

The 282nd meeting of the State Expert Appraisal Committee (SEAC) was held on 10th October, 2016 under the Vice-chairmanship of Shri K. P. Nyati for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. U. R. Singh, Member
2. Shri Rameshwar Maheshwari, Member
3. Dr. Dr. Alok Mittal, Member
4. Shri. A. A. Mishra, Member Secretary

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

1. **Case No. - 5332/2016 Executive Engineer, M. P. Housing & Infrastructure Development Board, Jhansi Road, Makrioniya, Distt. - Sagar, (M.P.) - 470004 Development at 5.779 Ha land and Construction at 27 HIGA, 47 HIGB, 88 MIGB and 108 EWS and 10 Shops at Khasra no.-42/2, 57, 59, 60, Mangal Vihar Colony, Village- Dharmshree, Tehsil & Distt. - Sagar, (M.P.) Total Area of Land - 57790sq.m.(5.779 ha.), Total Plot Area – 29053 sq.m. Total Build-Up Area - 24627.40 sq.m., For-Building Construction. Env. Consultant- Not disclosed. Case forwarded SEIAA letter no. 3267 dtd. 27-08-16 rec. 31/8/16.**

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 is a proposed project for development at 5.779 Ha land and Construction of 27 HIGA, 47 HIGB, 88 MIGB and 108 EWS and 10 Shops at Khasra no.-42/2, 57, 59, 60, Mangal Vihar Colony, Village- Dharmshree, Tehsil & Distt. - Sagar, (M.P.). Total Area of Land - 57790sq.m.(5.779 ha.), Total Plot Area ó 29053 sq.m. Total Build-Up Area - 24627.40 sq.m.

The case was scheduled for presentation wherein PP informed that they wish to withdraw their case as they have modified the project considering the salability of the different houses and now the double storied houses are planned as single stories houses due to which the built up area has reduced from the 24,627.440 sq. meters to 14,018.14 sq. meters and thus this project does not require EC. PP further submitted that they have also informed to SEIAA about above change vide their letter no.

2014 dated 05/10/2016 and also handover a copy of above letter. The committee after deliberations decided that since PP has requested for withdrawal of the project file may be sent to SEIAA for necessary action and consideration.

2. **Case No. - 5374/2016 Executive Engineer, M.P. Housing and Infrastructure Development Board, Div.- Sagar, District – Damoh (M.P.) Development of 11.87 hect. land & Construction of Residential House Total Plot Area- 168819.00 Sqm., (Construction Area - 30581.15 Sqm) at Damyanti Puram, Rajnagar Raiyatwari Distt. - Damoh, (M.P.) For-Building Construction. Env. Consultant-Global Management and Engineering Consultant, Jaipur (Raj.). Case forwarded SEIAA letter no.3362 dtd. 03-09-2016 rec. 12/09/16.**

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 is a proposed project for development of 11.87 hect. land & Construction of Residential House Total Plot Area- 168819.00 Sqm., (Construction Area - 30581.15 Sqm) at Damyanti Puram, Rajnagar Raiyatwari Distt. - Damoh, (M.P.)

BRIEF DESCRIPTION OF THE PROJECT

Sr. No.	PROJECT REQUIREMENT	DETAILS
1	Name of the Project	‘ATAL ASHRAY YOJANA’
2	Type of the Project	Affordable Housing Project
3	Location	Khasra No. 52/1,52/3,53,54,55/1,57/3 of Rajnagar Raiyatwari, Tehsil ó Damoh, District- Damoh, Madhya Pradesh.
4	Developers	Madhya Pradesh Housing And Infrastructure Development Board, Division Sagar
5	Plot Area (sq.m.)	1,68,800

6	Development Area (sq.m.)	1,18,700	
8	Total Construction Area (sq.m.)	30,581.15	
9	Landscaped Green Area (sq.m.)	11675 (Garden) +20000 (on Hill area)=31675 sqm	
10	Tenements (nos)	LIG - 390	EWS - 477
11	Occupancy (nos)	2,385	1,950
12	Total Water Requirement (KLD)	700	
13	Sewage Generated (KLD)	560	
14	Solid waste Generated kg/day	2520	
15	No. of Parking Proposed (nos)	Total No. of parking ó 420 ECU (1260 Scooter)	
16	Total Power Requirement	4000 kVA	
17	Total Project Cost (Lakhs)	7817.51	
18	EMP Cost (Lakhs)	563.41	
19	Litigation/Court Cases	None	

WATER REQUIREMENT DURING OPERATION PHASE

Unit Types	Number	Total Occupancy	Rate of Water (LPCD)	Domestic (KLD)	Flushing (KLD)	Total (KLD)	Waste V (KLD)
EWS	477	2385	135	225.3825	96.5925	321.975	273.679
LIG	390	1950	135	184.275	78.975	263.25	223.763

School	1	500	45	15.75	6.75	22.5	19.125
Dispensary	1	50	450	15.75	6.75	22.5	19.125
Commercial	50	120	45	3.78	1.62	5.4	4.59
Community centre	1	750	15	7.875	3.375	11.25	9.5625
visitors		500	15	5.25	2.25	7.5	6.375
Horticulture	Sq m	34459	5		172.295		
Total Waste water Generated							Say 560

SOLID WASTE GENERATION DURING OPERATION PHASE

S.No.	Source of Solid Waste Generation	Waste Generation Rate (kg/cap/day)	Total Population	Waste Generated (kg/day)
1	EWS	0.45	2385	1073.25
2	LIG	0.45	1950	877.5
3	School	0.45	500	225
4	Dispensary	2	50	100
5	Commercial	0.45	120	54
6	Community centre	0.15	750	112.5
7	visitors	0.15	500	75
			Total	2520

The case was presented by the PP and their consultant wherein after presentation, PP was asked to submit following information:

- A. Whether the proposed location of the project is within the approved master plan of the Damoh city and the existing land use of the site is Residential.
 - B. During presentation it was informed by the PP that there are some unauthorized settlements on the project site and they will be rehabilitated as per the Govt. rules. Thus the PP was asked to provide the complete details of such settlements such as their number, nature of settlements (temporary hutments or permanent structures), photographs of the settlements and copies of any notices served to them for vacating the project site.
 - C. What will be the impact on project if entire FAR is utilized by the occupants of independent LIG & EWS-worst case scenario be calculated and presented or a written commitment by PP that no expansion/further construction will be allowed.
 - D. Revised existing and proposed land use of the project as table presented is different from the table given in handouts.
 - E. Two STPs should be planned as per the drainage pattern of the site or suitable alternate proposal be provided.
 - F. Revised treated water balance excluding water proposed for General washing purpose along with the disposal plan of 374 KLD of treated waste water.
 - G. Revised cost of EMP incorporating the cost of STP in it.
 - H. Location of dispensary on layout map.
 - I. Plantation scheme with proposal for peripheral plantation.
3. **Case No. - 5417/2016 Shri M. R. Thakure, Executive Engineer, M.P.Housing & Infrastructure Development Board, Division-2, Jabalpur, (M.P.) – 450001 "Rainbow Residency"- Group Housing Project, Khasra No. 87, 118, Village - Maharajpur, Tehsil - Jabalpur, Dist. Jabalpur, (M.P.) Total Plot Area – 19231 Sq.m., Gross Built up Area - 44349.06 Sq.m. For-Building Construction. Case forwarded SEIAA letter no.3603 dtd. 16-09-2016, rec dt. 22 /09/16.**

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 is a proposed project for development

of multistory building namely "Rainbow Residency"- Group Housing Project, Khasra No. 87, 118, Village - Maharajpur, Tehsil - Jabalpur, Dist. Jabalpur, (M.P.) Total Plot Area ó 19231 Sq.m., Gross Built up Area - 44349.06 Sq.m.

