

The 285th meeting of the State Expert Appraisal Committee (SEAC) was held on 26th December, 2016 under the Chairmanship of Dr. R.B. Lal for the projects / issues received from SEIAA. The following members attended the meeting-

1. Shri K. P. Nyati, Member
2. Dr. U. R. Singh, Member
3. Dr. Mohini Saxena, Member
4. Shri Manohar K. Joshi, Member
5. Shri R. Maheshwari, 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.

1. **Case No. – 5444/2016 Director, M/s Shivangi Rolling Mills Pvt. Ltd, 305-306, Airen Heights, B/h Pakiza, 14, PU-3, Commercial, Vijay Nagar, AB Road, Indore, MP – 452010. Expansion of Mini Steel Plant at Plot No. 460, 461 & 475 Sector 3, Industrial Area - Pithampur, Teh. - Dhar, Distt.- Dhar (M.P.) Existing Capacity - MS Ingots, Bar & Casting – 40,000 MTPA., Proposed Capacity - MS Billets, TMT Iron Bars – 2,00,000 MTPA, Land Available- 31000 sqm . Cat. 3 (a) Metallurgical Industries (Ferrous & Non Ferrous)**

This is a rolling mill project. All non –toxic secondary metallurgical processing industries manufacturing >5000 tones/annum metal components are covered under the EIA Notification 2006 as amended 2009 and are mentioned at SN 3(a), B. Hence these projects are required to obtain prior EC before establishment. The project is proposed in *Sector 3, Industrial Area - Pithampur, Teh. - Dhar, Distt.- Dhar (M.P.)*.

The case was earlier schedule in the 284th SEAC meeting dated 26/11/2016 wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

Salient features of the project, proposed TOR and other details of the project were presented before the SEAC by the PP and his consultant, which reveals following:

S. No.	Particulars	Details
1	Location	Plot No. 475, 461, 460 Industrial Area

		Pithampur
2	Longitude	75 ^o 35' 37.60" E
3	Latitude	22 ^o 37' 19.23" N
4	Total plot Area	31000 sqm
5	Existing capacity	40000 MTPA – Billets, TMT Bars
6	Proposed Capacity	200000 MTPA – Billets, TMT Bars
7	Raw Material Required	MS Scrap/sponge Iron ,Ferro Alloys Fluxes, Refractories Consumable
8	Total Power requirement	26.25 x 106 kwh
9	Source of Power	MPSEB
10	Water requirement	625 kld
11	Source of water	MPAKVN, Indore
12	Major Plant & equipment	Induction Furnace : Proposed 20 TPH – 2Nos. Existing 6 t & 7t – one each
13	Pollution Control equipments	Fume extraction system, Bag filters Chimney , STP for domestic waste water
14	Number & Height of stack	30m – 1 No. for IF 15m – 1 Nos for DG set 500 KVA
15	Level of particulate matters after APC	Less than 50mg/Nm ³
16	Cost of pollution control equipments.	200.0 lakhs
17	No. of employment generation.	200 Nos.
18	D.G. Set	2 x 500 KVA
19	Fuel proposed to be used	Electricity for IF and HSD for DG sets
20	Nearest Highway	Agra Mumbai (NH-3) 17.0 km
21	Nearest Railway Line / Railway Station	Rau 26 km
22	Nearest Village / Township	Pithampur – 8.5 km
23	Nearest Airport	Indore 55 km
24	Nearest Major city	Indore 50 km
25	Nearest River	Non within 10 km radius
26	Nearest Valley	Non within 10 km radius
27	Ecologically Sensitive Zones (National parks, Wildlife Sanctuaries)	Non within 10 km radius
28	Major Industries within 5-km radius	Janak Ind., Paras Rampuriya, Rathi Steer, Prakash Tube, Jaideep Ispat, Bhanu Iron

		& others
29	Environmental data Collection period	Started from 1 st Oct 2016.

Land use breakup

Total land of factory	31000 sqm.
Total Plant Area	9513 sqm.
Office/Lab	216 sqm.
Storage Yard	516 sqm
Colony/Rest House	873 sqm.
Existing Green Belt	2160 sqm.
Proposed Green Belt	8070 sqm.
Open Land	9652 sqm.

Air Emission control system

S. N.	Source of Air Pollution	Control equipment	Height of stack
1.	Induction furnace	FES, Bag filter, ID fan	30m

Water Requirement and source

The water requirement for plant is proposed to be sourced through MPAKVN, Indore.

Water Balance

Construction phase – 5 kld Source MPAKVN

Operational phase-

Head	Water consumption		Discharge	
	Existing	Proposed	Existing	Proposed
Process	Nil	Nil	Nil	Nil

Domestic	10.0 kld	25.0	8.0 kld	22.0 kld
Cooling Rolling Mill	150.0 kld	600.0 kld	nil	nil
Total	160.0 kld	625.0 kld	25.0 kld	25.0 kld

Waste water from DM/softener shall be used for slag quenching.

Waste Water Treatment – STP of 25 kld shall be installed.

Dry technology will be implemented hence, there will not be any effluent generation from the process and cooling.

Water harvesting structure has been made.

Zero discharge will be implemented.

Solid and Hazardous waste management

Source Generation	Type of Waste	Quantity	Management
Process	plant dust, Mill scale , papers	5.0 TPA	Segregation at source using dust beans and collection at “value yard” selling to local vendor.
Process	iron Slag	12000 TPA	A unit of iron recovery from slag has been installed and the recovered iron shall be used with scrap to charge in induction furnace. The remaining part shall be used for civil work & bricks manufacturing.
DG Set / Machineries	Spent oil	15 kl / yr.	Shall be given to authorized recyclers.
WTP/CT	Resin	3-5 kl/yr	Shall be given to authorized recyclers.

The case was presented by the PP for issuing of TOR to carryout EIA studies with site specific details wherein PP submitted that monitoring has been started from October, 2016. Being existing unit, during presentation, PP was asked to submit production date

since 2006, which were submitted by PP vide letter dated 26/12/2016. As per the information submitted by PP, the maximum production 22,176.810 MT was achieved in the year 2015-2016 against the 40,000 MT existing consented capacity. Committee after deliberations recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Being existing unit, compliance of M. P. Pollution Control Board's consent conditions duly authenticated by Regional officer should be submitted with EIA report.
 2. Evaporation losses that may occur during the process should be studied and discussed in the EIA report.
 3. Methods proposed for water conservation should also be discussed in the EIA report.
 4. Options of best available technologies for manufacturing and pollution control in this manufacturing sector should be studied and discussed in the EIA report.
- 2. Case No. – 5484/16 Engineer in Chief, Water Resources Department, Office of Engineer-in-Chief, Tulsi Nagar, Bhopal, (M.P.) Prior Environment Clearance for Micro Irrigation Scheme at Village Badera, Tehsil Chanderi, District Ashoknagar, cat 1(c) .**

This is a River Valley project of “Micro Irrigation Scheme” at Village Badera, Tehsil Chanderi, District Ashok Nagar falls under category "B" and have been mentioned at SN. 1(c) column B of Schedule of EIA Notification, hence such projects are required to obtain prior EC from the SEIAA. The application for EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP.

The case was presented by the PP and during discussion PP informed that earlier they have submitted the application to MoEF&CC for issuance of TOR for this project considering it a Category-A project. However, MoEF&CC vide letter dated 04/08/2016 has informed that this is a Category-B project as per the notification dated 01/12/2009 since “Irrigation projects not involving submergence or interstate domain shall be appraised by SEIAA as Category-B projects”.

During scrutiny of documents, it was observed that Executive Engineer, PWD, ashok Nagar, has informed that interstate boundary of U.P. from Village- Badera is 03 kms. Thus “General Conditions’ are applicable on this project as per EIA Notification, 2006, Notification dated 01/12/2009 and Notification dated 25/06/2014 and it becomes Category-A project.

PP during presentation and vide letter dated 26/12/2016 has informed that this project is under revision due to shifting of pump house location and may be deferred until finalization of the same which was considered by the committee. PP was asked to submit revised proposal with all necessary certificates through SEIAA for further consideration of the project. The case may be returned to SEIAA.

- 3. Case No- 4156/2015 Shri Manoj Verma, Territory Coordinator, M/s Bharat Petroleum Corporation Limited, BPCL LPG Bottling Plant, Bhopal-Indore by Pass Road, P.O. Bhouri, Bakania, Bhopal-462030 *Prior Environment Clearance for approval of Expansion of Construction of New Mounded Storage Vessels 3 Nos. x 300 MT each, Cylinder Pressure Testing Shed with two Paint Booths, Addition of two Unloading Bays, Addition of one DG Set 500 KVA, Construction of Underground Diesel Tank 20 KL for Captive use, Construction of Tank Lorry Parking at LPG Bottling Plant, Bakania. at Khasra no.-37 & 21, Village-Kolukhedi, Tehsil-Huzur, District-Bhopal (MP) Capacity – 22 TMTPA Cylinder Bottling Capacity Proposed Cap. – 90 TMTPA Existing Area= 11.6 Acres Proposed Area – 12.2 Acres. (Cat. – 6 (b)Project) EIA Consultant : ABC Techno labs India Pvt. Limited, Chennai.***

PROJECT PROPOSAL

The project proposal is to set up Construction of new mounded storage vessels 3Nos. X 300 MT each, Cylinder Pressure Testing Shed with two Paint Booths , Addition of two Unloading Bays, Addition of one DG Set 500 KVA, Construction of Underground Diesel Tank 20 KL for captive use, Construction of Tank Lorry Parking at LPG Bottling Plant, Bakania.

