

Minutes of the 292nd meeting of the State Level Expert Appraisal Committee held on 25/05/2016 at Committee Room, Gujarat Pollution Control Board, Gandhinagar.

The 292nd meeting of the State Level Expert Appraisal Committee (SEAC) was held on 25th May, 2016 at Committee Room, Gujarat Pollution Control Board, Gandhinagar. Following members attended the meeting:

1. Shri T. P. Singh, Chairman, SEAC
2. Shri V. C. Soni, Vice Chairman, SEAC
3. Shri R. J. Shah, Member, SEAC
4. Shri V.N. Patel, Member, SEAC
5. Shri Rajesh I Shah, SEAC

The agenda of TOR/Scoping/Category 8 (a) cases and Appraisal cases was taken up. Thirteen cases of TOR/Scoping/Category 8 (a) and six (6) cases of appraisal i.e total 19 cases were taken up. The applicants made presentations on the activities to be carried out along with other details furnished in the Form-1 / Form-1A, EIA report and other reports.

1	M Chemicals	Plot no:807, GIDC-Sachin, Ta:Chorasi, Dist.: Surat	Appraisal																								
<p>Project / Activity No.: 5(f)</p> <p>Project status: Expansion</p> <p>Chronology of EC Process:</p> <ul style="list-style-type: none"> • M/s: M Chemicals (herein after Project Proponent – PP) has submitted application vide their letter dated 17/03/2015. • The project was considered for TOR finalization in the meeting of the SEAC held on 09/06/2015. • EIA Report prepared by M/s: Aqua-Air Environmental Engineers Pvt. Ltd. Surat was submitted by project proponent vide their online proposal no. SIA/GJ/IND2/11311/2015 dated 02/05/2016. <p>Project / Activity Details:</p> <p>This is an existing unit engaged in manufacturing of Synthetic organic chemical 6 Nitro, 1-Diazo, 2-Naphthol, 4-Sulphonic Acid and now PP has proposed for expansion as tabulated below:</p> <table border="1"> <thead> <tr> <th>Sr. no.</th> <th>Name of Products</th> <th>Existing Capacity (MT/Month)</th> <th>Total After Proposed Expansion (MT/Month)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>6 Nitro, 1-Diazo, 2-Naphthol, 4-Sulphonic Acid</td> <td>10.0</td> <td>10.0</td> </tr> <tr> <td>2</td> <td>G-Salt</td> <td>-</td> <td rowspan="5">25.0</td> </tr> <tr> <td>3</td> <td>R-Salt</td> <td>-</td> </tr> <tr> <td>4</td> <td>Amido G-Acid</td> <td>-</td> </tr> <tr> <td>5</td> <td>Aniline 2,4 DSA</td> <td>-</td> </tr> <tr> <td>6</td> <td>Aniline 2,5 DSA</td> <td>-</td> </tr> </tbody> </table>				Sr. no.	Name of Products	Existing Capacity (MT/Month)	Total After Proposed Expansion (MT/Month)	1	6 Nitro, 1-Diazo, 2-Naphthol, 4-Sulphonic Acid	10.0	10.0	2	G-Salt	-	25.0	3	R-Salt	-	4	Amido G-Acid	-	5	Aniline 2,4 DSA	-	6	Aniline 2,5 DSA	-
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1	6 Nitro, 1-Diazo, 2-Naphthol, 4-Sulphonic Acid	10.0	10.0																								
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6	Aniline 2,5 DSA	-																									

7	Para Nitro Chloro Benzoyl Sulphonic Acid	-	
8	Sulfo Tobias Acid	-	
9	Para Cresidine Ortho Sulphonic Acid	-	
10	Schaffer's Acid	-	
11	Broenner's Acid	-	
Total		10.0	35.0

The project falls under Category B of project activity 5(f) as per the schedule of EIA Notification 2006. Plot area is approx. 1650 sq. m. Unit has proposed 300 sq. m area for green belt/tree plantation. Estimated cost of proposed expansion is Rs. 1.2 Crores. Fresh water requirement after proposed expansion will be increased from 10 KL/day to 25 KL/day (2 KL Domestic & 23 KL Industrial) which will be supplied by the GIDC. Wastewater generation after the expansion will be increased from 5.5 KL/day to 16.6 KL/day [15 KL/day industrial + 1.6 KL/day domestic]. Waste water generation will be mainly from Process, Washings, Cooling and Boiler. At present effluent is treated in in-house ETP then it is sent to CETP of M/s. GECL, Sachin for further treatment. Now unit has proposed to segregate waste water into two streams. 5 KL/Day effluent will be treated in ETP and for further treatment, it will be sent to CETP and 10 KL/Day Effluent will be sent to Common MEE of M/s. MEPL for evaporation. At present unit has provided one Baby Boiler in which wood (100 Kg/day) is used as fuel. Now unit has proposed one Baby Boiler and one DG set (125 KVA) as standby facility. Wood (100 Kg/day) is proposed as fuel. At present Alkali scrubber is provided as APCM with 3 no.s of reaction vessels. Unit has proposed alkali scrubber for proposed reaction vessels. Hazardous waste to be generated after proposed expansion will be ETP waste (10 MT/Year), Discarded containers (250 no.s/Month) & Used Oil (200 ltr/year). ETP waste will be disposed off at the nearby common TSDF. Discarded barrels / containers / bags / liners will be either reused or returned back to suppliers or sold only to the authorized vendors after decontamination. Used oil will be sold only to the registered recyclers.

Observations/Discussions:

During presentation, Committee observed that GPCB has issued closure notice on 09/03/2016 under section 33 A of the Water Act-1974 regarding manufacturing of Synthetic organic chemical namely Sulpho Tobias Acid without obtaining prior environmental clearance as per the provision of EIA Notification 2006. The project proponent has violated the provisions of EIA Notification-2006 by starting production activity without obtaining prior EC and hence Committee unanimously decided not to consider the project at this stage. Further it was decided to inform Gujarat Pollution Control Board to initiate credible action on the violation by invoking powers under Section 19 of the Environment (Protection) Act, 1986 for taking necessary legal action under Section 15 of the Act.

2	M/s. Sachin Dyestuff Pvt. Ltd.	Plot no:487, Road no.4, Besides Praful Dyeing Mill, GIDC Sachin, Dist. Surat	Appraisal
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Project / Activity No.: 5(f)

Project status: New

Chronology of EC Process:

- M/s. Sachin Dyestuff Pvt. Ltd. (herein after Project Proponent – PP) has submitted application vide their letter dated 20/06/2015.
- The project was considered for TOR finalization in the meeting of the SEAC held on 09/09/2015.
- EIA Report prepared by M/s: M/s: Aqua-Air Environmental Engineers Pvt. Ltd. Surat was submitted by project proponent vide their online proposal no. SIA/GJ/IND2/11317/2015 dated 02/05/2016.

Project / Activity Details:

This is a new project proposes the manufacturing of following Synthetic Organic Chemicals.

Sr. No.	Name of Product	Proposed Capacity (MT/Month)
1	Ortho Benzaldehyde Sulfonic Acid	15
2	Benzaldehyde 2,4 Disulfonic Acid	25
3	Acid Blue 1	3
4	Acid Blue 7	5
5	Acid Red 52	10
6	Direct Red 239	25
7	Bronner's acid	10
8	Direct Red 239 Liq.	50
9	Acid Blue 15	20
10	Acid Violet 17	20
11	Acid Violet 49	20
12	Acid Black 194	20
13	Reactive Black 5	25
Total		248

The project falls under Category B of project activity 5(f) as per the schedule of EIA Notification 2006. Total plot area is 800 sq. m & unit has proposed 150 sq. m. area for the green belt development/Tree plantation. Expected project cost is Rs. 2 Crores. Total water consumption for proposed project will be 58 KL/day (5.0 KL/Day for Domestic, 1.0 KL/Day for Gardening, 37.0 KL/Day for Process, 4.0 KL/Day for Washing/Scrubber, 6.0 KL/Day for Boiler, 5.0 KL for Cooling) which will be sourced from GIDC water supply. Industrial waste water generation will be 28.2 KL/day (20.5 KL/Day from process, 0.5 KL/Day from Boiler, 0.2 KL/Day from Cooling and 2.0 KL/Day from Washing/Scrubber), which will be sent to common spray dryer of M/s. MEPPL, Sachin for final disposal. Domestic waste water (5 KL/day) will be disposed off into Septic tank/soak pit system. It is proposed to install one Steam Boiler (700 kg/hr), one TFH (200 U) and two no.s of D. G. set (125 KVA). Natural Gas (2000 SCM/day) will be used as a fuel in Boiler and TFH unit and LDO (24 Liters/Hr) will be used as fuel in D.G. Set. Unit has proposed caustic and water scrubber for control of gaseous emission. Hazardous waste generated from the manufacturing activity will be ETP sludge (6 MT/Month), Used oil (50 Lit/Year), Discarded barrels/containers/liners (10 Nos./Month), MEE salt (7.5 MT/Month). Industry is a member of TSDF site of M/S. BEIL, Ankleshwar for suitable treatment and disposal of hazardous

waste.

Observations/Discussion:

Technical presentation made during the meeting by project proponent. While reviewing the EIA report Committee noted that the conclusion part of the different chapters was found non-specific and very common. On asking about the clarification, Consultant confessed that there is a mistake from their side and they requested to allow them for re-submission of revised EIA report which was agreed to by the committee. The Committee therefore did not proceed with the presentation. The proponent was advised to revise the EIA and EMP report based on the factually correct details. After detailed discussion, it was unanimously decided to further appraise the project only after submission of the Revised EIA-EMP report.

3	Heni Drugs Pvt. Ltd.	Plot No:1901/1901 A, Phansa Char Rasta, GIDC Sarigam, Ta.:Umargam, Dist. Valsad	Appraisal
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Project / Activity No.: 5(f)

Project status: Expansion

Chronology of EC Process:

- M/s: Hani Drugs Pvt. Ltd. (herein after Project Proponent – PP) has submitted application vide their letter dated 02/07/2015.
- The project was considered for TOR finalization in the meeting of the SEAC held on 09/09/2015.
- EIA Report prepared by M/s: Unistar Environment and Research Labs Pvt. Ltd., Vapi, was submitted by project proponent vide online proposal no. SIA/GJ/IND2/11329/2015 dated 03/05/2016.

Project status: Expansion

Project / Activity Details:

This unit is engaged in manufacturing of Continuous Distillation of crude ethyl Ole ate and Metallic Salts and now proposed for expansion by adding new products like “Esters, organic intermediates, Aromatic metal compounds, Extracts and Oils as tabulated below:

Sr. No.	Name of Products	Production Capacity (MT/Annum)		
		Existing	Proposed	Total
1	Continuous distillation	300	00	300
2	Metal salt of copper, cobalt, Nickel, Bismuth, Mercury and Aluminum Magnesium Mix Hydrotalcite salt	900	00	900

3	Esters (Ethyl Oleate / Ethyl Lactate., Benzyl Cinnamate / Salicylate , Geranyl Acetate / Formate, Phenoxy Ethyl Isobutyrate / Isovalerate, Vetiveryl Acetate, Ethy hexyl oleate, Cholesterol oleate Benzyl benzoate, Glycidyl Ester (E10), Dibasic esters)	00	250	250
4	Organics Intermediates ((3H)-Isobenzofuranone,3,3-bis(4-hydroxyphenyl) (IBFH), Tetra bromo -(3H)-Isobenzofuranone,3,3-bis (4hydroxyphenyl), N,N dimethyl amino acrylate(1,3-epoxy-2-propanone)	00	45	45
5	Aromatic Metal Compounds Phenyl mercuric acetate b. Phenyl mercuric nitrate c. Phenyl mercuric oleate d. Phenyl mercury dodeceny succinate	00	10	100
6	Extracts and Oils (Cardamom Oli, Spearmint Oil, Eucalyptus Oil Mentha Oil, Citronella Oil, Geranium Oil Pink Pepper Oil, Vetiveryl Oil, Rose Crystals)	00	20	20
Total		1200	415	1615

The project falls under Category B of project activity 5(f) as per the schedule of EIA Notification 2006. Total plot area is 6700 sq. m & unit has proposed 2000 sq. m. area for the green belt development/Tree plantation. Expected project cost for proposed expansion will be 4.10 Crores. Total capital cost for environmental pollution control measures will be Rs. 25 Lacs and recurring cost per annum will be @ Rs. 11.35 Lacs. Total water consumption for project will be 33 KL /day [Existing 7 KL (2 KL for Domestic, 1 KL for Gardening, 1 KL for Process & Washing, 1 KL for Boiler and 2 KL for Cooling) + proposed water requirement 26 KL/Day (2 KL for Domestic, 1 KL for Gardening, 6 KL for Process & Washing, 9 KL for boiler and 8 KL for Cooling)]. Fresh water will be sourced from GIDC water supply. Total Industrial waste water generation will be 7.20 KL/Day (7 KL for Process & Washing, 0.1 KL for boiler and 0.1 KL from Cooling)], Which will be treated using adequate ETP then will be used for the plantation within the premises or will be disposed off through underground drainage to CETP, Sarigam. Domestic waste water (3.50 KL/day) will be disposed off through soak pit

and septic tank. It is proposed to install two Boilers (2 TPH each), one D.G. Set (160 KVA) and one Thermo pack (1000 U). Natural Gas (12 SCM/hr for TFH & 157 SCM/hr for Steam Boilers) will be used as fuel. Total Hazardous waste generated from the manufacturing activity will be used oil (112.50 Lit./Month), ETP waste (6.25 MT/Month), Discarded containers/barrels/liners (0.9 MT/Month), Saturated Carbon (2.5 MT/Month) & Process waste (12.31 MT/Month). ETP waste will be disposed off at the nearby common TSDF. Discarded barrels / containers / bags / liners will be either reused or returned back to suppliers or sold only to the authorized recyclers. Used oil will be sold only to the registered recyclers.

Observations / Discussion:

Technical presentation made during the meeting by project proponent. The baseline environmental quality has been assessed for various components of the environment viz. air, noise, water, biological and socioeconomic. The baseline environmental study has been conducted for the study area of 5 km radial distance from project site for the period November 2015 to January 2016. Ambient Air Quality monitoring was carried out for PM10, PM2.5, SO₂, NO_x, VOC and CO at Six locations, including the project site. Values conform to the prescribed standards for Ambient Air Quality. The incremental Ground Level Concentration (GLC) has been computed using ISCST – 3 model. The resultant concentrations are within the NAAQS. While reviewing the EIA-EMP report, Committee observed that ToR regarding details of mercury free alternatives, compliance of various regulations for mercury metal/compounds, product details, mode of effluent disposal, treatment of mercury bearing waste & disposal of hazardous waste etc. are found not properly addressed. Committee also observed that the quantity of the proposed products is differing from the quantity mentioned in Form-1 & ToR. The proponent was advised to revise the EIA and EMP report based on the TOR, which was agreed to by the project proponent. After detailed deliberations the Committee sought following additional information for further consideration of the proposal:

1. Revised EIA report with complete details for following TORs which were found not addressed properly in the EIA report.
 - 2,3,7,8, 14,18,30 & 44
2. Details regarding mercury bearing waste disposal for last 5 Years with justification of quantity of waste.
3. Revised product list in EIA report as per Form-1 and relevant details like Water balance, waste generation etc.

4	M/s. Koel Colours Pvt. Ltd.	Plot no:911,GIDC Sarigam, Ta.: Umargam, Dist.: Valsad	Appraisal
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Project / Activity No.: 5(f)

Project status: Expansion

Chronology of EC Process:

- This project proposed by M/s: Koel Colours Pvt. Ltd. (herein after Project Proponent – PP) has submitted an application vide their letter dated 17/06/2015.
- The project proponent was called for brief presentation and discussion in the meeting of SEAC

held on 09/09/2015. During the meeting held on 09/09/2015, certain additional TOR was prescribed for the EIA study to be done covering 5 Km of study area.

- EIA Report prepared by M/s: Unistar Environment and Research Labs Pvt. Ltd., Vapi, was submitted by project proponent vide online proposal no. SIA/GJ/IND2/11342/2015 dated 04/05/2016.

Project / Activity Details:

This unit is engaged in manufacturing of Ink, Coatings mediums and reducers by mixing and blending process and Colourants of various shades for cosmetics and pharmaceutical applications by mixing and blending process. Now unit has proposed for expansion by addition of new products of Lake colours, Acyl amino Acids and Inorganic Pigments as tabulated below:

Sr. No.	Products Name	Production Capacity (MT/Month)		
		Existing	Proposed	Total
1.	Ink, Coating Mediums and Reducers by mixing, blending and packing process	100	--	100
2.	Colourants of various shades for cosmetics and pharmaceutical applications by mixing and blending process	800	--	800
3.	Lake Colours (Ponceau SX, Carmosine, Acid Orange, Sunset Yellow, Allura Red, Amaranth, Ponceau 4 R, Acid Fuchine, Tartrazine, Black PN, Patent Blue V, Fast Green FCF, Brilliant Blue, Acid Red 52, Tetra BromoFlurocein, Phloxine B, erythrosine, Quinoline Yellow WS, Indigo Carmine)	--	100	100
4.	Acyl amino Acids (Louryl lysine, Lauroyl Arginine Lysine, Sodium Cocoyl Glutamate, Sodium Lauroyl Glutamate etc.)	--	40	40
5.	Pigments (Manganese violet and hydrated chrome oxide)	--	40	40
	Total	900	180	1080

The project falls under Category B of project activity 5(f) as per the schedule of EIA Notification 2006. Total plot area is 4085 sq. m and unit has proposed 1200 sq. m. area for the green belt development/Tree plantation. Expected project cost is Rs. 8.55 Crores.

Capital cost for EMP has been estimated around Rs. 90 lakhs and recurring cost provision for EPM

has been estimated to be around Rs. 21.44 Lakhs /Year.

Unit has obtained CC&A for existing products, which is valid up to 30/06/2020. Total water consumption after proposed expansion will be 166 KL /day [Existing 13 KL (10 KL for Domestic, 2 KL for Gardening and 1 KL for Cooling) and proposed 153 KL/Day (5 KL for Domestic, 5 KL for Gardening, 137 KL for Process & Washing, 5 KL for boiler and 1 KL for Cooling)]. Fresh water will be sourced from GIDC water supply. Total Industrial waste water generation after proposed expansion will be 92 KL/Day [(Existing NIL) and proposed 91.20 (90 KL for Process & Washing, 1 KL for boiler and 0.20 KL for Cooling)]. Industrial waste water (91.20 KL/Day) will be treated using adequate effluent treatment plant comprises of Primary, Secondary & Tertiary treatment plants, then will be used for the plantation or will be disposed off through underground drainage to CETP, Sarigam. Domestic waste water (12 KL/Day) will be disposed off through adequate soak pit and septic tank. Treated effluent will be discharged into closed drainage line to CETP. Unit has proposed one Baby Boiler (800 kg/Day) in which CNG (7 SCM/Day) will be used as fuel. Unit has Existing DG Set Capacity of 50 KVA and Proposed DG set capacity of 75 KVA in which HSD (for Existing DG set 8 Lit/hr and for Proposed DG set 15 Lit/hr) will be used as fuel. Dust collector will be attached to pulverizer as air pollution control measures. All the solvents will be handled through closed system. Hazardous waste generated from the manufacturing activity will be proposed ETP sludge (8 MT/M), Waste residue (0.05 MT/Year), Used oil (10.2 Lit/Month) and Discarded containers/ bas/ barrels (40 MT/Month). ETP waste & waste residue will be disposed off at the nearby common TSDF. Discarded barrels / containers / bags / liners will be either reused or returned back to suppliers or sold only to the authorized recyclers. Used oil will be sold only to the registered recyclers.

Observations / Discussion:

Technical presentation made during the meeting by project proponent.

The baseline environmental quality has been assessed for various components of the environment viz. air, noise, water, biological and socioeconomic. The baseline environmental study has been conducted for the study area of 5 km radial distance from project site for the period November 2015 to January 2016. Ambient Air Quality monitoring was carried out for PM10, PM2.5, SO2, NOx, VOC and CO at Six locations, including the project site. Values conform to the prescribed standards for Ambient Air Quality. The incremental Ground Level Concentration (GLC) has been computed using ISCST – 3 model. The resultant concentrations are within the NAAQS. Upon asking about the Solvent management, PP informed that all solvents are utilized in the finished product preparation and there is no any generation of spent solvent. After deliberations on various aspects, the committee decided to recommend the project to SEIAA, Gujarat for the grant of Environmental Clearance.

5	Goenka Industries Pvt Ltd	Block No:947,Moje:Tadkeshwar, Ta.: Mandvi, Dist.: Surat	Appraisal
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Project / Activity No.: 5(d)

Project status: New

Chronology of EC Process:

- M/s: Goenka Industries Pvt. Ltd. (herein after Project Proponent – PP) has submitted application vide their proposal no. SIA/GJ/IND2/6297/2016 dated 02/01/2016.

- This project was considered in the meeting of the SEAC held on 24/02/2016. During the meeting, the request for categorizing the project as B2 was considered by the committee as per OM issued MoEF vide no. J-13012/12/2013-IA-II(I) dated 24th December, 2013 and the additional information was sought for appraisal of the project.
- The project proponent submitted the additional information vide their online proposal no. SIA/GJ/IND2/53528/2016 dated 07/05/2016.