PROJECT BRIEF

<u>Items</u>	<u>Details</u>
Project name	öRainbow Residencyö - Group Housing Project
Address	Khasra no. 87,118, Subhash Nagar, Village Maharajpur, Tehsil-Jabalpur, District-Jabalpur, Madhya Pradesh.
Plot area	19,232 sq. m.
Built up area	44,349.06 sq. m. (> 20,000 sq. m.)
Green Area	18.93% (3641.34 sq. m.)
Estimated Population	2160
Power requirement	Connected load : 2790 KW Maximum demand : 1711 KW Source : MPSEB
Water requirement & source	Total Water requirement : 215 KLD Fresh Water : 145 KLD Recycled Water : 70 KLD
Sewage Treatment & disposal	STP of 200 KLD Based on Phytorid technology

PROJECT BRIEF

Parking facility	Required Parking : 297 ECU Proposed Parking : 476 ECU
Project facilities	The project will constitute of 7 blocks with 432 nos. of dwelling units (EWS: 36 nos., LIG: 24 nos., MIG: 192 nos., HIG: 180)

	nos.).
--	--------

LAND USE BREAK UP

S. No.	Particulars	Permissible	Proposed
1.	Total Plot Area	19,232 sq. m.	
2.	Built Up Area	44,349.06 sq.m	
3.	FAR	2.0 (38,464 sq. m.)	1.4 (27,696 sq. m.)
4.	Ground coverage	30% (5770 sq. m.)	30% (5770 sq. m.)
5.	Landscape Area	-	3641.34 sq. m. (18.93%)
6.	Paved areas	No standards	9820.66 sq. m. (51.07%)

BUILT UP AREA DETAILS

FLOOR	GROSS AREA BUA (SQ.MT.)					
	EWS	LIG	HIG A	HIG B	MIG	Total
Basement	-	-	2135.80	711.94	1635.2	4482.94
Stilt/ Ground Floor	458.25	432	2250.54	584.18	2417.28	6142.25
1 st Floor	458.25	432	2218.98	573.66	2382.88	6065.77
2 nd Floor	458.25	432	2218.98	573.66	2382.88	6065.77
3 rd Floor	458.25	432	2218.98	573.66	2382.88	6065.77
4 th Floor	-	-	2218.98	573.66	2382.88	5175.52
5 th Floor	-	-	2218.98	573.66	2382.88	5175.52
6 th floor	-	-	2218.98	573.66	2382.88	5175.52
GRAND	1833	1728	17,700.22	4738.08	18,349.76	44,349.06

TOTAL						
--------------	--	--	--	--	--	--

WATER DEMAND CALCULATION (AFTER CONSERVATION TECHNIQUES)

S. No.	Particulars	Population	Fresh water demand	Treated water demand	Total water demand
1.	Residential	2160	@65 LPCD : 140 KLD	@21 LPCD : 45 KLD	185 KLD
2.	Visitors	350	@9 LPCD : 3 KLD	@6 LPCD : 2 KLD	5 KLD
3.	Staff	50	@30 LPCD : 2 KLD	@15 LPCD : 1 KLD	3 KLD
4.	Landscaping	--	--	22 KLD	22 KLD
	Total	--	145 KLD	70 KLD	215 KLD

WASTE GENERATION: OPERATION PHASE

S. No.	Category	Counts (heads)	Basis	Waste generated (kg/day)
1.	Residents	2160@ 0.43	kg/day*	928
2.	Landscape waste	3641.34@0.003	Kg/sq.m./day	11
3.	Street sweepings	2160@0.1	kg/day	216
TOTAL SOLID WASTE GENERATED				1155 kg/day

The case was presented by the PP and their consultant wherein the EMP and other submissions made by PP were found adequate and satisfactory thus the case is recommended for grant of prior EC subject to the following special conditions:

1. Fresh water requirement for the project shall not exceed 215 KLD.
2. The excess treated water will be used for watering of municipal road side green area or efforts shall be made to supply this water to the construction sites for use in the construction works.
3. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 376 no of trees will be planned in residential area. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

4. STP sludge shall be filter-pressed and the de-watered sludge shall be disposed off with the MSW.
 5. Power back-up for un-interrupted operations of STP shall be ensured.
 6. CFL/LED should be preferred over of tube lights and solar panels should be provided on the roofs as proposed by the PP during presentation.
 7. Fund should be exclusively earmarked for the implementation of EMP.
 8. MSW storage area should have 48 hours storage capacity.
 9. Dual plumbing should be provided.
 10. Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
 11. Provisions shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.
 12. PP will obtain other necessary clearances/NOC from respective authorities.
 13. PP will comply with all the commitments made in by the letter dated 10/10/2016.
4. **Case No. - 2093/2014 Mr. Sukhbir Singh, Executive Engineer-6, Bhopal Development Authority, Pragati Bhawan, Press Complex, M.P. Nagar, Zone-1, Bhopal (M.P.) 462011 Prior Environment Clearance for approval of proposed residential project "Misrod Upnagar" at Village-Bawadia Kalan, Tehsil-Huzur, District-Bhopal (MP) Total Plot Area -73.55 ha., Net Plot Area-59.72 ha., Cat. 8(b) Cat. B1 Project, ToR approved 172 Meeting dt.22/02/15, Abs.-278th SEAC Meeting dt-14/06/16. For-Building Construction. Env. Consultant- Sawen Consultancy Services Pvt. Ltd. Lucknow (U.P.).**

This is an area development project comprising Residential premises. Plot area of the project is 73.55 Ha and total built-up area proposed is 88362.74 m². The project is covered under the provisions of EIA Notification as item no. 8(b). Hence requires prior EC before commencement of activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP to mitigate environmental impacts expected from the project during construction and operational phases.

The project is development of Misrod Upnagar, Phase I township under RESIDENTIAL, COMMERCIAL & PUBLIC SEMI-PUBLIC LAND USE WITH AAPSI KARRAR.

S. No.	AREA BREAK UP	IN HACTARE	%
1	TOTAL PLOT AREA	73.551	100
2	Scheme approved U/S 30 of the Act	8.256	11.23
3	Area under MP Road development	4.355	5.92
4	TOTAL SCHEME AREA	60.94	
5	DEDUCTING VARUN HOUSING SOCIE'	-1.214	1.65
6	NET SCHEME AREA	59.726	81.20%

PROJECT LAND AREA BREAK UP:

S. No.	AREA BREAK UP	IN HACTARES	IN %
1	PLOTTABLE	33.567	56.22
2	ROADS	13.89	23.21
3	GREEN AREA	6.885	11.55
4	SERVICES	1.543	2.55
5	PARKING	0.58	0.95
6	INFORMAL SHOPPING	0.515	0.87
7	CONVENIENT SHOPPING	0.665	1.12
8	INFORMAL SECTOR	1.318	2.23
9	HAAT BAZAR	0.325	0.55
10	RECREATION & CLUB	0.447	0.76
	TOTAL	59.726	100

Total Population	:	47270 personnel's
Floating Population	:	9450 personnel's
Nos. of Dwelling units	:	3566 DWs including EWS & LIG.
Total Consumption of Water	:	6.35 MLD
Total nos. of rainwater harvesting pits	:	92 Nos.
Project Duration	:	24 Months
Total Sewage Generation	:	3.13 MLD
Proposed Capacity of STPø	:	1 no. x 3.5 MLD

(Sequential Batch Reactor Technology)

Total Project Cost : 140.0586 Crores

PROPOSED LAN USE- PROJECT PLANNING

S. N	DETAILS	RESIDENCIAL 39.946 HEC	%	COMMER 12.80 HEC	%	PSP 6.98 HEC	%	TOTAL	%
1	NET SCHEME AREA	39.946	100%	12.8	100%	6.98	100%	59.726	100%
2	PLOTTABLE	22.817	57.12	6.4	49.97	4.35	62.32	-	56.22
3	ROADS	8.521	21.33	4.52	35.29	0.85	12.18	-	23.21
4	OPEN	4.804	12.03	1.31	10.24	0.771	11.05	-	11.55
5	SERVICES	0.534	1.34			1.009	14.46	-	2.55
6	PARKING	-	-	0.58	4.5	-	-	-	0.95
7	INFORMAL SHOPPI	0.515	1.29	-	-	-	-	-	0.87
8	CONVENIENT SHO	0.665	1.66	-	-	-	-	-	1.12
9	INFORMAL SECTO	1.318	3.30	-	-	-	-	-	2.23
10	HAAT BAZAR	0.325	0.81	-	-	-	-	-	0.55
11	RECREATION & CL	0.447	1.12	-	-	-	-	-	0.76
	TOTAL	39.946	100	12.8	100	6.98	100		100

SOLID WASTE GENERATION

DESCRIPTI	POPULATION	Solid Waste Gener Rate	SOLIDWASTE GENERATION (Kg/Da
Residential	25880	@0.514 Kg/ Day	13302.32
Commercial	11160	@0.25 Kg/ Day	2790
Public & Semi - P	10230	@0.25 Kg/ Day	2557.5
Floating Populatio	9450	@0.15 Kg/ Day	1417.5
	56720		20067.32 ~20 MT

The case was discussed in the 172nd SEAC meeting dated 22/02/2015 wherein the salient features, EMP for construction as well as operational phase and proposed TOR were presented by the PP before the committee.