EXISTING Facilities

The LPG bottling plant located at Bakania near Bhopal handles 22000MT of LPG per year with bottling facility of 7000 cylinders/day. The existing facilities of the bottling plant are as follows:

Sl.No.	Name of Items	Capacity
01.	Storage Tanks for LPG	2 Nos. A/G Bullets (2x100 MT)
02.	Safety Valves on Storage Tanks	2 Nos.
03.	Set Pressures (Kg/Cm ² g)	14.2

04.	Discharge Height (Meters)	2.5 M to 3.0 M
06.	Unloading Bay	2 Bays
07.	No. of tankers to be unloaded at a time	2 Nos.
08.	No. of Carousel	1 (Electronic Carousel of 12x18 stations)
09.	LPG Pumps	2 x 27 m ³ /hr
10.	LPG Compressor	1 x 65 CFM
11.	Air Compressor	1 x 200 CFM
12.	Air Drying Unit	1 x 200 CFM
13.	DG Set	1 x 250 KVA
14.	Fire Water Storage	2 x 1900 KL (A/G)
15.	Fire Water Pumps	3 x 450 KL/Hr
16.	Jockey Fire Water Pumps	2 x 16 m ³ /hr

Utility Services

The utility facilities for smooth operation of the main plants are as under:

- a) Road Tanker (TLD) Shed
- b) LPG Pumps & Compressor House
- c) LPG Empty Cylinder Storage
- d) LPG Filling Shed
- e) Filled Cylinder Storage Shed
- f) Air Compressor Unit
- g) Air Drying Unit
- h) DG Sets
- i) Fire Water Storage
- j) Fire Water Pumps
- k) Jockey Fire Water Pumps
- l) Potable & Service Water System
- j) Filling / Empty cylinder shed
- k) Filled Cylinder Shed
- l) Valve Change Shed
- m) Bulk loading/unloading Bay (2 Nos.)

Off-Site Services

Following off-site facilities are available for smooth operation of the proposed storage facilities:

- a) Admn/Amenity building.
- b) Security Cabin
- c) Parking Shed (Cycle/Scooter)
- d) Time Office/Dress change Room/Toilet
- e) Weigh Bridge
- f) Transformer Yard
- g) Electrical Panel Room
- h) D.G. Set Room
- i) Inspection Platform
- j) Tank Lorrys Parking Area
- k) PCV Crew Rest Room
- l) Bore Well
- m) Engg. Stores
- n) Air Compressor

Project Location

The LPG bottling plant of BPCL is located in Bhauri village near Bakania in Bhopal district of Madhya Pradesh State. The storage and bottling terminal is at Bakania, about 25-Kms from Bhopal City, on a vacant 5 acres plot available adjacent to the premises of existing POL Depot of BPCL. The POL Depot is spread over an area of about 35 acres of land owned by BPCL. The entire area of 35 acres of land has been declared as area earmarked for storage and handling of petroleum products by State Government. The vacant land for the proposed Mounded Storage Vessel is a barren land full of bushes. The entire area is devoid of vegetation. The proposed plot of about 5 acres of land does not require felling of trees.

A railway line which connects Bhopal to Indore passes adjacent to the boundary of proposed site in northern direction. The railway siding area of POL Depot is located in northern direction of the oil depot. Only three industrial units are located around LPG Bottling Plant. The first industrial unit is the POL Depot of BPCL which is located

adjacent to proposed site. The second industrial unit is Oil Depot of M/s Reliance Petrochemicals, which is located at a distance of about 1.0-Km in north north-western direction of proposed site. The third industrial unit is the LPG bottling plant of IOCL, which is located in south-western direction at a distance of about 1-Km. Besides above industrial units; the entire area around proposed LPG bottling plant presents rural outlook. State Highway No-18 which connects proposed site to Bhopal City is located in western direction and is located merely at a distance of about 50-metres from boundary of POL Depot. Besides above the proposed site is surrounded by agricultural land presenting a rural outlook.

Geographically the LPG bottling plant site is located at 77°15'39.31" east longitude and 23°15'45" north latitude. Some important villages which are located within 10-km of the bottling plant are Bhauri, Bakania, Barkheda, Kolu Kheda etc. The nearest railway station is located at a distance of approximately 1-Km POL Depot. The nearest State Highway is SH-18 which passes merely at a distance of about 50-metres in north-western direction. The nearest National Highway is NH-12 is located in north-eastern direction at a distance of about 9-Kms. The topography of the site is more or less flat without undulation. The main broad gauge railway line is located about 100-m away from the boundary of proposed site.

Fire Protection:

Fire protection facilities are designed to fight one major fire (single largest risk) as per design philosophy given in OISD 117. Water spray system is provided for existing LPG Bullets, Pump Houses and Sheds.

Safety distances between facilities are provided as per PESO/ OISD norms. Also, fire water tanks and pumps are located more than 30 m away from risk area (including proposed tanks) as stipulated by OISD 117. Required number of firewater pumps and jockey pump are provided to take care of the fire hydrants. Four hours pumping capacity are provided for fire water storage in two tanks of 3800 KL each.

There is a well laid out ring main system around the hazardous area which is provided with fire hydrant points and monitors as per requirements of OISD-117. In addition, adequate number of portable fire extinguishers of dry chemical type is also provided. The additional tanks proposed also will be provided with a fire hydrant system all around and water sprinkler system as required.

The case was presented by the PP and their consultant in the 269th SEAC meeting dated 29/02/2016 wherein after presentation committee decided to issue standard TOR prescribed by the MoEF&CC for carrying out EIA study with following additional TOR's:-

1. Site specific risk assessment study should be carried out and same should be submitted with EIA report.
2. Data already collected can be used in EIA report.
3. VOC's should be monitored with other air quality monitoring parameters.
4. Compliance of earlier EC conditions be submitted through MoEF&CC.

PP has submitted the EIA report vide letter dated 16/11/2016 which was forwarded by the SEIAA vide letter no. 4463/SEIAA/16 dated 23/22/2016.

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

1. Complete details of parking facilities developed inside the premises as it could be seen from the Google image of 28/04/2015, numbers of vehicles are parked outside the premises causing traffic congestion.
2. Detailed traffic circulation plan should also be submitted to avoid unnecessary waiting time of vehicles and PP's written commitment and at any time there will be no parking outside of the premises.
3. Detailed reply with EMP of all the queries rose during public hearing.
4. Compliance of earlier EC conditions be submitted through MoEF&CC.
5. Detailed green belt plan with area, name of species and their number.

4. Case No. - 5468/2016 M/s Indian Oil Corporation Ltd, Indian Oil Bhavan, Madhya Pradesh State Office, 16, Arera Hills, Jail Road, Bhopal (M.P.) -462011 Prior Environment Clearance for Proposed LPG Bottling Plant at Plot No. GAF - 8 and 9 at Industrial Development Corporation, Malanpur, District : Bhind, (M.P), Total Plot Area-12.14 ha (30 acres) Capacity- 3X600 MT Moulded LPG Storage Bullats ha. (Cat. - 6 (b)Project)

PROJECT PROPOSAL

The project proposal is to set up LPG Bottling Plant at Plot No. GAF - 8 and 9 at Industrial Development Corporation, Malanpur, District : Bhind, (M.P), Total Plot Area-

12.14 ha (30 acres) Capacity- 3X600 MT Moulded LPG Storage Bullats ha. (Cat. – 6 (b) Project).

SALIENT FEATURES OF THE PROJECT

a	COMPONENT	DETAILS
1	Type of Project	Proposed 3x600 MT mounded bullets for proposed LPG bottling plant within IIDC Malanpur Dist: Bhind, Madhya Pradesh. Schedule 6(b) Category ‘B’ – Isolated Storage & Handling of Hazardous Materials
2	Total	Rs 141.33 Crores
3	Land Area	Plot area: 12.14 ha (30 acres)
4	Power	Approx. 400 kWh is required. The power supply to the Plant is from Madhya Pradesh State Electricity Board (MPSEB). DG sets of 1x250 kVA and 1x750 KVA
5	Water	5m ³ approximately. Source: IIDC Malanpur Fire Water provided: 3x2500 m ³ = 7,500 m ³
6	Pollution Control Equipment	Air: <ul style="list-style-type: none"> ▪ DG sets of BIS specifications will be provided. DG set stacks as per CPCB guidelines. ▪ Water sprinkling at regular basis
		Water: <ul style="list-style-type: none"> ▪ Septic Tank ▪ All operations in closed system.
		Noise: <ul style="list-style-type: none"> ▪ Acoustic enclosure for DG set ▪ Green Belt development will be provided. ▪ Noise level to be maintained less than 75dBA in day time at boundary.
		Solid Waste Management <ul style="list-style-type: none"> ▪ Plastic bags and Drums will be sold to SPCB authorized agencies. ▪ Hazardous solids waste if any will be disposed to

		CHWTSDF.
--	--	----------

PROCESS DESCRIPTION

- There is no manufacturing in Bottling Plant
- The process at the BP can be divided into:
 - **RECEIPT** of LPG through bullet trucks
 - **STORAGE** of LPG in tanks fabricated as per international standards.
 - **FILLING** in cylinders through one Carousel with 24 filling points
 - **DISPATCH** of LPG cylinders through Tanker Lorries.
- The entire operation of **RECEIPT, STORAGE ,FILLING AND DISPATCH** of LPG is carried out in a closed system thereby eliminating risk of spillage and to achieve enhanced safety.

