

### **Minutes of 428<sup>th</sup> SEAC Meeting Dated 24/10/2019**

The 428<sup>th</sup> meeting of SEAC was held in Directorate of Environment, U.P. on 24/10/2019 following members were present in the SEAC:

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|-----|----------------------------|----------|
| 1.  | Dr. (Prof.) S.N. Singh,    | Chairman |
| 2.  | Dr. Arvind Mathur,         | Member   |
| 3.  | Dr. Virendra Misra,        | Member   |
| 4.  | Dr. Pramod Kumar Mishra,   | Member   |
| 5.  | Dr. Richhpal Singh Sangu,  | Member   |
| 6.  | Dr. Ranjeet Kumar Dalela,  | Member   |
| 7.  | Shri Ramesh Chand Kataria, | Member   |
| 8.  | Prof. S.K. Upadhyay,       | Member-  |
| 9.  | Dr. Ajoy Kumar Mandal,     | Member   |
| 10. | Shri Meraj Uddin,          | Member   |
| 11. | Shri Rajive Kumar,         | Member   |

The Chairman welcomed the members to the 428<sup>th</sup> SEAC meeting.

The SEAC unanimously took following decisions on the agenda points discussed:

**1. Revision and Expansion of "Sharda Institutional Area" including 1200 bedded at Plot No.-32 and 34, Knowledge Park- III, Greater Noida, District-Gautam Budh Nagar, U.P., M/s Sharda Education Trust. File No. 5081/4868/Proposal No. SIA/UP/MIS/42222/2019**

A presentation was made by the project proponent along with their consultant M/s Aplinka Solutions & Technologies Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Revision and Expansion of "Sharda Institutional Area" including 1200 bedded at Plot No.-32 and 34, Knowledge Park- III, Greater Noida, District-Gautam Budh Nagar, U.P., M/s Sharda Education Trust.
2. Environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 1090/SEAC/308/2009/AD(H) dated 09th July 2010.
3. The terms of reference in the matter were issued by SEIAA, U.P. vide letter dated 29/08/2019.
4. Comparative details of existing and expansion proposal:

S. No.	Particular	Requirement as per previous EC	Revision	Proposed requirement for Expansion	Total
1.	Total Plot area	253964.68 m <sup>2</sup>			
2.	Total Built up area	317356.56 m <sup>2</sup>	0	156577.54 m <sup>2</sup>	473934.096 m <sup>2</sup>
3.	Landscape area	106963.45 m <sup>2</sup>	11130.04 m <sup>2</sup>	0	95833.41 m <sup>2</sup>
4.	Total water requirement	1416 KLD	160 KLD	989 KLD	2245 KLD
5.	Fresh Water	698 KLD	0	514 KLD	1212 KLD
6.	Waste water generation	1097 KLD	0	742 KLD	1839 KLD
7.	STP capacity	1200 (400 KLD +	0	1200	2400

		800 KLD)			
8.	ETP Capacity	30 KLD	0	20 KLD	50 KLD
9.	Total Power requirement	8800 kVA			
10.	Total Power Backup	3250 kVA (1x 500 kVA + 1 x 1000 kVA + 1 x 750 kVA)			
11.	Total Solid waste generated	6087 kg/day	5 kg/day	3785 kg/day	9867 kg/day
12.	Biomedical waste	450 kg/day	0	450 kg/day	900 kg/day
13.	No. of RWH pits for storm water Management	27 pits			
14.	Parking details	4354 Cars, 298 Bus, 212 Ambulance			

**5. Proposed facility of the project:**

S. N.	Particulars	Facilities
1	Infrastructure Facilities	Nursing college
2		Medical College
3		Academic Block
4		Staff Quarters(Residential)
5		Hospital +Hostel
6		Academic+ Administrative
7		Basement Area
8	Total water demand	2245 KLD
9	Sewage treatment plant/ Effluent Treatment plant	STP 2400 KLD ETP 50 KLD
10	Rain Water Pits	27 in number
11	Parking	4354 ECS for car parking, 212 ambulance and 298 buses
12	Green area	95,833.41 m <sup>2</sup> (i.e. 50.41% of the open area)