After deliberations Committee has approved the TOR with inclusion of the following points in addition to standard TOR to be addressed in the EIA / EMP:

- Executive Engineer, BDA has reported that the site is more than 2 Km away from the HFL of River Kaliyasot; an affidavit in this regard has to be furnished with EIA.
- Water requirement for the complete project with ensured source for the same to be furnished along with the supporting documents.
- Water balance in terms of consumption, waste-water generation and re-cyclable / disposable treated waste-water to detailed.
- Details of STP (s) proposed in the project.
- MSW Management including the details from generation, collection, storage and ultimate disposal of MSW.
- Exact distances of all the water bodies, fragile areas within 5 Km from the project boundary to be detailed out.
- Land-use / land-cover in 5 Km area around the project boundaries.
- Contour map depicting Water-shed and drainage pattern of the site.

PP has submitted the EIA and case was scheduled for the EIA presentation in the 278th SEAC meeting dated 14/06/2016 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was scheduled for the presentation in the 279th SEAC meeting dated 02/07/2016 wherein the PP and their consultant were present. During the presentation it was observed by the committee that within the project boundary three other colonies are in existence/proposed out of which two are named as Varun Housing Society and the third one is Rohit Housing Society. PP and Consultant were

asked by the committee to explain the integrated impacts of these societies on this project with respect to transportation, water, sewage, parking etc which they could not explain. Committee observed that being this the case of EIA, these issues should be addressed properly with justification and their management plan and thus committee asked PP to provide integrated impacts of these projects wrt transportation, water, sewage and parking etc for further consideration of the project.

PP has submitted the reply vide their letter dated 23/08/2016 which was forwarded by the SEIAA vide letter no. 3275 dated 27.08/2016 and the case was scheduled for the presentation.

The case was presented by the PP and their consultant wherein the EMP and other submissions made by PP were found adequate and satisfactory thus the case is recommended for grant of prior EC subject to the following special conditions:

1. Fresh water requirement for the project shall not exceed 2.98 MLD.
2. The excess treated water will be used for watering of municipal road side green area or efforts shall be made to supply this water to the construction sites for use in the construction works.
3. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 5164 no of trees will be planned in residential area. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
4. STP sludge shall be filter-pressed and the de-watered sludge shall be disposed off with the MSW.
5. Power back-up for un-interrupted operations of STP shall be ensured.
6. CFL/LED should be preferred over of tube lights.
7. Fund should be exclusively earmarked for the implementation of EMP.
8. MSW storage area should have 48 hours storage capacity.
9. Dual plumbing should be provided.
10. Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
11. Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.
12. PP will obtain other necessary clearances/NOC from respective authorities.

5. **Case No. - 3324/2015 Shri Ajay Kumar Tiwari, E.E MPH & IDB Dn No.4, Satellite Plaza, 1st floor, Avodhya Nagar, Bhopal M.P.-462041. Prior E.C for Proposed Group Housing Scheme at Khasra No. -57, 58, 59, 60, 69, 70 ,Vill.-Khajuri Kalan, Bhopal, (M..P.) Total Plot Area - 105622.13sq.m. Build up Area - 228098.4 – Area development project- for prescribing of TOR.(ToR issued 210 SEAC Meeting dt. 25/07/15 vide letter no. 1405 dt. 09/09/15) For-Building Construction. Qry. Presentation. Env Consultant: Greencindia Consulting (P) ltd. Ghazizbad (U.P.). PP Reply submit dt. 23/09/16. Qry. 279th SEAC Meeting dt. 02/07/16.**

PROJECT OVERVIEW

<u>Project Name</u>	<u>Group Housing Scheme, Khajuri Kalan , Bhopal</u>							
<u>Population (no.)</u>	6,630							
<u>Land Requirement (in m²)</u>	<u>Plot Area</u>	<u>Ground Coverage</u>	<u>Green Area</u>	<u>Sub Station</u>	<u>Road</u>	<u>Parking</u>	<u>Incidental Open Space</u>	<u>Area under Nala and DP road</u>
	1,05,622.13	25,472.82	11,827.02	946.82	18,730.9	8,559.5	33,322.70	6,762.35
<u>Built-up Area (in m²)</u>	<u>FAR</u>		<u>Non-FAR</u>				<u>Total</u>	
	1,33,410.0		94,688.4				2,28,098.4	
<u>Total units (no.)</u>	1,326 Dwelling units and 45 Shops							
<u>Proposed Parking (ECS)</u>	1,329 ECS							
<u>Water Requirement</u>	<u>Phases</u>	<u>Fresh Water in KLD</u>		<u>Treated Water in KLD</u>		<u>Total Water in KLD</u>		
	<u>Construction</u>	10		379		389		
	<u>Operation</u>	468.7		533.9		1,002.6		

<u>STP</u>	<u>960 KLD based on FAB Technology (1x310 KLD + 1x150KLD + 1x375 KLD)</u>
<u>Solid Waste Generation</u>	<u>4,782 kg/day</u>
<u>Power Requirement</u>	<u>250 kVA (construction phase); 10,566 kVA (operational phase), M.P State Electricity Board</u>
<u>Emergency Power Back-up</u>	<u>Through DG sets (3*2000 kVA + 4*1000 kVA)</u>

AREA STATEMENT

<u>FAR Details</u>		
<u>Description</u>		<u>Area (m²)</u>
Permissible FAR	1.31	1,38,610.3
Proposed FAR	1.26	1,33,410.0
Residential		1,27,197.5
Convenient Shopping		1,705.9
Club House		1,401.6
Amenities (Nursing Home)		3,105.0
Non FAR		94,688.4
Service Areas		22,717.5
Basement Area		37,827.5
Stilt Area		16,715.6
LMR, OHT and Dome		5,280.0
Balcony Area		12,147.8
Total Built-up Area		2,28,098.4

<u>S.no</u>	<u>Description</u>	<u>% age</u>	<u>Area (m²)</u>
	Total Plot Area	100	1,05,622.10
	Permissible Ground Coverage	30.0	31,687.00
1	Proposed Ground Coverage	24.1	25,472.82
	<i>Residential High Rise</i>	-	<i>14,143.00</i>
	<i>Residential Row House</i>	-	<i>4,468.50</i>

	<i>Convenient Shopping</i>	-	4,278.45
	<i>Club House</i>	-	1,837.67
	<i>Amenities (Nursing Home)</i>	-	745.20
2	Landscape Area	11.2	11,827.02
3	Road Area	17.7	18,730.90
4	Open Parking Residential	5.9	6,208.36
5	Open Parking Commercial	2.2	2,351.16
6	Sub-Station	0.9	946.82
7	Nallah	1.4	1,496.25
8	DP Road	5.0	5,266.10
9	Incidental Open spaces	31.5	33,322.70

POPULATION DETAILS

<u>Description</u>	<u>Rate</u>	<u>Unit</u>	<u>Values</u>	<u>Population</u>
<u>Residential High Rise</u>	<u>@ 5pph</u>	<u>No</u>	<u>1,276</u>	<u>6,380</u>
<u>Row Houses</u>	<u>@ 5pph</u>	<u>No</u>	<u>50</u>	<u>250</u>
<u>Commercial</u>	<u>1person/10 m²</u>	<u>m²</u>	<u>1,705.9</u>	<u>171</u>
<u>Visitors</u>	<u>10 % of Total Population</u>	<u>No</u>	<u>6,630</u>	<u>663</u>
<u>Service Staff</u>	<u>1person/1000 m²</u>	<u>m²</u>	<u>2,28,098</u>	<u>228</u>
<u>Total Population</u>				<u>7,692</u>

The case was scheduled for the presentation of EIA in the 279th SEAC meeting dated 02/07/2016 wherein the PP and their consultant were present. During the presentation it was observed by the committee that fresh water demand for this project will be 470 KLD.