The case was presented by the PP and their consultant wherein PP informed that they have started collecting the data from November, 2016. After presentation committee decided to issue standard TOR prescribed by the MoEF&CC for carrying out EIA study with following additional TOR's:-

1. Site specific risk assessment study should be carried out and same should be submitted with EIA report.
2. Submit the certificate of competent authority verifying the distance of protected area/Eco-sensitive zone.
3. Since segregation and necessary correction of defected cylinders is proposed in the project proposal, their environmental consequences should be studied and discussed in the EIA report.
4. Detailed green belt plan with area, name of species and their number should be provided in EIA report.
5. Any area marked for further expansion in this proposed unit should be detailed out on a layout map and submitted with EIA report.
6. Detailed fire fighting arrangements proposed should be discussed in the EIA report.

7. If there is any sensitive area within 5kms radius of the proposed project site, the proposed safety measures in case of any accident should be discussed in the EIA report.

5. Case No. - 5469/2016 M/s Indian Oil Corporation Ltd, Indian Oil Bhavan, Madhya Pradesh State Office, 16, Arera Hills, Jail Road, Bhopal (M.P.) -462011 *Prior Environment Clearance for Proposed LPG Bottling Plant at Sector "B-1 (P&H)", Industrial Growth Center, Maneri, Distt.- Mandla, (M.P.) Total Plot Area-18.21 ha (45 acres) Capacity- 3X600 MT Moulded LPG Storage Bullats ha. (Cat. – 6 (b)Project)*

PROJECT PROPOSAL

The project proposal is to set up LPG Bottling Plant at Sector "B-1 (P&H)", Industrial Growth Center, Maneri, Distt.- Mandla, (M.P.) Total Plot Area-18.21 ha (45 acres) Capacity- 3X600 MT Moulded LPG Storage Bullats ha. (Cat. – 6 (b)Project).

SALIENT FEATURES OF THE PROJECT

a	COMPONENT	DETAILS
1	Type of Project	Proposed 3x600 MT mounded bullets for proposed LPG bottling plant near IGC, Maneri, Madla Dist: Jabalpur, Madhya Pradesh Schedule 6(b) Category 'B' – Isolated Storage & Handling of Hazardous Materials
2	Total	Rs 120.27 Crores
3	Land Area	Plot area: 18.21 ha (45 acres)
4	Power	Approx. 400 kWh is required. The power supply to the Plant is from Madhya Pradesh State Electricity Board (MPSEB) DG sets of 1x250 kVA and 1x750 KVA
5	Water	5m ³ approximately. Source: IGC Maneri Fire Water provided: 3x2500 m ³ = 7,500 m ³

6	Pollution Control Equipment	<p>Air:</p> <ul style="list-style-type: none"> ▪ DG sets of BIS specifications will be provided. DG set stacks as per CPCB guidelines. ▪ Water sprinkling at regular basis
		<p>Water:</p> <ul style="list-style-type: none"> ▪ Septic Tank ▪ All operations in Closed system.
		<p>Noise:</p> <ul style="list-style-type: none"> ▪ Acoustic enclosure for DG set ▪ Green Belt development will be provided. ▪ Noise level to be maintained less than 75dBA in day time at boundary.
		<p>Solid Waste Management</p> <ul style="list-style-type: none"> ▪ Plastic bags and Drums will be sold to SPCB authorized agencies. ▪ Hazardous solids waste if any will be disposed to CHWTSDF.

PROCESS DESCRIPTION

- There is no manufacturing in Bottling Plant
- The process at the BP can be divided into:
 - **RECEIPT** of LPG through bullet trucks
 - **STORAGE** of LPG in tanks fabricated as per international standards.
 - **FILLING** in cylinders through one Carousel with 24 filling points
 - **DISPATCH** of LPG cylinders through Tanker Lorries.
- The entire operation of **RECEIPT, STORAGE, FILLING AND DISPATCH** of LPG is carried out in a closed system thereby eliminating risk of spillage and to achieve enhanced safety.

The case was presented by the PP and their consultant wherein PP informed that they have started collecting the data from November, 2016. After presentation committee decided to issue standard TOR prescribed by the MoEF&CC for carrying out EIA study with following additional TOR's:-

1. Site specific risk assessment study should be carried out and same should be submitted with EIA report.

2. Submit the certificate of competent authority verifying the distance of protected area/Eco-sensitive zone.
3. Since segregation and necessary correction of defected cylinders is proposed in the project proposal, their environmental consequences should be studied and discussed in the EIA report.
4. Detailed green belt plan with area, name of species and their number should be provided in EIA report.
5. Any area marked for further expansion in this proposed unit should be detailed out on a layout map and submitted with EIA report.
6. Detailed fire fighting arrangements proposed should be discussed in the EIA report.
7. If there is any sensitive area within 5kms radius of the proposed project site, the proposed safety measures in case of any accident should be discussed in the EIA report.

6. Case No. - 5470/2016 M/s Vacmet India Ltd, 4/117 - 2A, Anant Plaza, Civil Lines, Church Road, Agra, (U.P.) Prior Environment Clearance for Proposed Manufacturing of Polyester Resin - Polyethylene Terephthalate (PET) Chips- 99000 MTPA and installation of HTM heater (Pet coke as fuel) 13.5 Million KCAL at Village - Ujjaini, P.O. - Digthan, Tehsil & District - Dhar (M.P.) (Cat. – 5 (f) Project)

PROJECT PROPOSAL

The project proposal is to set up manufacturing of Polyester Resin - Polyethylene Terephthalate (PET) Chips- 99000 MTPA and installation of HTM heater (Pet coke as fuel) 13.5 Million KCAL at Village - Ujjaini, P.O. - Digthan, Tehsil & District - Dhar (M.P.) (Cat. – 5 (f) Project).

Project Location

<u>Project</u>	<u>M/s Vacmet India Limited</u>
Topo sheet No.	46 N/6, 46 N/7, 46 N/10
Geo-coordinates	Latitude:22°29'27.68" to 22°40'06.04" N Longitude:75°20'39.48" to 75°32'15.58" E

Land Available with Plot No.	Allotted area by AKVN for proposed project: 263992.93 sq.m. (65.64 acres) Location: Plot No. 1, New Industrial Area Ujjaini (MPAKVN), Lebad-Manpur Road
Village	Village Ujjaini, P.O. Digthan
Tehsil	Dhar
District	Dhar
State	Madhya Pradesh
Pin Code	454773
Land Form, land Use and Ownership	The project area falls under Notified Industrial Zone

<u>Particulars</u>	<u>Description</u>
Cost of Project	110 crore – PET chips plant Total estimated cost of complete project is 1580 crore for all three phases.
Total Area	263992.93 sq.m. (65.64 acres)
Water Requirement and source	Total Water Requirement - 1560 KLD Daily water requirement after recycle – 1416 m ³ /day Source: Madhya Pradesh Audyogik Kendra Vikas Nigam (Indore)
Power Requirement	Electric Power per 1000 Kg of chips from CP – 45 KW Electric Power per 1000 Kg of chips from BP – 80 KW DG set: 1650 KVA DG set: 2500 KVA will be available in standby mode

Manpower Requirement	600
Number of Shift	Three Shift Basis (Round the clock)
No. of Working Days	365 Days

The case was presented by the PP and their consultant wherein during presentation PP informed that they have obtained the CTE for those products which does not falls under the purview of EIA notification and have started construction. PP has further submitted that EC is sought for pet chip plant and they have started collecting the data from November, 2016. After presentation committee decided to issue standard TOR prescribed by the MoEF&CC for carrying out EIA study with following additional TOR's:-

1. PP should explore the possibility of reducing water demand and measures should be discussed in the EIA report.
 2. Submit the certificate of competent authority verifying the distance of protected area/Eco-sensitive zone.
 3. It should be a “Zero Discharge Unit”, thus proposed measures should be discussed in the EIA report.
 4. Detailed green belt plan with area, name of species and their number should be provided in EIA report.
 5. Any area marked for further expansion in this proposed unit should be detailed out on a layout map and submitted with EIA report.
 6. TDS concentration should be studied “stream by stream”, and same should be discussed in the EIA report.
 7. Public hearing should be conducted as per the provisions laid down in the EIA Notification, 2006.
7. **Case No. - 4897/2015 Shri Deepak Kantilal Shah, Director, M/s SAP Finechem Pvt. Ltd., Plot No. 174, AKVN Industrial Growth Centre, Meghnagar, Tehsil - Meghnagar, District - Jhabua (M.P.) – 457779 Prior Environment Clearance for proposed Manufacturing of Dyes & Intermediates, Production Capacity- 300 MTPM, Area- 5000 sq.mt., at Plot no.- 174, AKVN, Industrial Growth Centre, Meghnagar, Taluka-Meghnagar, District-Jhabua (MP)**

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. PP and his consultant presented the salient features of the project before the committee in the meeting.