Project / Activity Details:

This is a new unit proposes the manufacturing of Nylon Fully Drawn Yarn as tabulated below:

Sr. No.	Name of Product	Quantity MT/Month
1.	Nylon Fully Drawn Yarn	650
2.	Waste Yarn (By Product)	20

The project falls under Category B of project activity 5(d) as per the schedule of EIA Notification 2006. Total plot area is 21,448.0 sq. m & unit has proposed 10,088.93 sq mtr area for the green belt development/Tree plantation. Aerial distance of nearest residential area of Village Tadkeshwar is @ 1.8 km from the project site. Expected project cost is Rs. 80.92 Crores. Total water consumption for proposed project will be 126 KL/day (26 KL for Gardening, 100 KL for Industrial & Domestic- WTP). Treated water (67 KL/day) from WTP will be utilized for Cooling (51 KL), DM plant (8 KL), Washing (5 KL) and Domestic (3 KL). WTP reject water (7 KL/day), Cooling blow down (12 KL/day), DM plant (2 KL/day) & washing waste water (5 KL/day) will be treated in proposed ETP comprising Primary, Secondary & Tertiary treatment plant and treated waste and treated waste water (26 KL/day) will be utilized for cooling make-up. Hence, fresh water requirement will be 100 KL/day which will be sourced from Canal Water supply. Domestic waste water (2.8 KL/day) will be disposed off into soak pit system. There will be no flue gas generation from manufacturing process or utilities. Unit has proposed one DG set (250 KVA) in which Diesel (30 ltrs/hr) will be used as fuel. No process gas emission is envisaged. Hazardous waste generated from the manufacturing activity will be ETP sludge (2.0 MT/Year), Discarded containers/Bags/Liners (150 Nos./Year) and used oil (0.1 KL /Year). ETP waste will be disposed off at the nearby common TSDF. Discarded barrels / containers / bags / liners will be either reused or returned back to suppliers or sold only to the authorized recyclers/vendors. Used oil will be sold only to the registered recyclers. By-product Yarn waste (20 MT/Month) will be sold out to actual users.

Observations & Discussions:

Technical presentation made by the project proponent during the meeting. While discussing about the waste water treatment and management during monsoon season, PP informed that they have proposed to reuse treated waste water (26 KL/day) for cooling make-up instead of gardening/plantation. Committee asked to sell out waste yarn to the authorized actual users, which was agreed to by the project proponent. After detailed discussion, it was decided to recommend the

project to SEIAA, Gujarat for grant of Environmental Clearance.

6	Wood Pulp Panel LLP	Survey No. 133/3, Pipaliya-Mahendra-gadh Road, Near,Pipaliya Cross Road, At Pipaliya, Morbi	Screening & Scoping
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Project / Activity No.: 5(f)

Project status: New

Chronology of EC Process:

- M/s: Wood Pulp Panel LLP (herein after Project Proponent – PP) has submitted application vide their proposal no. SIA/GJ/IND2/3068/2015 dated 13/10/2015
- This project was considered in the meeting of the SEAC held on 25/02/2016.
- Looking to the small scale of the project, technical aspects of the project, low pollution potential and the details presented during the meeting, after detailed elaboration, the project was categorized as B2 category project and the additional information was sought for appraisal of the project.
- The project proponent submitted the additional information vide online proposal no. SIA/GJ/IND2/53563/2016 dated 07./05/2016

Project / Activity Details:

This is a new project proposes for the manufacturing of Synthetic Organic chemicals as tabulated below:

Sr. no.	Name of Products	Quantity
1	Pre Laminated particle Board/MDF/Plywood/HDF:	60,000 Nos./Month
2	Phenol Formaldehyde Resin	25 MT/Month
3	Melamine Formaldehyde Resin	25 MT/Month
4	Urea Formaldehyde Resin	35 MT/Month
5	Melamine Urea Formaldehyde Resin	35 MT/Month

The location of the unit is outside the notified area. As per amendment to EIA Notification, 2006 vide SO 1599 (E) dated 25.06.2014, small units are categorized as Category “B” projects. Small units are defined as with water consumption less than 25 M³/day; Fuel consumption less than 25 TPD; and not covered in the category of MAH units as per the Management, Storage, Import of Hazardous Chemical Rules (MSIHC Rules), 1989.

During presentation, PP informed that water requirement is 10 KL/day. Fuel requirement is 1.3 MT/day (<25 MT/day) and Chemicals to be used are not covered in MAH category. Hence, the proposed products of Resins fall under Category B of project activity 5(f) as per the EIA Notification 2006.

Total plot area is 9713 sq. m & unit has proposed 3096 sq mtr area for the green belt development/Tree plantation. Expected project cost is Rs.2.71 Crores. Aerial distance of nearest residential area of Mahendragadh is @ 1.40 km from the project site. Total water consumption for

proposed project will be 10 KL/day (1.4 KL for Domestic, 5.4 KL for Gardening, 3.2 KL for Industrial Purpose) which will be sourced from Bore well water supply. Industrial waste water generation will be 0.35 KL/day, which will be treated in proposed effluent treatment plant followed by evaporator to achieve Zero Liquid Discharge. Domestic waste water (1.3 KL/day) will be disposed off into soak pit system. It is proposed to install one TFH (6 Lac Kcal/hr). Briquettes of Bio coal (1.3 MT/day) will be used as fuel for TFH. Cyclone separator followed by Bag filter is proposed as APCM. Cyclone separator will be provided with Sanding machine as APCM. Unit has proposed one DG set (100 KVA) in which HSD (18.6 ltrs/hr) will be used as fuel. Hazardous waste generated from the manufacturing activity will be ETP sludge & evaporation residue (0.175 MT/Month), Discarded containers/Bags/Liners (0.02 MT/Month) and used oil (0.004 MT /Month). ETP waste & Evaporation residue will be disposed off at the nearby common TSDF. Discarded barrels / containers / bags / liners will be either reused or returned back to suppliers or sold only to the authorized recyclers/vendors. Used oil will be sold only to the registered recyclers.

Observations & Discussions:

Technical presentation made during the meeting by project proponent. While discussing about applicability of MAH unit with regard to storage of Formaldehyde, PP informed that they will store formaldehyde (37%) less than 5 MT as monthly consumption of formaldehyde is @ 72 MT and maximum daily consumption will be @ 3 MT. Upon asking about fuel to be used for TFH, PP informed that they will use briquettes of Bio-Coal only as fuel. After deliberations on various aspects, the committee decided to recommend the project to SEIAA, Gujarat for the grant of Environmental Clearance.

7.	Affordable housing scheme by Ahmedabad Municipal Corporation.	F.P.No.26/1,+26/2/1+25/2/1, T.P.S.No.87, Vatva – Vinzol, Ahmedabad.	Screening / scoping & appraisal.
Details of the proposed project as presented before the committee is tabulated below:			
Sr. No.	Particulars	Details	
1.	Proposal is for	New Project [SIA/GJ/NCP/53073/2016]	
2.	Type of Project	Residential project.	
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)	
4.	Name of the project	Affordable housing scheme by Ahmedabad Municipal Corporation.	
5.	Name of Developer	Ahmedabad Municipal Corporation.	
6.	Estimated Project Cost (Rs. In Crores)	Rs . 80 Crore	
7.	Whether construction work has been initiated at site? If yes, details	No	

	thereof																									
8.	Project Details	<ul style="list-style-type: none"> Land / Plot Area (m²): 49134.82 FSI area used (m²): 65,335.99 Total BUA (m²): 70,106.21 <table border="1"> <thead> <tr> <th></th> <th>Permissible</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>FSI Area, (m²)</td> <td>88,442.68</td> <td>65,335.99</td> </tr> <tr> <td>Ground Coverage, (m²)</td> <td>-</td> <td>8,169.28</td> </tr> <tr> <td>Common Plot Area, (m²)</td> <td>4,913.48</td> <td>4,956.07</td> </tr> <tr> <td>Max. building height, (m)</td> <td>-</td> <td>15.09</td> </tr> </tbody> </table>		Permissible	Proposed	FSI Area, (m ²)	88,442.68	65,335.99	Ground Coverage, (m ²)	-	8,169.28	Common Plot Area, (m ²)	4,913.48	4,956.07	Max. building height, (m)	-	15.09									
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Max. building height, (m)	-	15.09																								
9.	Building Details	<ul style="list-style-type: none"> No. of Buildings: 59 No. of Blocks: 59 Scope of buildings/blocks: Ground floor + 3 floors. No. of Residential Units: 1888 Details of amenities if any: Anganwadi, Health Care Centre 																								
10.	No. of expected residents / users	11328 person																								
11.	Water & waste water details during construction phase	<ul style="list-style-type: none"> Water requirement (KL/day): 46.1 Source of water: Water supply from Ahmedabad Municipal Corporation (AMC). Waste water generation quantity (KL/day): 5 Mode of disposal: Into drainage line of Ahmedabad Municipal Corporation (AMC). Details of reuse of water, if any: No 																								
12.	Water & waste water details during operation phase	<ul style="list-style-type: none"> Fresh water requirement (KL/day): 1535.0 Source of water: Water supply from Ahmedabad Municipal Corporation (AMC). Waste water generation quantity (KL/day): 1224.0 Mode of disposal: Discharge into the underground drainage line of Ahmedabad Municipal Corporation (AMC). 																								
13.	Status of water supply and drainage line	Water supply & drainage line of AMC are available in the area.																								
14.	Solid waste Management	<p>Construction Phase:</p> <table border="1"> <thead> <tr> <th>Description</th> <th>Generation (kg/day)</th> <th>Quantity to be reused (kg/day)</th> <th>Mode of Disposal / Reuse</th> </tr> </thead> <tbody> <tr> <td>Top Soil</td> <td>9.0</td> <td>100 % reuse</td> <td>For garden development</td> </tr> <tr> <td>Other excavated earth</td> <td>25.0</td> <td>80 % reuse for back filling</td> <td>Send to the nearest collection point of AMC</td> </tr> <tr> <td>Construction debris</td> <td>80.0</td> <td>30% reuse for internal road sub base</td> <td>Send to the nearest collection point of AMC</td> </tr> <tr> <td>Steel scrap</td> <td>3.0</td> <td>--</td> <td>Sell to Actual Users</td> </tr> <tr> <td>Discarded packing materials</td> <td>1.5</td> <td>--</td> <td>Sell to Actual Users</td> </tr> </tbody> </table>	Description	Generation (kg/day)	Quantity to be reused (kg/day)	Mode of Disposal / Reuse	Top Soil	9.0	100 % reuse	For garden development	Other excavated earth	25.0	80 % reuse for back filling	Send to the nearest collection point of AMC	Construction debris	80.0	30% reuse for internal road sub base	Send to the nearest collection point of AMC	Steel scrap	3.0	--	Sell to Actual Users	Discarded packing materials	1.5	--	Sell to Actual Users
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Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal / Reuse							
Dry waste & Wet waste	5664	Organic waste and In organic waste will be collected in different buckets.	The recyclable waste will be sold off to recyclers. The non recyclable solid waste to be generated will be transferred to the nearest collection point of AMC.							
15.	Parking Details	<ul style="list-style-type: none"> • Total Parking area requirement for per GDCR: 9,800.4 m² • Parking area provided as per GDCR: 10,750.15 m² • Total number of CPS requirement for the project as per NBC : 944 • Total parking area provided as open surface (m²) & No. of CPS: 10,750.15 & 467 CPS. 								
16.	Traffic Management	<ul style="list-style-type: none"> • Width of adjacent public roads: 15 & 24 m • Number of Entry & Exit provided on approach road/s: 4 gates will be provided • Width of Entry & Exit provided on approach road/s: 7.5 m • Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 3 • Width of all internal roads: 7.5 								
17.	Details of Green Building measures proposed.	Use of transformers & motors having minimum efficiency of 85%, use of CFL lights in common areas, use of light colours for walls & ceiling to reduce the light absorption & to minimize cooling requirement, rain water harvesting through ground water recharge etc.								
18.	Energy Requirement, Source and Conservation	<ul style="list-style-type: none"> • Power supply: by Torrent Power Limited Maximum demand: 600 KW Connected load: - • Source : Torrent Power Limited • Energy saving measures: Use of transformers & motors having minimum efficiency of 85%, use of CFL lights in common areas, use of light colours for walls & ceiling to reduce the light absorption & to minimize cooling requirement etc. • DG Sets: Not proposed. 								
19.	Fire and Life	Fire extinguishers will be providing at each floor.								

	Safety Measures	
20.	Details on staircase	
	Type & no. of buildings	No. of floors
	Floor area m ²	No. of staircase
	Width of the staircase(m)	Travel distance (m)
	1 to 59,	G.F.+3
	214.08	One in each building
	1.5	<25
21.	Rain Water Harvesting (RWH)	<ul style="list-style-type: none"> • Level of the Ground water table: • No. & dimensions of RWH tank(s) : • No. and depth of percolations wells : 13 nos. • Details on Pre-treatment facilities : Filtration & removal of oil & grease
22.	Green area details	<ul style="list-style-type: none"> • Tree covered area (m²) : 2948.0 • Area covered by shrubs and bushes (m²): --- • Lawn covered area (m²): 2,008.07 • Total Green Area (m²): 4,956.07 • Green Area % of plot area: 10 % • No. of trees and species to be planted: 740
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Total 14 lacs is proposed for municipal solid waste collection & disposal, sewage disposal charges, green belt development & rain water harvesting.
24.	Proposed dust control measures during the construction phase	Water sprinkling, loose construction material will be covered with tarpaulin while storage & transportation etc.
25.	Eco friendly building material usage details.	Use of Ready Mix Concrete (RMC).
26.	Details on amenities to be provided to the construction workers.	Drinking water, doctor service, financial support to workers' children for education & food, safety appliances, sanitary facility etc.
27.	Documents related to land possession.	A copy of order from SHAHERI JAMIN TOCH MARYADA OFFICE submitted by them shows that the land has been allotted to Ahmedabad Municipal Corporation.

During the meeting, it was presented that all the residential units are of 1 BHK. The committee was of the view that parking area provision as per NBC norms should not be insisted upon in such a project housing all the units for people from Low Income Group. While asking by the committee, the project proponent replied that they are not planning for any further expansion of the proposed project in future. The project proponent was asked that in case of any expansion of the proposed project, the parking area provision for the project as per NBC norms shall be ensured. After discussing various aspects of the project, it was decided to consider the project only after submission of the following:

1. Exact aerial distance of the project site from the nearest TSDF site & the nearest industrial estate.																		
8.	Affordable housing scheme by Ahmedabad Municipal Corporation.	F.P.No.52/2/1, T.P.S.No.88 (Vatva 2), Vatva, Ahmedabad.	Screening / scoping & appraisal.															
Details of the proposed project as presented before the committee is tabulated below:																		
Sr. No.	Particulars	Details																
1.	Proposal is for	New Project [SIA/GJ/NCP/53076/2016]																
2.	Type of Project	Residential project.																
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)																
4.	Name of the project	Affordable housing scheme by Ahmedabad Municipal Corporation.																
5.	Name of Developer	Ahmedabad Municipal Corporation.																
6.	Estimated Project Cost (Rs. In Crores)	Rs. 60 Crore																
7.	Whether construction work has been initiated at site? If yes, details thereof	No																
8.	Project Details	<ul style="list-style-type: none"> Land / Plot Area (m²): 28,760.00 FSI area used (m²): 42,020.21 Total BUA (m²): 45,092.51 <table border="1"> <thead> <tr> <th></th> <th>Permissible</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>FSI Area, (m²)</td> <td>51,768.0</td> <td>42,020.21</td> </tr> <tr> <td>Ground Coverage, (m²)</td> <td>---</td> <td>11,360.86</td> </tr> <tr> <td>Common Plot Area, (m²)</td> <td>2,876.00</td> <td>3,011.51</td> </tr> <tr> <td>Max. building height, (m)</td> <td>---</td> <td>15.09</td> </tr> </tbody> </table>			Permissible	Proposed	FSI Area, (m ²)	51,768.0	42,020.21	Ground Coverage, (m ²)	---	11,360.86	Common Plot Area, (m ²)	2,876.00	3,011.51	Max. building height, (m)	---	15.09
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Common Plot Area, (m ²)	2,876.00	3,011.51																
Max. building height, (m)	---	15.09																
9.	Building Details	<ul style="list-style-type: none"> No. of Buildings: 38 No. of Blocks: 38 Scope of buildings/blocks: Ground floor + 3 floors. No. of Residential Units: -1216 Details of amenities if any: Anganwadi, Health Centre 																
10.	No. of expected residents / users	7296 person																
11.	Water & waste water details during construction phase	<ul style="list-style-type: none"> Water requirement (KL/day): 44.0 Source of water: Local water tankers. Waste water generation quantity (KL/day): 3 Mode of disposal: Into drainage line of Ahmedabad Municipal Corporation (AMC). Details of reuse of water, if any: No 																

12.	Water & waste water details during operation phase	<ul style="list-style-type: none"> • Fresh water requirement (KL/day): 990.0 • Source of water: Water supply from Ahmedabad Municipal Corporation (AMC). • Waste water generation quantity (KL/day): 788.0 • Mode of disposal: Discharge into the underground drainage line of Ahmedabad Municipal Corporation (AMC). 																																
13.	Status of water supply and drainage line	AMC water supply and AMC sewerage line																																
14.	Solid waste Management	<p>Construction Phase:</p> <table border="1" data-bbox="414 571 1412 1019"> <thead> <tr> <th>Description</th> <th>Generation (kg/day)</th> <th>Quantity to be reused (kg/day)</th> <th>Mode of Disposal / Reuse</th> </tr> </thead> <tbody> <tr> <td>Top Soil</td> <td>7.0</td> <td>100 % reuse</td> <td>For garden development</td> </tr> <tr> <td>Other excavated earth</td> <td>18.0</td> <td>80 % reuse for back filling</td> <td>Send to the nearest collection point of AMC</td> </tr> <tr> <td>Construction debris</td> <td>75.0</td> <td>30% reuse for internal road sub base</td> <td>Send to the nearest collection point of AMC</td> </tr> <tr> <td>Steel scrap</td> <td>3.0</td> <td>--</td> <td>Sell to Actual Users</td> </tr> <tr> <td>Discarded packing materials</td> <td>1.0</td> <td>--</td> <td>Sell to Actual Users</td> </tr> </tbody> </table> <p style="text-align: center;">Total Solid Waste shall (50 workers x 500 gm/person/) 25 kg/day</p> <p>Operation Phase:</p> <table border="1" data-bbox="414 1153 1412 1489"> <thead> <tr> <th>Type of waste</th> <th>Generation Quantity (Kg/day)</th> <th>Mode of waste collection</th> <th>Mode of Disposal / Reuse</th> </tr> </thead> <tbody> <tr> <td>Dry waste & Wet waste</td> <td>1600</td> <td>Organic waste and In organic waste will be collected in different buckets.</td> <td>The recyclable waste will be sold off to recyclers. The non recyclable solid waste to be generated will be transferred to the nearest collection point of AMC.</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Details of segregation if to be done: collection of organic and inorganic waste will be in different buckets and it will be subsequently collected by AMC. • Capacity and no. of community bins to be placed within premises: No of Bins:326; Volume of Bins: 80 Lit each • Landfill site where waste will be ultimately disposed by local authority: at the nearest MSW collection point of AMC. 	Description	Generation (kg/day)	Quantity to be reused (kg/day)	Mode of Disposal / Reuse	Top Soil	7.0	100 % reuse	For garden development	Other excavated earth	18.0	80 % reuse for back filling	Send to the nearest collection point of AMC	Construction debris	75.0	30% reuse for internal road sub base	Send to the nearest collection point of AMC	Steel scrap	3.0	--	Sell to Actual Users	Discarded packing materials	1.0	--	Sell to Actual Users	Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal / Reuse	Dry waste & Wet waste	1600	Organic waste and In organic waste will be collected in different buckets.	The recyclable waste will be sold off to recyclers. The non recyclable solid waste to be generated will be transferred to the nearest collection point of AMC.
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15.	Parking Details	<ul style="list-style-type: none"> • Total Parking area requirement for per GDCR: 9,800.4 m² • Parking area provided as per GDCR: 10,750.15 m² • Total number of CPS requirement for the project as per NBC : 944 • Total parking area provided as open surface (m²) & No. of CPS: 10,750.15 & 467 CPS. 																																

16.	Traffic Management	<ul style="list-style-type: none"> Width of adjacent public roads: 24 m & 18 m Number of Entry & Exit provided on approach road/s: 5 gates will be provided. Width of Entry & Exit provided on approach road/s: 7.5 m Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 3 Width of all internal roads: 7.5 				
17.	Details of Green Building measures proposed.	Use of transformers & motors having minimum efficiency of 85%, use of CFL lights in common areas, use of light colours for walls & ceiling to reduce the light absorption & to minimize cooling requirement, rain water harvesting through ground water recharge etc.				
18.	Energy Requirement, Source and Conservation	<ul style="list-style-type: none"> Power supply: by Torrent Power Limited Maximum demand: 600 KW Connected load: - Source : Torrent Power Limited Energy saving measures: Use of transformers & motors having minimum efficiency of 85%, use of CFL lights in common areas, use of light colours for walls & ceiling to reduce the light absorption & to minimize cooling requirement etc. DG Sets: Not proposed. 				
19.	Fire and Life Safety Measures	Fire extinguishers will be providing at each floor.				
20.	Details on staircase					
	Type & no. of buildings	No. of floors	Floor area m ²	No. of staircase	Width of the staircase(m)	Travel distance (m)
	1 to 38	G.F.+3	273.37	One in each building.	1.5	25
21.	Rain Water Harvesting (RWH)	<ul style="list-style-type: none"> Level of the Ground water table: No. & dimensions of RWH tank(s) : No. and depth of percolations wells : 8 nos Details on Pre-treatment facilities : Filtration & removal of oil & grease 				
22.	Green area details	<ul style="list-style-type: none"> Tree covered area (m²) : 1,726.0 Area covered by shrubs and bushes (m²): --- Lawn covered area (m²): 1,285.51 Total Green Area (m²): 3,011.51 Green Area % of plot area: 12 % No. of trees and species to be planted: 432 trees. 				
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Total 18 lacs is proposed for municipal solid waste collection & disposal, sewage disposal charges, green belt development & rain water harvesting.				
24.	Proposed dust control measures	Water sprinkling, loose construction material will be covered with tarpaulin while storage & transportation etc.				

	during the construction phase	
25.	Eco friendly building material usage details.	Use of Ready Mix Concrete (RMC).
26.	Details on amenities to be provided to the construction workers.	Drinking water, doctor service, financial support to workers' children for education & food, safety appliances, sanitary facility etc.
27.	Documents related to land possession.	A copy of order from SHAHERI JAMIN TOCH MARYADA OFFICE submitted by them shows that the land has been allotted to Ahmedabad Municipal Corporation.