After the presentation, PP was asked to submit details on following for further consideration of the project:

1. Details of 152 KLD of water mentioned as miscellaneous and revised water balance should be submitted incorporating the demand for fresh water swimming pool.
2. Complete dimensions of proposed FAB based STPø including the capacities of holding tanks for equalization and treated waste water along with details of FAB reactors proposed in three individual STPø.
3. Measures proposed to reduce water consumption in the project.
4. A nursing home is also proposed in the project thus PP should provide the estimated volume of Bio-medical waste generated from this unit and its management plan.
5. A nallah is bisecting the project thus PP was asked to provide protection measures proposed for this nallah and details of inter block assessability over the nallah.
6. Specific mitigative measures proposed to reduce incremental PM2.5 and PM 10 for this project.
7. Revised parking plan with sector wise details.
8. Plantation layout on the map for proposed 450 trees with details of rational of choosing their specific species number.

PP has submitted the reply vide their letter dated 27/09/2016 and the case was scheduled for the presentation. The case was presented by the PP and their consultant wherein the EMP and other submissions made by PP were found adequate and satisfactory thus the case is recommended for grant of prior EC subject to the following special conditions:

1. Fresh water requirement for the project shall not exceed 470 KLD.
2. The excess treated water will be used for watering of municipal road side green area or efforts shall be made to supply this water to the construction sites for use in the construction works.
3. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 450 no of trees will be planned in residential area. PP

will also make necessary arrangements for the causality replacement and maintenance of the plants.

4. STP sludge shall be filter-pressed and the de-watered sludge shall be disposed off with the MSW.
5. PP should provide additional equalization tank in proposed STP to enhance the retention time by at least 16 hours.
6. Power back-up for un-interrupted operations of STP shall be ensured.
7. CFL/LED should be preferred over of tube lights.
8. Fund should be exclusively earmarked for the implementation of EMP.
9. MSW storage area should have 48 hours storage capacity.
10. Dual plumbing should be provided.
11. Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
12. Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.
13. PP will obtain other necessary clearances/NOC from respective authorities.
14. PP will comply with all the commitments made in by the letter dated 27/09/2016.

6. **Case No. - 5308/2016 M/s G.S. Enterprises, Owner & Developers, L.G. 4, Ratanmani Complex, 7/1, New Palasia, Indore – (M.P.) 452001 Prior Environment Clearance for proposed Skye Luxuria Eclat & Skye Corporate Park at Village - Niranjanpur, Plot No. 25, Scheme no. 78, Part-2 (A.B.Road), Teh. Indore, Dist. -Indore (M.P.) Total Land Area –11980.85 sqm, Total Net Planing Area –6306.48 sqm), Total Built-up Area – 48171.02 sqm). Building Construction Project. Env. Cons. – Mantras Green Resources Ltd. Nasik (Maharashtra). 2787dt. 27-07-2016 Rec dt. 01/08/16.**

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 proposed Skye Luxuria Eclat & Skye Corporate Park at Village - Niranjanpur, Plot No. 25, Scheme no. 78, Part-2 (A.B.Road), Teh. Indore, Dist. -Indore (M.P.) Total Land Area –11980.85 sqm, Total Net Planing Area –6306.48 sqm), Total Built-up Area – 48171.02 sqm).

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

1. During presentation it was observed that as per the Google image of August, 2015, an old building is in existence at the site. PP informed that it was an old bungalow which is now demolished and they have been handed over clear plot by IDA, Indore and no building is in existing on the site at present. The committee after deliberations decided to carryout site visit for verification of facts.
2. Being a high rise building, permission of competent authority be submitted.
3. Scheme of plantation be submitted on a layout map.
4. Revised parking details leaving adequate space for fire tenders movement.
5. Revised water demand calculations with proposal of adequate STP.
6. Revised waste water disposal plan considering recycling of treated waste water through dual plumbing.
7. Only one DG set is proposed. PP should explore the possibility of providing a standby DG set for uninterrupted power supply for STP and other utilities such as fire pumps etc.
8. A clarification regarding provision of CFL or LED in the common areas.

SITE VISIT REPORT

The case was presented by the PP and their consultant in the 280th SEAC meeting dated 31/08/2016 wherein during presentation it was observed that as per the Google image of August, 2015, an old building is in existence at the site. PP informed that it was an old bungalow which is now demolished and they have been handed over clear plot by IDA, Indore and no building is in existing on the site at present. The committee after deliberations decided to carryout site visit for verification of facts.

As decided, Shri K. P. Nyati, Member SEAC and Shri R. Maheshwari, Member SEAC visited the site on 25/09/2016. During inspection, Dr. Abhaya K. Saxena, Sr. Scientific Officer, MP Pollution Control Board, Bhopal and Shri Neeraj Sachdeo, Project Manager was also present.

PROJECT PARTICULARS IN BRIEF

S.No.	Project Features	Project Particulars									
1	Name of the Project	Skye Luxuria Eclat & Skye Corporate Park (Proposed New Residential cum Commercial Building).									
2	Current Status of the Project	New Construction Project, applied for Environmental Clearance.									
3	Type of Project:	Residential cum Commercial Building Project.									
4	Latitude & Longitude	Latitude 22 ^o 45'51.63" N and Longitude 75 ^o 53'55.10"E									
5	Nearest Habitation	Piplyakumar -1.3km. (NE)									
6	Nearest City	The project is located in Indore City which is also the District Head Quarter.									
7	Nearest Railway Stn.	Indore Railway Station is at 5.9 km.Distance (SW)									
8	Nearest Airport	Devi Ahilyabai Holkar Airport, Indore:10.4km. (SW)									
9	Nearest Fire Station	1. Police Fire Station, Patthar Godown Road ó 5.7km. [SW] 2.Indore Fire Station, Railway Station Road, Chhoti Gwaltoli- 6.2km (SE)									
10	Nearest Water bodies	Khan River - 3.2km. [West] Kanakavati Nala - 8.7km. [SE]									
11	Location of the Project	Kh. No. Old 385/2,4,5,6,7,8,9,10, Niranjapur, Plot No 25, Scheme No-78, Part-2(A.B Road),Tehsil & District: Indore (Madhya Pradesh).									
12	Whether in Corporation / Municipal / Other Area	Indore Municipal Corporation (IMC).									
13	Building Permits and approvals obtained so far for the Project (Clarifying its conformity with local Planning Rules &Provisions)	<ol style="list-style-type: none"> 1. Building Construction Permission / Layout plan approved by Indore Vikas Pradikaran .vid Letter No.INDP-907/14/EMD/2014/11547 dated 30.12.2014. 2. NOC for Solid Waste Disposal given by Health Officer, Nagar Palik Nigam, Indore vide Letter No. 766 dated 24.06.2016. 3. NOC for Water Supply given by Additional Commissioner, Indore Municipal Corporation vide Letter No. 950 dated 28.06.2016. 4. NOC for Sewerage given by Drainage Department, Nagar Palik Nigam, Indore vide Letter No. 952 Dated 28.06.2016. 5. High Rise Clearance letter received videLetter No. INDL-2686/16/DMD/2016/6915 dated 26-08-2016. 									
14	Area Statement	<table border="1"> <tbody> <tr> <td>1</td> <td>Total Land Area as per the IDA Agreement</td> <td>6306.48 sq. m.</td> </tr> <tr> <td>2</td> <td>Maximum permissible Ground Coverage (For A &B Blocks)</td> <td>1891.94 sq. m. (30%)</td> </tr> <tr> <td>3</td> <td>Total Built up/ Slab Area of the Proposed Project</td> <td>44423.42 sq. m.</td> </tr> </tbody> </table>	1	Total Land Area as per the IDA Agreement	6306.48 sq. m.	2	Maximum permissible Ground Coverage (For A &B Blocks)	1891.94 sq. m. (30%)	3	Total Built up/ Slab Area of the Proposed Project	44423.42 sq. m.
1	Total Land Area as per the IDA Agreement	6306.48 sq. m.									
2	Maximum permissible Ground Coverage (For A &B Blocks)	1891.94 sq. m. (30%)									
3	Total Built up/ Slab Area of the Proposed Project	44423.42 sq. m.									

