urban Standard Plantation norms and CPCB guidelines.

Total Power demand: 1,500 kVA

Power backup: 1 DG set of 125 KVA capacity (1 X 125 kVA)

Energy conservation measures proposed

- Maximum use of natural lighting through architectural design.
- All common spaces including street lights (where there is no use of light for reading purposes), will be of ñLED. All internal lighting will be BEE star rated and solar lit, at least to an extent of 25%.
- Integration of automated system to operate electrical equipment as per load requirement to save energy
- Use of solar energy for street lighting & hot water generation.

Environment management cost

Component	Capital cost (Rs. In lacs)	Recurring cost (Rs. In lacs)
Sewage Treatment Plant	20	2
Rain Water Harvesting System	9	1.15
Solid Waste Management	7	2
Environmental Monitoring	9	2.5
Green Area	4	0.5
Others (Energy saving devices, miscellaneous)	5	1.25
Total	54	9.4

Environment monitoring cost (Construction Phase)

SN	Particulars	Parameters	Frequency	Approx. Recurring cost / annum (Rs. lacs)
1.	Ambient Air Monitoring	PM2.5, PM10, SO2 & NO2	Once in a Month	2.0

2.	Water Quality Monitoring	Drinking Water Specifications	Once in three months	2.0
3.	Noise Level Monitoring	24 Hrs. Noise Level	Once in Every Week	1.0
Total		Rs. 5.0 Lacs		

After deliberations, committee decided to visit the project site before making final recommendations.

14. Case No. 1753/2014 Shri Ramdas Kamath, Sr. VP, Head Infrastructure and Security M/s Infosys Ltd. , Plot No. -44, Electronic City, Hosur Road, Banglore -560100 – For EIA Presentation Building Construction . 3146-3147/SEIAA/2015 dtd. 17-03-2015

Infosys Campus at Super Corridor at Village – Tigriya Badshah and Bada Bangarda, Tehsil – Hatod, Distt. - Indore (M.P.) Total ***Project Area – 5,26,415.55 m² Built-up Area- 3,00,489.74 m² -Apply 8(b)*** *Cat.***For – Building Construction. Env. Consultant: DAS India, Lucknow (U.P.)** (ToR issued 150 SEAC Meeting dt. 26/09/14 vide letter No. ï 159 dt. 30/09/14)

This is an Area development project comprising Total Plot Area- 5,26,415.55 m^2 and a built up area of 3,00,489.74 m^2. The project is covered under the EIA notification as item 8(b) and requires prior EC from SEIAA. The TOR was issued to carry out EIA and prepare EMP vide letter dated 30/09/2014. The EIA submitted by the PP was forwarded by SEIAA for appraisal. EIA report and the salient features of the project were presented by the PP and his consultant before the committee.

Project Details:

Items	Details
Total Plot area	5,26,415.55m^2
Ground coverage	Permissible: 30 % of Net Planning area Proposed: 34459.83m^2(6.55% of Net Planning area)
FAR	Permissible: 3 (9,91,386.81m^2) Proposed: 1.7 (1,77,631.31 m^2)
Non FAR (MLCP & service area)	1,18,320m^2
Total Built up area	3,00,489.74m^2
Green Belt Area	1,57,924.66 m^2
Landscape area	12,758 m^2
Plantation Area	145794.44 m^2
Total Green Area	316477.11m^2(60.12%)
No. of Trees	42,200
Lake Area	40099.44 m^2 (5 in No.)
Paved/ Open Area	135379.18 m^2 (25.71%)
Height of Building	Approx 45 m (G+10 Floors)
Parking facilities	Required : 3316 ECS Provided: 4544 ECS (Surface- 600 ECS, Surface two-wheeler: 660, MLCP-3944 ECS,)
Power requirement& source	5599 KW or 5894 KVA (@ 0.95 P.F) Source: Solar Panels & MPSEB (Madhya Pradesh State Electricity Board).
Power backup	DG Sets: 4 no. x 2000KVA
Water requirement & source	Fresh water: 653 KLD (from Municipal Water/ lake)

Items	Details
	Reuse of treated effluent from STP -784 KLD RO Reject Reused- 122 KLD Total water requirement: 1559 KLD
Sewage Treatment & Disposal	STP Capacity: 1000 KLD STP Technology: MBR
Total solid waste generated	Total municipal waste generated: 4263 kg/day Total E-waste generated: 50 MT/annum Biomedical Waste generated: 0.5 kg/day