During the meeting, it was presented that all the residential units are of 1 BHK. The committee was of the view that parking area provision as per NBC norms should not be insisted upon in such a project housing all the units for people from Low Income Group. While asking by the committee, the project proponent replied that they are not planning for any further expansion of the proposed project in future. The project proponent was asked that in case of any further expansion of the proposed project, the parking area provision for the project as per NBC norms shall be ensured. After discussing various aspects of the project, it was decided to consider the project only after submission of the following:

1. Exact aerial distance of the project site from the nearest TSDF site & the nearest industrial estate.

9.	Affordable housing scheme by Ahmedabad Municipal Corporation.	F.P.No.(50+52/1+53/1+11/5)/P,T.P.S.No.88 (Vatva - 2), at Vatva, Ahmedabad.	Screening / scoping & appraisal.
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Details of the proposed project as presented before the committee is tabulated below:

Sr. No.	Particulars	Details
1.	Proposal is for	New Project [SIA/GJ/NCP/53076/2016]
2.	Type of Project	Residential project.
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)
4.	Name of the project	Affordable housing scheme by Ahmedabad Municipal Corporation.
5.	Name of Developer	Ahmedabad Municipal Corporation.
6.	Estimated Project Cost (Rs. In Crores)	Rs. 35 Crore
7.	Whether construction work has been initiated at site? If yes, details thereof	No

8.	Project Details	<ul style="list-style-type: none"> Land / Plot Area (m²): 22,471.64 FSI area used (m²): 29,884.57 Total BUA (m²): 32,067.52 <table border="1" data-bbox="507 360 1517 533"> <thead> <tr> <th></th> <th>Permissible</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>FSI Area, (m²)</td> <td>---</td> <td>29,884.57</td> </tr> <tr> <td>Ground Coverage, (m²)</td> <td>---</td> <td>8,169.28</td> </tr> <tr> <td>Common Plot Area, (m²)</td> <td>2,247.16</td> <td>2,325.58</td> </tr> <tr> <td>Max. building height, (m)</td> <td>---</td> <td>25.09</td> </tr> </tbody> </table>		Permissible	Proposed	FSI Area, (m ²)	---	29,884.57	Ground Coverage, (m ²)	---	8,169.28	Common Plot Area, (m ²)	2,247.16	2,325.58	Max. building height, (m)	---	25.09									
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FSI Area, (m ²)	---	29,884.57																								
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Max. building height, (m)	---	25.09																								
9.	Building Details	<ul style="list-style-type: none"> No. of Buildings: 27 No. of Blocks: 27 Scope of buildings/blocks: Ground floor + 3 floors. No. of Residential Units:884 Details of amenities if any: Anganwadi, Health Centre 																								
10.	No. of expected residents / users	5304 person																								
11.	Water & waste water details during construction phase	<ul style="list-style-type: none"> Water requirement (KL/day): 25.0 Source of water: Local water tankers. Waste water generation quantity (KL/day): 3 Mode of disposal: Into drainage line of Ahmedabad Municipal Corporation (AMC). Details of reuse of water, if any: No 																								
12.	Water & waste water details during operation phase	<ul style="list-style-type: none"> Fresh water requirement (KL/day): 705.0 Source of water: Water supply from Ahmedabad Municipal Corporation (AMC). Waste water generation quantity (KL/day): 560.0 Mode of disposal: Discharge into the underground drainage line of Ahmedabad Municipal Corporation (AMC). 																								
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Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal / Reuse							
Dry waste & Wet waste	1200	Organic waste and In organic waste will be collected in different buckets.	The recyclable waste will be sold off to recyclers. The non recyclable solid waste to be generated will be transferred to the nearest collection point of AMC.							
15.	Parking Details	<ul style="list-style-type: none"> • Total Parking area requirement for per GDCR: 4,468.12 m² • Parking area provided for per GDCR: 4,468.12 m² • Total number of CPS requirement for the project as per NBC : 432 • Total parking area provided as open surface (m²) & No. of CPS: 4476.27 & 194 CPS. 								
16.	Traffic Management	<ul style="list-style-type: none"> • Width of adjacent public roads: 18 m & 12 m. • Number of Entry & Exit provided on approach road/s: 3 gates will be provided. • Width of Entry & Exit provided on approach road/s: 7.5 m • Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 3 m. • Width of all internal roads: 7.5 								
17.	Details of Green Building measures proposed.	Use of transformers & motors having minimum efficiency of 85%, use of CFL lights in common areas, use of light colours for walls & ceiling to reduce the light absorption & to minimize cooling requirement, rain water harvesting through ground water recharge etc.								
18.	Energy Requirement, Source and Conservation	<ul style="list-style-type: none"> • Power supply: by Torrent Power Limited Maximum demand: 600 KW Connected load: - • Source : Torrent Power Limited • Energy saving measures: Use of transformers & motors having minimum efficiency of 85%, use of CFL lights in common areas, use of light colours for walls & ceiling to reduce the light absorption & to minimize cooling requirement etc. • DG Sets: Not proposed. 								
19.	Fire and Life Safety Measures	Fire extinguishers will be providing at each floor.								
20.	Details on staircase									

	Type & no. of buildings	No. of floors	Floor area (m ²)	No. of staircase	Width of the staircase(m)	Travel distance (m)
	1 to 27,	G.F.+3	214.08	1 in each building.	1.5 & 2.0	<25
21.	Rain Water Harvesting (RWH)	<ul style="list-style-type: none"> • Level of the Ground water table: • No. & dimensions of RWH tank(s) : • No. and depth of percolations wells : 6 nos • Details on Pre-treatment facilities : Filtration & removal of oil & grease 				
22.	Green area details	<ul style="list-style-type: none"> • Tree covered area (m²) : 1348.0 • Area covered by shrubs and bushes (m²): --- • Lawn covered area (m²): 977.58 • Total Green Area (m²): 2,325.58 • Green Area % of plot area: 6 % • No. of trees and species to be planted: 225 trees. 				
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Total 14 lacs is proposed for municipal solid waste collection & disposal, sewage disposal charges, green belt development & rain water harvesting.				
24.	Proposed dust control measures during the construction phase	Water sprinkling, loose construction material will be covered with tarpaulin while storage & transportation etc.				
25.	Eco friendly building material usage details.	Use of Ready Mix Concrete (RMC).				
26.	Details on amenities to be provided to the construction workers.	Drinking water, doctor service, financial support to workers' children for education & food, safety appliances, sanitary facility etc.				
27.	Documents related to land possession.	A copy of order from SHAHERI JAMIN TOCH MARYADA OFFICE submitted by them shows that the land has been allotted to Ahmedabad Municipal Corporation.				

During the meeting, it was presented that all the residential units are of 1 BHK. The committee was of the view that parking area provision as per NBC norms should not be insisted upon in such a project housing all the units for people from Low Income Group. While asking by the committee, the project proponent replied that they are not planning for any further expansion of the proposed project in future. The project proponent was asked that in case of any further expansion of the proposed project, the parking area provision for the project as per NBC norms shall be ensured. After discussing various aspects of the project, it was decided to consider the project only after submission of the following:

1. Exact aerial distance of the project site from the nearest TSDF site & the nearest industrial estate.

10.	Residential building	S.No.358, F.P.No.188, T.P.S.No.43, at Sola,	---
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construction project by Mr. Ranchhodbhai Khodidas.	Ahmedabad city west, Ahmedabad.	
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The project was not considered during the meeting as the project proponent or the person authorized the project proponent did not remain present during the meeting. It was decided to consider the project in one of the upcoming meetings of SEAC.

11.	Residential & commercial building construction project by Neetaben K. Shah	F.P.No.31, T.P.S.No.34, at Jagatpur, Ahmedabad city west, Ahmedabad.	Screening / scoping.
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Details of the proposed project as presented before the committee is tabulated below:

Sr. No.	Particulars	Details															
1.	Proposal is for	New Project															
2.	Type of Project	Residential & commercial building construction project															
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)															
4.	Name of the project	Residential & commercial building construction project.															
5.	Name of Developer	Neetaben K. Shah															
6.	Estimated Project Cost (Rs. In Crores)	Rs . 65 Crore															
7.	Whether construction work has been initiated at site? If yes, details thereof	No															
8.	Project Details	<ul style="list-style-type: none"> • Land / Plot Area (m²): 12,495.0 • FSI area (m²): 33,584.90 • Total BUA (m²): 51,950.67 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Permissible</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>FSI Area, (m²)</td> <td>33,736.5</td> <td>33,584.90</td> </tr> <tr> <td>Ground Coverage, (m²)</td> <td>-</td> <td>3,707.95</td> </tr> <tr> <td>Common Plot Area, (m²)</td> <td>1,249.50</td> <td>1,251.60</td> </tr> <tr> <td>Max. building height, (m)</td> <td>-</td> <td>45.53</td> </tr> </tbody> </table>		Permissible	Proposed	FSI Area, (m ²)	33,736.5	33,584.90	Ground Coverage, (m ²)	-	3,707.95	Common Plot Area, (m ²)	1,249.50	1,251.60	Max. building height, (m)	-	45.53
	Permissible	Proposed															
FSI Area, (m ²)	33,736.5	33,584.90															
Ground Coverage, (m ²)	-	3,707.95															
Common Plot Area, (m ²)	1,249.50	1,251.60															
Max. building height, (m)	-	45.53															
9.	Building Details	<ul style="list-style-type: none"> • No. of Buildings: 7 • No. of Blocks: 9 • Scope of buildings/blocks: 4 buildings - basement + hollow plinth + 12 floors. 3 buildings – basement + ground floor (shops & parking) + 12 floors. • No. of Residential Units: 416. • No. of Commercial Units: 47. • Details of amenities if any: - 															
10.	No. of expected	2637 person															

	residents / users																																	
11.	Water & waste water details during construction phase	<ul style="list-style-type: none"> • Water requirement (KL/day): 39.0 • Source of water: Local water tankers • Waste water generation quantity (KL/day): 3 • Mode of disposal: Into septic tank & soak pit • Details of reuse of water, if any: No 																																
12.	Water & waste water details during operation phase	<ul style="list-style-type: none"> • Fresh water requirement (KL/day): 345.0 • Source of water: Water supply from Ahmedabad Municipal Corporation (AMC). • Waste water generation quantity (KL/day): 274.0 • Mode of disposal: Into sewer line of Ahmedabad Municipal Corporation (AMC). 																																
13.	Status of water supply and drainage line	Water supply and sewerage line of AMC will be available to the project.																																
14.	Solid waste Management	<p>Construction Phase:</p> <table border="1"> <thead> <tr> <th>Description</th> <th>Generation (kg/day)</th> <th>Quantity to be reused (kg/day)</th> <th>Mode of Disposal / Reuse</th> </tr> </thead> <tbody> <tr> <td>Top Soil</td> <td>6.0</td> <td>100 % reuse</td> <td>For garden development</td> </tr> <tr> <td>Other excavated earth</td> <td>22.0</td> <td>50 % reuse for back filling</td> <td>Send to the nearest collection point of AMC</td> </tr> <tr> <td>Construction debris</td> <td>85.0</td> <td>30% reuse for internal road sub base</td> <td>Send to the nearest collection point of AMC</td> </tr> <tr> <td>Steel scrap</td> <td>8.0</td> <td>--</td> <td>Sell to Actual Users</td> </tr> <tr> <td>Discarded packing materials</td> <td>1.5</td> <td>--</td> <td>Sell to Actual Users</td> </tr> </tbody> </table> <p style="text-align: center;">Total Solid Waste shall (50 workers x 500 gm/person/) 25 kg/day</p> <p>Operation Phase:</p> <table border="1"> <thead> <tr> <th>Type of waste</th> <th>Generation Quantity (Kg/day)</th> <th>Mode of waste collection</th> <th>Mode of Disposal / Reuse</th> </tr> </thead> <tbody> <tr> <td>Dry waste & Wet waste</td> <td>1500</td> <td>Organic waste and In organic waste will be collected in different buckets.</td> <td>The recyclable waste will be sold off to recyclers. The non recyclable solid waste to be generated will be transferred to the nearest collection point of AMC.</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Details of segregation if to be done: collection of organic and inorganic waste will be in different buckets. The recyclable waste will be sold off to recyclers. The non recyclable solid waste to be generated will be transferred to the nearest collection point of AMC. • Capacity and no. of community bins to be placed within premises: • No of Bins: 50 bins for residential units & 4 bins for commercial units: 	Description	Generation (kg/day)	Quantity to be reused (kg/day)	Mode of Disposal / Reuse	Top Soil	6.0	100 % reuse	For garden development	Other excavated earth	22.0	50 % reuse for back filling	Send to the nearest collection point of AMC	Construction debris	85.0	30% reuse for internal road sub base	Send to the nearest collection point of AMC	Steel scrap	8.0	--	Sell to Actual Users	Discarded packing materials	1.5	--	Sell to Actual Users	Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal / Reuse	Dry waste & Wet waste	1500	Organic waste and In organic waste will be collected in different buckets.	The recyclable waste will be sold off to recyclers. The non recyclable solid waste to be generated will be transferred to the nearest collection point of AMC.
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Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal / Reuse																															
Dry waste & Wet waste	1500	Organic waste and In organic waste will be collected in different buckets.	The recyclable waste will be sold off to recyclers. The non recyclable solid waste to be generated will be transferred to the nearest collection point of AMC.																															

		Volume of Bins: 80 Lit each																								
		<ul style="list-style-type: none"> Landfill site where waste will be ultimately disposed by local authority: --- 																								
15.	Parking Details	<ul style="list-style-type: none"> Total parking area requirement for the project as per GDCR: 7,120.5 m² Parking area requirement for residential units as per GDCR: 6,478.29 m² Parking area requirement for Commercial units as per GDCR: 672.53 m² Total number of CPS requirement for the project as per NBC: 291 nos. Number of CPS requirement for residential units as per NBC: 277 nos. Number of CPS requirement for commercial units as per NBC: 14 nos. Total Parking area provided (m²) & No. of CPS: 10,519.15 & 345 CPS Parking area provided in basement (m²) & No. of CPS: 9,103.72 m², 284 CPS. Parking area provided as open surface (m²) & No. of CPS: 1,415.43 m², 61 CPS. 																								
16.	Traffic Management	<ul style="list-style-type: none"> Width of adjacent public roads: 30 m & 12 m wide roads. Number of Entry & Exit provided on approach road/s: One gate will be provided. Width of Entry & Exit provided on approach road/s: 7.5 m Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 5 m. Width of all internal roads: 7.5 m. 																								
17.	Details of Green Building measures proposed.	Use of transformers & motors having minimum efficiency of 85%, use of CFL lights in common areas, use of light colours for walls & ceiling to reduce the light absorption & to minimize cooling requirement, rain water harvesting through ground water recharge etc.																								
18.	Energy Requirement, Source and Conservation	<ul style="list-style-type: none"> Power supply: Maximum demand: 750 KW Connected load: - Source : Torrent Power Limited Energy saving measures: Use of transformers & motors having minimum efficiency of 85%, use of CFL lights in common areas, use of light colours for walls & ceiling to reduce the light absorption & to minimize cooling requirement etc. DG Sets: Yes No. and capacity of the DG sets: 1 x 65 KVA 																								
19.	Fire and Life Safety Measures	Fire extinguishers will be providing in each floor.																								
20.	<p>Details on staircase</p> <table border="1"> <thead> <tr> <th>Type & no. of buildings</th> <th>No. of floors</th> <th>Floor area m²</th> <th>No. of staircase</th> <th>Width of the staircase(m)</th> <th>Max. Travel distance (m)</th> </tr> </thead> <tbody> <tr> <td>A + H + I</td> <td>B+G+12</td> <td>366.37 each</td> <td>3</td> <td>2.52</td> <td>20</td> </tr> <tr> <td>B to F</td> <td>B+G/H.P+12</td> <td>263.59</td> <td>1</td> <td>2.52</td> <td>20</td> </tr> <tr> <td>G</td> <td>B+G+12</td> <td>366.37</td> <td>1</td> <td>2.52</td> <td>20</td> </tr> </tbody> </table>		Type & no. of buildings	No. of floors	Floor area m ²	No. of staircase	Width of the staircase(m)	Max. Travel distance (m)	A + H + I	B+G+12	366.37 each	3	2.52	20	B to F	B+G/H.P+12	263.59	1	2.52	20	G	B+G+12	366.37	1	2.52	20
Type & no. of buildings	No. of floors	Floor area m ²	No. of staircase	Width of the staircase(m)	Max. Travel distance (m)																					
A + H + I	B+G+12	366.37 each	3	2.52	20																					
B to F	B+G/H.P+12	263.59	1	2.52	20																					
G	B+G+12	366.37	1	2.52	20																					
21.	Rain Water	<ul style="list-style-type: none"> Level of the Ground water table: 35 m below ground level 																								

	Harvesting (RWH)	<ul style="list-style-type: none"> • No. & dimensions of RWH tank(s) : 9 nos (5.0 m x 2.5 m x 4.0 m) • No. and depth of percolations wells : 4 nos • Details on Pre-treatment facilities: Filtration & removal of oil & grease.
22.	Green area details	<ul style="list-style-type: none"> • Tree covered area (m²) : 750 • Area covered by shrubs and bushes (m²): --- • Lawn covered area (m²): 501.6 • Total Green Area (m²): 1,251.60 • Green Area % of plot area: 6 % • No. of trees and species to be planted: 188
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Total 15 lacs is proposed for municipal solid waste collection & disposal, sewage disposal charges, green belt development & rain water harvesting.
24.	Proposed dust control measures during the construction phase	Water sprinkling, loose construction material will be covered with tarpaulin while storage & transportation etc.
25.	Eco friendly building material usage details.	Use of Ready Mix Concrete (RMC).
26.	Details on amenities to be provided to the construction workers.	Drinking water, doctor service, financial support to workers' children for education & food, safety appliances, sanitary facility etc.
27.	Documents related to land possession.	Village form no.7 submitted by them shows that the N.A land for residential use is in the name of applicant.

During the meeting, after detailed discussion, it was decided to appraise the project only after submission of the following:

1. Proposal for providing STP for the project and details of Sewage Treatment Plant with its capacity, size of each unit, retention time and its location on the plan. Measures proposed to avoid odour nuisance due to the STP in operation phase. STP sludge management plan. Design details of dual plumbing system to be provided for reuse of treated sewage within premises. Details on operation & maintenance of STP during operation phase of the project along with financial provision made for its installation, operation & maintenance.
2. Revised details on water requirement and sewage generation for the project considering reuse of treated sewage for gardening & flushing. Design drawing of dual plumbing system.
3. Details on solar energy utilization for the proposed project.
4. Status of availability of water supply, drainage connection & municipal solid waste collection facility to the proposed project and permission or letter of intent from concerned competent authority in this regard.
5. Details of fire fighting system including location of fire water tanks & capacity, separate power system for fire

fighting, automatic sprinkler system, fire detection system with alarms & automatic fire extinguishers, location of fire lift and fire retardant staircases, details of qualified and trained fire personnel & their job specifications, nearest fire station & time required to reach the proposed site etc. Calculation and provision of minimum fire water requirement based on fire study as well as the availability of external fire fighting facility.