			4	Proposed Greenbelt Area	647.00 sq. m. (10% of the Net Planning Area)	
			5	Built up area of Commercial Block (A) ó G+15 Floors	18445.26 sq. m.	
			6	Built up area of Residential Block (B) ó P+20 Floors	10891.16 sq. m.	
			7	Total Parking Area (Basement + Still Podium Parking)	15087.00sq.m.	
			8	Maximum Permissible FAR (for Block A&B)	1:2	
15	Proposed Building	Height of	60 meters for both, Residential cum Commercial Building.			
16	Proposed cum Residential Commercial Building.		S.No	Type of Units (Proposed)	Built up Area(sq.m)	Floors
			1	Block (A) ó Commercial Retail Shops:10 Offices: 248	18445.26	G+15
			2	Block(B1) ó Residential Total Number of Residential Units proposed are as follows: 4 BHK Flats: 40 (2 units per floor) LIG Units:03 EWS Units: 04	10891.16	P+20

During site visit it was observed that the proposed site is located on one side of Agra-Bombay Highway (NH3) where a residential cum commercial building is proposed. The site visit reveals that there was a structure in existence at the site which is now demolished and remnants of old structure can be seen on site. PP submitted that it was an old bungalow which was demolished by the IDA and the site is handed over to him in the present situation. No ongoing construction activities were noticed on the site at the time of inspection. Only a temporary site office is constructed by the PP. Also there was no residual evidence of any construction activities taken up by the PP. Moreover, neither construction laborers nor labor hutments were present at the site.

PP has submitted the reply vide their letter dated 22/09/2016 and the case was scheduled for the presentation. The case was presented by the PP and their consultant wherein the EMP and other submissions made by PP were found

adequate and satisfactory thus the case is recommended for grant of prior EC subject to the following special conditions:

1. Fresh water requirement for the project shall not exceed 115 KLD.
 2. The excess treated water will be used for watering of municipal road side green area or efforts shall be made to supply this water to the construction sites for use in the construction works.
 3. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 166 no of trees will be planned in residential area. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
 4. STP sludge shall be filter-pressed and the de-watered sludge shall be disposed off with the MSW.
 5. Power back-up for un-interrupted operations of STP shall be ensured.
 6. CFL/LED should be preferred over of tube lights.
 7. Fund should be exclusively earmarked for the implementation of EMP.
 8. MSW storage area should have 48 hours storage capacity.
 9. Dual plumbing should be provided.
 10. Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
 11. Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.
 12. PP will obtain other necessary clearances/NOC from respective authorities.
 13. PP will comply with all the commitments made in by the letter dated 22/09/2016.
7. **Case No. - 5373/2016 Executive Engineer, M.P. Audyogik Kendra Vikas Nigam (Indore) Ltd, Ist & IInd Floor, 3/54, Press Complex, AB Road, Indore, (M.P.) - 452011 New Construction Projects and Industrial Estate Meghnagar Industries Area, Meghnagar Town, Tehsil - Meghnagar, Distt. - Jhabua, (M.P.)Total Plot Area - 223.75 Ha.(2237500.00 Sqm.), Net Planing Area - 2237500.00 Sq.m, Total**

Industrial Plot Area – 1329902.00 Sq.m, Amenities Area – 73136.00 Sq.m, (Cat. - 7(c) Project) For- ToR. Industrial Development Project (Cat. - 7 (c). Env. Consultant- SMS Envocare, Pune (M.S.)

The project belongs to Meghnagar industrial area and as per the Schedule attached to the EIA Notification 2006 and its amendment in 2009 the project is covered under Project or Serial No. 7(c) **“Industrial estates/ parks/ complexes/ areas, export, processing Zones, (EPZs), Special, Economic Zones, (SEZs), Biotech, Parks, Leather, Complexes”** requiring prior Environmental Clearance (EC). It is categorized as Category B (area <500 ha), and shall be appraised by the State Environment Impact Assessment Authority (SEIAA), Madhya Pradesh. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

S.NO.	DETAILS	INFORMATION
1	Name of the Project	Meghnagar Industrial Area
2	Location	Tehsil: Meghnagar District: Jhabua State: Madhya Pradesh
3	Regulatory Framework	Whereas the industrial area was developed before the EIA Notification, 2006, hence the environmental clearance was not required. State Environment Impact Assessment Authority (SEIAA), Madhya Pradesh in its 250 th meeting dated 15 th October, 2015 has directed to conduct the Environment Impact Assessment study in the entire Meghnagar Industrial area. The recommendation was accorded to MPAKVN against the continuous agitation of local people residing near Meghnagar over the issue of industrial pollution from Meghnagar Industrial area.
4	Topo sheet No.	46J/5, 46J/9, 46I/8, 46I/12
5	Capacity	Total Plot Area: 223.75 hectare for Industrial Development

S.NO.	DETAILS	INFORMATION
6	Name of Project Proponent	M.P. Audyogik Kendra Vikas Nigam (Indore) Ltd. (A Govt. of M.P. undertaking –Subsidiary of MPTRIFAC)
7	Area Requirement	Total Plot Area: 223.75 hectare for Industrial Development
8	Water Requirement	For Industrial Area: 1.2 MLD For Meghnagar Villager: 0.5 MLD Stop Dam: 3.6 MLD Capacity
9	Power Requirement	Total Power Requirement: 6MW Source: MP PaschimKhetraVidhyutVitran Co. Ltd.
11	Project Cost	78.20 crore

The case was presented by the PP and their consultant wherein committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:

- a. Complete inventory of existing industries w.r.t. their type, capacity, products, existing pollution control facilities and details of hazardous wastes generated and their disposal practices be provided with the EIA report. It should also be specified that how many of these industries falls under the gambit of EIA Notification, 2006 and have obtained EC.
- b. Detailed list of industries (along with list of products) for which MP AKVN, Jhabua has so far allotted the land.
- c. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
- d. PP should explore the possibility of providing common infrastructure for waste treatment and its disposal facility and plan should be discussed in the EIA report.
- e. Detailed survey report of contaminated site located in the industrial area and its decontamination plan should be discussed in the EIA report.
- f. Storm water management plan of the entire industrial area of Jhabua.

8. **Case No. - 5394/2016 M/s Medicare Environmental Management Pvt. Ltd, 403, 4th Floor, BPTP Park Centra, Sector-30, NH-8, Gurgaon, Haryana - 122001 Common Biomedical Waste Treatment Facility (Khasra No. - 15 & 17) at Village -**

Manera, Teh.- Niwas, Distt. - Mandla, (M.P.) Cat. - 7(d) Common Biomedical Waste Treatment, Storage and Disposal Facilities. (TSDFs). For-ToR.

The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category "B" Projects of activity 7 (da) as per EIA Notification dated 14th September, 2006 and its subsequent amendments dated 17th April 2015, under Bio- Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

M/s Medicare Environmental Management Private Ltd are proposing a Common Bio Medical Waste Management Facility at Mandla, M.P with an area of 4000 sqm. The proposed project is Common Bio-medical Waste Treatment facility of Bio Medical Waste collected from the various health care establishments/unit generating bio medical wastes. Facility includes Incinerator, Autoclave, Shredder, Storage and Effluent Treatment Facility.

Sl.no	Parameters	Description
1	Project Proponent	M/s. Medicare Environmental Management Pvt.
2	Brief description of nature of the project	Biomedical waste is generated from all health care institutions; nursing homes, clinics, dispensaries, veterinary institutions, animal houses, pathological laboratories, blood banks etc. A Common Bio-medical Waste Treatment Facility is a set up where bio-medical waste, generated from a number of healthcare units, is suitably treated as per the prescribed procedure & norms laid down in the regulation. Proposed project of setting up of the Common Bio- medical Waste Treatment Facility at Plot no. 15 & 17, Industrial area IGC, Village - Maneri, Tehsil- Niwas, District- Mandla, State - Madhya Pradesh. The extent of proposed project is 4000 sqm land.
Salient Features of the Project		
3	Proposed plant capacity	The project is aimed to cater 20,000 beds - @ 0.16-0.2 kg/day/bed = 3.2-4 TPD
4	Total Plot Area	4000 sqm

	Location	Plot no. 15 & 17, Industrial area IGC, Village – Maneri, Tehsil- Niwas, District- Mandla, State - Madhya Pradesh
5	Water requirement	Water requirement for the proposed CBWTF project is 50 KLD.
6	Source of water	Water requirement will be met through bore wells & water tankers
7	Wastewater	Waste water generated from the treatment of Biomedical waste during autoclaving, washing of floors, etc. is 115 KLD and it shall be treated in effluent treatment plant.
8	Man Power	During Construction phase, the labors and workers will be hired from nearby villages. Total 35 persons are proposed to hire for plant operations including officers, skilled and unskilled workers.
9	Electricity/ Power requirement	DG set of 100 KVA is proposed for the project and lines will be taken from the Madhya Pradesh State Electricity Board (MPSEB).
10	Total Project Cost	Project cost is Rs. 10 Cr

The proposed treatment facilities at the site are, Bio Medical Waste Segregation, Autoclave, Shredding and Incineration. The project is aimed to cater the needs of the Bio Medical waste generation units in the nearby Health Care Units of M.P state with an approximation of 20,000 beds@0.16-0.2kg/day/bed equals to 3.2-4 tons per day.