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. 174, AKVN Industrial Area, Meghnagar area of Jhabua district in Madhya Pradesh State. The industry was commissioned in the year 2011 and commercial production was commenced in the same year for FeSO₄, MgSO₄, MnSO₄ and gypsum by-product, however the consent to operate was obtained in February 2014 (please refer documents submitted with application and Form 1).

As discussed in the 271st SEAC meeting dated 02/03/2016, the below mentioned site inspection report of the above unit was discussed in the 277th SEAC meeting dated 31/05/2016:

BACKGROUND

The case was presented by the PP and their consultant in the 271st SEAC meeting dated 02/03/2016 wherein committee recommended for issuance for TOR with some additional TOR's. Committee also proposed to undertake site visit as per the suggestion of SEIAA vide letter no. 7452/SEIAA/2015 dated 09/11/2015 (decision taken in 250. SEIAA meeting dated 14/10/2015) and after site visit if required, additional TOR's may be issued.

In the view of above background a team of SEAC members comprises Dr. U.R. Singh and Dr. Alok Mittal inspected the site on 14.04.2016 along with Shri. Hemant Sharma, Regional Officer, MP Pollution Control Board, Dhar & Dr. Abhaya K. Saxena, oic SEAC secretariat / Sr. Scientific Officer, MP Pollution Control Board, Bhopal. Mr. Deepak Shah representing M/s SAP Finechem Pvt. Ltd., was also present during the inspection. **(Site inspection report is at Annexure-3)**

The unit is proposed for manufacturing of synthetic organic chemicals (dyes & dye intermediate) with proposed production capacity of 300 MTPM at Plot No. – 174, AKVN, Ind. Area - Meghnagar, Tehsil - Meghnagar, District- Jhabua (MP). The allotted area of land for this proposed unit is 5000 sq.mt.

It is an old chemical industry said to be non operational for quite some time. The unit seems to be in bad condition and haphazardly maintained, some of the civil structures and installations are in dilapidated condition.

THE OBSERVATIONS

The observations of SEAC team (Dr. U R Singh and Dr. Alok Mittal members SEAC, Dr. Abhay Saxena oic SEAC Secretariat and Shri Hemant Sharma RO, MPPCB, Dhar) during the site visit on 14th of April' 2016of the project are as follows;

- It is an old chemical industry said to be non operational for quite some time. The unit seems to be in bad conditions and haphazardly maintained (**Figures 1 – 6**). Some of the civil structures and installations are in dilapidated condition. This fact was not highlighted during the presentation by PP in 271st meeting of SEAC held on 2nd March, 2016.
- The industry was commissioned in the year 2011 and commercial production was commenced in the same year for FeSO₄, MgSO₄, MnSO₄ and gypsum by-product, however the consent to operate was obtained in February 2014.
- Owing to almost complete coverage of the project site with structures and installations there is hardly any scope of addition without demolition/decommissioning. PP has not been able to explain / present the refurbishing plan using existing facility as such or with modification or replacements with new facilities. This should have been part of DPR based on which ToR for EIA was sought.
- There is mismatch in layout of the plan shown by PP during site visit and the actual construction already done at the site. This is evident by
 - Presence of a big gate at the back side of unit opening on another road and adjacent to low lying open land. (**Figures 7 – 9**)
 - Green belt area is shown to be about 25% of the plot area (1250 sq.m. out of 5000 sq.m.). But there is neither any existing plantation nor any scope for plantation. (**Figures 10 – 12**)
 - About 20% land i.e. 1000 sq.m. out of 5000 sq.m., is shown for road but there is any uncovered space except at the front entry gate (**Figures 10 – 12**)
- Large quantity of hazardous wastes was haphazardly stored in the plant premises in open area / under a shade and in drums of earlier productions (as told by PP). PP was not able to present documented account of quantity and quality of hazardous wastes in the premises. (**Figures 13 - 16**)
- Haphazardly spread scrap machinery and materials was also observed in the premises. (**Figures 10 – 12, 17, 18**)
- PP was also not certain if there is any residual waste material still lying in the existing vessels/reactors.

MAJOR SHORTCOMING

- Though it is an old factory but there is virtually no plantation in the factory premises/project site. The old construction/installations do not leave scope for

peripheral plantation on the site. The only open area is available for plantation is near the entry gate but is said to be for parking / loading and unloading.

- In spite of being old industry, there is, practically, no provision for storm water drainage. The rain water is likely to be accumulated at the adjacent open land, which is more 1.0 m below the level of project site, leading to the possibility of percolation of hazardous substances to the soil and ground water.
- The open inter tank transfer is warranted to ensure transparency but there are only close pipeline network within the old constructed unit.
- The layout of the plant / land use break up is also not very clear. In addition to main gate there is a gate at the back side too which is not in the layout map shown by PP at the site.
- There appears to be a mini unit almost independent to main unit operated from the unauthorized gate, which is not shown on layout, at the back side.
- To avoid any possible percolation of hazardous chemicals, leak proof (polymer/ HDPE) lining has been recommended in the cases recently appraised by the SEAC. Since the construction / installation of working area has already been done by the PP, there seems to be little scope for such leak proof lining unless the entire structure is dismantled and all the tanks, vessels and pipelines are removed and reinstalled after leak proof lining.

After inspection PP was asked to submit response on following:

- a. The list of equipment and machineries with year of installation of each one of them from date of consent to establish obtained from M. P. Pollution Control Board.
- b. The product-wise monthly production details from the first date of consent to operate obtained and till date vis-à-vis the consented capacity of M. P. Pollution Control Board.
- c. The product-wise monthly consumption of raw materials from the first date of consent to operate obtained and till date.
- d. Copies of consent and authorization under HW (M, H & TBM) Rules, 2008 issued by the M. P. Pollution Control Board.
- e. Details/components of Effluent Treatment Plants installed for the treatment of waste water for earlier products.
- f. Any dismantling activities taken up in the recent past and if yes, how these equipments and other debris are dismantled and disposed off.
- g. Details of hazardous wastes with their respective quantities generated from the first date of consent to operate obtained and till date with their mode of disposal with documentary evidences.
- h. Details of hazardous wastes with their quantity stored in the premises at present with their proposed mode of disposal.

- i. Proposal of PP for rainstorm water management.
- j. Green belt development plan.
- k. Soil testing report of the premises as Hazardous waste was disposed off in the premises.
- l. As it is an existing unit, PP should provide details about the modifications required in the existing setup for the proposed products.
- m. Details of any notices/directions issued by the M. P. Pollution Control Board or any other Govt. Department during last three years and their compliance statement

Committee also decided that Regional Officer, M. P. Pollution Control Board, Dha may also be asked to provide details of any notices/directions issued to the company (if any).

PP's response on above points has not been received till the date.

RECOMMENDATIONS

The PP may be called for presentation addressing the issues enumerated above under the heading observation, shortcoming and response on information sought during site visit (Point No. a. to m. above), as most the issues should be part of DPR which is, in principle, prerequisite of ToR.

The above report of the sub-committee was placed before the committee wherein after deliberations committee decided that:

- (A) Copy of this report may be sent to MS, MPPCB for early and safe disposal of hazardous wastes lying in the premises of this unit.
- (B) PP may be asked to submit following information as suggested by the sub-committee within 30 days:
 - a. The list of equipment and machineries with year of installation of each one of them from date of consent to establish obtained from M. P. Pollution Control Board.
 - b. The product-wise monthly production details from the first date of consent to operate obtained and till date vis-à-vis the consented capacity of M. P. Pollution Control Board.
 - c. The product-wise monthly consumption of raw materials from the first date of consent to operate obtained and till date.
 - d. Copies of consent and authorization under HW (M, H & TBM) Rules, 2008 issued by the M. P. Pollution Control Board.
 - e. Details/components of Effluent Treatment Plants installed for the treatment of waste water for earlier products.

- f. Any dismantling activities taken up in the recent past and if yes, how these equipments and other debris are dismantled and disposed off.
- g. Details of hazardous wastes with their respective quantities generated from the first date of consent to operate obtained and till date with their mode of disposal with documentary evidences.
- h. Details of hazardous wastes with their quantity stored in the premises at present with their proposed mode of disposal.
- i. Proposal of PP for rainstorm water management.
- j. Green belt development plan.
- k. Soil testing report of the premises as Hazardous waste was disposed off in the premises.
- l. As it is an existing unit, PP should provide details about the modifications required in the existing setup for the proposed products.
- m. Details of any notices/directions issued by the M. P. Pollution Control Board or any other Govt. Department during last three years and their compliance statement.

On receipt of the information as above from the PP, the PP may be called for presentation. In case the PP fails to submit the said information within the given time limit, the TOR approved in the 270th SEAC meeting dated 01/03/2016 may be considered for withdrawal.

This case was discussed in 277th meeting of the SEAC held on 31st May, 2016 wherein it was decided that PP may be asked to submit information sought by the sub-committee within 30 days. On receipt of the information, the PP may be called for presentation. In case the PP fails to submit the said information within the given time limit, the TOR approved in the 270th SEAC meeting dated 01/03/2016 may be considered for withdrawal. Thus technically, the case is still in ToR stage because it was decided in the 271st SEAC meeting dated 02/03/2016 that additional TOR will be issued after the site visit.