6. Revised details with increased parking area provision for the proposed project.

7. Layout plan of the project showing two separate gates and ramps.

12.	Samirbhai M. Kalariya – Residential Complex	S.No.11/1/P/1, T.P.S.No.16, O.P.No.16, F.P.No.16, Village: Raiya, Dist: Rajkot.	Screening / scoping.
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Details of the proposed project as presented before the committee is tabulated below:

Sr.No.	Particulars	Details															
1.	Proposal is for	New Project															
2.	Type of Project	Proposed Residential apartment															
3.	Project/Activity No. [8(a) or 8(b)]	8 (a)															
4.	Name of the project	Residential scheme developed by Samirbhai M Kalaria															
5.	Name of Developer	Samirbhai M Kalaria															
6.	Estimated Project Cost (Rs. In Crores)	95 crore															
7.	Whether construction work has been initiated at site? If yes, details thereof.	Construction work has not started.															
8.	Project Details	<ul style="list-style-type: none"> • Land /Plot Area (m²): 16,884.0 • FSI area (m²):37,967.77 • Total BUA (m²):47,952.71 <table border="1" style="margin-left: 40px;"> <thead> <tr> <th></th> <th>Permissible</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>FSI Area (m²)</td> <td></td> <td>37,967.77</td> </tr> <tr> <td>Ground Coverage (m²)</td> <td>4,558.20</td> <td>3,950.59</td> </tr> <tr> <td>Common Plot Area (m²)</td> <td>1,690.0</td> <td>1,690.0</td> </tr> <tr> <td>Max. building height (m)</td> <td></td> <td>39.4</td> </tr> </tbody> </table>		Permissible	Proposed	FSI Area (m ²)		37,967.77	Ground Coverage (m ²)	4,558.20	3,950.59	Common Plot Area (m ²)	1,690.0	1,690.0	Max. building height (m)		39.4
	Permissible	Proposed															
FSI Area (m ²)		37,967.77															
Ground Coverage (m ²)	4,558.20	3,950.59															
Common Plot Area (m ²)	1,690.0	1,690.0															
Max. building height (m)		39.4															
9.	Building Details	<ul style="list-style-type: none"> • No. of Buildings:7 • No. of Blocks: 7 • Scope of buildings/blocks: Basement + hollow plinth + 13 floors. • No.& size of Residential Units:336 flats • No. & type of Commercial Units:NA 															
10.	No. of expected residents / users	Resi.-1350 users including floating population															
11.	Water & waste water details during construction phase	<ul style="list-style-type: none"> • Water requirement (KL/day):30.0 • Source of water: Water supply from Rajkot Municipal Corporation (RMC). • Waste water generation quantity (KL/day):4.5 															

		<ul style="list-style-type: none"> • Mode of disposal: Into septic tank & soak pit. • Details of reuse of water, if any:N.A. 												
12.	Water & waste water details during operation phase	<ul style="list-style-type: none"> • Fresh water requirement (KL/day):189.0 • Source of water: Water supply from Rajkot Municipal Corporation (RMC). • Waste water generation quantity (KL/day):163.0 • Mode of disposal: Into drainage line of Rajkot Municipal Corporation (RMC). 												
13.	Status of water supply and drainage line	Water supply & drainage line will be provided by RMC.												
14.	Solid waste Management	<p>Operation Phase:</p> <table border="1"> <thead> <tr> <th>Type of waste</th> <th>Generation Quantity (Kg/day)</th> <th>Mode of waste collection</th> <th>Mode of Disposal /Reuse</th> </tr> </thead> <tbody> <tr> <td>Dry waste</td> <td>404</td> <td>Into bins to be provided within premises.</td> <td>Through agency appointed by RMC.</td> </tr> <tr> <td>Wet waste</td> <td>268</td> <td>Into bins to be provided within premises.</td> <td>Through agency appointed by RMC.</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Details of segregation if to be done: No • Capacity and no. of community bins to be placed within premises: Total 42 bins with 80 lit capacity will be provided for all the residential blocks. • Landfill site where waste will be ultimately disposed by local authority: at the nearest MSW dumping / landfill site of RMC. 	Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal /Reuse	Dry waste	404	Into bins to be provided within premises.	Through agency appointed by RMC.	Wet waste	268	Into bins to be provided within premises.	Through agency appointed by RMC.
Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal /Reuse											
Dry waste	404	Into bins to be provided within premises.	Through agency appointed by RMC.											
Wet waste	268	Into bins to be provided within premises.	Through agency appointed by RMC.											
15.	Parking Details	<ul style="list-style-type: none"> • Total parking area requirement for the project as per GDCR: 7,593.55 m². • Parking area requirement for residential units as per GDCR: 7,593.55 m². • Total number of CPS requirement for the project as per NBC:336 CPS • Number of CPS requirement for residential units as per NBC: 336 CPS • Total Parking area provided (m²) & No. of CPS:10,539.34 m² & 408 CPS. • Parking area provided in hollow plinth (m²) & No. of CPS: 4,012.87 m² & 143 CPS. • Parking area provided as open surface (m²) & No. of CPS: 5,056.13 m² & 219 CPS. • Parking area provided (Basement) (m²) & No. of CPS:1,470.64 m² & 46 CPS. 												
16.	Traffic Management	<ul style="list-style-type: none"> • Width of adjacent public roads:Site is accessible by 24 m wide side approach road. • Number of Entry & Exit provided on approach road/s: 2 gates will be 												

		provided.																																																
		<ul style="list-style-type: none"> • Width of Entry & Exit provided on approach road/s:12 m & 7.5 m • Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 8 m • Width of all internal roads:12 m & 7.5 m 																																																
17.	Details of Green Building measures proposed.	Fly ash/PPC will be used in concrete, paving blocks and any cement applications. Lead free paint, enamels will be used for painting wooden and metal surfaces. Provision of CFL/LED lights.																																																
18.	Energy Requirement, Source and Conservation	<ul style="list-style-type: none"> • Power supply: Paschim Gujarat Vij Company Ltd. Maximum demand: 728 KW Connected load: 728 KW • Source: Paschim Gujarat Vij Company Ltd. • Energy saving measures: Use of energy efficient electrical appliances, maximum use of natural light through proper building orientation etc. • % of saving with calculations:Small units & we have not calculated • Compliance of the ECBC guidelines (Yes / No),if yes, compliance in tabular form:Small units & we have not calculated • DG Sets:2 x 120 KVA No. and capacity of the DG sets:2 x 120 KVA Fuel & its quantity:HSD-30 lit/hr.for each 																																																
19.	Fire and Life Safety Measures	<ul style="list-style-type: none"> • Dedicated underground & terrace water tanks for fire fighting, fire extinguishers, fire alarms, hose reels, external hydrants & wet risers, automatic sprinkler system in basement, pumping arrangement system-riser with pressure pump, first aid box, displaying of important telephone numbers etc. • Name of the nearest fire station: Ramdevpir sub fire station Distance from the project site: About 3 Km Time required by the fire tender to reach the project site:5-10 minutes. 																																																
20.	Details on staircase:																																																	
	<table border="1"> <thead> <tr> <th>Type of block</th> <th>Floor area (m²)</th> <th>Maximum travel distance (m)</th> <th>Number of Stair case</th> <th>Width of Stair case in (m)</th> <th>No. of Lifts</th> </tr> </thead> <tbody> <tr> <td>Block A1</td> <td>427.09</td> <td><15</td> <td>1</td> <td>2.0</td> <td>2</td> </tr> <tr> <td>Block A2</td> <td>427.09</td> <td><15</td> <td>1</td> <td>2.0</td> <td>2</td> </tr> <tr> <td>Block A3</td> <td>427.09</td> <td><15</td> <td>1</td> <td>2.0</td> <td>2</td> </tr> <tr> <td>Block A4</td> <td>427.09</td> <td><15</td> <td>1</td> <td>2.0</td> <td>2</td> </tr> <tr> <td>Block B1</td> <td>388.94</td> <td><15</td> <td>1</td> <td>2.0</td> <td>2</td> </tr> <tr> <td>Block B2</td> <td>388.94</td> <td><15</td> <td>1</td> <td>2.0</td> <td>2</td> </tr> <tr> <td>Block B3</td> <td>388.94</td> <td><15</td> <td>1</td> <td>2.0</td> <td>2</td> </tr> </tbody> </table>	Type of block	Floor area (m ²)	Maximum travel distance (m)	Number of Stair case	Width of Stair case in (m)	No. of Lifts	Block A1	427.09	<15	1	2.0	2	Block A2	427.09	<15	1	2.0	2	Block A3	427.09	<15	1	2.0	2	Block A4	427.09	<15	1	2.0	2	Block B1	388.94	<15	1	2.0	2	Block B2	388.94	<15	1	2.0	2	Block B3	388.94	<15	1	2.0	2	
Type of block	Floor area (m ²)	Maximum travel distance (m)	Number of Stair case	Width of Stair case in (m)	No. of Lifts																																													
Block A1	427.09	<15	1	2.0	2																																													
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Block B3	388.94	<15	1	2.0	2																																													
21.	Rain Water Harvesting (RWH)	<ul style="list-style-type: none"> • Level of the Ground water table:35-40 m BGL • No. & dimensions of RWH tank(s):Nil • No. and depth of percolations wells:4 nos. of percolating wells. • Details on Pre-treatment facilities :-- 																																																
22.	Green area details	• Tree covered area (m ²):1,575.0																																																

		<ul style="list-style-type: none"> • Area covered by shrubs and bushes (m²):-- • Lawn covered area (m²):115.00 • Total Green Area (m²):1690.0 • Green Area % of plot area:10% • No. of trees and species to be planted:50
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Allocation of Rs. 14.5 lacs has been proposed for water sprinklers, barricades, waste water & waste management, provision of PPEs etc. during the construction phase. Capital cost of Rs. 26.0 lacs and recurring cost of Rs. 6 lacs has been proposed for installation of energy efficient appliances, green belt development, rain water harvesting & ground water recharge, waste water management, solid waste management etc. during the operation phase.
24.	Dust control measures	Water sprinkling, maintaining roads & trees to avoid dust generation etc.
25.	Eco friendly building material usage details.	Fly ash & pozzolana cement will be used in concrete, paving blocks and any cement applications. Lead free paint, enamels will be used for painting wooden and metal surfaces.
26.	Details of basic amenities to be provided to construction workers.	Adequate sanitation facilities, drinking water, bins for collection of municipal solid waste.
27.	Documents related to land possession.	Village form no. 7 & 6 submitted by them show that the N.A land for residential use is in the name of Mr. Samirbhai M. Kalariya & others.

During the meeting, the project proponent was suggested to provide STP and to use solar energy at the extent possible. After detailed discussion, it was decided to appraise the project only after submission of the following:

1. Proposal for providing STP for the project and details of Sewage Treatment Plant with its capacity, size of each unit, retention time and its location on the plan. Measures proposed to avoid odour nuisance due to the STP in operation phase. STP sludge management plan. Design details of dual plumbing system to be provided for reuse of treated sewage within premises.
2. Revised details on water requirement and sewage generation for the project considering reuse of treated sewage for gardening & flushing. Design drawing of dual plumbing system.
3. Details on solar energy utilization for the proposed project.
4. Source of availability of water supply, drainage connection & municipal solid waste collection facility to the proposed project and permission or letter of intent from concerned competent authority in this regard.
5. Details of main approach road to the proposed project site or T.P. scheme map showing the availability of the approach road to the proposed project site.
6. Copy of permission obtained from Airports Authority of India for the proposed building height.
7. Details of soil excavation / filling required for the project along with its quantification based on backup calculations. Details with respect to proposed use / disposal of excavated soil. Plan for management, use and disposal of construction debris including excavated materials during the construction phase. Details of top soil management plan during construction phase.

13.	Arihant Heights	B.No.126, F.P.No: 39, O.P.No.49, T.P.S.No.9,	Screening / scoping.
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(Palanpore Bhesan), Ta: Choryasi, Dist: Surat

The SEIAA, Gujarat has accorded environmental clearance to M/s Ambika Developers for residential building construction project – “Arihant Heights” at B.No:126, F.P.No.39, O.P.No.49, T.P.S.No.9, Village: Palanpore-Bhesan, Ta:Choryasi, Dist:Surat vide order no. SEIAA/GUJ/EC/8(a)/77/2013 dated 22/04/2013 for the built up area of 22,823.30 m² comprising of 3 buildings housing total 244 flats of 2 BHK.

The project proponent, vide proposal no. SIA/GJ/NCP/53188/2016 dated 29/04/2016 submitted revised Form I & Form IA and requested for amendment of Environmental Clearance order dated 22/04/2013.

The request of amendment for the changes in terms of proposed expansion and change in scope (from completely residential to the mixed type project comprising of residential & commercial units) was considered during the meeting. Details of the project after the proposed changes, as presented before the committee, are tabulated below:

Sr. No.	Particulars	Details															
1.	Proposal is for	New Project [SIA/GJ/NCP/53188/2016]															
2.	Type of Project	Residential & Commercial															
3.	Project / Activity No. [8(a) or 8(b)]	8(a)															
4.	Name of the project	Arihant Heights															
5.	Name of Developer	Ambika Developers															
6.	Estimated Project Cost (Rs. In Crores)	25 Crore															
7.	Whether construction work has been initiated at site? If yes, details thereof	No.															
8.	Project Details	<ul style="list-style-type: none"> Land / Plot Area (m²): 7507.0 FSI area (m²): 16,766.96 Total BUA (m²): 27,496.30 <table border="1"> <thead> <tr> <th></th> <th>Permissible</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>FSI Area (m²)</td> <td>16,890.75</td> <td>16,766.96</td> </tr> <tr> <td>Ground Coverage (m²)</td> <td>2,252.10</td> <td>1,676.67</td> </tr> <tr> <td>Common Plot Area (m²)</td> <td>750.70</td> <td>751.33</td> </tr> <tr> <td>Max. building height (m)</td> <td>--</td> <td>39.45 m</td> </tr> </tbody> </table>		Permissible	Proposed	FSI Area (m ²)	16,890.75	16,766.96	Ground Coverage (m ²)	2,252.10	1,676.67	Common Plot Area (m ²)	750.70	751.33	Max. building height (m)	--	39.45 m
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Common Plot Area (m ²)	750.70	751.33															
Max. building height (m)	--	39.45 m															
9.	Building Details	<ul style="list-style-type: none"> No. of Buildings: 3 Nos. No. of Blocks: 6 Nos. Scope of buildings/blocks: 1 building – basement + ground floor (parking & shops) + 12 floors. 1 building – basement + hollow plinth + 12 floors. 1 building – basement + hollow plinth + 11 floors. & size of Residential Units: 272 Nos. (2 BHK) 															

		<ul style="list-style-type: none"> No. & type of Commercial Units: 12 Shops Details of amenities if any: --- 																														
10.	No. of expected residents / users	1224 nos. residential users																														
11.	Water & waste water details during construction phase	<ul style="list-style-type: none"> Water requirement (KL/day): 15.95 Source of water: Water supply from Surat Municipal Corporation (S.M.C) Waste water generation quantity (KL/day): 1.15 Mode of disposal: Disposal through onsite septic tank and soak pit Details of reuse of water, if any: washing water of construction equipments will be reused for curing. 																														
12.	Water & waste water details during operation phase	<ul style="list-style-type: none"> Fresh water requirement (KL/day): 172.0 Source of water: Water supply from Surat Municipal Corporation (S.M.C) Waste water generation quantity (KL/day): 135.0 Mode of disposal: Disposal through underground drainage line of Surat Municipal Corporation (S.M.C) 																														
13.	Status of water supply and drainage line	Water supply and underground drainage network is available in the area.																														
14.	Solid waste Management	<p>Construction Phase:</p> <table border="1"> <thead> <tr> <th></th> <th>Generation (m³)</th> <th>Quantity to be reused (m³)</th> <th>Mode of Disposal / Reuse</th> </tr> </thead> <tbody> <tr> <td>Top Soil</td> <td>16,320.0</td> <td>16,320.0</td> <td rowspan="3">Excavated surplus earth and construction debris will be refilled at low lying areas within the project premises and top soil will be used for development of greenbelt within premises.</td> </tr> <tr> <td>Other excavated earth</td> <td></td> <td></td> </tr> <tr> <td>Construction debris</td> <td>42</td> <td>42</td> </tr> <tr> <td>Steel scrap</td> <td>5.6 MT</td> <td>5.6 MT</td> <td>Will be sold to scrap dealer.</td> </tr> <tr> <td>Discarded packing materials</td> <td>1 MT</td> <td>--</td> <td>Will be sold to vendor.</td> </tr> </tbody> </table> <p>Operation Phase:</p> <table border="1"> <thead> <tr> <th>Type of waste</th> <th>Generation Quantity (Kg/day)</th> <th>Mode of waste collection</th> <th>Mode of Disposal / Reuse</th> </tr> </thead> <tbody> <tr> <td>Dry waste & wet waste</td> <td>734 Kg</td> <td>Into common bins from the bins to be provided to each</td> <td>Disposal through SMC</td> </tr> </tbody> </table>		Generation (m ³)	Quantity to be reused (m ³)	Mode of Disposal / Reuse	Top Soil	16,320.0	16,320.0	Excavated surplus earth and construction debris will be refilled at low lying areas within the project premises and top soil will be used for development of greenbelt within premises.	Other excavated earth			Construction debris	42	42	Steel scrap	5.6 MT	5.6 MT	Will be sold to scrap dealer.	Discarded packing materials	1 MT	--	Will be sold to vendor.	Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal / Reuse	Dry waste & wet waste	734 Kg	Into common bins from the bins to be provided to each	Disposal through SMC
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Dry waste & wet waste	734 Kg	Into common bins from the bins to be provided to each	Disposal through SMC																													

		individual unit.	
		<ul style="list-style-type: none"> • Details of segregation if to be done: The solid wastes generated will be segregated into biodegradable and non-biodegradable wastes and collected in separate bins. • Capacity and no. of community bins to be placed within premises: 140 liter each; 15 nos. of bins; • Landfill site where waste will be ultimately disposed by local authority: M.S.W transported from transfer station reaches to the final disposal site at Khajod 	
15.	Parking Details	<ul style="list-style-type: none"> • Total parking area requirement for the project as per GDCR: 2,620.31m² • Parking area requirement for residential units as per GDCR: 2,533.61 m² • Parking area requirement for Commercial units as per GDCR: 86.70 m² • Total number of CPS requirement for the project as per NBC: 142 nos. • Number of CPS requirement for residential units as per NBC: 136 nos. • Number of CPS requirement for commercial units as per NBC: - 6 nos. • Total Parking area provided (m²) & No. of CPS: 8,890.54 m², 297 nos. • Parking area provided in basement (m²) & No. of CPS: 6,364.44 m², 199 nos • Parking area provided in hollow plinth (m²) & No. of CPS: 1,442.22 m², 51 nos. • Parking area provided as open surface (m²) & No. of CPS: 1,083.88 m², 47 nos. 	
16.	Traffic Management	<ul style="list-style-type: none"> • Width of adjacent public roads: 18 m wide road • Number of Entry & Exit provided on approach road/s: 2 nos. • Width of Entry & Exit provided on approach road/s: 7.5 m & 6.10 • Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 5 m • Width of all internal roads: , 7.5 & 6.10 m 	
17.	Details of Green Building measures proposed.	Maximum utilization of natural light, CFL & LED lighting fixtures in the common areas, use of solar energy in external lighting (landscape lighting), aerated blocks will be used to reduce heat stress inside building, rain water harvesting through ground water recharge etc.	
18.	Energy Requirement, Source and Conservation	<ul style="list-style-type: none"> • Power supply Maximum demand: 1500 KW Connected load: -- • Source: D.G.V.C.L • Energy saving measures: Maximum utilization of natural light, CFL & LED lighting fixtures in the common areas, use of solar energy in external lighting (landscape lighting), aerated blocks will be used to reduce heat stress inside building • DG Sets No. and capacity of the DG sets- 3 x 25 KVA Fuel & its quantity: Diesel & 10 lit/hr. 	
19.	Fire and Life	<ul style="list-style-type: none"> • Fire extinguishers & hose reel at each floor, wet riser opening at each floor, 	

	Safety Measures	<p>automatic sprinkler system in basement, underground water tank of 100 KL capacity for each building, terrace water tank of 25 KL on each building block etc.</p> <ul style="list-style-type: none"> • Nearest fire station: Rander Fire Station. <p>Distance from the project site: approximate at 3.8 Km Time required for a fire tender to reach the project site: 5 - 10 minutes.</p>																								
20.	Details on staircase																									
	<table border="1"> <thead> <tr> <th>Name of Building</th> <th>Type & no. of buildings</th> <th>No. of floors</th> <th>Floor area</th> <th>No. of staircase</th> <th>Width of the staircase(m)</th> <th>Travel distance (m)</th> </tr> </thead> <tbody> <tr> <td>A – B,E-F</td> <td>Joint</td> <td>B+G/H.P+12</td> <td>484.87</td> <td>02</td> <td>1.52</td> <td><30</td> </tr> <tr> <td>C - D</td> <td>Joint</td> <td>B+H.P.+11</td> <td>484.87</td> <td>02</td> <td>1.52</td> <td><30</td> </tr> </tbody> </table>	Name of Building	Type & no. of buildings	No. of floors	Floor area	No. of staircase	Width of the staircase(m)	Travel distance (m)	A – B,E-F	Joint	B+G/H.P+12	484.87	02	1.52	<30	C - D	Joint	B+H.P.+11	484.87	02	1.52	<30				
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C - D	Joint	B+H.P.+11	484.87	02	1.52	<30																				
21.	Rain Water Harvesting (RWH)	<ul style="list-style-type: none"> • Level of the Ground water table: 80-100 ft • No. & dimensions of RWH tank(s) : • No. and depth of percolations wells : 2 nos. • Details on Pre-treatment facilities : Gravity filter, MOC: PE. 																								
22.	Green area details	<ul style="list-style-type: none"> • Tree covered area (m²) : 322.10 • Area covered by shrubs and bushes (m²): inclusive in lawn covered area • Lawn covered area (m²): 375.0 • Total Green Area (m²): 697.10 • Green Area % of plot area: 9.2 % • No. of trees and species to be planted: 110 nos. of trees like Asopalav, Gulamhor, Palm, Ficus ,Badam etc. 																								
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Description</th> <th>Capital Cost (Rs. In Lacs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Landscaping</td> <td>9 Lacs</td> </tr> <tr> <td>2</td> <td>Groundwater Recharge Structure</td> <td>6 Lacs</td> </tr> <tr> <td>3</td> <td>Solar Energy Utilization</td> <td>3 lacs</td> </tr> <tr> <td>4</td> <td>Energy Efficient Lighting</td> <td>2 lacs</td> </tr> <tr> <td>5</td> <td>Solid Waste Management</td> <td>1 lacs</td> </tr> <tr> <td>6</td> <td>Monitoring of Air, Water, Noise & Soil</td> <td>0.75 lacs</td> </tr> <tr> <td colspan="2">Total</td> <td>21.75 Lacs</td> </tr> </tbody> </table>	Sr. No.	Description	Capital Cost (Rs. In Lacs)	1	Landscaping	9 Lacs	2	Groundwater Recharge Structure	6 Lacs	3	Solar Energy Utilization	3 lacs	4	Energy Efficient Lighting	2 lacs	5	Solid Waste Management	1 lacs	6	Monitoring of Air, Water, Noise & Soil	0.75 lacs	Total		21.75 Lacs
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Total		21.75 Lacs																								
24.	Proposed dust control measures during the construction phase	Vertical curtains, water sprinkling, covering the building materials with the tarpaulin sheet etc.																								
25.	Eco friendly building material usage details.	Fly ash based bricks, Ready Mix Concrete, A.C.C Blocks will be used.																								
26.	Amenities for the construction workers.	Sanitation facility, drinking water & tap water, soak pit for domestic waste water collection, first aid box, free medicine, doctor service, PPEs etc.																								

During the meeting, after detailed discussion, it was decided to consider the project only after submission of the following:

1. Justification for the proposed expansion along with the authentic supporting documents or a copy of permission obtained from the concerned competent authority in this regard.
2. Land possession documents showing ownership of the project site by the project proponent / applicant.