The primary purpose of incineration is to burn the waste to ashes through a combustion process. Medicare intends to setup a 4.0T/Day incinerator. The unit shall be a dual chambered incinerator. The purpose of autoclave is to sterilize/disinfect the waste with steam. Microorganisms which contribute to infection do not survive beyond 80°C. However, as a precaution MoEFCC has stipulated a temperature of 121°C with 15 psi pressure to ensure distribution of temperature. The total water requirement including makeup water for the proposed facility is 50 KLD and waste water generation would be around 115 KLD, the waste water generated will be treated in ETP.

The power required for the facility will be fetched from Madhya Pradesh State Electricity Board (MPSEB). For emergency backup DG is maintained with optimal usage by using a High Speed Diesel with a capacity of 100 KVA.

The case was presented by the PP and their consultant wherein committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:

- a. DFO certificate in the format prescribed by MP, SEIAA should be submitted with the EIA report for distances from National Parks/ Sanctuaries and Forest area.
- b. Justify in EIA report, how unit will remain zero discharge.
- c. Disposal plan of autoclaved material should be discussed in the EIA report.
- d. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
- e. In the EIA report, PP should provide the type of industries existing in the area with the list of MP, AKVN, Jabalpur.

9. **Case No. - 5395/2016 M/s Medicare Environmental Management Pvt. Ltd, 403, 4th Floor, BPTP Park Centra, Sector-30, NH-8, Gurgaon, Haryana - 122001 Common Biomedical Waste Treatment Facility (Khasra No. F-7, F-8, F-9 & F-10) at IID Jaderua, Morena, (M.P.) Cat. - 7(d) Common Biomedical Waste Treatment, Storage and Disposal Facilities (TSDFs) For-ToR.**

The proposed project is for setting up of common bio-medical waste treatment facility and project falls under Category "B" Projects of activity 7 (da) as per EIA Notification dated 14th September, 2006 and its subsequent amendments dated 17th April 2015, under Bio- Medical Waste Treatment Facilities. Application was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

Sl.no	Parameters	Description
1	Project Proponent	M/s. Medicare Environmental Management Pvt. Ltd
2	Brief description of nature of the project	Biomedical waste is generated from all health care institutions; nursing homes, clinics, dispensaries, veterinary institutions, animal houses, pathological laboratories, blood banks etc. A Common Bio-medical Waste Treatment Facility is a set up where bio-medical waste,

		generated from a number of healthcare units, is suitably treated as per the prescribed procedure & norms laid down in the regulation. Proposed project of setting up of the Common Bio- medical Waste Treatment Facility at IID Jaderua , Morena , Madhya Pradesh. The extent of proposed project is 1 Acres land.
Salient Features of the Project		
3	Proposed plant capacity	The project is aimed to cater 20,000 beds - @ 0.16-0.2 kg/day/bed = 3.2-4 TPD
4	Total Plot Area	1 Acre
	Location	Plot no. F-7,F-8,F-9 & F-10 , IID Jaderua, Morena , Madhya Pradesh
5	Water requirement	Water requirement for the proposed CBWTF project is 50 KLD. Water will be sourced through Borewells & Water Tankers
6	Source of water	Water requirement will be met through bore wells
7	Wastewater	Waste water generated from the treatment of Biomedical waste during autoclaving, washing of floors, etc. is 120 KLD and it shall be treated in effluent treatment plant.
8	Man Power	During Construction phase, the labors and workers will be hired from nearby villages. Total 35 persons are proposed to hire for plant operations including officers, skilled and unskilled workers.
9	Electricity/ Power requirement	DG set of 100 KVA is proposed for the project and lines will be taken from the Madhya Kshetra Vidyut Vitaran Company Limited (MPMKVVCL)
10	Total Project Cost	Project cost is Rs. 10 Cr

M/s Medicare Environmental Management Private Ltd are proposing a Bio Medical Waste Management Facility at IID Jaderua , Morena with an area of 1 acres. The proposed project is Common Bio-medical Waste Treatment facility of Bio Medical Wastes collected from the various health care establishments/unit generating bio medical wastes. Facility includes Incinerator, Autoclave, Shredder, Storage and Effluent Treatment Facility.

The proposed treatment facilities at the site are Bio Medical Waste Segregation, Autoclave and Shredding and Incineration. The project is aimed to cater the needs of the Bio Medical waste generation units in the nearby Health Care Units of Madhya Pradesh state with an approximation of 20,000 beds@0.16-0.2kg/day/bed equals to 3.2-4 tons per day.

The primary purpose of incineration is to burn the waste to ashes through a combustion process. Medicare intends to setup a 5.0T/Day incinerator. The unit shall be a dual chambered incinerator. The purpose of autoclave is to sterilize/disinfect the waste with steam. Microorganisms which contribute to infection do not survive beyond 80°C. However, as a precaution MoEF&CC has stipulated a temperature of 121°C with 15 psi pressure to ensure distribution of temperature. The total water requirement including makeup water for the proposed facility is 50 KLD and waste water generation would be around 120 KLD, the waste water generated will be treated in ETP.

The power required for the facility will be fetched from Madhya Kshetra Vidyut Vitaran Company Limited (MPMKVVCL). For emergency backup DG is maintained with optimal usage by using a High Speed Diesel with a capacity of 100 KVA.

The case was presented by the PP and their consultant wherein committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:

- a. DFO certificate in the format prescribed by MP, SEIAA should be submitted with the EIA report for distances from National Parks/ Sanctuaries and Forest area.
- b. Justify in EIA report, how unit will remain zero discharge.
- c. Disposal plan of autoclaved material should be discussed in the EIA report.
- d. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.
- e. In the EIA report, PP should provide the type of industries existing in the area with the list of MP, AKVN, Gwalior.

10. Case No. - 5416/2016 M/s Riddhi Siddhi Colours, 304, Agrawal Arcade, Opp. Central Mall Ambawadi, Ahmedabad – 380006 Manufacturing of Dyes & Dyes Intermediate at Plot No. 99-A, M.P. Audhyogic Kendra Vikas Nigam Ltd (AKVN), Tehsil - Meghnagar, Distt. - Jhabua, (M.P.) Proposed Capacity:

Synthetic Organic Dyes [Liquid Direct Dyes] & [Direct Dyes] Capacity 125 MT per Month & Synthetic Organic Dyes [Disperse Dyes] Capacity 125 MT per Month Total Plot Area : 3000 Sq.mt. ha. For-ToR. Env. Consultant - Not disclosed. Case forwarded SEIAA letter no. 3462 dtd. -08-2016 rec dt. 14/09/16.

The proposed project falls under item no 5(f) i.e. Synthetic organic chemicals, hence requires prior EC from SEIAA before initiation of activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. The proposed project is located at Plot No. 99-A, AKVN Industrial Area, Meghnagar area of Jhabua district in Madhya Pradesh State.