**6. Water calculation details of the project:**

S. No.	Particular	Requirement as per previous EC (in KLD)	Revision (in KLD)	Proposed requirement for Expansion of the project (in KLD)	Total Requirement (in KLD)
1.	Total water Demand	1416	160	989	2245
2.	Fresh water Demand	698	0	514	1212
3.	Treated water	718	160	475	1033
4.	Wastewater	1097	0	742	1839
5.	STP Capacity	1200 (400 + 800)	0	1200	2400
6.	ETP capacity	30	0	20	50

**7. Waste generation details:**

S. No.	Type of Waste	Quantity of Waste in Kg /Day
1	Total Municipal Waste	9867
2	Bio-degradable Waste (@60 % of the domestic waste)	5920.20
3	Recyclable Waste (@30% of the domestic waste)	2960.10
4	Inert Waste (@10 % of the domestic waste)	986.70

**8. Parking details:**

S. No.	Parking	No. of Car	No. of Bus	No. Of ambulance
1	Open area	1,847	298	212
2	basement	1007	....	....
3	Multilevel Parking	1,500	...	....
Total		4354	298	212

**9. The project proposal falls under category-8(b) of EIA Notification, 2006 (as amended).**

**RESOLUTION AGAINST AGENDA NO-01**

**The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:**

1. A committee constituted by Chairman, SEAC will visit Sharda Institutional Area within next 03 months to ascertain the compliance of EC.
2. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
3. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
4. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
5. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
6. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
7. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
8. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
9. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
10. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
11. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
12. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
13. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
14. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
15. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
16. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
17. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
18. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
19. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.

20. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
21. Corporate Environmental Responsibility (CER) (Rs. 1.92 Cr.) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
22. No parking shall be allowed outside the project boundary.
23. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
24. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
25. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
26. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
27. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
28. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
29. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
30. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
31. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
32. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
33. All the internal drains are to be covered till the disposal point.
34. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
35. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.
36. 05 electric tricycles for handicapped students from CER fund should be provided.

**2. Expansion of "Omaxe Integrated Township" at Village-Sarsawan, Sultanpur Road, Lucknow., M/s OMAX Ltd. File No. 5082/4602/Proposal No. SIA/UP/MIS/41817/2018**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Expansion of "Omaxe Integrated Township" at Gata No. 148, 151 ,153 ,154 ,155 ,158 ,159 ,160 ,400 ,401 ,402 ,403,404 ,405 ,408,409,410 ,411 , 412,413,414, 415,416,417, 418 ,419,420,434,435,436P,438 439,440,441,442,444,445,448,449 450, 451, 457, 458, 462, 463, 464, 465, 466 ,467, 468, 469, 470, 472, 473, 474, 475, 476 ,477, 478,479, 480, 481,482, 483, 484, 487, 488 ,489, 490 ,491, 518, 519, 520P, 529P ,533P,534, 535 , 537 ,538, 544 ,545 ,546, 556, 686, 687, 688, 689, 690, 152,157,399,406, 4211, 443, 446, 447, 452, 459, 472/1137, 486, 4971, 514, 515, 517, 547, 548, 554, 555, 685, 6861 ,6871, 6881, 6891, 6901, Village-Sarsawan, Sultanpur Road, Lucknow, M/s Omax Ltd.
2. Environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 666/Parya/SEAC/1067/2013/AD(s) dated 23<sup>rd</sup> June, 2013 for the Plot area of 4,92,753.33 sqm built-up area 5,04,366.6 sqm.
3. The terms of reference in the matter were issued by SEIAA, U.P. vide letter no. 16/Parya/SEAC/4602/2018 dated 03rd May, 2019.
4. Comparative details of the earlier and expansion proposal:

S.No.	Particulars	As per EC	Revised proposal	Difference
1	Plot area	121.762 acre (49.27 Ha)	105.88 acre (42.85 Ha)	-15.88 acre (6.42 Ha)
2	Built-up area	5,04,366.6	7,87,502	+28313.54
3	Green Area	16.15 acre	15.59 acre	-0.56 acre
4	Total Water requirement	2.34 MLD	5.71 MLD	+3.37 MLD
5	Fresh Water requirement	1.74 MLD	3.45 MLD	+1.71 MLD
6	Wastewater generation	2.17 MLD	4.77 MLD	+2.6
7	STP Capacity	2.6 MLD	5.75 MLD	+3.15
8	Power Load	10.0 MW	28.66 MW	+18.66
9	DG sets	3000 KVA	24311 KVA	+21311
10	Solid waste	22.18 TPD	24.30 TPD	+2.12
11	Rain Water Harvesting Pits	40 Pits	42 Pits	+2
12	Parking provision	4711 ECS	10132 ECS	+5421

5. Population details:

POPULATION DETAILS		
S. No	Description	Population
1	Group Housing	29080
2	EWS & LIG	7270
3	Miscellaneous	12434
	Total	48784

6. Water requirement details:

WATER DETAILS					
Details	Fresh Water Norms	Fresh Water Requirement	Flushing Water Norms	Flushing Water Requirement	Total (KLD)
Group Housing	90 lpcd	2617.2 KLD	45 lpcd	1308.6 KLD	3925.8
EWS & LIG	90 lpcd	654.3 KLD	45 lpcd	327.15 KLD	981.45
Miscellaneous	15 lpcd	186.51 KLD	30 lpcd	373.02 KLD	559.53
Total		3458.01 KLD		2258.77 KLD	5716.78
<ul style="list-style-type: none"> <li>➤ Estimated Sewage Generation: 4775 KLD</li> <li>➤ Waste water generated will be treated in on-site STP.</li> <li>➤ Proposed treatment methodology : MBBR</li> <li>➤ Proposed STP (Capacity): 5750 KLD</li> </ul>					

7. Waste generation details:

CATEGORY OF WASTE	QUANTITY	UNIT
Total Waste Generation	24.30	MTPD
Organic Waste Generation	14.18	MTPD

Recyclable waste	10.12	MTPD
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8. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-02**

**The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:**

1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.
3. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
12. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
13. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
14. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
15. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
16. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
17. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.

18. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
19. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
20. Corporate Environmental Responsibility (CER) (Rs. 1.92 Cr.) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
28. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
29. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
30. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
31. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
32. All the internal drains are to be covered till the disposal point.
33. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
34. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

**3. Capacity Expansion from 9000 TCD Sugar Mill along with 40 MW Cogeneration Power Plant to 15,000 TCD unit along with 60 MW Cogeneration Power Plant at Khasra No.- 3, 247, 347, Vill.-Rajpuri, Gunnaur, Sambhal, M/s Dhampur Sugar Mills Ltd. File No. 5084/3992/Proposal No. SIA/UP/IND2/43079/2018**

A presentation was made by the project proponent along with their consultant M/s Vardan. The committee discussed the matter and directed the project proponent to submit following information:

1. Wet scrubber/multi cyclone should be installed.
2. Non compliance of earlier EC should be complied.
3. Action plan for green belt should be submitted.
4. In the public hearing they have committed that treated effluent confirming to the standard will be utilized for green belt and irrigation purpose.
5. Agreement made with farmer should be submitted..
6. Structure of environmental management cell should be submitted.
7. Impact of biological environment and ecological balance should be properly analyze with mitigation measures should be provided.
8. Separate lagoon to be constructed.
9. EMP should be revised.

The matter shall be discussed after submission of online information on prescribed portal.

**4. Group Housing (PMAY) "Migsun Atharva- Phase-II" at Khasra No.-31, Village- Morta, Ghaziabad, U.P., M/s Mahaluxmi Buildtech Ltd. File No. 4997/Proposal No. SIA/UP/MIS/114761/2019**

**RESOLUTION AGAINST AGENDA NO-04**

The project proponent requested to defer the matter in upcoming SEAC meeting due to incomplete documents. The committee discussed the matter and directed to defer the matter as request made by the project proponent. The matter will be discussed only after submission of online information on prescribed portal.