14.	Hindustan Textile Market (HTM)	T.P.S.No.33 (Dumbhal), F.P.No.43, O.P.No.23/2, B.No.23/2, Dumbhal, Surat.	Screening / scoping.
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Details of the proposed project as presented before the committee is tabulated below:

Sr. No.	Particulars	Details															
1.	Proposal is for	New project [SIA/GJ/NCP/53237/2016]															
2.	Type of Project	Commercial project															
3.	Project / Activity No. [8(a) or 8(b)]	8(a)															
4.	Name of Project	Hindustan Textile Market-HTM															
5.	Name of Developer	Himmatbhai H. Patel															
6.	Estimated Project Cost (Rs. in Crores)	10 Crores.															
7.	Whether construction work initiated at site? If yes, details thereof	No															
8.	Project Details	<ul style="list-style-type: none"> • Land/Plot Area (m²): 6,270 • FSI area (m²): 23,603.61 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Permissible</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>FSI Area (m²)</td> <td>25,080.0</td> <td>23,603.61</td> </tr> <tr> <td>Ground Coverage (m²)</td> <td>3,009.60</td> <td>2,986.90</td> </tr> <tr> <td>Common Plot Area (m²)</td> <td>627.0</td> <td>650.12</td> </tr> <tr> <td>Max. building height (m)</td> <td></td> <td>49.62</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Total BUA (m²): 37,871.35 		Permissible	Proposed	FSI Area (m ²)	25,080.0	23,603.61	Ground Coverage (m ²)	3,009.60	2,986.90	Common Plot Area (m ²)	627.0	650.12	Max. building height (m)		49.62
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Max. building height (m)		49.62															
9.	Building Details	<ul style="list-style-type: none"> • No. of Buildings: 1 • No. of Blocks: 1 • Scope of buildings/blocks: 2 level basement + ground floor + 8 floors. • No. & size of Residential Units: --- • No. & type of Commercial Units: 198 Shops • Details of amenities if any: --- 															
10.	No. of expected residents /	792 persons															

	users																																									
11.	Water & waste water details during construction phase	<ul style="list-style-type: none"> Water requirement (KL/day): 20.0 Source of water: Bore well water Waste water generation quantity (KL/day): 3.2 Mode of disposal: Temporary septic tank & soak pit Details of reuse of water, if any: Nil 																																								
12.	Water & waste water details during operation phase	<ul style="list-style-type: none"> Fresh water requirement (KL/day): 32.0 Source of water: Water supply from Surat Municipal Corporation (SMC) Waste water generation quantity (KL/day): 25.0 Mode of disposal: Into drainage line of Surat Municipal Corporation (SMC). 																																								
13.	Status of water supply and drainage line	SMC will provide water supply & drainage line.																																								
14.	Solid waste Management	<p>Construction Phase:</p> <table border="1"> <thead> <tr> <th></th> <th>Generation (m³)</th> <th>Quantity to be reused (m³)</th> <th>Mode of Disposal / Reuse</th> </tr> </thead> <tbody> <tr> <td>Top Soil</td> <td>1,603.24</td> <td>850</td> <td>It will be reused for tree plantation</td> </tr> <tr> <td></td> <td></td> <td>753.24</td> <td>Surplus will be supplied to garden department of SMC.</td> </tr> <tr> <td>Other excavated earth</td> <td>48,898.78</td> <td>3,000</td> <td>It will be reused in development of internal road.</td> </tr> <tr> <td></td> <td></td> <td>45,898.78</td> <td>Surplus will be supplied to SMC for road development. We will reuse construction debris in footing & foundation.</td> </tr> <tr> <td>Construction debris</td> <td>0.5</td> <td>0.5</td> <td>Used in column, Footing and foundation</td> </tr> <tr> <td>Steel Scrap</td> <td>0.3</td> <td>0.3</td> <td>Used in column, Footing and foundation</td> </tr> <tr> <td>Discarded packing materials</td> <td>Cement & Plastic Bags</td> <td></td> <td>Cement bag partly reuse in curing purpose & partly Sale out in open market while plastic bag sale out to the registered recycler or vendor</td> </tr> </tbody> </table> <p>Operation Phase:</p> <table border="1"> <thead> <tr> <th>Type of waste</th> <th>Generation Quantity (Kg/day)</th> <th>Mode of waste collection</th> <th>Mode of Disposal / Reuse</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Generation (m ³)	Quantity to be reused (m ³)	Mode of Disposal / Reuse	Top Soil	1,603.24	850	It will be reused for tree plantation			753.24	Surplus will be supplied to garden department of SMC.	Other excavated earth	48,898.78	3,000	It will be reused in development of internal road.			45,898.78	Surplus will be supplied to SMC for road development. We will reuse construction debris in footing & foundation.	Construction debris	0.5	0.5	Used in column, Footing and foundation	Steel Scrap	0.3	0.3	Used in column, Footing and foundation	Discarded packing materials	Cement & Plastic Bags		Cement bag partly reuse in curing purpose & partly Sale out in open market while plastic bag sale out to the registered recycler or vendor	Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal / Reuse				
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		45,898.78	Surplus will be supplied to SMC for road development. We will reuse construction debris in footing & foundation.																																							
Construction debris	0.5	0.5	Used in column, Footing and foundation																																							
Steel Scrap	0.3	0.3	Used in column, Footing and foundation																																							
Discarded packing materials	Cement & Plastic Bags		Cement bag partly reuse in curing purpose & partly Sale out in open market while plastic bag sale out to the registered recycler or vendor																																							
Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal / Reuse																																							

		Dry waste & Wet waste	317	Into bins to be provided to each shop.	Final disposal through the agency appointed by SMC.
		<ul style="list-style-type: none"> • Details of segregation if to be done: No • Capacity and no. of community bins to be placed within premises: 18 bins having volume 1.7 m³ • Authority / agency involved in waste disposal : SMC • Landfill site where waste will be ultimately disposed by local authority: at Khojod disposal site. 			
15.	Parking Details	<ul style="list-style-type: none"> • Total parking area requirement for the project as per GDCR: 7,081.08 m² • Parking area requirement for Commercial units as per GDCR: 7,081.08 m² • Total number of CPS requirement for the project as per NBC : 472CPS • Number of CPS requirement for commercial units as per NBC: 472 CPS • Total Parking area provided (m²) & No. of CPS: 16,572.86 m² & 527 ECS • Parking area provided in basement (m²) & No. of CPS: 10,969.16 m² & 342 CPS • Parking area provided in hollow plinth (m²) & No. of CPS: 1,037.72 m² & 37 CPS • Parking area provided as open surface (m²) & No. of CPS: Open space margin: 522.45 m² & 22 CPS. • Parking area provided as mechanical parking in basement (m²) & No. of CPS: 4,043.53 m² & 126 CPS. 			
16.	Traffic Management	<ul style="list-style-type: none"> • Width of adjacent / approach road: 60 m & 15 m. • No. of Entry and Exit: 2 gates including entry into basement. • Width of internal roads: 6 m & 8 m • Minimum width of open path all around the buildings for easy access of fire tender: 4 m 			
17.	Green building features including measures for conservation of water & energy, use of eco-friendly building materials, etc.	Use of autoclave aerated blocks, RMC, aerated type water taps, solar based street lighting, LED lightings fixtures and low voltage lightings in common areas, maximum use of natural ventilation & natural light, use of energy saving electrical appliances i.e. 5 star rating and inverter system, rain water harvesting & ground water recharge etc.			
18.	Energy requirement, source and conservation	<ul style="list-style-type: none"> • Power supply-Connected load: Maximum demand 1000 KVA • Source: DGVCL • % of saving with calculation: 25% saving by using CFL, LED, solar based street lighting & Star rated energy efficient electronic appliances. • DG Set: No. of D.G.Sets: 2 x 50 KVA Fuel & it quantity: HSD-50 lit/hour 			
19.	Fire and Life Safety Measures	Underground fire water storage tank of 100 KL, overhead tank of 12 KL, 2 nos. of CO ₂ type fire extinguishers (4.5 kg capacity) & 2 nos. of DCP type fire extinguishers (5 kg capacity) on each floor, 2 nos. of DCP type fire extinguishers of 50 kg capacity near electric panel, fire alarm call points with sounders on each floor, automatic			

		sprinkler system in basement, hose reel, fire hydrant, wet riser etc. will be provided as fire fighting facilities.
20.	Details on staircase	
	Type & no. of buildings	No. of floors
	Floor area	No. of staircase
	Width of the staircase	Travel distance (m)
	Height (m)	
	1 Building	2 B + G.F. + 8 Floors
	2,755.30	2
	2.0	20
		49.62
21.	Rain Water Harvesting (RWH)	<ul style="list-style-type: none"> Level of the Ground water table: 30 feet in monsoon 45 feet in summer No. & dimensions of RWH tank(s): No. and depth of percolations wells: 2 nos. Details on Pre-treatment facilities: ---
22.	Green area details	<ul style="list-style-type: none"> Tree covered area (m²): 470.0 Area covered by shrubs and bushes (m²): --- Lawn covered area (m²): 381.28 Total Green Area (m²): 851.28 m² Green Area % of plot area: 13.57 % No. of trees to be planted: 60 trees.
23.	Dust control measures	Spraying of water, peripheral barricading, covered shed for cement loading area, covering the excavated earth with tarpaulin sheet etc.
24.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Budget allocation of rupees 10 lacs for rain water harvesting & tree plantation.
25.	Details of eco-friendly building materials	Fly ash bricks, aerated blocks, fly ash paving blocks, maximum use of RMC, lead free paints etc.
26.	Facilities to construction workers	Sanitation & drinking water facilities, welfare facilities as per Gujarat building & other construction workers rules & regulations
27.	Documents related to land possession	Village form no. 7 & 12, as on 14/12/2015, submitted by them shows that the land is in the name of applicant Mr. Himmatbhai H. Patel & his wife with a condition of payment of premium for N.A permission.

During the meeting, it was presented that all the units will be facilitated with cross ventilation through glass window on the side facing OTS/ road and window as well as door on the other side. After detailed discussion, it was decided to appraise the project only after submission of the following:

1. Copy of permission obtained from the concerned competent authority for the proposed FSI.
2. Copy of N.A permission obtained for commercial use of the project site or authentic supporting documents

showing that the proposed commercial activity is a permissible activity at the proposed site.

3. Explore the possibility of providing two separate ramps and revised plans showing location of both the ramps.
4. Realistic details on maximum travel distance of the staircase from the farthest corner of the floor, distance between the two consecutive staircases and provision of staircases as well as fire fighting facilities considering the same as per requirement of the NBC norms & existing GDCR..
5. Minimum fire water requirement for the proposed project based on the fire study.
6. A notarized undertaking stating that any kind of manufacturing activity will not be allowed in the commercial units of the proposed project and any commercial unit will not be sold / allotted for storage of chemicals, flammable substances, explosives, fire crackers or any other material of hazardous characteristics.
7. Perspective view of the building(s) to be constructed along with the materials used such as fibers, glass, etc. on the facades or external walls and the impacts thereof on the nearby buildings / residents due to heat island effect and emissions from the air conditioning systems.
8. Details of mechanical parking to be provided (also including its operation, maintenance, energy consumption, appointing trained personnel's etc.) in the basement along with the feasibility of providing mechanical parking considering the basement height.
9. Details on ventilation, lighting arrangements and CO sensors to be provided in the basements.
10. Detailed plan for loading / unloading of goods, movement plan, space designated for it, parking area designated for trucks/tempo etc.
11. Details on common amenities like drinking water facility, sanitary blocks, first aid facilities etc. to be provided at each floor.
12. Details & plan/s showing floor wise emergency evacuation for the proposed project.
13. E waste management plan.

15.	GMERS Medical College & Hospital	R.S.No.24/P1, 24/P2, 24/P3, Junagadh.	Screening & scoping.
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The project proponent vide proposal no. SIA/GJ/NCP/11325/2016 dated 03/05/2016 submitted an application for obtaining environmental clearance for medical college & hospital. Built up area of the project will be 2,31,126.81 m². Land area of the proposed project is 1,52,496.0 m². As the built up area of the project is >1,50,000 m², it falls in the project / activity no. 8(b) as per the schedule annexed with the EIA Notification 2006.

Presentation made before the committee included the details like location of the project site, scope of the project, water & waste water details, power requirement, MSW generation & management, parking area provision, proposed safety measures, details of green belt development, rain water harvesting & ground water recharge etc.

During the meeting, it was presented that they have already started baseline study from March-2016 and requested to allow them to use the same for preparation of the EIA study. The request was considered by the committee. After detailed discussion, the project proponent was asked to prepare EIA report incorporating the following additional Terms of Reference and to carry out the EIA study covering 5 Km radial distance from the project boundary.

1. Notarized undertaking stating that the construction activity for the proposed project will be carried out only

- after obtaining prior Environmental Clearance from SEIAA Gujarat.
2. A single layout plan showing location of buildings, roads, D.G.sets, STP, parking provision, green belt (tree covered area), common plot, location of percolation wells etc. with different colour codes.
 3. Provision of separate entry & exit and adequate margin all round the periphery for easy unobstructed movement of fire tender without reversing.
 4. Implementation schedule of the project along with the bar chart.
 5. A map of the study area delineating the major topographical features such as land use, drainage, locations of habitats, environmental sensitive areas, major constructions including roads, railways, pipelines, industries if any in the area are to be mentioned.
 6. Land use map of the study area based on high resolution satellite imagery delineating the forest, agricultural land, water bodies, settlements and other cultural features. Details of change / creation in land use / land cover due to the proposed project.
 7. Details of site topography along with the contour plan of the project area. Details of change in topography of the area due to the project.
 8. Scope & height of all the buildings to come up in the project. Break up of FSI, built up area plot wise, block & building wise plan & area statement.
 9. Details about no. of beds in the hospital, fixed population, expected occupancy as well as floating population including visitors considered for the proposed project.
 10. Source of water supply during the construction phase along with the expected quantity of the water requirement. Waste water disposal plan during the construction phase.
 11. Detailed fresh water consumption based on activity and area of the project as per the NBC norms. Exact source of water supply during operation phase. Permission from the concerned authority for water supply.
 12. Domestic waste water disposal plan during operation phase and permission from concerned authority for sewage disposal.
 13. Details of the STP with size of each unit, its location on the plan and its adequacy. Measures proposed to prevent odour nuisance due to the STP operation. Provision of dual plumbing, if any, for reuse of treated sewage for purposes like flushing, cooling tower make up etc.
 14. Details of water conservation measures including provision of low water consuming devices.
 15. Application wise break up of treated sewage utilization. Adequacy of open land area available for utilizing treated sewage for plantation / gardening. Suitability of use of treated sewage on the land with respect to the soil characteristic etc. shall be studied and a report in this regard shall be submitted.
 16. Details of storm water management. Detailed plan to manage treated sewage in monsoon season. How it will be ensured that treated sewage won't flow outside the premises linked with storm water during high rainy days.
 17. Details of soil excavation / filling required for the project along with its quantification based on backup calculations. Details with respect to proposed use / disposal of excavated soil. Plan for management, use and disposal of construction debris including excavated materials during the construction phase.
 18. Details of top soil management plan during construction phase. If the topsoil is proposed to be preserved, the details relating to the quantity of topsoil stored, demarcated area on plan where it is stored along with preservation plan is to be given.
 19. Engineering controls proposed for dust control including barricading the site during the construction period.

20. Details on impacts of air emission from the vehicles during the construction and operation phases, emission during loading, unloading, transportation and storage of construction materials etc. and mitigation measures thereof should be incorporated in the EIA report.
21. Details of the D.G. sets including fuel, quantity, stack height, location as well as the acoustic measures proposed to abate noise pollution.
22. Map of the study area clearly delineating the location of monitoring stations for air, water, soil and noise, superimposed with location of habitats are to be shown. Primary data shall be collected for one season except rainy season.
23. Details of base line ambient air quality monitoring data of one season other than monsoon for at least five locations in 5 km study area and impact analysis due to the proposed project. Parameters namely PM₁₀, PM_{2.5}, NO₂, SO_x and CO shall be considered. Air quality modelling shall be carried out for prediction of impact of the project on the air quality of the area. The details of the model used and the input parameters used for modeling shall be provided. The air quality contours shall be shown on the location map clearly indicating the location of site, location of sensitive receptors, if any, and habitation.
24. Details of incremental pollution load on the ambient air quality, noise and water quality due to the project.
25. Plan to curb noise likely to be generated from the use of construction equipments like mixers, vibrators etc. Impact of project construction/operation on the noise on account of construction equipment, construction/demolition activities and road traffic is to be studied.
26. Details with respect to the quantity of the generation of the garbage / Municipal Solid waste (biodegradable & recyclable waste), electronic waste and mode of its treatment and disposal. Details of composting facility, if any proposed for composting of bio-degradable waste.
27. Details with respect to category wise generation of the bio-medical waste along with basis / norms considered for quantification.
28. Comprehensive plan for segregation and collection of wastes in different colour coded containers, safe handling, treatment, storage segregation, treatment and disposal of bio-medical waste along with details of facilities to be provided for the same. Standard operating procedures for handling of bio-medical wastes.
29. Provisions to conduct training program followed by refresher trainings at regular intervals for hospital staff for segregation, treatment and disposal of bio-medical wastes etc.
30. Details of authorized municipal solid waste facilities, biomedical waste treatment facilities and hazardous waste disposal facilities in the area should be included. Copy of permission obtained from concerned authority/ies should be submitted. Management and disposal of temporary structures, made during construction phase are to be addressed.
31. Membership of common biomedical waste treatment and disposal facility, if any obtained.
32. Detailed parking plan showing accommodation of two wheelers and four wheelers, its adequacy for the project and norms adopted for the calculations. The details shall include the parking requirement on the basis of footfalls, as per present GDCR and National Building Code (NBC) guidelines for each individual component of the project. The backup calculations showing the bifurcation of the built up area according to the activity vis-à-vis parking area required shall be furnished. Mark the area of parking on the drawing showing the parking. Also details of visitors parking, whether considered in total parking calculations / provisions or not.
33. Base line status of the existing traffic, impact on it due to the project activities (prior to construction, during

- construction and at full site operation), carrying capacity of the existing roads and details of traffic management in and outside the project during construction and operation phase of the project.
34. Base line ecological status. In case of any scheduled fauna, conservation plan should be provided.
 35. Details of existing trees to be protected / preserved / transplanted / removed. Detailed green belt development plan as per the CPCB guidelines, including area of tree plantation, its demarcation on the map, number and types of trees and budget allocation thereof. Also provide the break-up of the greenbelt viz. the tree covered and lawn covered area.
 36. Details of use of eco-friendly building material including fly ash bricks, fly ash paving blocks, RMC, lead free paints, use of PPC in concrete etc.
 37. Perspective view of the building(s) to be constructed along with the materials used such as fibers, glass, etc. on the facades or external walls and the impacts thereof on the nearby buildings / residents due to heat island effect and emissions from the air conditioning systems.
 38. Details of Green Building Concept to be adopted for the project.
 39. Details of provisions to make the project energy efficient and adoption of modes of alternative eco friendly sources of energy like solar water heater, solar street lighting, LED lighting etc. Measures proposed to comply with the ECBC norms for energy conservation.
 40. Scheme for rain water harvesting and ground water recharge with proper scientific calculations considering rainfall in the region, catchment area, land / soil characteristics, ground water recharge rate, duration of rain water harvesting etc. Details of provisions of pre-treatment of the rainwater, in the case of surface run off is to be harvested. Location of recharge percolation wells on the layout plan.
 41. Details of seismic zone of the project and design aspects required to be adhered to as per national standards for buildings to make it earthquake proof.
 42. The details of the basic amenities and welfare facilities to be provided to the construction workers to ensure that they do not ruin the existing environment.
 43. Details of safety measures proposed for the construction workers including provision of personal protection equipment. Details of registration and provisions to be made by the project proponent to follow Building and other Construction Workers Acts and Rules and undertaking for the same.
 44. Plan showing emergency exits as well as location of stair cases, lifts and pathways etc. and compliance to the GDCR and NBC in this regard.
 45. Details of fire fighting system including location of fire water tanks & capacity, separate power system for fire fighting, automatic sprinkler system, fire detection system with alarms & automatic fire extinguishers, location of fire lift and fire retardant staircases, details of qualified and trained fire personnel & their job specifications, nearest fire station & time required to reach the proposed site etc. Calculation and provision of minimum fire water requirement based on fire study as well as the availability of external fire fighting facility.
 46. Details of first aid / fire fighting and other emergency services to be provided during construction phase and operation phase including the training to be provided to the residential staff of the project as first aid providers, fire fighters etc.
 47. Details of disaster management plan during operation phase of the project should also include scenario of natural catastrophe like earth quake, cyclone and floods in addition to other disasters. The plan should include the details of (i) Emergency lighting plan (ii) details of power back up system in the case of

- emergency (iii) fire fighting arrangements (iv) first aid arrangement (v) Training and Mock drill (vi) Emergency announcement system (vii) Signages (viii) location of emergency stair cases and pathways etc.
48. Detailed Environment Management Plan with respect to various environmental attributes- Water, Air, Noise, Solid wastes including Hazardous Wastes, land etc. of the project both during construction and operation phase and strategy for its implementation with financial outlay. Details of monitoring / supervision cell to monitor environmental aspects during construction phase as well as operation phase including provision of qualified construction safety officer.
49. Certificate of accreditation issued by the NABET, QCI to the environmental consultant should be incorporated in the EIA Report.
50. An undertaking by the Project Proponent on the ownership of the EIA report as per the OM of MoEF&CC dated 05/10/2011 and an undertaking by the Consultant regarding the prescribed TORs have been complied with and the data submitted is factually correct as per the OM of MoEF&CC dated 04/08/2009.
51. A tabular chart with index for point-wise compliance of above TORs.

The above mentioned TORs shall be considered for preparation of the EIA report in addition to all the relevant information as per the generic structure of EIA given in Appendix III in the EIA Notification, 2006 as well as the generic Terms of Reference mentioned in the EIA Guidance Manual for "Building Construction, Townships & Area Development Projects" prepared by MoEF&CC. The project shall be appraised on receipt of the EIA report.