The case was discussed in the 283rd SEAC meeting dated 27/10/2016 wherein it is recorded that:

“Since PP has not submitted the information sought by the SEAC within stipulated time, i.e, 30 days and even till date, the committee, after deliberations, decided to withdraw the ToR issued in 271st SEAC meeting dated 02/03/2016 and recommends the case for delisting”.

SEIAA vide letter no 4615/SEIAA/16 dated 02/12/2016 has sent back the file to SEAC stating that:

“SEIAA deliberated on a letter submitted by PP in SEAC, in response to the query raised in SEAC. Hence it is decided that the case be returned to SEAC for appraising the case as per the information submitted by PP”.

The case was placed before the committee for discussion wherein it was observed that Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and in case the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

- B. Case No. - 4898/2015 Shri Manish B. Shah, Director, M/s Sadhana Fertilizer & Chemicals Pvt. Ltd., Plot No. 100, AKVN Industrial Growth Centre, Meghnagar, Taluka-Meghnagar, District-Jhabua (MP)-457779 Prior Environment Clearance for proposed Sadhana Fertilizer & Chemicals Pvt. Ltd., Production Capacity - 36100 MTPM, Area- 12800 Sqmt., at Plot No.- 100, AKVN Industrial Growth Centre, Meghnagar, Taluka-Meghnagar, District-Jhabua (M.P.)**

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.

This is project pertaining to proposed dye and dye intermediate manufacturing unit with production capacity of 3600 MTPM. The project is covered under EIA Notification as item 5 (a) of the Schedule of the said notification. Application has been forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

The case was scheduled for presentation in the 271st SEAC meeting dated 02/03/2016 wherein it was observed that 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 PP and their consultant came for the presentation in the 273rd SEAC meeting dated

01/04/2016 but during deliberations it was observed that PP so far has not submitted the desired documents as informed to them by SEIAA vide letter 10531/SEIAA/15 dated 14/01/2016 as SEIAA has mentioned that case should be appraised only after receiving above documents/information. Thus committee decided that PP may be asked to submit all the documents as communicated by SEIAA along with copy of DIC registration for manufacturing of proposed products for further consideration of the project.

PP has submitted the reply of above queries vide letter dated 29/09/2016 which was forwarded by the SEIAA vide letter no.4456/SEIAA/16 dated 21/11/2016 and thus was placed in the agenda.

The case was presented by the PP and their consultant wherein during the scrutiny of the reply submitted by the PP it was observed by the committee that the certificate issued by DIC, Jhabua vide letter dated 30/10/2012 is in the name of M/s S. M. Dyechem Industries, Jhabua for manufacturing of Dyes and Dyes Intermediate while the EC application is filed in the name of M/s Sadhana Fertilizers and Chemicals Pvt. Ltd., Jhabua. Thus committee after deliberations asked the PP to submit copy of DIC registration in the name of M/s Sadhana Fertilizers and Chemicals Pvt. Ltd., Jhabua for further consideration of the project.

9. **Case No. - 5451/2016 M/s Hindustan Petroleum Corpn. Ltd, Mangalia Pol Depot (Indore), Sanver Road, Mangalia Village, Indore, (M.P.) – 453771 Augmentation of existing HPCL POL depot including Additional Product Storage Tankage at Vill. - Mangalia, The. Sanwer, Distt.- Indore, (M.P.)**

PROJECT PROPOSAL

The project proposal is for Augmentation of existing HPCL POL depot including Additional Product Storage Tankage at Vill. - Mangalia, The. Sanwer, Distt.- Indore, (M.P.) (Cat. – 6 (b) Project).

Brief Description Project Area & LAND

- The proposed project falls under the industrial area and there is no processing involve in this project. The transportation of material for storage purpose thru railway siding and also depend on existing pipeline form BPCL terminal.
- Mangliya industrial area is situated beside A.B. Road near Mangliya village 13 km away from Indore.
- In this area mainly medium major scale industries are established like dairy plant, solvent extraction, vegetable oil refinery, Vanaspati plant and Storage of petroleum

product.

- Total No. of industries registered in the board are 13 out of which red category units are 11 and green are 02.
- The latitude and longitude of proposed site is 22° 48'56.70"N and 75 °55'7.51E.

Existing Facilities at Indore IRD Installation:

- Existing Capacity of Plant-18,450 KL Product & 2000 KL Water
- 12 Nos of above ground Storage Tanks
- 4 Nos U/G Tanks for MS, ethanol & SKO , 4 Nos A/G Horizontal tanks (LDO, FO).
- 1x8 Bays + 1x2 bays T/T Gantry
- Pump Houses, Admin building and other allied facilities.

Proposed Facilities:

- Proposed Capacity 42600 KL Product & 8000 KL Water.
- Dismantling of all tanks, Gantry, Pipeline, Pump house.
- New facilities proposed: Tanks-20 no. of varying capacity, TT Gantry (two rows of 8 bay), pump house, and Fire fighting lines/facilities other support facilities and infrastructure facilities like approach roads, Pump Houses, Admin building, and vehicles parking area, ETP etc.

Existing Tanks with Quantity

<u>Sl.No.</u>	<u>Class</u>	<u>Material</u>	<u>No of Tank</u>	<u>Quantity (KL)</u>
1	C	FO/LDO	5	780.00
2	A	Hexane/MS ULP	8	4,500.00
3	B	HSD/SKO/ATF	8	13,170.00
TOTAL			21	18,450.00
5	NA	Water (Fire Fighting)	2	2,000.00
Total			23	20,450

Proposed Tanks with Quantity

<u>Sl.No</u>	<u>Class</u>	<u>Material</u>	<u>No of Tank</u>	<u>Quantity (KL)</u>
1	C	Bio Diesel	2	3,100.00
2	A	Hexane/MS Ethanol	7	11,680.00
3	B	HSD/SKO/ATF	9	27,820.00
TOTAL			18	42,600.00
5	NA	Water (Fire Fighting)	2	8,000.00
Total			20	50,600.00

The case was presented by the PP and their consultant wherein during presentation it was observed from the Google image that that the existing site is surrounded by number of industries existing in the nearby area, village on the east and southern side and two other depot of IOCL and BPCL on the western side and primarily site seems to be unsuitable for the proposed augmentation.

Committee after deliberations asked PP to first submit site feasibility study report for further expansion through modelling or other techniques as site is surrounded by other industrial units, bulk storage depots of IOCL & BPCL and village area with respect to following for consideration of TOR:-

1. During presentation it was submitted by PP that some existing facilities will be dismantled thus it should precisely be submitted that which facilities will be dismantled and facilities that will remain intact.
 2. Proposed protection plan for the HPCL Plant and additional measures proposed for the protection of neighboring plants and village area.
 3. Alternate sites should also be examined and discussed in the site feasibility study report.
- 10. Case No. - 5480/2016 Mr. Anil Chugh, Executive Engineer, Indore Development Authority, 7, Race Course Road, Indore, MP – 452003. "Area Development Project", Scheme No. 166, Village - Tigriya Badashah, Chota Bangarda, Tehsil - Indore, Dist. Indore (M.P.) Proposed Plot Area- 19,08,850 m², Planed Area –**

15,74,580 m² Proposed FAR – 859420 sq. mtr., Built up Area – 859420 sq. mtr.,
Cat. 8 (b) Case.

PROJECT PROPOSAL

The project proposal is for "Area Development Project", Scheme No. 166, Village - Tigriya Badashah, Chota Bangarda, Tehsil - Indore, Dist. Indore (M.P.) Proposed Plot Area- 19,08,850 m², Planed Area – 15,74,580 m² Proposed FAR – 859420 sq. mtr., Built up Area – 859420 sq. mtr., Cat. 8 (b).

The case was presented by the PP wherein PP submitted that they are in the process of revising the area statement and thus would like to withdraw their case and will submit fresh proposal. PP has also submitted a request for the same vide letter no. 9318 dated 24/12/2016. The committee after deliberation decided that since PP have submitted a request for withdrawal of their project, the case may be sent back to SEIAA for delisting.

11. Case No. - 5481/2016 Mr. Sunil Thomas, Executive Engineer, Indore Development Authority, 7, Race Course Road, Indore, MP – 452003 "Super Corridor Project" at Indore, (M.P.) Total Land Area – 1623761 m², Net Planning Area for Super Corridor – 844022 m², Built up Area – 9100964 m² Cat. 8 (b) Case.

PROJECT PROPOSAL

The project proposal is for "Super Corridor Project" at Indore, (M.P.) Total Land Area – 1623761 m², Net Planning Area for Super Corridor – 844022 m², Built up Area – 9100964 m² Cat. 8 (b).

The case was presented by the PP wherein PP submitted that they are in the process of revising the area statement and thus would like to withdraw their case and will submit fresh proposal. PP has also submitted a request for the same vide letter no. 9319 dated 24/12/2016. The committee after deliberation decided that since PP have submitted a request for withdrawal of their project, the case may be sent back to SEIAA for delisting.