**5. "EWS Under Pradhan Mantri Yojna & Multistoried (LIG and MIG) Flats under composity housing scheme at Gata No.-2830, 2832, 2832, 2835, 2838, 2840, 2841, 2842, 2843, 2844, Village- Para, District- Lucknow, U.P. Chief Engineer, Nagar Nigam, Lucknow, U.P. File No. 5049/Proposal No. SIA/UP/MIS/ 118020/2019**

A presentation was made by the project proponent along with their consultant M/s Sawen Consultancy Services Pvt. Ltd. The committee discussed the matter and directed the project proponent to submit following information:

1. No. of tubewells in not clarified in the report.
2. Latest site photographs with imaginary should be submitted.
3. Coordinates of the project site should be given in KML file.
4. Total grey water generated and STP capacity are mismatch.
5. Unit of SO<sub>2</sub>, NO<sub>x</sub> CO<sub>2</sub> & PM<sub>10</sub> should be mentioned.
6. Air, water study including mixing height, stability condition is to be provided.
7. Soil and water quality parameter should be rechecked.
8. Water balance diagram needs to be revised.

The matter shall be discussed after submission of online information on prescribed portal.



6. **Proposed 100 KLPD (60 klpd Molasses and 40 KLPD Grain) Multifeed Distillery at Gata No.-135,139, 140, 141, 142, 143, 145, 153, 154, 155, 156, 157, 1, Village- Aurangabad, Tehsil- Nawabganj, District-Bareilly., M/s Oswal Overseas Ltd. File No. 5053/Proposal No. SIA/UP/IND2/ 42553/2019**

**RESOLUTION AGAINST AGENDA NO-06**

The project proponent through letter dated 24/10/2019 requested to defer the matter in next SEAC meeting. The committee discussed request made by the project proponent and directed to list the matter in next SEAC meeting

7. **Group Housing Project "Uninav Bliss"at Khasra No.-1085, 1089, 1091 & 1091/1, Village- Noor Nagar, Ghaziabad., M/s Uninav Developers Pvt. Ltd. File No. 5058/Proposal No. SIA/UP/MIS/ 116089/2019**

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Group Housing Project "Uninav Bliss"at Khasra No.-1085, 1089, 1091 & 1091/1, Village- Noor Nagar, Ghaziabad., M/s Uninav Developers Pvt. Ltd.
2. Salient features of the project:

PROJECT FEATURES	DESCRIPTION
Estimated Population	1405 Nos. (1050 Residents, 105 Staff , 125 Community & Floating Population, Commercial Area: 125 Staff)
Estimated Water Requirement	300 ML (Source: Private Water Tanker)
Construction Phase	102 KLD (Source: Borewell)
Operation Phase	
Estimated Wastewater Generation	86 KLD STP Capacity : 100 KLD
Power Demand	770 KVA
Power Back-up	425 KVA (i.e. 1 x 300 & 1 x 125 KVA)
Source of Power	Uttar Pradesh Power Corporation Limited (UPCL).
Solid Waste Generation	603 kg/day
Parking Facilities	As per MoEF norms: 271 ECS
Required	As per GDA Bye Laws : 289 ECS
Proposed	289 ECS
RWH pits	04 nos.
Project Cost	Rs. 96 Crores

3. Area details of the project:

S. No.	Particulars	Area (in m <sup>2</sup> )
1.	Total Plot Area	15416.84
2.	Permissible Ground Coverage (@ 40% of TPA)	6166.73
3.	Proposed Ground Coverage (@ 36.59 % of TPA)	5641.70
4.	Permissible FAR (@ 2.5 of TPA)	38542.10
5.	Permissible Commercial Area (1% of FAR)	385.42
6.	Proposed FAR (@ 1.76 of TPA)	27174.44
A	➤ Proposed FAR of Residential Towers	25890.81
B	➤ Proposed FAR of Commercial area	376.05
C	➤ Proposed FAR of Club area	907.58
7.	Proposed Non Far Area (5%)	1446.76
8.	Total Basement Area	11116.35
9.	Total Landscape Area	1541.68