16.	Aqua	R.Sr. No. 129/P, T.P.S. No. 23 (Mota Mava), O.P. No. 23, F.P. No. 23, Village : Mota Mava, Taluka & District : Rajkot.	Screening & scoping.
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Details of the proposed project as presented before the committee is tabulated below:

Sr. No.	Particulars	Details
1.	Proposal is for	New Project
2.	Type of Project	Residential
3.	Project / Activity No. [8(a) or 8(b)]	8 (a)
4.	Name of the project	Aqua
5.	Name of Developer	Jadiben Jivabhai Aahir
6.	Estimated Project Cost (Rs. In Crores)	39 .85 Crores
7.	Whether construction work has been initiated at site? If yes, details thereof	No construction work has been initiated at site.

8.	Project Details	<ul style="list-style-type: none"> Land / Plot Area (m²): 10,193.30 FSI area (m²): 22,878.18 Total BUA (m²): 33,712.48 <table border="1" data-bbox="520 331 1528 510"> <thead> <tr> <th></th> <th>Permissible</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>FSI Area (m²)</td> <td>22,934.9</td> <td>22,878.18</td> </tr> <tr> <td>Ground Coverage (m²)</td> <td>---</td> <td>2,465.66</td> </tr> <tr> <td>Common Plot Area (m²)</td> <td>1,019.33</td> <td>1,019.44</td> </tr> <tr> <td>Max. building height (m)</td> <td>45</td> <td>38.65</td> </tr> </tbody> </table>		Permissible	Proposed	FSI Area (m ²)	22,934.9	22,878.18	Ground Coverage (m ²)	---	2,465.66	Common Plot Area (m ²)	1,019.33	1,019.44	Max. building height (m)	45	38.65					
	Permissible	Proposed																				
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Common Plot Area (m ²)	1,019.33	1,019.44																				
Max. building height (m)	45	38.65																				
9.	Building Details	<ul style="list-style-type: none"> No. of Buildings: 5 No. of Blocks: 4 Residential Blocks + 1 Amenity Block Scope of buildings/blocks: Basement + hollow plinth + 12 floors. No. & size of Residential Units: 96 (Size : Approx. 214 m²) No. & type of Commercial Units: --- Details of amenities if any: 1 Amenity block having 2 units. 																				
10.	No. of expected residents / users	Fixed population considered for the project: 480 Persons Floating population considered for the project: 288 Persons																				
11.	Water & waste water details during construction phase	<ul style="list-style-type: none"> Water requirement (KL/day): 25 Source of water: Local water tanker suppliers Waste water generation quantity (KL/day): 4 Mode of disposal: Septic tank / soak pit system Details of reuse of water, if any: None 																				
12.	Water & waste water details during operation phase	<ul style="list-style-type: none"> Fresh water requirement (KL/day): 81.0 Source of water: Water will be obtained from borewell / Mota Mava Gram Panchayat during operation phase Waste water generation quantity (KL/day): 58 Mode of disposal: Waste water will be discharged to the drainage line of Rajkot Urban Development Authority (RUDA). 																				
13.	Status of water supply and drainage line	RUDA drainage line is there in the area. It was presented that the project will be completed within 2-2.5 years. The existing water supply & drainage connection, is already available in the area, will be available to the project during operation phase.																				
14.	Solid waste Management	<p>Construction Phase:</p> <table border="1" data-bbox="520 1507 1493 1982"> <thead> <tr> <th></th> <th>Generation</th> <th>Quantity to be reused (m³)</th> <th>Mode of Disposal / Reuse</th> </tr> </thead> <tbody> <tr> <td>Top Soil</td> <td>1,500 m³</td> <td>1,500 m³</td> <td>Development of greenbelt within premises.</td> </tr> <tr> <td>Other excavated earth</td> <td>13,250 m³</td> <td>13,250 m³</td> <td>Leveling low lying areas and development of green belt area at proposed site itself.</td> </tr> <tr> <td>Construction debris</td> <td>491 m³</td> <td>491 m³</td> <td>Leveling roads, pavements, plot filling, plinth filling etc.</td> </tr> <tr> <td>Steel scrap</td> <td>3 Ton</td> <td>Nil</td> <td>To be sold to scarp</td> </tr> </tbody> </table>		Generation	Quantity to be reused (m ³)	Mode of Disposal / Reuse	Top Soil	1,500 m ³	1,500 m ³	Development of greenbelt within premises.	Other excavated earth	13,250 m ³	13,250 m ³	Leveling low lying areas and development of green belt area at proposed site itself.	Construction debris	491 m ³	491 m ³	Leveling roads, pavements, plot filling, plinth filling etc.	Steel scrap	3 Ton	Nil	To be sold to scarp
	Generation	Quantity to be reused (m ³)	Mode of Disposal / Reuse																			
Top Soil	1,500 m ³	1,500 m ³	Development of greenbelt within premises.																			
Other excavated earth	13,250 m ³	13,250 m ³	Leveling low lying areas and development of green belt area at proposed site itself.																			
Construction debris	491 m ³	491 m ³	Leveling roads, pavements, plot filling, plinth filling etc.																			
Steel scrap	3 Ton	Nil	To be sold to scarp																			

				dealer
		Discarded packing materials	20,000 bags	Nil To be sold to authorized vendor.
		Operation Phase:		
		Type of waste	Generation Quantity (Kg/day)	Mode of waste collection Mode of Disposal / Reuse
		Dry waste & Wet waste	240 kg/day	12 Nos. of common bins of 80 litre capacity will be provided for collection of waste. Will be regularly collected by RUDA for disposal.
		<ul style="list-style-type: none"> • Details of segregation if to be done: Not to be done • Capacity and no. of community bins to be placed within premises: 12 Nos. – each of 80 litre • Landfill site where waste will be ultimately disposed by local authority: --- 		
15.	Parking Details	<ul style="list-style-type: none"> • Total parking area requirement for the project as per GDCR: 4,575.6 m² • Parking area requirement for residential units as per GDCR: 4,575.6 m² • Total number of CPS requirement for the project as per NBC : 96 CPS • Number of CPS requirement for residential units as per NBC: 96 CPS • Total Parking area provided (m²) & No. of CPS: 7,184.48 m² (236 CPS) • Parking area provided in basement (m²) & No. of CPS: 4,677.02 m² (146 CPS) • Parking area provided in hollow plinth (m²) & No. of CPS: 2,233.34 m² (80 CPS) • Parking area provided in hollow plinth of amenity building (m²) & No. of CPS: 274.12 sq.m. (10 CPS) 		
16.	Traffic Management	<ul style="list-style-type: none"> • Width of adjacent public roads: 18 m & 9 m. • Number of Entry & Exit provided on approach road/s: 3 gates (two on 18 m wide road & one on 9 m wide road) • Width of Entry & Exit provided on approach road/s: 8 m. • Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): Ranging from 6 to 8 m • Width of all internal roads: 6 to 8 m 		
17.	Details of Green Building measures proposed.	Maximum use of Ready Mix Concrete (RMC), fly ash paver blocks for pavements/walkways, most of the carpentry structures will be made up of processed engineering wood instead of wood, maximum use of Portland Pozzolona Cement (PPC) containing high amount of fly ash, PVC electrical boards, ground water recharge through rain water harvesting with the help of 3 percolation wells, maximize the use of light colours in the building envelope - to reduce heat absorption and associated cooling requirements etc.		
18.	Energy Requirement, Source and Conservation	<ul style="list-style-type: none"> • Power supply: Maximum demand: During Construction: 100 KW During Operation: 1.0 MW 		

		<ul style="list-style-type: none"> • Source: M/s. Paschim Gujarat Vij Co. Ltd • Energy saving measures: Maximum use of LED lights, use of variable frequency drive motors to optimize power consumption, maximum use of natural daylight through architectural design & proper orientation of the buildings, use of the building material having lower U-value and the insulating material having higher R-value to have optimum energy performance, maximizing the use of light and silent colours in the building envelope so that UV absorption is reduced and associated cooling requirements are minimized. • DG Sets: No. and capacity of the DG sets: 1 x 75 KVA (as a back-up) Fuel & its quantity: HSD 				
19.	Fire and Life Safety Measures	<ul style="list-style-type: none"> • During operation phase: Fire extinguishers, hose reel, down comer, manual alarm system, sprinkler system in basement, 3 Nos. of underground fire water storage tank each having of 50 KL capacity, overhead tanks of capacity 25 KL capacity on each floor etc. • During construction phase: Personal protective equipments like earplugs, dust masks, safety shoes, helmets, hand gloves etc. will be provided to all workers, all workers will be trained to use welding shields and follow safer practices, provision of first aid facilities & related training to the construction workers, maintaining hoists and lifts, lifting machines, chains, ropes, and other lifting tackles in good condition, "H" frame scaffolds & ladders made of mild steel, completely concealed copper wiring, all electrical fittings / equipments used will meet the relevant IS standards etc. • Nearest fire station is Kalavad road fire station which is approx. 4.5 km. Time required for a fire tender to reach at the project site is 10 -15 minutes. 				
20.	Details on staircase					
	Block	No. of Floors in each building	Floor Area in each building	No. of Stairs in each building	Width of Stairs	Travel distance
	A	B+G+12	427.8 m ²	1	2.3 m	18.5 m
	B	B+G+12	427.8 m ²	1	2.3 m	18.5 m
	C	B+G+12	427.8 m ²	1	2.3 m	18.5 m
	D	B+G+12	427.8 m ²	1	2.3 m	18.5 m
21.	Rain Water Harvesting (RWH)	<ul style="list-style-type: none"> • No. and depth of percolations wells : 3 Nos., 40 m • Details on Pre-treatment facilities: Before recharging rain water, suitable arrangements of filtering (preferably sand filtration media) will be provided. Gratings at mouth of each drainpipe will be provided on terraces to trap leaves, debris and floating materials. Filter media will be cleaned before every monsoon season. First rain separator will be provided to flush off first rains. During rainy season, the whole system (roof catchment, pipes, screens, first flush and filters) will be checked before and after each rain and preferably cleaned after every dry period exceeding a month. 				
22.	Green area	<ul style="list-style-type: none"> • Tree covered area (m²) : 555 				

	details	<ul style="list-style-type: none"> • Lawn covered area (m²): 867 • Total Green Area (m²): 1422 • Green Area % of plot area: 14 % • No. of trees and species to be planted: 110 trees of local flora species such as Gulmohar, Asopalav, Neem etc. will be preferred.
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	Budgetary allocation of Rs. 7.5 lacs & Rs. 18.0 lacs has been proposed for Environmental Management Plan during the construction phase & operation phase respectively.
24.	Dust control measures	Temporary windshield barriers, regular water sprinkling, tarpaulin sheet cover on the material during the transportation, maximum use of Ready Mix Concrete (RMC), uniform piling of sand and proper storage to avoid dusting.
25.	Eco friendly building materials	Maximum use of Ready Mix Concrete (RMC), fly ash paver blocks for pavements/walkways, most of the carpentry structures will be made up of processed engineering wood instead of wood, maximum use of Portland Pozzolona Cement (PPC) containing high amount of fly ash.
26.	Facilities to be provided to the construction workers	Sanitation facilities, drinking water, municipal solid waste collection facility etc.
27.	Documents related to land possession.	N.A order submitted by them shows that the land of S.No.129 for residential use is in the name of Sh. Jadiben Jivabhai Aahir.

During the meeting, the project proponent was suggested to provide STP and to use solar energy at the extent possible. After detailed discussion, it was decided to appraise the project only after submission of the following:

1. Proposal for providing STP for the project and details of Sewage Treatment Plant with its capacity, size of each unit, retention time and its location on the plan. Measures proposed to avoid odour nuisance due to STP in operation phase. STP sludge management plan. Design details of dual plumbing system to be provided for reuse of treated sewage within premises.
2. Revised details on water requirement and sewage generation for the project considering reuse of treated sewage for gardening & flushing. Design drawing of dual plumbing system.
3. Details on solar energy utilization for the proposed project.
4. Source of availability of water supply, drainage connection & municipal solid waste collection facility to the proposed project and permission from concerned competent authority in this regard.
5. Details of main approach road to the proposed project site or T.P. scheme map showing the availability of the approach road to the proposed project site.
6. Copy of permission obtained from Airports Authority of India for the proposed building height.

17.	The Polaris Avenue	T.P.S.No.6 (Vesu) + T.P.S.No.75 (Vesu – Magdalla-Gavier-Abhva), F.P.No.59+29/B Paikee sub plot no. 2, at Vesu, Surat.	Screening / scoping.
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Project proponent vide the proposal no. SIA/GJ/NCP/53311/2016 dated 10/05/2016 submitted application for obtaining Environmental Clearance for the residential building construction project with land area of 9,737.0 m², built up area of 61,484.38 m² and FSI area of 38,677.48 m² i.e the FSI of 3.97.

Project proponent along with their expert consultant attended the meeting and presented that they have applied for obtaining Environmental Clearance for residential building construction project with FSI of 3.97 for which they have already applied to the State Government in Urban Development & Urban Housing Department (UD&UHD) for special permission and the permission is still awaited. Till the time the permission from UD&UHD for the proposed FSI of 3.97 is obtained, they plan to obtain Environmental Clearance for the proposed project with the base FSI of 2.2 which is available to the project as per the sanctioned GDCR in force.

The matter was discussed during the meeting and the committee was of the view that as discussed during the meeting of SEAC held on 04/05/2016, the opinion of Surat Municipal Corporation (SMC) & Surat Urban Development Authority (SUDA) has already been sought in this matter of availability of additional FSI with special permission of the State Government in UD&UHD under section 29(1)(ii) of Gujarat Town Planning and Urban Development Act, 1976 and a copy of the letter seeking opinion has already been sent to the UD&UHD, the project should be considered after obtaining the opinion of SMC & SUDA in this regard. Meanwhile the project proponent was asked to submit the revised proposal with base FSI available to the project as per the sanctioned GDCR, of course with all the provisions like parking area, Sewage Treatment Plant, Municipal Solid Waste management, fire & life safety measures etc. to be made as per the maximum permissible FSI to the project under section 29(1)(ii) of Gujarat Town Planning and Urban Development Act, 1976 for which the permission is sought from the UD&UHD. The project proponent was asked to submit the following:

1. Revised Form – I, Form – IA and revised project plans for the project with available base FSI as per the sanctioned GDCR in force.
2. Comparative statement of the complete project details for the base FSI available to the project as per the sanctioned GDCR in force and the maximum permissible FSI to the project under section 29(1)(ii) of Gujarat Town Planning and Urban Development Act, 1976 should also be submitted.

18.	Maple Tree	F.P.No.104/1, S.P.No.B, S.No.65+59+64+67, T.P.S.No.2, Thaltej, Ahmedabad West, Ahmedabad.	Screening /scoping & appraisal
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Details of the proposed project as presented before the committee is tabulated below:

Sr. No.	Particulars	Details
1.	Proposal is for	New Project
2.	Type of Project	Residential + Commercial
3.	Project / Activity No. [8(a) or 8(b)]	8(a)
4.	Name of the project	Maple Tree
5.	Name of Developer	M/s. Essem Infra Private Limited
6.	Estimated Project Cost (Rs. In Crores)	300 Crore

7.	Whether construction work has been initiated at site? If yes, details thereof	No															
8.	Project Details	<ul style="list-style-type: none"> Land / Plot Area (m²) : 31,804 FSI area (m²): 91,217.88 Total BUA (m²): 1,49,830.03 <table border="1"> <thead> <tr> <th></th> <th>Permissible</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>FSI Area (m²)</td> <td>1,14,494.4</td> <td>91,217.88</td> </tr> <tr> <td>Ground Coverage (m²)</td> <td>--</td> <td>9,352.51</td> </tr> <tr> <td>Common Plot Area (m²)</td> <td>3,180.40</td> <td>3,765.55</td> </tr> <tr> <td>Max. building height (m)</td> <td>45</td> <td>41.35</td> </tr> </tbody> </table>		Permissible	Proposed	FSI Area (m ²)	1,14,494.4	91,217.88	Ground Coverage (m ²)	--	9,352.51	Common Plot Area (m ²)	3,180.40	3,765.55	Max. building height (m)	45	41.35
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Max. building height (m)	45	41.35															
9.	Building Details	<ul style="list-style-type: none"> No. of Buildings: 9 No. of Blocks: 12 Scope of buildings/blocks: 2 level basement + ground floor (parking & shops) + 13 floors. No. & size of Residential Units: 512 Resi. Apartments No. & type of Commercial Units: 66 Shops Details of amenities if any: Community Hall 															
10.	No. of expected residents / users	2,956 Persons/Day															
11.	Water & waste water details during construction phase	<ul style="list-style-type: none"> Water requirement (KL/day): 20 Source of water: Local water tanker suppliers Waste water generation quantity (KL/day): 4 Mode of disposal: AMC drainage system Details of reuse of water, if any: None 															
12.	Water & waste water details during operation phase	<ul style="list-style-type: none"> Total water requirement (KL/day): 424.0 Fresh water requirement (KL/day): 282.0 Source of water: Narmada water through AMC Waste water generation quantity (KL/day): 323.0 Mode of disposal: Sewage to be generated will be treated in the proposed onsite STP. Treated sewage will be reused for gardening & flushing purposes within premises and only remaining quantity of treated sewage will be discharged into the drainage line of Ahmedabad Municipal Corporation (AMC). In case of STP provision, capacity of STP: 350 KL/day Purposes for treated sewage utilization: Flushing & Gardening Quantity of treated water to be reused: <ul style="list-style-type: none"> 1. Gardening(KL/day): 20 2. Flushing (KL/day): 122 Provision of dual plumbing system (Yes/No): Yes Quantity and type (treated/untreated) of water to be discharged: Sewage to be generated will be treated in the proposed onsite STP. 															

		<p>Treated sewage will be reused for gardening & flushing purposes within premises and only remaining quantity of treated sewage will be discharged into the drainage line of Ahmedabad Municipal Corporation (AMC).</p> <ul style="list-style-type: none"> • Mode of disposal: as above. 																																		
13.	Status of water supply and drainage line	Water supply and drainage lines already exist at the project site.																																		
14.	Solid waste Management	<p>Construction Phase:</p> <table border="1"> <thead> <tr> <th></th> <th>Generation (m³)</th> <th>Quantity to be reused (m³)</th> <th>Mode of Disposal / Reuse</th> </tr> </thead> <tbody> <tr> <td>Top Soil</td> <td>34,000</td> <td>34,000</td> <td>Development of greenbelt</td> </tr> <tr> <td>Other excavated earth</td> <td>1,36,800</td> <td>1,36,800</td> <td>Levelling low lying areas & development of green belt area</td> </tr> <tr> <td>Construction debris</td> <td>850</td> <td>850</td> <td>Levelling roads, pavements, plot filling, plinth filling etc.</td> </tr> <tr> <td>Steel scrap</td> <td>5 MT</td> <td>--</td> <td>To be sold to scarp dealer</td> </tr> <tr> <td>Discarded packing materials</td> <td>50,000 Bags</td> <td>--</td> <td>To be sold to authorized vendor.</td> </tr> </tbody> </table> <p>Operation Phase:</p> <table border="1"> <thead> <tr> <th>Type of waste</th> <th>Generation Quantity (Kg/day)</th> <th>Mode of waste collection</th> <th>Mode of Disposal/ Reuse</th> </tr> </thead> <tbody> <tr> <td>Dry waste & Wet waste</td> <td>1,379</td> <td>Will be collected in the bins to be provided to each individual unit. These bins will be emptied in to community bins to be provided at various locations.</td> <td>The said common community bins will be regularly emptied agency authorized by AMC.</td> </tr> </tbody> </table>				Generation (m ³)	Quantity to be reused (m ³)	Mode of Disposal / Reuse	Top Soil	34,000	34,000	Development of greenbelt	Other excavated earth	1,36,800	1,36,800	Levelling low lying areas & development of green belt area	Construction debris	850	850	Levelling roads, pavements, plot filling, plinth filling etc.	Steel scrap	5 MT	--	To be sold to scarp dealer	Discarded packing materials	50,000 Bags	--	To be sold to authorized vendor.	Type of waste	Generation Quantity (Kg/day)	Mode of waste collection	Mode of Disposal/ Reuse	Dry waste & Wet waste	1,379	Will be collected in the bins to be provided to each individual unit. These bins will be emptied in to community bins to be provided at various locations.	The said common community bins will be regularly emptied agency authorized by AMC.
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		STP Sludge	500	HDPE Bags	Used as Manure
		<ul style="list-style-type: none"> • Details of segregation if to be done: No. • Capacity and no. of community bins to be placed within premises: 77 nos. of bins of 80 Liter capacity • Landfill site where waste will be ultimately disposed by local authority: At the nearest the MSW collection point of AMC. 			
15.	Parking Details	<ul style="list-style-type: none"> • Total parking area requirement for the project as per GDCR: 19,843 m² • Parking area requirement for residential units as per GDCR: 17,177.30 m² • Parking area requirement for Commercial units as per GDCR: 2,665.70 m² • Total number of CPS requirement for the project as per NBC : 725 CPS • Number of CPS requirement for residential units as per NBC: 512 CPS • Number of CPS requirement for commercial units as per NBC: 213 CPS • Total Parking area provided (m²) & No. of CPS: 38,545.38 m² & 1,218 CPS. • Parking area provided in basement (m²) & No. of CPS: 36,157.44 m² & 1,130 CPS • Parking area provided in hollow plinth (m²) & No. of CPS: 2,115.78 m² & 76 CPS • Parking area provided as open surface (m²) & No. of CPS: 272.16 m² & 12 CPS 			
16.	Traffic Management	<ul style="list-style-type: none"> • Width of adjacent public roads: 30 m • Number of Entry & Exit provided on approach road/s: 2 gates will be provided. • Width of Entry & Exit provided on approach road/s: 9 m & 6 m. • Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 4.5 m • Width of all internal roads: 9 m & 6 m 			
17.	Details of Green Building measures proposed.	Solar lighting in common sunlit areas, maximum use of LED lights, use of variable frequency drive motors to optimize power consumption, fly ash paver blocks for pavements/walkways, most of the carpentry structures will be made up of processed engineering wood/ particle board instead of wood, maximum use of Portland Pozzolona Cement (PPC), PVC electrical boards, maximum use of Ready Mix Concrete (RMC), rainwater harvesting by recharging the ground water table with provision of 8 percolation wells, provision of STP & reuse of treated sewage within premises etc.			
18.	Energy Requirement,	<ul style="list-style-type: none"> • Power supply: 			