12. Case No. - 5483/2016 M/s Indian Oil Corporation Ltd, Shri Diwakar Arya, DM (P) GBP, Guna Bottling Plant, Village Dongar, Tehsil Raghogarh, Shri Gunjan Dev, District Guna, (M.P.) Prior Environment Clearance for Additional Bulk

Sotrage Vessels (Mounded Storage) at Village Dongar, Tehsil - Raghogarh, District - Guna, (M.P.) Proposed Additional Storage of LPG Capacity: 3 X 600 MT = 1800 MT, Total Site Area – 60.00 Acres. Cat. 6 (b).

PROJECT PROPOSAL

The project proposal is for Additional Bulk Sotrage Vessels (Mounded Storage) at Village Dongar, Tehsil - Raghogarh, District - Guna, (M.P.) Proposed Additional Storage of LPG Capacity: 3 X 600 MT = 1800 MT, Total Site Area – 60.00 Acres. Cat. 6 (b).

PROJECT DETAILS

Site Address	M/s. INDIAN OIL CORPORATION LIMITED Guna Bottling Plant, Dongar Village, Raghogarh Tehsil Guna District-473 111, Madhya Pradesh
Longitude & Latitude	24°29'15.90"N & 77°07'42.00"E
Land Acquired	Land Area – 60.0Acres Existing Built up area -32.0Acres Proposed Built up area – 1.0 Acres Undeveloped area– 10.0 Acres Greenbelt area – 17.0Acres
Cost of the Project	80.0 Crores
Existing Capacities	2 x 150MT & 1 x 600 MT (Above ground bullets and Horton Sphere) – 900 MT Storage Capacity Bottling Capacity – 12000 MTPM Bulk Tank Truck Loading Facility with 5 Bays. Total Storage capacity after expansion – 2700 MT (900 Mt + 1800 MT)
Proposed Mounded Storage Vessels	3X600 MT = 1800 MT

Nearest Railway station	Vijaypur Railway station – 3.64Km
Nearest Airport	Guna Airport – 29.0Kms
Nearest Forests	Raghogarh forest – 4.5Kms Ajronra Forest – 5.5Kms Donger Forest -3.5Kms
Interstate Boundary	None within 10km radius Small portion of Rajasthan State boundary is at 17.0 kms
Nearest Water bodies	Parbati River – 3.0Kms River Chopan – 3.55Kms Gopi Krishna Sagar Dam – 12.35Kms

EXISTING & PROPOSED INFRASTRUCTURE

Bullets (above ground)	2 X 150MT
Sphere (Horton Sphere)	1 X 600MT
Proposed MSV Storage Facility	3 x 600MT
PPH	21M X 8M
Unloading Shed (5 Nos.)	21M X 15M
Empty cum Filling shed	25.2M X 63.0M 14M X 30.8M
Valve changed shed	16.2M X 11.2M
Filled cylinder shed	25.2M X 16.8M 18.2M X 23.2M
TLD	5 bays each 60M X 15M each
S&D	10M X 6M
Office	30M X 10M

PMCC & DG room	33.45M X 10M
PPH & ACH	35M X 10M
Water Tanks (2 Nos)	20M X 12M
Canteen	30M X 10M
Stores	25M X 10M
Security Cabin	5M X 5M
Watch Tower (4 Nos)	5M high
Assembly Points (2 Nos)	20M X 5M
New air com. house	3M X 3M
Cyl. Deshaping & repainting yard	13.2M X 26.2M
Bore well sheds (2 Nos)	2.9M X 2.9M
Fire pump house	10.5M X 35.5M
Substation	33.45M X 10M
Loading Shed	18.20M X 16.8M

The case was presented by the PP and their consultant wherein after presentation committee decided to issue standard TOR prescribed by the MoEF&CC for carrying out EIA study with following additional TOR's:-

1. Site specific risk assessment study should be carried out and same should be submitted with EIA report.
2. Detailed traffic circulation plan should also be submitted to avoid unnecessary waiting time of vehicles and PP's written commitment that at any time there will be no parking outside of the premises.
3. Submit the certificate of competent authority verifying the distance of protected area/Eco-sensitive zone.
4. Since segregation and necessary correction of defected cylinders is proposed in the project proposal, their environmental consequences should be studied and

discussed in the EIA report.

5. Detailed green belt plan with area, name of species and their number should be provided in EIA report.
6. Any area marked for further expansion in this proposed unit should be detailed out on a layout map and submitted with EIA report.
7. Detailed fire fighting arrangements proposed should be discussed in the EIA report.
8. If there is any sensitive area within 5kms radius of the proposed project site, the proposed safety measures in case of any accident should be discussed in the EIA report.
9. Public hearing as per the provisions of EIA Notification, 2006 should be conducted.

13. Case No. - 4271/2015 Shri Vivek Chauhan, Partner, M/s Virasha Infrastructure, 25-6, WALMI Road, Chuna Bhatti, Bhopal-462016 Prior Environment Clearance for proposed Residential Project "Virasha Heights" at Khasra No.- 401/4/1(kha), 401/4/2 (kha), 401/2, 401/3, 401/4/3(gh), 401/4/3(ga), 401/4(ka), 401/4/3(kha), 400/2, 401/1, & 400/1, Village-Banjari, Tehsil-Huzur, District-Bhopal (MP) Total Plot Area- 29914.72 sqm, Built up Area -44591.3 sqm., CF 270 SEAC Meeting dt. 01/03/16, & Site Visit dt. 09/06/16. For – Building Construction.

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

Particulars	Details
Location	Khasra No. 401/4/1(kha), 401/4/2(kha), 401/2, 401/3, 401/4/3(gh), 401/4/3(ga), 401/4(ka), 401/4/3(kha), 400/2, 401/1 & 400/1 at Village-Banjari, Tehsil-Huzur, District- Bhopal, Madhya Pradesh, India.
Type of Project	Building and large construction project
Category	B, Type- 8(a)
Elevation (m)	467 m above mean sea level
Latitude and Longitude	(mentioned in Fig 4)
Current status of land	Residential as per Bhopal Master Plan, 2005
Type of facilities	Housing with basic amenities

Nearest Highway	Bhopal Bypass Road (NH-12) : 8.5km (E)
Nearest railway station	Habibganj Railway Station: 5.5 km (N) Misrod Railway Station: 2.5 km (S) Bhopal Junction Railway Station: 11 km (N)
Nearest airport	Raja Bhoj International Airport:16 km (NW))
Protected areas as per Wildlife Protection Act, 1972 (Tiger reserve, Elephant reserve, Biospheres, National parks, Wildlife sanctuaries, community reserves and conservation reserves)	Van Vihar National Park:10 km(NW)
Rivers/Lakes	Upper Lake: 11 KM (NW) Kaliasot Dam : 3.50 Km (NW) Shahpura Lake: 3.50 km (N) Kaliyasot River front: 33 m (NE) Kerwa Dam : 6.5 Km (W)
Seismic zone	Seismic Zone-II as per BIS 2002 map.
Defense installations	Cantt Area (Bairagarh): 17 km (NW)

Area Statement

S. No	Items	Details
1.	Type of Building	Residential
2.	Total plot area	29914.72 m ²
3.	Net plot area	29914.72 m ²
4.	Ground Coverage Details	Permissible Multiunit @40% Plotted @60% Proposed =11850.1 m²
5.	Permissible FAR	Permissible FAR @1.25 = 37393.4 sqm Proposed FAR Total – 37393.4 m²
6.	Non- FAR details	Stilt = 6524.80 m ² Informal Sector = 673.1 m ²
7.	Total Built-up area	37393.4 m² (As per MPVPR) 44591.3 m² including Non-FAR (MoEF)
8.	Open/ Park Area(Landscape)	3239.76 m² (10.83% of net plot area)
9.	Road and internal circulation space/ Paved area	12059 m² (40.31%)
10.	No. of Trees	Total no. of trees required: 1 Tree/ 100 m ² of Open Area = (Total Planning Area-Ground Coverage)/100 = 18064.6/100=181 Trees Proposed : 185 Trees

11.	No of units to be developed	No. of multi units: 384 Duplex : 24 EWS : 33
12.	No of multi dwelling units	8 Towers
13.	Height of Building	21 m
14.	Area Utilization	(S+6)
15.	Estimated Population (fixed + floating)	Multiunit:1920 (@ 5 person per unit) Duplex : 120 (@ 5 person per unit) EWS : 165 (@ 5 person per unit) Floating: 221 (10% of total population) Staff: 110 (5% of total population)
16.	Parking facilities	Required Parking as per T&CP=250 Vehicle spaces Visitors Parking @10% = 25 Vehicle spaces Total = 275 Vehicle spaces Provided: Stilt Parking = 217 Vehicle Space Open Parking = 60 Vehicle Space Total Provided Parking = 277 Vehicle Space
17.	Power requirement &source	1896 kVA Source : MPMKVVCL, Bhopal
18.	Power Backup	1 DG sets of 165 kVA for common services
19.	Water Requirement and Source	Fresh water: 148 KLD Recycled treated water: 70 KLD Total water: 218 KLD Source: Municipal water supply
20.	Sewage Treatment and Disposal	Amount of waste water generated : 178 KLD STP Capacity: 210 KLD (~20% higher capacity) Technology : MBBR
21.	Solid Waste Generated	Domestic waste : 1554 kg/day Horticultural waste : 29 kg/day E- waste : <1kg/day