PROJECT SALIENT FEATURES

Project Proponent	M/s. Sri Riddhi Siddhi Colours
Project Name	Manufacturing of Dyes and Dyes Intermediates
Capacity	250 MT/Month
Estimated project cost	208.13 Lacs.
Coordinates & Address	Latitude: 22°54'48.17õ N, Longitude: 74°33'37.06õ E Plot no. 99/A, Audyogic Kendra Vikas Nigam Ltd. (AKVN), Taluka: Meghnagar, District: Jhabua, Madhya Pradesh, India.
Category & Schedule	5 (f) õBö as per EIA Notification, 2006
Total Plot Area	Total Area - 0.3 ha. (Green area - 0.099 ha. 33% of Total Plot Area)
Manpower Requirement	During Construction phase: 15 & During Operational phase: 10
Total Water Requirement	119 KLD (Source: AKVN Water Supply)

Waste Water Generation	53 KLD (Domestic: 8 KLD & Industrial: 45 KLD)
Power Requirement	200 KVA (Source: MPEB) 2 x 100 KVA DG Set as Stand-by

WATER REQUIREMENT

Sr. No.	Type of use	Fresh Water Consumption (KLD)	Recycle Water Consumption (KLD)	Total Water Consumption (KLD)	Waste Water Generation (KLD)
1	Domestic	10	-	10	8
2	Gardening	5	3	8	0
3	Industrial				
	a. Process	41	31	72	40
	b. Boiler	10	10	20	0.8
	c. Cooling Tower	4	-	4	0.2
	d. Others (Scrubbing, Washing etc.)	5	-	5	4
	Total (Industrial)	60	41	101	45
	Total (1+2+3)	75	44	119	53

ENVIRONMENTAL SETTINGS

Sr. No.	Particulars	Details
1.	Climate conditions	Annual Mean Maximum Temperature: 34 °C Annual Mean Minimum Temperature: 21°C Annual Mean Maximum Rainfall: 720 mm
2.	Present land use at the location	Industrial Area
3.	Nearest Village	Bedwali (0.65 km, W)
4.	Nearest Town/City	Meghnagar City (1.9 km WSW)
5.	Nearest Railway Station	Meghnagar Railway Station (2.1 km, WSW)
6.	Nearest Hospital	Jivan Jyoti Hospital (2.04 km, West)
7.	Nearest Highway	MP-SH 39 (0.4 km, WNW)
8.	Nearest Airport	Indore Airport (130 km, East)
9.	Nearest Water Body	Anas River (3.8m km, SSE)
10.	Nearest Port	None in 10 Km radius
11.	Hills / valleys	None in 10 Km radius
12.	Ecological Sensitive Zone within 10 km distance	None in 10 Km radius
13.	Historical/ Archaeological Places	None in 10 Km radius

14.	National Park/ Wild life Sanctuary	None in 10 Km radius
15.	List of Major Industries (within 10 km radius)	<ol style="list-style-type: none"> 1. API India Biotech Pvt. Ltd. 2. Madhya Bharat Phosphate Ltd. 3. Parth Rasayan Pvt. Ltd. 4. SR Ferro Alloys. 5. Padmavati Minerals.
16.	Seismic Zone	Zone-III according to the Indian Standard Seismic Zoning Map

The case was presented by the PP and their consultant wherein committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:

1. Worst case scenario study to be carried out with respect to Air, water and Soil environment and the mitigation measures to be proposed accordingly.
2. Product-wise Water balance along with the overall water balance to be worked out & presented so as to achieve -Zero liquid discharge from the unit.
3. Latest MSDS data with compliance plan to be furnished for all the raw material / finished products with their storage plan.
4. Inventory of all the raw material with mass balance of each of the chemicals being used or proposed to be used.
5. The EIA has to be prepared by an accredited consultant only.
6. Detailed plantation scheme essentially incorporating thick peripheral plantation to be furnished along with mapping of green areas on a lay-out map.
7. Inventory of all types of hazardous wastes expected from the industry with handling and management plan to be presented.
8. Plan for prevention of waste water percolation into the ground water to be submitted along with the plan of handling in case of spillage of any chemicals.
9. Existing pollution load with respect to air / water and soil to be presented.
10. List of material proposed to be stored beyond the prescribed thresh-hold limits.
11. Ground-water study shall be carried out in the region including the water table and the quality.
12. Details of solvent recovery system should be provided in the EIA report.

11. Case No. – 5424/2016 Dr. Hemant Mittal, Proprietor M/s BMW Solutions, Vill. - Ratua Ratanpur, Teh. - Huzur, Dist. - Bhopal, (M.P.) Common Bio Medical Waste Treatment Facility at Khasra No. 218/1/2/1 & 218/2/1, Vill. - Ratua Ratanpur, Teh.

Direct employment generation	38-40 no.
------------------------------	-----------

Environment Setting of the project

Particulars	Details
Co-ordinate	23°27'37.38"N 77°24' 11.83"E
Height above mean sea level	488 mRL
Nearest Town	Bhopal - 17 km
Nearest Railway Station/Town	Sukhi Sewaniya ó 15.75 km
Nearest Airport	Bhopal ó 20.50 km
Nearest Highway/Road	Bhopal- Berasia SH-23 ó 250m - E
Ecological Sensitive Zone	None in 10 km radius
Reserve Forest	Kotra chopra PF- 1.25km - SE
Nearest Village	Ratua Ratanpur ó 1.25km - NE
Nearest River/ Nalla	Halali Dam ó 9.50km- NE, Halali Nadi - 8.15km- SE Chamari Nadi ó 2.80km- SE
Surrounding Features	Crusher and stone quarries

Land Use Breakup of the Plant

Land use Break-Up for proposed unit	
Particulars	Total Area (Sq. mt.)
Plant and Machineries	960
Office and administration	250
Waste storage area	200
Fuel storage area	50
Road	100
Green belt area	1570
	3130
Open Land	1610
Total Land	4740

Water Balance

Water Balance for proposed unit		
Heads	Water Consumption	Waste Water Generation
Unit	Proposed	Proposed
Incineration	1200 ltr	400 ltr
Floor washing	800 ltr	680 ltr
Vehicle washing	1000 ltr	900 ltr
Steam Generation	100 ltr	Nil
Green Belt	500 ltr	Nil
Others	1400 ltr	1300 ltr
Total	5000 ltr/5 KLD	3280 ltr

The case was presented by the PP and their consultant wherein committee decided to recommend standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:

- a. DFO certificate in the format prescribed by MP, SEIAA should be submitted with the EIA report for distances from National Parks/ Sanctuaries and Forest area.
- b. Justify in EIA report, how unit will remain zero discharge.
- c. Disposal plan of autoclaved material should be discussed in the EIA report.
- d. PP should carry out the public hearing of the site as per the procedure laid down in the EIA Notification, 2006.

DISCUSSION ON INSPECTION REPORT

Following inspections were carried out by the sub-committee of SEAC members which were also placed before the committee for discussions:

12. **Case No. - 4154/15 Shri Narendra Batra, Director, M/s Samarth Devcon Pvt. Ltd., 208, Saffire Heights, A.B. Road, Indore (MP)-452001 For- Building Constuction. Prior Environment Clearance for approval of proposed Construction of Group Housing Project "Shikharji Dreamz" at Khasra no.- 22/1/1, 22/2, 23, 25/1, 26/1/2, 2/2/1, Village-Arandiya, Near Talawalichanda Tehsil-Indore, District-Indore (MP)**

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 involves 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.

This is a residential project comprising building construction with Total Project Area 42570.00 m² Road Widening Area ó 4461.000 m² (342 + 4118) Net Land Area for Project ó 38109.00 m². The project is proposed Khasra No. ó 22/1/1, 22/2, 23, 25/1, 26/1/2, 2/2/1, Village-Arandiya, Near Talawalichanda Tehsil-Indore, District-Indore (MP). By virtue of type and size of project it falls under Category B-2, 8(a) in the EIA Notification hence requires prior EC from SEIAA.

Chronology of the case

The case was presented by the PP and their consultant in the 281st SEAC meeting dated 01/09/2016 wherein PP informed that they have already constructed approx. 18,000 sq. meter as per the CTE obtained from the M. P. Pollution control Board. The committee after deliberations decided that since PP has taken up the construction activities up to 18,000 sq. meter, site visit may be carryout by a sub-committee of SEAC and PP may be asked to submit chartered engineer certificate for the construction activities already taken up and total build up area against the T&CP permission and compliance statement of CTE conditions.

As decided, Shri K. P. Nyati, Member SEAC and Shri R. Maheshwari, Member SEAC visited the site on 25/09/2016. During inspection, Dr. Abhaya K. Saxena, Sr. Scientific Officer, MP Pollution Control Board, Bhopal and Shri Sanjay Jaiswal, Project Manager was also present.

- **Project Construction Details;**

It was informed by the representative of PP present at the site during the site visit of the team that the total land area of the project is 42,770 Sq. M. and the proposed built up area of the project is 38109 Sq.M.

The Project consists of group housing and Duplexes with all the basic amenities. The construction work for the project is already initiated. Construction status for different residential blocks is different. No construction activities were observed during site visit but construction of approx. 18,035 Sq. M. area is completed as per the submission of the PP.

One number of Entry/Exit is present to the project site. One main entry exits are through 09 Meter wide coordination road. One entry in the east is through 09 M master plan road while all the roads for internal circulation are 09 M, 7.5 M and 06 M wide. Some internal pucca roads have already been constructed.