Development Mix of the Proposed Project

Particulars	Blocks	Floors	Population (per day)
Software Development Block (SDB)	4	G+9	13040
Employee Care Center (ECC)	1	G+10	353
Food Court	2	G+1	3000
Multi-Level Car Parking (MLCP)	1	G+8	3944 ECS parking

EMP

During construction:

Air

- Tire washing at entry and exit points to prevent transportation of soil and dust, to and fro from the site.
- Any dry, dusty materials to be stored in sealed containers or under tarpaulin to prevent from blowing.
- Dust suppression through water sprinkling using water trucks, handheld sprays and automatic sprinkler systems.
- Vehicles transporting loose construction material should be covered.
- Provision of proper and adequate PPE to workers

During operation:

Air

- Use of low Sulphur diesel for DG sets
- Stacks to be provided with adequate height (as per MoEF norms) and their emissions monitored
- Exhaust from vehicles to be minimized by use of fuel efficient vehicles and well maintained vehicles having PUC certificate.
- Green belt to be provided with dust and noise absorbing specie.
- Walking tracks to reduce the use of vehicle within premises
- Car pooling / Use of shift staff buses

Water

- Provision of Mobile Toilets, Portable STP during construction phase
- Rain water harvesting through lakes and use of this harvested water for consumption.
- Dual plumbing, recycling and use of efficient water fixture reduce fresh water demands.
- Municipal water requirement is reduced (440 KLD) due to use of recycled and rain water harvested.
- RO Reject characteristics shall be monitored

Noise

- Silent type DG sets with anti-vibration pads will be provided
- Peripheral plantations to act as noise barriers.

Electrical

- Acoustically treated DG Sets of Adequate capacity with standby arrangement will be provided for backup.

- HSD Storage yard with min 2 days storage capacity shall be provided
- Street Lighting and landscape lighting through solar power.
- Day time lighting through Solar Power

Waste generation and disposal

- Solid waste from site will be collected on a daily basis and managed as per MSW Rule, through hired agency.
- Hazardous waste shall be disposed as per Hazardous Wastes (Management, Handling and Trans boundary movement Rules), 2008, through hired agency.

Biological

- Minimization of turf area and increase of vegetative area.
- Plantations of species that are native to the area, fast growing and with good canopy cover.

Fire Fighting

- As per NBC this premises is classified as Business building, Group ï E, Sub -division E5.
- National Building Code (NBC) of India 2005, Part ï 4, Fire and Life Safety
- As per local Fire NOC issued from local Fire authority (Indore).

The presentation and the submission made by the Pp were found to be satisfactory and acceptable thus, the case was recommended for grant of prior ECsubject to the following special conditions:

1. Company shall target for obtaining the Platium Rating under Green building Certification from LEED.
2. Necessary consents and authorization shall be obtained from MPPCB under the provisions of respective Acts & rules.
3. Constuction of STP and development of green areas shall be taken up along with the other project activities.
4. At least 06 COC shall be maintained in the cooling tower.

15. Case No. – 1986/2014 Shri Brijendra Sharma, M/s Ambe Crusher Alirajpur, 09, Siddheshav Colony, Tehsil & District-Jhabua (MP)-457550 SEIAA letter no. 1866 SEIAA/2014 dtd. 10-11-2014, CF from 163rd meeting dt. 24/12/14 PP req rec. dt 23/2/15 *Metal Stone and murrum Quarry* ***Lease Area – 8.00 ha.*** *at Village-Madhupallavi, Tehsil-Sondawa, District-Alirajpur (MP) proposed prod. Cap- stone- 2,54683 m3/ year and murrum- 11073m3 / year.*

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located *at Village-Madhupallavi, Tehsil-Sondawa, District-Alirajpur (MP) in* 8.00 ha. The project requires prior EC before commencement of any activity at site. PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. It was reported by the concerned Mining Officer of mining department vide letter no.1533 dated 24/09/2014, that 03 more mines are operating / proposed within 500 meter radius around the said mine with total lease area of 14.0 Ha. PP has reported that the pit formed after mining shall be developed into a water body. Crusher is proposed in the lease area.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions:

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 mined out pits shall be developed into water body being appropriately fenced and with safe stairway.

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 pollution control measures for crusher have to be installed as per the recommendation of MPPCB.
6. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
7. Curtaining of site shall be done using appropriate media.
8. Garland drains and check-dams shall be constructed considering the slopes of the lease area.
9. Production of stone boulder shall be as per the mining plan not exceeding - stone: 1.0 lac m^3/Year and murrum: *11073 m3/year.* The maximum average depth of pits shall not exceed 12 meters consideringthe shape and size of the lease area.
10. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Peripheral plantation shall be carried out in the first year itself.
11. Transportation shall not be carried out through forest area.
12. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
13. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
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.