Population Details

Particulars	Population
Residential Population	2040
Staff	110
Visitors	221
EWS/LIG	165

Water Balance during Operation Phase

S. No.	Description	unit/Area (in m ²)	Total Occupancy	Rate of water demand (lpcd)	Total Fresh Water (KLD)	Total Flushing/Recycle d water (KLD)	Total Water Requirement (KLD)
1	Residential	408 Units	2040	Fresh Water @ 65 LPCD Flushing Water @ 21 LPCD	132.6	42.8	175.4
2	Informal Sector	33 units	165	Fresh Water @ 65 LPCD Flushing Water @ 21 LPCD	10.7	3.5	14.2
3	Staff	5% of total population	110	Fresh Water @ 30 LPCD Flushing Water @ 15 LPCD	3.3	1.7	5.0
4	Visitors	10% of total population	221	Fresh Water @ 5 LPCD Flushing Water @ 10 LPCD	1.1	2.2	3.3
Total Domestic water					148	50	198
6	Horticulture and Landscape	3239.76 sqm		5 l/sqm	--	16	16
7	Vehicle, Road washing and other low end uses				--	3	3
8	Cooling water for DG sets (For 4 hours/day runtime)	165 KVA		0.9 l/KVA/Hr	--	0.6	0.6
Total Water Requirement					148	70	218
					Grand Total = 218 KLD		

Parking Details

REQUIRED PARKING	
Required Parking as per T&CP	250 Vehicle spaces
Visitors parking @ 10%	25 Vehicle spaces
Total Parking Required	275 Vehicle spaces
PROPOSED PARKING	
Stilt Parking	217 Vehicle Space
Open Parking	60 Vehicle Space

Total Parking Provided	277 ECS
-------------------------------	----------------

Solid waste Generation

Facilities Provided	Waste generation norms per unit	Basis of Assumption	Unit	Total Waste Generated (Kg/day)
Residential	0.30-0.6 kg/cap/day (i.e. 0.50 kg/cap/day taken)	Source: Manual for municipal solid waste management	2040 persons	1020
EWS	0.30-0.6 kg/cap/day (i.e. 0.50 kg/cap/day taken)	Source: Manual for municipal solid waste management	165 persons	82.5
Visitors	0.15 kg/cap/day	Source: Manual for municipal solid waste management	221 persons	33.2
Staff	0.15 kg/cap/day	Source: Manual for municipal solid waste management	110 Persons	16.5
Garden & open space	15 kg/Acre/day or 0.0037 kg/sq m/day	Discussion with Horticulturists	7796.7 sqm	28.8
Street Sweepings	0.05 to 0.2 kg/cap/day* Assume 0.15 kg/cap/day	Source: Manual for municipal solid waste management	2205 persons	330.8
Sludge	400 kg per MLD	Tifac	0.178	71.2
Waste Oil		Assuming one maintenance per year		Negligible
Total Waste Generated (MT/day)				1583

Case was presented by PP and their consultant in the 270th SEAC meeting dated 01/03/2016 wherein during presentation and deliberations, it was observed that the site is within 10 Km radius of Van Vihar National Park (a Notified PA) from the Google image based on the co-ordinate provided by the PP. The clearance from NBWL is therefore requested. Committee after deliberations decided that PP should be asked to apply online for NBWL clearance and a copy of the application should be submitted to SEAC for further appraisal of the project along with the present legal status of case pending in NGT.

PP has submitted a resolution dated 16/10/2015 that approx. 65% of the project has been completed prior to the submission of application for EC. Thus committee also decided to carryout site visit as per the policy decision of 204th SEIAA meeting dated 30/05/2015 for violation cases. SEIAA has forwarded the case with documents

pertaining to credible action initiated against the PP for violation and credible action has been initiated against the PP as per MPPCB letter no. 4913 dated 01/09/2015.

As decided, Shri K. P. Nyati, Member SEAC and Dr. Alok Mittal, Member SEAC visited the site on 09/06/2016. During inspection, Dr. Abhaya k. Saxena, Sr. Scientific Officer, MP Pollution Control Board, Bhopal was also present along with the PP Mr. Vivek Chauhan and their consultant.

Major Observations during the Site Visit:

- 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 29,914.72 Sq.m. and the proposed built up area of the project is 44,591.5 Sq.m.
- The Project consists of multi story housing and Duplexes with all the basic amenities. The construction work for the project is already initiated and approximately 65% civil work has already been completed. As informed by the PP, 16 blocks are proposed out of which 08 are completed, 04 are incomplete (structure completed) and 04 blocks are yet to be constructed. Possession has been given in some for some of the flats. No construction activities were observed during site visit.
- Only one Entry/exit is exists 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. 100 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. STP was found operational at the time of inspection.
- 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. Dedicated fire storage tanks of 25,000 liters capacity have been provided on the rooftop of the multistory buildings.
- 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 270 KLD is installed and was found operational. STP tanks are installed below ground level and the machine room and pumps are installed on ground. Dual plumbing system has been provided for recycling of treated waste water.

- Area for a 48 hours MSW collection & storage space has already been demarcated near the EWS area.
- As per the information provided by PP, 03 Nos. of Rain Water Harvesting structures are proposed for the harvesting of roof top runoff water out of which 02 have been constructed. PP instructed to make arrangements for the flushing of first rain water to ensure that only clean water enters the recharge system.
- As details provided by PP, 3239.76 Sq.m of area is dedicated for the landscaping purposes. PP has provided peripheral plantation.
- PP also ensured to install energy saving appliances such as LED, CFL lightings in common areas with solar lights.
- During site visit PP submitted the copy of online application filed for wild life clearance w.r.t Van Vihar National Park (a Notified PA) with proposal no. FP/MP/Others/611/2016.
- During site inspection it was observed that Kaliasot River is just about the project boundary on the northern side boundary near entry gate. PP has developed garden and landscape area towards this side. PP was asked to develop thick green belt so that 33 meter distance could be maintained from the river and no construction activity should be under taken in this area.

The above report of the sub-committee was placed before the committee in the 278th SEAC meeting dated 14/06/2016 wherein after deliberations committee endorsed the inspection report and decided that the PP may be called for the presentation in the subsequent meeting of SEAC.

The case was scheduled for the presentation in the 279th SEAC meeting dated 02/07/2016 wherein the case was presented by the PP and their consultant wherein after presentation, PP was asked to submit response on following:

1. Revised water balance should be submitted incorporating the demand for fresh water for swimming pool.

2. Parking space needs to be enhanced at least up to 384 ECS for which PP should revised parking plan.
3. It is proposed that 90 KL of surplus water will be available after completion of the project and committee suggested that this excess water should not be discharged in the Kaliasot River. Thus PP was asked to submit a plan for the disposal of this excess treated water.

PP has submitted the reply of above vide letter dated 19/09/2016 and thus placed in the agenda for query reply the presentation.

The case was earlier scheduled in the 284th SEAC meeting dated 26/11/2016 wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant wherein the query reply submitted by the PP was found satisfactory and acceptable to the committee and hence the case is recommended for grant of EC subject to the following special conditions. As the credible action has already been initiated, this will be further subject to the directions of the Hon'ble Court in the instant case.

1. Fresh water requirement for the project shall not exceed 229 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 185 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. Kaliasot River is just about the project boundary on the northern side boundary near entry gate. PP has developed garden and landscape area towards this side. PP was asked to develop thick green belt so that 33 meter distance could be maintained from the river and no construction activity should be under taken in this area.
12. The grant of Environmental Clearance should be subject to necessary Wild Life Clearance from NBWL to be obtained by PP.
13. No treated sewage should be discharged in to the Kaliasot river. Treated sewage should be discharged in the municipal drain as per the permission obtained by the PP vide letter no. 595 dated 25/07/2015.
14. PP will obtain other necessary clearances/NOC from concerned authorities.
15. PP will comply with all the commitments made in his affidavit dated 19/09/2016.
16. PP will comply with the directions issued by the Hon'ble Court.

DISCUSSIONS ON CASES WHEREIN QUERY REPLIES ARE SUBMITTED BY PP's

- 14. Case No. – 5450/2016 M/s Parima Developers, 18 "Kanchan Sagar", 103/A, Old Palasia, Indore, Distt. - Indore (M.P) – 452001. "New Race Course" Residential Project at Khasra No.- 160/4/8, 160/4/9 & 160/4/10, Vill. Pipliyakumar, Teh. - Indore, Distt.- Indore, (M.P.) Total Land Area- 12,250.00 m², Total Plot Area Area- 9,547.00 m², Total Built-up Area - 23890.00 m² Building Construction Project.**

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 "New Race Course" Residential Project at Khasra No.- 160/4/8, 160/4/9 & 160/4/10, Vill. Pipliyakumar, Teh. - Indore, Distt.- Indore, (M.P.) Total Land Area- 12,250.00 m², Total Plot Area - 9,547.00 m², Total Built-up Area - 23890.00 m² as "Building Construction Project".