There are 92 duplexes and 194 apartments are proposed in the project. 40 nos. of EWS units are also proposed. Civil constructions of 80 duplex units have been completed and 12 were under completion stage. As per the T&CP approved layout, construction of blocks A, B & C is completed and block D was under completion stage.

- **Drainage Pattern of the project site;**

As per the information provided PP, drainage pattern of the project is south of the project site towards the back side of the project. The position of STP was finalized, keeping in view the natural drainage pattern of the project site.

- **Traffic Circulation and connectivity**

For conflict free traffic and fire tender movement, arterial roads of 9.0 M, 7.5 M and 6.0 M are proposed. Clear circular roadway has been provided along the periphery of the Project. As per details provided by PP, Fire fighting equipments, such as wet risers and hose reels are proposed at site.

- **Water Supply, requirement and its treatment**

As per the information provided by the PP during the site visit, water supply for residents will ensured @ 65 KLD Sump Well. The water requirement for the residents will be sourced through the municipal supply/ (ground water) during the operation phase. For treatment and recycling of treated water on site STP of capacity 150 KLD is proposed below the ground level and was under construction stage and non-operational.

- **Solid Waste Management**

Area for construction of a 48 hours MSW collection has been identified near STP.

- **Rain Water Harvesting**

As per the information provided by PP, 06 nos. of Rain Water Harvesting structures are proposed for the harvesting of roof top runoff water out of which 03 are constructed and 03 are proposed to be developed. PP also ensured to make arrangements for the flushing of first rain water to ensure that only clean water enters the recharge system.

- **Green Belt Details;**

As details provided by PP, 11509 Sq.M. (11.6%) of area is dedicated for the landscaping purposes. Peripheral plantation is present along the project boundary with no. of 500 Plants. PP was asked to provide peripheral plantation of trees of large canopy.

- **Energy Requirements**

The total energy requirements will be approx. 1650 KW. PP instructed to ensure installation of energy saving appliances such as LED lightings in common areas. At present, 10 solar panels have been provided in the project.

The above inspection report was placed for the discussion wherein after deliberations committee decided that PP may be called for the presentation after the submission of chartered engineer certificate for the construction activities already taken up and total build up area against the T&CP permission and compliance statement of CTE conditions.

13. **Case No. – 773/2012 Shri Visan Asnani , M/s Asnani Builder & Developers limited 17, Zone-II MP Nagar Bhopal (MP) Prior Environment Clearance for proposed pollted development project at Khasra No.162, 163/1, 163/2, 164,165,171,172,173/1,174/2,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189/1,190,191,192,194,195/1,196,202,203/1,204,208/1 Village-Katara, Tehsil-Huzur, District-Bhopal (MP) Total Plot Area- 144040.73 sq mt Built up Area -144040.73 sq. mt.**

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 involves 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.

Site Specific details

Objective	Environmental Clearance For proposed Plotted Residential township
Total Area	23.768 ha (237686 sq mt)
Project	Expansion of the project
Existing Built up area	17719.69 sqm (C to E obtained from MPPCB)
Total Built up Area	~144041 Sq mt Gross Built up area
Cost of project	~100.00 Crore
Promoters of the Project	M/s Asnani Builders and Developers Pvt Ltd
Location of Project	Village ó Katara, Tehsil- Huzur, Bhopal (MP)
Khasra No.	162 to 165, 171, 172, 173/1, 174/2, 175 to 188, 189/1, 190 to 192, 194, 195/1, 196, 202, 203/1, 204 and 208/1
Occupancy	Land owned by project proponent
Geological Location	23° 10' 58" N to 23° 10' 43" N and 77° 28' 42" E
Altitude	460 m AMSL
Nearby Features of the site	North : Land under development South : Agricultural land East : Road West : Slum resettlement
Nearest Highway	NH-12 ó 2 km
Railway Station	Habibganj -7 Km
Airport	Raja Bhoj ó 22 km
Topography	Plain

Area Breakup of the plotted development					
S#	Particular	Area in sq meter			
		Phase 1	Phase 2	Phase 3	Total
1	Land area	115606.30	64250.00	57830.00	237686.30
2	Area under Master Plan Roads	7186.90	3436.28	1512.00	12135.18
3	Area under PSP use as per Master Plan school, health centre etc	6698.34	4553.00	nil	11251.34
4	Net Scheme area	101721.06	56260.72	56318.00	214299.80
5	Plotted area	46128.05	25138.63	27443.76	98710.44
6	Proposed Group housing/ shopping including stilt parking	10782.32	7690.91	1572.65	20045.88
7	Recreation and club/community space	1569.27	892.48	1253.11	3714.86
8	Area under services	1573.76	829.91	583.73	2987.40
9	Open parks	11073.60	8344.43	6790.96	26208.99
10	Informal sector	2066.66	1340.43	1287.39	4694.48
11	Area under roads	28527.40	12023.93	17386.40	57937.73

PP has requested MS SEAC for withdrawal of case in lieu of plotted development vide letter number 26.09.2012. T&CP has given permission for plotted development for the project comprising 23.76 ha. PP has constructed the sample house and other amenities with the permission of CTE of MPPCB admeasuring area 17,719 sq mt which is less than the 20000 sq mt. In the 104 meeting of SEAC, the PP has allowed to withdraw the cases based on the submission. SEIAA has directed SEAC for site visit to certain the violation.

As decided, Shri K. P. Nyati, Member SEAC and Shri R. Maheshwari, Member SEAC visited the site on 11/06/2016. During inspection, Dr. Abhaya K. Saxena,

Sr. Scientific Officer, MP Pollution Control Board, Bhopal and Shri Dinesh Goswami, Project Manager was also present.

Major Observations during the Site Visit:

- The project was approved by TNCP only for plotted development. The entire land belongs to us i.e. M/s Asnani builder & developers Ltd.
- The total land area is 23.76 ha which has been developed for sale of plots. As informed by the PP, to facilitate the residents, the STP, Recreation facility, club house and model/sample house having built up area of 17,719 sq. mt. was constructed by the land owner for which PP has obtained CTE from the M. P. Pollution control Board.
- It was informed by the land owners that they are not constructing the houses. They have just sold the plots and respective plot owners are constructing their houses and thus they not the construction agency.
- As informed by the PP, till date all the plots have been sold out. It was informed by the PP that to make uniformity in the township and to provide beautification, houses on pre designed formats were constructed by the construction agency chosen by the occupants for which a declaration was signed with the respective plot owners. PP was asked to provide some copies of such documents and copy of CTE issued by the M. P. Pollution control Board for confirmation of the facts. PP vides letter dated 02/09/2016 has submitted the CTE obtained from the M. P. Pollution Control Board and copies of declaration signed by the respective house owners stating that *“We have constructed the houses on pre-designed format, by our self, on the above said plot by employing our own funds”*.
- Two Entry / Exit are provided at this point in time for the project. Main entry /Exits are through 12 m wide road and internal circulation roads are of 12 m, 7.5 m and 6 m width. Some internal roads have already been constructed. Peripheral plantation is present along the project boundary with approx. 700 plants. As per the information provided PP, drainage pattern of the project is east of the project site towards the back side of the project.

- For conflict free traffic and fire tender movement, arterial roads of 12 m, 7.5 m and 6 m are provided / proposed in the project. Circular roadway has been provided along the periphery of the project for movement of fire tenders. As per details provided by PP, Fire fighting equipments, such as wet risers and hose reels are proposed at site.
- As per the information provided by the PP during the site visit, water supply for residents will be ensured @ 86 lpcd. The water requirement for the residents will be sourced through the municipal supply. For treatment and recycling of treated water on site STP of capacity 300 KLD is installed. STP tanks are installed below ground level and the machine room and pumps are installed on ground.
- Area for a 48 hours MSW collection & storage space has already been demarcated near the EWS area.
- As per the information provided by PP, Rain Water Harvesting structures are proposed for the harvesting of roof top runoff water

The above inspection report was placed for the discussion wherein after deliberations committee decided that above inspection report regarding present status of the case may be sent to SEIAA.

[Dr. U. R. Singh]
Member

[Rameshwar Maheshwari]
Member

[Dr. Alok Mittal]
Member

[A. A. Mishra]
Secretary

[K.P. Nyati]
Vice Chairperson