16. Case No. 2551/2015 Mr. M.S. Ajnare, Chief Engineer, Lower Narmada Projects, Narmada Bhawan Scheme, 74, C-Sector, BG, Indore-452010 SEIAA letter no. 3099-3100 / SEIAA / 2015 dtd. 13-03-2015 *Prior Environment Clearance for proposed "Narmada Malwa Gambhir Link Project" at Khasra No. – 98/1, PHN- 46, Village-Barwah, Tehsil-Barwah, Sanwer, Ujjain, Depalpur, Ghatiya, Barnagar, Dist-Khargone (MP)* ***Land Area- 50000 Ha., Net Culturable Command Area (Ha.)- 50000.*** **For – ToR Env. Consultant: R.S. Envirolink Technologies (P) Ltd.**

This is Irrigation project compring lift irrigation with Net CCA of 50000 Ha. The water shall be lifted from the existing source and transported to the command area through Pipes therefore, no submergence is proposed in the project. Hence by virtue of the nature of the project it falls under category ï B. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. The salient features of the project along with the proposed TOR were presented by the PP and their consultants before the committee which reveal following.

Salient features of the Project:

Type of Project	**:**	**Major Lift Irrigation Project**
Location		
▪ Lifting Point	:	In Khargone District, near Junction Structure of Right Bank Canal of Omkareshwar Project at RD 9.775 km.
▪ Command	:	In Indore & Ujjain District
River Basin		
▪ Name		
Lifting	:	Narmada Basin
Command	:	Gambhir & Kshipra Sub Basin of Chambal Basin

- Located In : Madhya Pradesh

River/ Tributaries : Narmada to Gambhir River (Interlinking river project)

- Lifting Point/ Rising Main : Khargone Barwaha
- Command Area : Indore Sanwer
  Depalpur
  Ujjain Ujjain
  Ghatiya
  Khachrod
  Barnagar

Location of Head-works

- Lifting Point : Barwaha village of Khargone District
  (Junction structure at RD 9.775 km of Right Bank Canal)

Earthquake Zone : Zone-III (Moderate Seismic)

- Area to be irrigated

Kharif : 32,000 ha.
Rabi : 45,000 ha.
Summer : 1,000 ha.
Gross Irrigated area : 78,000 ha.
Intensity of irrigation : 156%

- Water utilization : 12.5 cumec
  (for irrigation only)

Project Performance

- Irrigation : 50,000 ha.

Head Regulator(s): Junction Structure shall be constructed near Barwaha village of Khargone district as outlets for Left Bank Canal & Right Bank Canal

Canal System

- Main Canal (Piped) : Right Bank Pipe ï 75.00 km
  Left Bank Pipe ï 57.50 km
- Purpose : Irrigation and raw water to every villages of command area
- Type : Pipe line (M.S. Pipe)
  Disnet will be of HDPE pipe
- Flow : Piped system

Water availability

- NWDT ordered that out of the utilizable quantum of Narmada waters, Madhya Pradesh is entitled to a share of 18.25 Million Acre Feet
- Present use by Madhya Pradesh is 12 MAF
- Hence, it has been planned to divert (for drinking & irrigation purposes) a part of allocated share of water to Malwa region which is continuously facing acute problem of surface and sub surface water since decades.

Water Regime in Upper Chambal basin

- The Upper Chambal Sub-basin is one of the most water deficient region in India. Per capita water availability in 2011 is 212 Cum and in 2050 it will further come down to 121 Cum.
- The total demand of water for domestic and industrial purposes will be doubled from existing 304 MCM to 586 MCM.
- Irrigation water demand will remain stagnant to about 553 MCM unless water is imported from nearby basin.
- The ground water resources have indicated over exploitation in most of the tehsils. As against net ground water availability of 3527 MCM, the annual draft for all purposes is 3,741 MCM.
- Present demand of additional water is being mined from ground water resources which is causing depletion of ground water table. This situation will go on worsening with the passage

of time as demand will increase to an unmanageable state as there will not be usable ground water left.

- To further arrest depletion of ground water resources and for providing at least 15% of existing area irrigated mostly by ground water and considering all other demands, total water requirement will be 5317 MCM in 2050 scenario. Hence, at 75% dependability water deficit is 2661 MCM and that at 50% dependability is 749 MCM.
- At least 2661 MCM water will be required to be provided additionally. The study indicates that additional demand for water can only be met by bringing additional water from nearby basins/sub-basins.