	Source and Conservation	<p>Maximum demand: 5 MW during Operation Phase Connected load: 5 MW Source: Torrent Power Ltd.</p> <ul style="list-style-type: none"> Energy saving measures: Solar lighting will be provided in common sunlit areas, maximum use of LED lights, use of variable frequency drive motors to optimize power consumption, maximum use of light and silent colors in the building envelope so that UV absorption is reduced and associated cooling requirements are minimized etc. DG Sets: No. and capacity of the DG sets: 2 Nos., 500 KVA & 250 KVA Fuel & its quantity: HSD 				
19.	Fire and Life Safety Measures	<ul style="list-style-type: none"> Nearest fire stations are Bodakdev & Memnagar fire stations which are approx. 2 & 2.5 km. respectively and time required for a fire tender to reach at the project site is 10-15 minutes. During operation phase: Fire extinguishers, fire hydrant system, one CO2 type fire extinguisher of 4.5 kg and one DCP type fire extinguisher of 5 kg capacity on each floor, hose reels, wet risers, 2 nos. of underground water storage tank each having 100 KL capacity, manually operated electric fire alarm system on each floor with sounders capable of being heard all throughout the building, CO sensors in the basement etc. During the construction phase: Fire extinguishers in common areas, personal protective equipments like earplugs, dust masks, safety shoes, helmets, hand gloves, etc will be provided to all workers, all workers will be trained to use welding shields and follow safer practices, provision of first aid facilities & related training to the construction workers, maintaining hoists and lifts, lifting machines, chains, ropes, and other lifting tackles in good condition, "H" frame scaffolds & ladders made of mild steel, completely concealed copper wiring, all electrical fittings / equipments used will meet the relevant IS standards etc. 				
20.	Details on staircase:					
	Type & no. of buildings	Floor area (m ²)	No. of floors	No. of staircase	Width of the staircase (m)	Travel distance (m)
	A+B+C+D	2431.81	14	4	2.0	Max. 29 m
	E to L (8 blocks)	552.16	14	1 in each block		
21.	Rain Water Harvesting (RWH)	<ul style="list-style-type: none"> Level of the Ground water table: -- No. & dimensions of RWH tank(s) : Not Applicable No. and depth of percolations wells: 8 Nos. & 37 m Details on Pre-treatment facilities : Screen pit before the percolation well 				
22.	Green area details	<ul style="list-style-type: none"> Tree covered area (m²) : 4,591 Area covered by shrubs and bushes (m²): 600 				

		<ul style="list-style-type: none"> • Lawn covered area (m²): 1,400 • Total Green Area (m²): 6,591 • Green area % of plot area: 20 % • No. of trees and species to be planted: 480 nos. • Local flora species i.e. Gulmohar, Asopalav, Neem etc. will be preferred
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	---
24.	Dust control measures	Temporary windshield barriers, regular water sprinkling, tarpaulin sheet cover on the material during the transportation, maximum use of Ready Mix Concrete (RMC), uniform piling of sand and proper storage to avoid dusting.
25.	Eco friendly building materials	Maximum use of Ready Mix Concrete (RMC), fly ash paver blocks for pavements/walkways, most of the carpentry structures will be made up of processed engineering wood instead of wood, maximum use of Portland Pozzolona Cement (PPC) containing high amount of fly ash.
26.	Facilities to be provided to the construction workers	Sanitation facilities, drinking water, municipal solid waste collection facility etc.
27.	Documents related to land possession.	Village form no. 7, as on 04/05/2016 submitted by them shows that the N.A land for residential & commercial use is in the name of M/s Essem Infra Pvt. Ltd.

During the meeting, it was observed that floor area of all the building blocks is more than 500 m² and hence they were suggested to provide two nos. of staircases in each building block. It was presented that Mechanical extractors for smoke venting which permit 10 air changes per hour in case of a fire or distress call in basement, provision of ventilator openings each having a size of 0.5 m X 0.5 m for ventilation as well as natural skylight arrangement in the basement, ramp as well as basement area will be illuminated to the extent of 30 Lux, 4 nos. of CO sensors (installed at opposite direction) with associated alarm system will be provided in the basement parking area. Traffic survey was carried out on 30 m wide adjacent road and it shows that the road having carrying capacity of 600 PCU/hr will be capable enough to cater the total traffic load of 3,576 PCU/hr after the proposed project comes into existence. The existing percentage of road saturation is 39% which will be 60% in the proposed scenario. It was found that a After detailed discussion, it was decided to consider the project only after submission of the following:

1. Details on the FSI permissible to the project. Permission from concerned competent authority or authentic supporting documents showing the availability of the proposed FSI to the project.
2. Project plans showing provision of two staircases in each building block of the proposed project.
3. Detailed Environment Management Plan with respect to various environmental attributes- Water, Air, Noise, Solid wastes including Hazardous Wastes, land etc. of the project both during construction and operation phase and strategy for its implementation with financial outlay.
4. Distance of the Electric grid line & ONGC line from the building control line of the proposed project, required margin to be left between the lines and the building control line along with the supporting documents or

permission from concerned competent authorities in this regard.																		
19.	GMERS General Hospital & Medical College	R.S. No. 769, 770, 771/P, 772, 773, 768/P, 776/P, 796/P, 797/P, (F.P.No. 1, 6, T.P.No. 63), (F.P.No. 173, T.P.No. 61), (F.P.No. 8, T.P. No.2), T.B.Campus, Gotri ,Vadodara																
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S.No.	Particulars	Details																
1.	Proposal is for	New project [SIA GJ/NCP/53281/2016]																
2.	Type of Project	General hospital & medical college.																
3.	Project / Activity No. [8(a) or 8(b)]	8(a)																
4.	Name of the project	GMERS General hospital & medical college																
5.	Name of Developer	Project Implementation Unit, Vadodara. Health & Family Welfare Department, Government of Gujarat, Civil Hospital Campus, Sector-12, Gandhinagar-382012																
6.	Estimated Project Cost (Rs. In Crores)	Rs. 297.00 Cr																
7.	Whether construction work has been initiated at site? If yes, details thereof	yes																
8.	Project Details	<ul style="list-style-type: none"> Land / Plot Area (m²): 1,41,770.80 FSI area (m²): 1,20,155.73 Total BUA (m²): 1,29,858.09 <table border="1"> <thead> <tr> <th></th> <th>Permissible</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>FSI Area (m²)</td> <td>1,64,789.03</td> <td>1,20,155.73</td> </tr> <tr> <td>Ground Coverage (m²)</td> <td>30,897.94</td> <td>16,711.56</td> </tr> <tr> <td>Common Plot Area (m²)</td> <td>11,443.68</td> <td>11,416.68</td> </tr> <tr> <td>Max. building height (m)</td> <td>40 .0</td> <td>33.0</td> </tr> </tbody> </table>		Permissible	Proposed	FSI Area (m ²)	1,64,789.03	1,20,155.73	Ground Coverage (m ²)	30,897.94	16,711.56	Common Plot Area (m ²)	11,443.68	11,416.68	Max. building height (m)	40 .0	33.0	
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9.	Building Details	No./type of Buildings:14 Details & scope of the buildings as well as number of units are as per the table A below.																
10.	No. of expected residents / users	<table border="1"> <thead> <tr> <th>Users</th> <th>Number of Users</th> </tr> </thead> <tbody> <tr> <td>Patient</td> <td>750</td> </tr> <tr> <td>OPD & Staff</td> <td>375</td> </tr> <tr> <td>Occupant in Staff Quarters</td> <td>1220</td> </tr> <tr> <td>Other Staff</td> <td>60</td> </tr> <tr> <td>Students</td> <td>600</td> </tr> <tr> <td>Occupant in hostel (Boys and Girls)</td> <td>1228</td> </tr> <tr> <td>Visitors</td> <td>842</td> </tr> </tbody> </table>	Users	Number of Users	Patient	750	OPD & Staff	375	Occupant in Staff Quarters	1220	Other Staff	60	Students	600	Occupant in hostel (Boys and Girls)	1228	Visitors	842
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11.	Water & waste water details during construction phase	<ul style="list-style-type: none"> Water requirement (KL/day): 25.0 Source of water: water supply from Vadodara Municipal Corporation (VMC). Waste water generation quantity (KL/day): 4 																

		<ul style="list-style-type: none"> Mode of disposal: Into temporary septic tank and soak pits. Details of reuse of water, if any: --- 																																
12.	Water & waste water details during operation phase	<ul style="list-style-type: none"> Total water requirement (KL/day): 722 Fresh water requirement (KL/day): 433.0 Source of water: water supply from Vadodara Municipal Corporation (VMC). Waste water generation quantity (KL/day): 565.0 Mode of disposal: Sewage to be generated will be treated in the proposed onsite STP. Treated sewage will be reused for gardening & flushing purposes within premises and only remaining quantity of treated sewage will be discharged into the drainage line of Vadodara Municipal Corporation (VMC). In case of STP provision, capacity of STP: 700 KL/day Purposes for treated sewage utilization: Flushing & Gardening Quantity of treated water to be reused: <ol style="list-style-type: none"> Gardening(KL/day): 57 Flushing (KL/day): 232 Provision of dual plumbing system (Yes/No): Yes Quantity and type (treated/untreated) of water to be discharged: Sewage to be generated will be treated in the proposed onsite STP. Treated sewage will be reused for gardening & flushing purposes within premises and only remaining quantity of treated sewage will be discharged into the drainage line of Vadodara Municipal Corporation (VMC). Mode of disposal: as above. 																																
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		Dry waste	7.5	Will be Collected in Bins	Solid Waste suitably disposed off through door to door collection & disposal facilities by VMC
		Wet waste	17.5	Will be Collected in Bins	-do-
		Biomedical waste	525	Will be segregated at source By Providing Appropriate Colour Coded Bins / Containers as per the Biomedical Waste Management & Handling Rules.	BMW will be disposed through Nearest Common Biomedical Waste Treatment Facility.
		<ul style="list-style-type: none"> • Details of segregation if to be done: BMW will be segregated at source by providing appropriate colour coded bins / containers as per the provisions of the Bio-Medical Waste (Management & Handling) Rules. • Capacity and no. of community bins to be placed within premises: 35 Nos. 20 kg Each. • Landfill site where waste will be ultimately disposed by local authority: Municipal Solid Waste will be finally disposed at the nearby MSW collection point of Vadodara Municipal Corporation. 			
15.	Parking Details	<ul style="list-style-type: none"> • Total parking area requirement for the project as per GDCR: 18,023.33 m². • Parking area requirement as per GDCR for (specify in case of any other): College & Hospital: 18,023.33 m² • Total number of CPS requirement for the project as per NBC: 654 Nos. • Number of CPS requirement as per NBC for proposed medical college & hospital: 654 CPS. • Total Parking area provided (m²) & No. of CPS: 36,167.23 m² & 1546 CPS. • Parking area provided in hollow plinth (m²) & No. of CPS: 3,309.97 m² & 118 CPS. • Parking area provided as open surface (m²) & No. of CPS: 32,857.26 m² & 1,428 CPS. 			
16.	Traffic Management	<ul style="list-style-type: none"> • Width of adjacent public roads: 30.0 m. • Number of Entry & Exit provided on approach road/s: 3 gates will be provided. • Width of Entry & Exit provided on approach road/s: 12 m • Minimum width of open path all around the buildings for easy access of fire tender (excluding the width for the plantation): 5.0 m • Width of all internal roads: 7.5 – 12 m 			

17.	Details of Green Building measures proposed.	Low-VOC emitting and refurbished or bio-harvested renewable material content for flooring, provision of local exhaust ventilation to areas where indoor air pollutant build-up can be a problem, on-site rainwater harvesting & ground water recharging systems, light transmitting panels. green belt development (13.40% of total plot area), provision of STP & reuse of treated sewage within premises etc.																											
18.	Energy Requirement, Source and Conservation	<ul style="list-style-type: none"> • Power supply: Maximum demand: 3250 KVA Connected load: 3500 KVA • Source: UGVCL (Uttar Gujarat Vij Co. Limited) • Energy saving measures: All internal common area lighting system is proposed to have high efficiency lamps (T5/T8)/CFL. • Compliance of the ECBC guidelines (Yes / No),if yes, compliance in tabular form: Yes <table border="1" data-bbox="491 757 1423 1675"> <thead> <tr> <th>Section No.</th> <th>Requirement</th> <th>Compliance</th> </tr> </thead> <tbody> <tr> <td>7.2</td> <td>Lighting controls occupancy/ time switch</td> <td>Parking area lighting will be controlled through switch with alternate switching.</td> </tr> <tr> <td>7.2.1.4</td> <td>Exterior lighting to be photo sensor or time switch</td> <td>External lighting will be controlled through timer.</td> </tr> <tr> <td>7.3</td> <td>Interior lighting power to be within specified limits</td> <td>All light in common open area will be ceiling mounted. It illuminates the required area only.</td> </tr> <tr> <td>7.4</td> <td>Exterior lighting power to be within specified limits</td> <td>All lights will be with bracket or arm, so no extra light will be cross boundary limit.</td> </tr> <tr> <td>8.2.1.1</td> <td>Maximum allowable power loss from transformer</td> <td>Shall be used energy efficient transformers as per ECBC Norms.</td> </tr> <tr> <td>8.2.2</td> <td>Energy efficient motors</td> <td>For the common area, all motor will be energy efficient as per ECBC.</td> </tr> <tr> <td>8.2.3</td> <td>Power factor be maintained between 0.95 and unity</td> <td>We will use capacitor bank for common areas load to maintain power factor.</td> </tr> <tr> <td>8.2.5</td> <td>Power distribution system losses to be maintained less than 1%.</td> <td>We will consider low watt loss type MCB in all distribution system.</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • DG Sets: No. and capacity of the DG sets: 2 x 750 KVA. Fuel & its quantity: Diesel, 50 lit/hr in case of emergency only. 	Section No.	Requirement	Compliance	7.2	Lighting controls occupancy/ time switch	Parking area lighting will be controlled through switch with alternate switching.	7.2.1.4	Exterior lighting to be photo sensor or time switch	External lighting will be controlled through timer.	7.3	Interior lighting power to be within specified limits	All light in common open area will be ceiling mounted. It illuminates the required area only.	7.4	Exterior lighting power to be within specified limits	All lights will be with bracket or arm, so no extra light will be cross boundary limit.	8.2.1.1	Maximum allowable power loss from transformer	Shall be used energy efficient transformers as per ECBC Norms.	8.2.2	Energy efficient motors	For the common area, all motor will be energy efficient as per ECBC.	8.2.3	Power factor be maintained between 0.95 and unity	We will use capacitor bank for common areas load to maintain power factor.	8.2.5	Power distribution system losses to be maintained less than 1%.	We will consider low watt loss type MCB in all distribution system.
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19.	Fire and Life Safety Measures	<ul style="list-style-type: none"> • Vadiwadi Fire Station, Sayaji Path, Vadodara at approximate 2.5 Km travel distance from the project site which takes 15 minutes to reach the site. • Fire fighting measures to be provided during operation phase of the 																											

		project: Three No. of underground fire water storage tanks each of 50 KL capacity, fire extinguishers, manually operated fire alarm system, hose reel, smoke detectors, overhead tanks of 25 KL capacity, sand buckets etc.																								
20.	Details on staircase	Please refer Table A																								
21.	Rain Water Harvesting (RWH)	<ul style="list-style-type: none"> • Level of the Ground water table: 5.0 to 7.0 m • No. & dimensions of RWH tank(s) : nil • No. and depth of percolations wells: 35 nos. • Details on Pre-treatment facilities: Sand Filter will be used to remove suspended pollutants from the rainwater. After filtration, water will be recharged using percolation pit, filled with pebbles or brick and river sand and covered with perforated concrete slabs. Depth of recharge pit will be designed according to water table of the area. 																								
22.	Green area details	<ul style="list-style-type: none"> • Tree covered area (m²): 7,553.6 • Area covered by shrubs and bushes (m²): --- • Lawn covered area (m²): 11,443.68 • Total Green Area (m²): 18,997.28 • Green Area % of plot area: 13.39 % • No. of trees and species to be planted: 2400 Trees of 14 local species. 																								
23.	Budgetary allocation for Environmental Management Plan (Rs. in lacs)	<p>(Please specify the activities and break up of budget allocation)</p> <p>Green Belt Development</p> <table border="1"> <thead> <tr> <th>Year/Stage</th> <th>No. of Plants</th> <th>Capital Cost</th> <th>Recurring Cost</th> </tr> </thead> <tbody> <tr> <td>1st year</td> <td>800</td> <td>1.20</td> <td>1.00</td> </tr> <tr> <td>2nd year</td> <td>800</td> <td>1.20</td> <td>1.00</td> </tr> <tr> <td>3rd year</td> <td>760</td> <td>1.14</td> <td>1.00</td> </tr> <tr> <td>Lawn</td> <td>-</td> <td>2.00</td> <td>-</td> </tr> <tr> <td>Total</td> <td>2360</td> <td>5.54</td> <td>3.00</td> </tr> </tbody> </table>	Year/Stage	No. of Plants	Capital Cost	Recurring Cost	1 st year	800	1.20	1.00	2 nd year	800	1.20	1.00	3 rd year	760	1.14	1.00	Lawn	-	2.00	-	Total	2360	5.54	3.00
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24.	Proposed dust control measures during the construction phase	Water sprinkling on loose top soil, all the construction materials will be stored in covered structures/areas, cement bags will be separately stored under covered bales, sand will be stacked under tarpaulin cover, well planned internal roads etc.																								
25.	Eco friendly building material usage details.	Fly ash brick/AAC block, lead free paints, Aluminum windows and bagasse based particle board in doors etc.																								
26.	Basic amenities to be provided to construction workers.	Wash rooms, rest rooms, drinking water etc.																								

Table A

Sr. No.	Building Name	Number of floors	Building Height (m)	No. of staircases & lifts. width of staircases (m).
1	Hospital Building	G+ 7 floor	28.8	5 & 8. 2.0
2	College Building	G+4	28.8	3 & 3. 2.0
3	Dr. Male Hostel	G+6 (G floor parking)	18.0	1 & 2. 2.0
4	Dr. Female Hostel	G+6 (G floor parking)	18.0	1 & 2. 2.0

5	MBBS Hostel (Female)	G+11	33.0	1 & 2. 1.5
6	MBBS Hostel (Male)	G+11	33.0	1 & 2. 1.5
7	Animal House	G floor only	3.0	--
8	Nursing Hostel	G+9 (G floor parking)	27.0	1 & 2. 2.0
9	Mortuary	G floor only	3.0	--
10	Electrical Building	G floor only	4.5	--
11	Asst. Professors Quarter	G+6 (G floor parking)	21.0	1 & 2. 1.5
12	Professors Quarter	G+5 (G floor parking)	18.0	1 & 2. 1.5
13	Nursing Staff Quarter	G+9 (G floor parking)	27.0	1 & 2. 2.0
14	Non Teaching Staff Quarter	G+9 (G floor parking)	27.0	1 & 2. 2.0

During the meeting the project proponent was suggested make use of solar energy at the maximum extent possible. After detailed discussion, It was decided to consider the project only after submission of the following:

1. Project plan showing building wise, floor wise built up area, FSI area, floor area table and plot area statement.
2. STP sludge management plan.
3. Details on solar energy utilization for the proposed project.
4. Detailed Environment Management Plan with respect to various environmental attributes- Water (including sewage treatment & reuse by providing dual plumbing system), Air, Noise, Solid wastes including Hazardous Wastes, land etc. of the project both during construction and operation phase and strategy for its implementation with financial outlay.
5. Land possession documents showing ownership of the proposed project site by the applicant / project proponent.
6. Details with respect to category wise generation of the bio-medical waste along with basis / norms considered for quantification.
7. Comprehensive plan for segregation and collection of bio medical waste in different colour coded containers, safe handling, treatment, storage, segregation and disposal of bio-medical waste along with details of facilities to be provided for the same. Standard operating procedures for handling of bio-medical wastes.
8. Provisions to conduct training program followed by refresher trainings at regular intervals for hospital staff for segregation, treatment and disposal of bio-medical wastes etc.
9. Membership of common biomedical waste treatment facility, if any obtained.

The following project proponents did not remain present during the meeting.

1. Parimal Elegance, T.P.No. : 39 (NARODA-1), S.No. : 1157, 1158, 1159,1160, 1161,F.P. : 290, Naroda, Dist. : Ahmedabad.
2. Bhaveshbhai A. Buha, R.S.NO -196+196/1/1+196/1/2+197/1 +197/2/ 1,Moje – Kosamba, Tal. – Mangrol, Dist – Surat.
3. The Golden Palm City, Block No - 704, Hathuran, Tal. – Mangrol ,Dist – Surat.

It was decided to call them in one of the upcoming meetings of SEAC.

The committee took note to the letter dated 07/05/2016 received from Paryavaran Mitra stating that the building construction project, named Pushkar Hill at Ghodasar which was taken up in the SEAC meeting held on 04/05/2016, has initiated construction activity without obtaining prior Environmental Clearance.

The matter was discussed during the meeting and it was decided to verify the status of the project site through site visit by Gujarat Pollution Control Board.

The additional information received from the project proponents, which was sought during various SEAC meetings, were considered by the committee during the meeting and as it was found satisfactory, the committee decided to recommend the following projects for grant of environmental clearance.