10.	Total Built-up Area	39737.55
11.	Height of the tallest tower (in m)	14.995

4. Water requirement details:

S. No.	Description	Area (in m <sup>2</sup> )	Total Occupancy	Rate of water demand (lpcd)	Total Water Requirement (KLD)
A.	Domestic Water				
1.	Apartments		1050	86	90.3
2.	Floating Population/Visitors		105	15	1.575
3.	Staff		105	30	3.15
4.	Commercial/ Shopping Staff		125	30	3.75
5.	Community Staff		20	30	0.60
Sub Total (1+2+3+4)					99.375 or say 100 KLD
Total Domestic water (A)					100 KLD
B.	Horticulture and Landscape development	1541.68		1 l/sqm	1.54 or say 2 KLD
Grand Total (A+B) = 102 KLD					

5. Solid waste generation details:

S. No.	Category	kg per capita per day	Waste generated (kg/day)
1.	Residents	1050 @ 0.5 kg/day	525.00
2.	Staff	105 @ 0.25 kg/day	26.25
3.	Commercial/shopping Staff	125 @ 0.25 kg/day	31.25
4.	Community Staff	20 @ 0.25 kg/day	5.00
3.	Floating population/Visitors	105 @ 0.15 kg/day	15.75
4.	Landscape waste	0.38acre @ 0.2 kg/acre/day	0.076
TOTAL SOLID WASTE GENERATED			603.32 or 603 kg/day

6. The project proposal falls under category-8(b) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-07**

**The committee discussed the matter and recommended to grant the environmental clearance for the above project proposal along with general conditions as earlier prescribed by authority for construction project and following specific conditions:**

1. Solar energy to be used alternatives on the road and common places for illumination to save conventional energy as per ECBC Code.
2. The project proponent shall submit within the next 3 month the data of ground water quality including fluoride parameter to the limit of minimum deduction level for all six monitoring stations.

3. 15% area of the total plot area shall be compulsorily made available for the green area development including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of local district Forest Officer.
4. The waste water generated should be treated properly in scientific manner i.e. domestic waste water to be treated in STP and effluent such as RO rejects with high TDS and other chemical bearing effluent shall be treated separately.
5. Permission from local authority should be taken regarding discharge of excess water into the sewer line.
6. The height, Construction built up area of proposed construction shall be in accordance with the existing FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before according commencement certificate to proposed work. Plan approving authority should also ensure the zoning permissibility for the proposed project as per the approved development plan of the area.
7. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
8. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
9. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
10. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
11. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
12. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
13. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I species in the study area).
14. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
15. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
16. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
17. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as cylinder for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche and First Aid Room etc.
18. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
19. The solid waste generated should be properly collected and segregated. Dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.
20. Corporate Environmental Responsibility (CER) (Rs. 1.92 Cr.) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution of board of directors shall be submitted to the authority. A list of beneficiaries with their mobile nos./address should be submitted along with six monthly compliance reports.
21. No parking shall be allowed outside the project boundary.
22. Digging of basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with District Administration/Mining Department. All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the

- project site. Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
23. Surface rain water has to be collected in kacchha pond for ground water recharging and irrigation of horticulture and peripheral plantation.
  24. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipments etc. as per National Building Code including measures from lighting.
  25. Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed off taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
  26. The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
  27. Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
  28. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for residential area and pollution also reduced. The open spaces inside the plot should be landscaped and covered with grass and shrubs. Green area Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
  29. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
  30. Pavements shall be so constructed as to allow infiltration of surface run-off of rain water. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
  31. Roof top water in rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that waste water and storm water do not get mixed.
  32. All the internal drains are to be covered till the disposal point.
  33. This environmental clearance is issued subject to land use verification. Local authority / planning authority should ensure this with respect to Rules, Regulations, Notifications, Government Resolutions, Circulars, etc. issued if any.
  34. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