It was submitted by the PP that since project doesnôt involve any submergence and water conductor system consists of pipeline, pumping and command area, EIA study is based on secondary data and limited primary data to substantiate secondary level information. Accordingly the TOR was proposed by the proponent.

After deliberations TOR was approved by the committee with inclusion of the following points in addition to standard TOR:

1. A detail of the source (quantum of water available, other potential users etc.) from water is envisaged to be lifted shall be furnished.
2. Sedimentation study in the pipe lines including the deposition, scaling etc.
3. How micro-irrigation technology shall be implemented in this project after the completion of the project.
4. The study area for the EIA shall include 0.5 Km area on either sides of the pipeline.
5. Management plan for dug-out material generated during laying / construction of the pipe line / structures.
6. An inventory of various features such as sensitive aeas, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
7. An inventory of flora & fauna based on actual ground survey shall be presented.
8. As forest land is involved in the project FC stage to be clarified with supporting documents.
9. As reported that the baseline data collection has already been initiated, the same can be used in the EIA report.

17. Case No. 2395/2015- Shri Saurabh Garg, 85, Vinay Nagar, Sector-2, Gwalior (MP)-474010- *Prior Environment Clearance for approval of Metal Stone Quarry in an area of 3.00 ha. (1,34,205 cum/year) at Village-Pratappura, Tehsil-Orchha, District-Tikamgarh (MP) SEIAA letter no.* 3167 dt. 19-01-15. (Originally scheduled in the 180th SEAC meeting dated 26/03/2015 and allowed for presentation on request of PP, with due permission of Chairman.) ï TOR. **Env. Consultant: GRC India (L) Noida (U.P.).**

The case was scheduled in the meeting dated 26/03/2015. PP has moved an anticipatory request for considering the Case in this meeting as he was not able to attend the meeting on 26/03/2015. With due permission of the Chairman committee allowed the PP for the presentation.

Presentation and submission reveals that this is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located *at Village-Pratappura, Tehsil-Orchha, District-Tikamgarh (MP) in* 3.00 ha. The project requires prior EC before commencement of any activity at site. PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site. It was reported by the concerned Mining Officer of mining department vide letter no.1153 dated 07/08/2014, that 14 more mine is operating / proposed within 500 meter radius around the said mine with total lease area of 42 Ha. Crusher is proposed in the lease area. Scrutiny of the project reveals that ï

- A cluster of more than 25 Ha is formed within 500 meters and the inter-state boundary (Madhya Pradesh- Uttar Pradesh inter-state boundary) is less than 5 Km general condition shall be applicable as per the provisions of EIA notification accordingly the case falls under the category óAô

- As the project is located within 10 Km from the Orchcha Abhyaran hence O.M. of MoEF dated 20/08/2014 shall also be applicable.

Owing to the above facts it was decided to return the case to SEIAA for further necessary action in the matter.

Discussion on miscellaneous issues:

Case No. 1650/2013- The Project of Shri Dharmendra Singh, Solanki Distt. ï Khargone (M.P.) - Harbanspura Road Metal Stone Quarry Lease Area ï 1.70 ha. at Survey No.- 41/1, Village - Harbanpura, Tehsil ï Punasa, Distt. ï Khandwa (M.P.) was appraised in the 149th SEAC Meeting and recommended for grant of prior EC by the SEAC in the 156th for the Prod. Capacity of 30000 m3/Year. The application was made for the production capacity of 70000 m3 / Year whereas, Mining Plan approved latter was for only 7500 M3/ Year.
SEIAA vide letter dated 08/01/2015 has requested for a clarification on the above.
Scrutiny of the matter reveals that initial estimates for the possible production from the mine was about 30000 m3/ Year, whereas, mining plan was approved only for 7500 m^3/ Year. Thus, it appears that the case was recommended for Prod. Capa. as per the Mine Plan but not exceeding 30000 m^3 / Year due to clerical mistake while recording the data from draft minutes.

In view of the above facts it is recommended that the production capacity for the project may be taken as ôProduction of stone boulder shall be as per the mining plan not exceeding 7500 m3 /Year.ô

Meeting ended with thanks to the Chair and the Members.

[R.B. Lal, Chairman] **[K.P. Nyati, Member]** **[Manohar K. Joshi, Member]**

[Dr. Alok Mittal, Member] **[Dr. M.P. Singh, Member]**

[Dr. Srinivasan K. Iyer, Member] **[A.A. Mishra, Secretary]**