Sr. No.	Name and address of the project.
1.	Residential & commercial building construction project proposed by V2 Realty, Survey No. 373, Moje: Chala, Tehsil: Vapi, District : Valsad.
2.	Residential building construction project Bipinbhai S. Patel, Block No:231/p+232/p+233/p+233/A+338/A, T.P.S No.503, Enasan, Daskroi, Ahmedabad
3.	Building construction project by Mr. Nirav N. Prajapati, S.No.470, 469/1, F.P.no.954, T.P.No.204, Sarkhej, Ahmedabad.
4.	Om Avenue, Revised survey no. 15/1/1, O.P.No.9, F.P. No.9/1, D.T.P.S.No.3, Sanand, Ahmedabad.
5.	M/s: Colospere Dyes & Intermediates, Plot No:508/1, GIDC Estse, Sachin, Choryasi, Surat
6.	M/s: Neelkanth Intermediates, Plot no:802/18315/1, GIDC-Sachin, Dist.: Surat.
7.	M/s: Mamta Tex Dyes (Samba)Pvt. Ltd., Plot No: 2109, 2110, GIDC Sarigam,Ta.: Umbergam, Dist.: Valsad.
8.	M/s: Firmenich Aromatics Production India Private Limited , Plot no. Z-10, Dahej SEZ, Ta. Vagra Dist. Bharuch.
9.	M/s: Texcore Technologies Pvt. Ltd., Plot no. 3092, Phase-III, GIDC, Chhatral, Ta- Kalol, Dist: Gandhinagar.

The following projects were also considered and discussed during the meeting.

1.	Jyoti Industries	Shed no. C-1B-3229 & 3230, New Chemical Zone, GIDC-Sarigam, Ta.: Umargam, Dist.: Valsad.	EC Amendment						
<ul style="list-style-type: none"> Environmental Clearance for the above proposal was issued on 21/08/2015 vide letter no. SEIAA/GUJ/EC/5(f)/3071/2015. Project proponent has submitted an application on 28/10/2015 & 18/05/2016 for correction in Address mentioned in the EC. Project proponent has mentioned that as per EC application, they have mentioned plot no. as “Shed no. C-1/B-3229 & 3230, New Chemical Zone, GIDC-Sarigam, Ta.: Umargam, Dist.: Valsad” whereas, in EC it is mentioned as “ Shed no. C-1/B - 3230, New Chemical Zone, GIDC-Sarigam, Ta.: Umargam, Dist.: Valsad ”. During the meeting, referring to the application made in Form I & EIA report, Committee noticed that typographical error has inadvertently been made. Committee noted that this case was transferred from MoEF&CC, New Delhi and in ToR issued by MoEF&CC vide letter no. J-11011/29/2014-IA.II(I) dated 11/08/2014 it was stated that “The proposed project activity will be carried out at plot no. 3229 in addition of existing plot no. 3230”. After deliberation, committee decided to recommend amendment in Environmental Clearance order issued on 21/08/2015 vide letter no. SEIAA/GUJ/EC/5(f)/3071/2015 to SEIAA for correction in the plot no. in address as “Shed no. C-1/B-3229 & 3230, New Chemical Zone, GIDC-Sarigam, Ta.: Umargam, Dist.: Valsad” in place of “Shed no. C-1/B- 3230, New Chemical Zone, GIDC-Sarigam, Ta.: Umargam, Dist.: Valsad ”. <p>In view of above, Committee unanimously decided to recommend amendment to SEIAA in Environmental Clearance vide order no. SEIAA/GUJ/EC/5(f)/3071/2015 dated 21/08/2015 as stated above.</p>									
2.	M/s: Gujarat Alkalies and Chemicals Limited	Survey no. 638-660, Vill. Ranoli, P.O. Petrochemicals, Tal. & Dist. Vadodara.	EC Amendment						
<ul style="list-style-type: none"> Environmental Clearance for the above proposal was issued on 30/11/2015 vide letter no. SEIAA/GUJ/EC/4(d) & 5(f)/4037/2015. Project proponent has submitted an application on 10/03/2016 for correction in Condition no. 13, 14 & 30 in the EC. Project proponent has mentioned that, they have received EC conditions no. 13, 14 & 30 as mentioned in column no. 2 below. However, there are corrections in respective EC conditions as requested by project proponent as per column no. 3 below: 									
<table border="1"> <thead> <tr> <th data-bbox="252 1839 416 1989">EC Condition no.</th> <th data-bbox="416 1839 924 1989">Details as per EC Condition</th> <th data-bbox="924 1839 1342 1989">Correction requested by Project proponent</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				EC Condition no.	Details as per EC Condition	Correction requested by Project proponent			
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13	Unit shall discontinue existing 3 Boilers and to install one new boiler of 30 MT for its proposed activities, where natural gas shall be used as fuel.	After proposed expansion out of total 5 boilers (Including 1 new boiler), 3 shall be stand by and 2 shall be running. DG set details is also not mentioned.
14	Natural gas to the tune of 2395 SCM/day shall be a used as a fuel for Boilers.	Natural gas consumption shall be 1888 SCM/hr. (For new 30 Ton Boiler) + 595 SCM/Hr. (Existing Boiler) = 2483 SCM/hr.
30	Salt Washery & Brine Purification Sludge, ETP Sludge, Incineration Ash, Used Heating Salt shall be disposed in the company's own TSDF.	Used heating salt shall be sold to authorised party or disposed at own landfill site.

- During SEAC meeting, referring to the EIA report, Committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance order issued on 30/11/2015 vide letter no. SEIAA/GUJ/EC/4(d) & 5(f)/4037/2015 to SEIAA for correction in the condition no. 13,14 & 30 and these conditions shall be now read as below:

EC Condition no.	Details as per EC Condition
13	After proposed expansion, out of total 5 Boilers (Including new 30 TPH Boiler), 3 Boilers (GT 3243, GT-4678 & GT 2741) shall be kept as stand-by and two boilers shall be running. Existing 3 DG sets (625 KVA each) shall be used as a stand-by facility.
14	Natural gas to the tune of 2483 SCM/day shall be used as a fuel for two Boilers (Existing GT 5396 & Proposed 30 TPH).
30	Used heating salt shall be sold to authorised recyclers or disposed at own landfill site. Salt Washery & Brine Purification Sludge, ETP Sludge and Incineration Ash shall be disposed at their own TSDF.

In view of above, Committee unanimously decided to recommend amendment to SEIAA in Environmental Clearance vide order no. SEIAA/GUJ/EC/4(d) & 5(f)/4037/2015 dated 30/11/2016 as stated above.

3.	Thermax Ltd.	Plot no:Z/96/C, Dahej SEZ, Phase-II, Ta.: Vagra, Dist.: Bharuch.	EC Amendment
<ul style="list-style-type: none"> • Environmental Clearance for the above proposal was issued on 24/02/2016 vide letter no. SEIAA/GUJ/EC/5(f)/163/2016. Project proponent has submitted an application on 17/03/2016 for correction in Condition no. A-3 AIR in the EC. • Project proponent has mentioned that in EC application, they have mentioned that “Natural gas (2760 SCM/day) or HSD (2400 Kg/day) shall be used for 2 Chillers (Cap. 300 TR each)” whereas in EC, it is missing. • During SEAC meeting, referring to the EIA report, Committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance order issued on 24/02/2016 vide letter no. SEIAA/GUJ/EC/5(f)/163/2016 to SEIAA for correction in the condition no. 20 as below: • Condition no. 20: HSD to the tune of 7680 Kg/day shall be used for 4 no.s of DG sets (Cap. 500 KVA each). Natural gas (2760 SCM/day) or HSD (2400 Kg/day) shall be used for 2 Chillers (Cap. 300 TR each). <p>In view of above, Committee unanimously decided to recommend amendment to SEIAA in Environmental Clearance vide order no. SEIAA/GUJ/EC/5(f)/163/2016 dated 24/02/2016 as stated above.</p>			
4.	M/s: Tatva Chintan Pharma Chem Pvt. Ltd.,	Plot no:Z/103/F/1, Dahej SEZ-II, Area, Dahej, Ta:Vagra, Dist.: Bharuch	Refer back Proposal
<p>M/s: Tatva Chintan Pharma Chem Pvt. Ltd., was accorded Environmental Clearance vide letter no. SEIAA/GUJ/EC/5(f)/195/2013 dated 22/07/2013. Environmental Clearance was granted for Specialty Chemical manufacturing unit. Environmental Clearance was granted with a condition to use Natural gas – 3000 SCM/day or LDO - @ 4 MT/day shall be used as a fuel in the proposed Boiler.</p> <p>The project proponent vide their letter dated 11/05/2015 requested for amendment in Environmental Clearance order dated 22/07/2013 with respect to the change in fuel from natural gas or LDO to Imported Coal for the proposed Steam Boiler.</p> <p>This proposal was recommended to SEIAA, Gujarat for grant of Environmental clearance vide dated 13/04/2016. The case was referred back by the SEIAA vide their letter no. SEIAA/GUJ/EC/5(f)/300/2016 dated 25/04/2016 for reconsideration to the SEAC based on the discussion in the SEIAA meetings held on 16/01/2016 with the following point: (1) To verify the details of additional water consumption, waste water generation its treatment and disposal.</p> <p>Project proponent vide their letter dated 04/05/2016, submitted the reply as below:</p> <p>Now, they intend to change only fuel as coal/agro waste for their boiler. Total water consumption is 116.0 KL/Day and wastewater generation is 60.2 KL/Day. Now, Scrubber will be installed as APCM. Water (200 Lit./day) will be used in scrubber. Wastewater generation quantity will be 200 Liter/Day which will be evaporated in their own MEE (30 KL/day). Treatment & Disposal facility will be as per existing scenario. Details of Treatment & Disposal facility is given below: 26.0 m³/day of waste water (Concentrated</p>			

effluent) is collected in Collection Tanks. The effluent is pumped to equalization cum Neutralization Tank, where the continuous addition and stirring of lime is done to maintain the pH of wastewater. Then after, neutralized wastewater sent to Flash Mixer (FM) by gravity. Alum shall be dosed from Alum Dosing Tank (ADT) and Polyelectrolyte shall be added from Polyelectrolyte Dosing Tank (PEDT) into FM to carry out coagulation by using a Flash Mixer mechanism. Effluent from Flash Mixer is sent to Primary Clarifier (PCL) where the suspended solids are allowed to settle down. Then after, effluent is treated in aeration tank and then goes to Secondary Clarifier (SCL) where the suspended solids are allowed to settle down. After achieving GPCB norm it is pumped to GIDC Drain. 26.2 m³/day (existing 26 m³ + 0.2 m³) of waste water from Boiler blow down, cooling tower blow down and scrubber will be treated in MEE Unit. MEE salt will be disposed at TSDF site and condensate water will be reused in scrubber. 8 m³/day domestic wastewater will be treated in septic tank & soak pit.

The said reply was considered by the committee in the meeting of the SEAC held on 25/05/2016. During the meeting, committee noted that PP has submitted reply of point raised by SEIAA. Committee noted that additional waste water will be subjected to existing MEE and condensate will be reuse in scrubbing system. The committee was satisfied with the clarification given by the project proponent and decided to forward the proposal to SEIAA for the grant of environment clearance by replacing the Condition no. 1, 2 and 4 of Environmental Clearance vide letter no. SEIAA/GUJ/EC/5(f)/195/2013 dated 22/07/2013 as below and with rest of conditions same as prescribed earlier in the recommendation letter dated 13/04/2016:

Condition no. 1

“No ground water shall be used for the project. Total water requirement shall not exceed 116.2 KL/day for the proposed production and it shall be met by water supply system of the Dahej SEZ. Unit shall obtain necessary permission for withdrawal of fresh water from the concern Authority.”

Condition no. 2

“The industrial effluent generation shall not exceed 52.2 KL/day whereas domestic wastewater generation shall not exceed 8 KL/day after the proposed production.”

Condition no. 4

“Waste water from boiler blowdown-3 KL/day, cooling tower blow down-3 KL/day and scrubber-20.2 KL/day shall be completely evaporated with the help of Multiple Effect Evaporator [MEE]. Condensate from MEE shall be reused in scrubber.”

5.	Roxul Rockwool Insulation India Pvt. Limited.	Plot no. Z/4, Dahej-SEZ, Ta.: Vagra, Dist:Bharuch	Refer back Proposal
<p>Roxul Rockwool Insulation India Pvt. Limited (herein after Project Proponent – PP) applied for EC for expansion of product from existing 30,000 MTPA to 72,000 MTPA within the existing premises of 94,162.82 m² on 05/10/2013.</p> <p>Accordingly, proposal was appraised in the SEAC meeting held on 23/03/2016 and it was recommended to SEIAA for grant of EC on 04/05/2016 vide letter NO:EIA-10-2016-2289/1129.</p> <p>Proposal was scheduled in SEIAA meeting held on 07/05/2016 and was referred back to SEAC vide letter No: SEIAA/GUJ/EC/3(a)/337/2016 dated 20 May 2016 to verify the applicability of Public Hearing as per OM of MOEF&CC No: J-11013/36/2014-IA-I dated 04/04/2016.</p> <p>The case was taken up in the SEAC meeting held on 25/05/2016. During meeting, committee studied the case and resolved as under:</p>			

1. Project proponent applied in Form I on 05/10/2013.
2. First hearing of the case was made on 19/07/2014.
3. TOR issued on 25/08/2014.
4. Final EIA was submitted by the project proponent on 05/03/2016.
5. Appraisal of the proposal was made on 23/03/2016 and it was unanimously decided to recommend the project for grant of EC to SEIAA.

Further, committee mentioned that there was no existence of OM No: J-11013/36/2014-IA-I dated 04/04/2016 published by MoEF&CC when decision was taken to recommend the project for grant of EC to SEIAA. Therefore, committee resolves that environmental clearance may be granted as per the recommendation dated 04/05/2016 vide letter NO:EIA-10-2016-2289/1129.

6.	Kanaiya Industries (Hadmatiya Bauxite Mine),	S NO: 121/P, (Area: 24 Ha), Village: Hadmatiya, Ta: Kalyanpur, Dist: Jamnagar.	Refer back Proposal
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Final EIA report of "Kanaiya Industries, (Hadmatiya Bauxite Mine), lease Area: 25.1412 Ha, S NO: 121/P, Vill: Hadmatiya, Ta: Kalyanpur, Dist: Jamnagar. was submitted by the project proponent on 24/02/2015 and accordingly project was appraised in the SEAC meeting held on 27-05-2015, 09/03/2016 and 13/04/2016. Accordingly, Proposal was recommended to SEIAA for grant of EC vide letter No: EIA-10-2008-M-342/1118 dated 04/05/2016.

During meeting of SEIAA held on 07/05/2016, proposal for EC was referred back to SEAC vide letter No: SEIAA/GUJ/EC/1(a)/332/2016 dated 20 May 2016 to verify the status of operation of mining in last three years.

After going through letter of SEIAA, committee unanimously decided to ask concerned RO, GPCB to submit the status of operation of mining in last three years within 15 days. Upon submission of the detailed inspection report, committee decided to consider the case for further decision.

Total 18 project proposals (Industrial sector) were identified regarding additional information sought from the project proponent and the said information was not submitted within stipulated time. All such project proponents were again informed to submit the additional information pertaining to their project within 30 days and informed that failing to submission of the said information, their projects would be delisted from the pending application list of EC at SEAC. After this intimation, PP mentioned below could not submit the said details and hence committee unanimously decided to delist the EC proposals and asked PP to reapply afresh through online portal.

Sr. no.	Project Name
1	M/s: Rajal Laminate Pvt. Ltd.
2	M/s: Paras Enterprise
3	M/s: Sai Chemical Industries
4	M/s: Royal Silica Pvt. Ltd.
5	M/s: Lift & Shift India Pvt. Ltd.
6	M/s: Chaitanya Life Science P. Ltd.
7	M/s: Rageshwari Textile Pvt. Ltd.

8	M/s: Coalore Minechem Pvt. Ltd.	
9	M/s: Perfect Resins & Polymers	
10	M/s: Gailee Speciality Ingredients Pvt. Ltd.	
11	M/s: Care Foam Industries	
12	M/s: Maruti Pharmachem	
13	M/s: Panara Laminate Pvt. Ltd.	
14	M/s: Ever Shine Décor P. Pvt. Ltd.	
15	M/s: Viro Chemicals Pvt. Ltd.	
16	M/s: Bhole Intermediates	
17	M/s: Chiripal Industries Ltd	
18	M/s: Levin Décor LLP	

The following proposals were de-listed as per the letters received from the Project proponents.

1	Garden Silk Mills Ltd, Kadodara, Surat.	
2	PAB Organics Pvt. Ltd, Nandesari, Vadodara.	
3	Parista Laminates, Jagudan, Mehsana	
4	Polymer Industries	
5	Megafine Speciality Chemicals Pvt. Ltd., SEZ sterling, Bharuch	
6	Gujarat Polyfilms Pvt. Ltd., Palsana, Surat.	
7	Shree Arihant Dye chem., Sachin, Surat.	

Remained absent and de-listed.

Sr. no.	Name of the Project	Address
1	Phal-Jig Fine Chemicals Pvt. Ltd.	Plot No:808,GIDC-Chitra, Bhavnagar
2	Jai Swaminarayan Company	Plot No:7,GIDC Nagor, Ta: Bhuj,Dist:Kutch
3	Urmila Project Services (Ardeshir B. Cursetjee & Sons Ltd)	Urmila Project Services (Ardeshir B. Cursetjee & Sons Ltd) Dahej, Vagra, Bharuch
4	Jai Swaminarayan Company	Plot No:7,GIDC Nagor, Bhuj, Kutch
5	Hemani Intermediates Pvt. LTd.	Plot No:E-362, Dahej-1, Dahej Industrial area, Vagra, Bharuch

6	Terram Geosynthetics P. Ltd.	Mr. Ashokkumar D. Patel U-130, Upendra Park, Someshwar Part-III, Sola Road, Ghatlodiya, Ahmedabad
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Total 33 project proposals (Mining sector) were identified regarding additional information sought from the project proponent and the said information was not submitted within stipulated time. All such project proponents were again informed to submit the additional information pertaining to their project within 30 days and informed that failing to submission of the said information, their projects would be delisted from the pending application list of EC at SEAC. After this intimation, PP mentioned below could not submit the said details and hence committee unanimously decided to delist the EC proposals and asked PP to reapply afresh through online portal.

Sr NO	Name	Address
1	Habardi Bauxite Mine	S.N.202, VILL: Habardi, Kalyanpur, Jamnagar
2	Khakarda Bauxite Mine	S.N.768/1, VILL: Khakarda, Kalyanpur, Jamnagar
3	Dhirajlal Panchhanbhai Vachhani	S.No.49 P, Unadari, Una, Gir Somnath
4	Khira Jusab Abbas	S.No.160 P1, Rakka, Lalpur, Jamnagar
5	Mehbub Abbas Khira	S.No 160/P Rakka, Lalpur, Jamnagar
6	Janakkumar Kanlilal Sadhu (01-00-00 ha)	S.No.328/1, Govt, Taiyabpura, Kapadvanj, Kheda
7	Shri Janakkumar Kantilal Sadhu	S.No.328/P, Taiyabpura, Kapadvanj Kheda
8	Shri Janakkumar Kantilal Sadhu(07-83-00 Ha)	S.No.: 100,328/P, Taiyabpura, Kapadvanj Kheda
9	Gopal Sawa Dangar	S.No.682p, Nadapa, Bhuj, kutch.
10	Karman Karshan Dhila	S.No.613p, Dagala, Bhuj, Kutch
11	Laxmanbhai Ranabhai Dangar	S.No.682p, Nadapa, Bhuj, kutch.
12	Amrapali China Clay Mining &	S.No.682p, Nadapa, Bhuj, kutch.
13	Bhura Aala Varchand	S.No.745/p, Dagala, Bhuj, Kutch
14	Gangaram v thakkar, Tr. Hemaben G. Takkar	S.No.771 P, Adesar, Rapar, Kutch
15	Gangaram v thakkar, Tr. Hemaben G. Takkar	S.N.160 P, Fangli Santalpur, Patan
16	Shankarlal G. Takkar, Tr. Jitendrakumar S. Thakkar	S.N.1519P, Fategadh, Rapar, Kutch
17	Kunvarji G. Thakkar	S.N.745 P, Dagala, Bhuj, Kutch
18	Shankarlal G. Takkar, Tr. Jitendrakumar S. Thakkar, 35.60 Ha	S.N.1519P, Fategadh, Rapar, Kutch
19	Sharadkumar G. Thakkar	S.N.745 P, Dagala, Bhuj, Kutch

20	VagheshWari Mines & Minerals	S.N.49 P, Lunva, Bhachau, Kutch
21	Jayeshkumar S. Jobanputra	S.N.745 P, Dagala, Bhuj, Kutch
22	Jitendrakumar S. Jobanputra	S.N.1519P, Fategadh, Rapar, Kutch
23	Sanjaykumar K. Thakkar	S.N.745 P, Dagala, Bhuj, Kutch
24	Shankarlal G. Takkar, Tr. Jitendrakumar S. Thakkar	S.N.82/1 P, Vijapur, Rapar, Kutch
25	Paddhar White Clay Mine	S.No. 741P, Paddhar, Bhuj, Kutch.
26	Kherali Lime stone	Sr.N4 9 Kherali,
27	Gayatri Minerals	S.No.160/1 P, Rakka, Lalpur, Jamnagar
28	Bibber White Clay Mine	S.No.821, Bibber, Nakhatrana, Kutch
29	Kunariya White Clay Mine	S.No.399, Kunaria, Bhuj, Kutch
30	Kotda-Jadodar White Clay Mine	S.No.641, Kotda-Jadodar, Nakhatrana, Kutch
31	Mokhana White Clay & Silica Sand Mine	S.No.487, Mokhana, Bhuj, Kutch
32	Rajendra P. Trivedi	S.No.160/1 P, Rakka, Lalpur, Jamnagar
33	Shri Indulal C Vora	S. No. 271/P, Govt. Waste land, Palakhada, Porbandar.

Meeting ended with thanks to the Chair and the Members.

Minutes approved by:

1.	Shri T. P. Singh, Chairman, SEAC	
2.	Shri V. C. Soni, Vice Chairman, SEAC	
3.	Shri R. J. Shah, Member, SEAC	
4.	Shri V.N. Patel, Member, SEAC	
5.	Shri Rajesh I Shah, SEAC	