Particular	Plot	Net Area	Built up area FSI	Construction Built up	Landscape
------------	------	----------	-------------------	-----------------------	-----------

m ²	12,250.0	9,547.00	29,906.00	28,297.70	954.70
----------------	----------	----------	-----------	-----------	--------

<u>Wing</u>	<u>Configuration</u>	<u>No. of Flats</u>
<u>A1, A2</u>	<u>2 Basement Parking + Stilt Parking + 15 Residential Floor</u>	<u>116 each</u>
<u>B1, B2, B3</u>	<u>2 Basement Parking + Ground Shopping + Mezzanine + 14 Residential Floor</u>	<u>14 shops + 157 Flats</u>
<u>Club House</u>	<u>Guest room, back office, game zone, theater, etc.</u>	<u>1</u>
<u>B Wing (14th Floor)</u>	<u>Banquet hall, Library, Gym, SPA</u>	<u>1 each</u>
<u>EWS</u>		<u>25</u>
<u>LIG</u>		<u>16</u>
<u>Total no. of Flats</u>		<u>273 Flats + 14 Shops</u>

FSI Statement

<u>Sr. No.</u>	<u>Details</u>	<u>Area (m²)</u>
<u>A</u>	<u>Total Land Area</u>	<u>12,250.00</u>
<u>B</u>	<u>Deductions for Area Under Road Widening</u>	<u>2,703.00</u>
<u>C</u>	<u>Net Plot Area (A- B)</u>	<u>9,547.00</u>
<u>D</u>	<u>Amenity Space (On ground floor) (Amenity Space provided on 13th, 14th and 15th floor).</u>	<u>00</u>

<u>E</u>	<u>Open Space (10% of C)</u>	<u>954.7</u>
<u>F</u>	<u>Balance Area of Plot {C-(D+E)}</u>	<u>11,295.30</u>
<u>G</u>	<u>Permissible FSI [CX2+(BX2X2)]</u>	<u>29,906.00</u>
<u>H</u>	<u>Proposed Built up Area</u>	<u>28,297.70</u>

Non – FSI Statement

<u>No.</u>	<u>Description</u>	<u>Area (m²)</u>
<u>1</u>	<u>FSI Area</u>	<u>29,906.00</u>
<u>2</u>	<u>Non FSI</u>	
	<u>Staircase, Lift and Lobby Area</u>	<u>6,340.00</u>
	<u>Terrace</u>	<u>3,102.33</u>
	<u>Encl. Balcony</u>	<u>00</u>
	<u>Stilt</u>	<u>10,400.00</u>
	<u>Electrical room, lift machine room, Service Area</u>	<u>433.00</u>
<u>Total</u>	<u>Total Non FSI</u>	<u>20,275.33</u>
<u>Total 1 +2</u>	<u>Total FSI Area + Total Non FSI</u>	<u>50,181.33</u>

The case was presented by the PP and their consultant in the 284th SEAC meeting dated 26/11/2016 wherein PP informed that the fresh water requirement for the project is 229 KLD and dual plumbing will be provided in the project. It was also informed by the PP that Ralamandal Abhayaran (a notified PA) is >10.00 kms from the project site. After deliberations, PP was asked to provide details on following:

1. Plan of storm water drainage.
2. Details with reference to width of peripheral road and space left for the proposed peripheral plantation on layout map.
3. Detailed plantation scheme with number of trees and names of species.

PP has submitted the reply of above queries vide letter dated 26/11/2016 which was placed before the committee. The query reply submitted by the PP was found satisfactory and acceptable to the committee and hence 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 229.00 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 92 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. PP will obtain other necessary clearances/NOC from concerned authorities.
12. PP will comply with all the commitments made in his affidavit dated 26/11/2016.

- 15. Case No. – 5199/2016 Mr. Rohit Wadhwa, Director, Krishna Kunj, Gandhi Road, Gwalior -474011 Prior Environment Clearance for “The Olympia” of M/s Blue Lotus Realtors Pvt. Ltd, Teh & Distt. –Gwalior (M.P.) at Khasra no. - 45/min-2, 47, 48, 49, 50, 61/1/1, min-2, 68/2/min-2, 52, 53/1, 54, 57, 58/1, 59/min-1, 65, 58/2, 59/min-2,60, 68/2, min-3, 61/1/1/min-1, 61/2, 63, 66, 68/2/min-1, 36/1, 36/2, 37/min-1, 39, 40/1, 40/2, 44, 37/min-2,55/1. Total Plot Area -78060 sq.mt., Total**

Built-up Area - 142710.17 sq.mt. For – Building Construction. For - Qry reply. Presentation. Qry. 279th SEAC Meeting dt. 02/07/16.

PROJECT FEATURES

Name of the Project	: “The Olympia” of M/s Blue Lotus Realtors Pvt. Ltd.Board.
Coordinates of Site	: 26°10’4.73"N, 78°13’2.26"E Elev. 688 ft.
Topography	: Almost Flat
Climate Season)	: Sub – Tropical (Generally dry except Monsoon
Annual Avg. Temperatures	: Max. – 33.50C, Min. – 16.60C
Annual Average Rainfall	: 910 mm
Relative Humidity	: 45% Min. & 85% Max.
Annual Dominant Wind	: NW
Railway Station from site	: Gwalior Railway Station – 8.2 Km away
Air Port	: Gwalior Airport– 17.2 Km away from site
Total Plot Area	: 78060.00 Sq. Mt.
Proposed Built–Up Area	: 142710.00 Sq.mt
Total No. of block	: 13 blocks (Res. 8, school 1, club house 1, community hall 1, commercial 1, duplex block 1,)
Total no. of units	: Residential 1424, studios 273, duplex 14, EWS 117, convenient shop 10,club house 1
Total No. of EWS	: 117 Nos.
Height of building	: B+S+30 M

Road width / MOS	: 24/12/7.5 m
Expected Population	: 8425
Water requirement	: 1234 KLD
Source of Water	: GMC Water supply
Power requirement for Commercial.	: 5514 KVA for Residential & 1288.26 KVA
Source of Power	: MPEB
Solid Waste Generation	: 4.129185 TPD
Waste Water Generation	: 1048.31 KLD - STP Proposed – 1100 KLD

Water Supply

S. No.	Item Description	Residential
1.	Domestic Water Requirement	761 KLD
2.	Flushing Water Requirement	407 KLD
3.	Landscaping & other uses	66 KLD
4.	Total Water Demand	1234 KLD
5.	STP Capacity	1048 KLD on 100% Load & 1100 KLD Proposed
6.	Available Treated Water	471 KLD
7.	Used Treated Water	472 KLD
8.	Net Fresh Water	761 KLD

Car Parking:

Flats	Car required	Cars available
2bhk	730 nos.	876 nos.
2bhk + study	260 nos.	312 nos.
3 bhk	208 nos.	250 nos.
Total	1198 Nos.	1438 Nos.

The case was scheduled for the presentation in the 279th SEAC meeting dated 02/07/2016 wherein the PP and their consultant were present. After the presentation, PP was asked to submit details on following for further consideration of the project:

1. Revised water balance details with measures proposed for the reduction in water demand and utilization of excess treated water.
2. Revised EMP wherein the cost of proposed sewage pipeline for connection with municipal corporation drain should be added.
3. Written commitment of PP that 15 meter area will be left from the HFL of the adjoining nallah.
4. In the layout of the project, some Govt. land is in existence and thus committee recommends that the surrounding area of this Govt. land should be developed as green belt for which a commitment be submitted by the PP.
5. Detailed plans of proposed commercial sectors be submitted by the PP.
6. Details protection plan of neighboring nallah be submitted.
7. Parking plan with sector wise details on layout map be submitted.

PP has submitted the reply of above vide letter dated 24/08/2016 and thus placed in the agenda for query reply the presentation.

The case was presented by the PP and their consultant in the 284th SEAC meeting dated 26/11/2016 wherein PP was asked to submit response on following:

1. PP has submitted a written commitment of restricting construction activity by at least 15 meter from the adjoining nallah. However, the PP was asked to leave 15 meters from the HFL of the adjoining nallah. Thus PP was again asked to submit HFL marked on the layout map and 15 meters area left from the HFL of the nallah.
2. Similarly, PP was asked to submit detailed plans of proposed commercial sectors wherein PP has submitted typical floor plan of only 2425.45 sq. meter area while the proposed area is 24154.81378 sq. meters. Thus PP was again asked to submit the detailed plans of all the floors of proposed commercial sector.
3. PP was asked to submit details protection plan of neighboring nallah which is missing in query reply. Thus PP was again asked to submit protection plan of neighboring nallah.

PP has submitted the reply vide letter dated 03/12/2016 with reference to the 284th SEAC meeting dated 26/11/2016 which was placed before the committee. On scrutiny of the reply submitted by the PP it was observed that PP has submitted the reply which is the copy of the reply submitted earlier by PP vide letter dated 24/08/2016. Thus after deliberations committee decided that PP may be asked to submit precise and query wise reply as per the discussion of 284th SEAC meeting dated 26/11/2016 for further consideration of their project.

[A. A. MISHRA]
Secretary

[Dr. R. B. Lal]
Chairman

[K. P. Nyati]
Member

[Dr. U. R. Singh]
Member

[Dr. Mohini Saxena]
Member

[Manohar K. Joshi]
Member

[R. Maheswari]
Member

[Dr. R. B. Lal]
Chairman