**8. Bennett University is a part of the "Times of India Group" at Plot No.-8, 9, 10 and 11 of Sector Techzone- II, Greater Noida, District-Gautam Budh Nagar., M/s Bennett Institute of Higher Education. File No. 5091/Proposal No. SIA/UP/MIS/115902/2019**

A presentation was made by the project proponent M/s Bennett Institute of Higher Education along with their consultant M/s Aplinka Solutions and Technologies Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. M/s Bennett Institute of Higher Education, is a company owned by Times of India Group with a motive of providing world class education in Indian Scenario and Bennett University is started to fulfil the same purpose, located at Plot no. 8,9,10,11, Sector Techzone-II, Greater Noida, Gautam Budha Nagar, Uttar Pradesh.
2. The project is an institutional project, having plot area 2,75,390 m<sup>2</sup> and built-up area 1,13,722.32 m<sup>2</sup> only i.e. less than built up area <1,50,000 sqm.
3. The project proponent also mentioned that laboratories are mainly media labs, law court rooms and IT labs, there are no wet labs or biomedical labs present or proposed in the university.
4. As per the amendment to the EIA Notification 2006 dated 22/12/2014, Educational Institutes and Hostels having Built up area less than <1,50,000 m<sup>2</sup> were exempted from obtaining Environment Clearance.

**RESOLUTION AGAINST AGENDA NO-08**

In view of above, the committee discussed the matter and recommended the exempt the project proposal for obtaining environmental clearance as per MoEF&CC notification dated 22/12/2014. The committee stipulated following conditions to follow by the project proponent:

1. No wet labs or biomedical labs proposed within the project.
2. The Project proponent strictly follow the guidelines for Sustainable Environmental Management Practices as mentioned in the MoEF&CC O.M. date 09/06/2015.
3. In case the built up area of the project increased from 1,50,000 m<sup>2</sup> the project proponent needs to obtain the Environment Clearance.

**9. Products for Manufacturing of Bulk Drugs, Intermediates and Organic Chemical by M/s Saral Chemtech LLP, Village- Shernagar, District- Muzaffarnagar, U.P. File No. 5027/Proposal No. SIA/UP/IND2/ 41366/2019**

A presentation was made by the project proponent along with their consultant M/s Ind Tech House Consult. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Products for Manufacturing of Bulk Drugs, Intermediates and Organic Chemical at Village- Shernagar, District- Muzaffarnagar, U.P. M/s Saral Chemtech LLP.
2. Salient features of the project:

Particulars	Details
Name of the company	M/s Saral Chemtech LLP
Location of Industry	9 th Km Jansath Road, Village Shernagar, Muzaffarnagar-251001
Project Proponent	Mr. Mohit Garg (Partner)
S.No. In the schedule	5 (f): Synthetic organic chemicals industry
Landuse	The land is marked for Industrial purpose as per Master plan of Moradabad Development Authority.
Production Capacity	Manufacture of Bulk Drugs, Intermediates & Organic Chemicals
Raw Materials	As per table
Area	0.488 ha
Total Project Cost	545.61 Lakhs
Source of water supply	Borewell- 24.0 KLD
Source of power supply & power backup	Power Load of 500 KVA is already installed and additional power load of 250 KVA for proposed pharma division Source of Power: UPPCL DG for power backup – 250 KVA

3. Production Capacity of Proposed Bulk Drugs, Intermediates & Organic Chemicals:

Sl No	NAME OF PRODUCTS	QTY Per MT	Batch KG	Size	No of Batch	Batch Per day
1	MEFENAMIC ACID	20	1200		17	0.57
2	ACECLOFENAC	70	1000		70	2.33
3	2,6 DICHLORO PHENOL	70	1200		58	1.94
4	AMBROXOL BASE	20	200		100	3.33
5	AMBROXOL HCL	10	200		50	1.66
6	BENFOTIAMINE HCL	10	200		50	1.66
7	CHLORAMPHENICOL	30	1500		20	0.67
8	CHLORAMPHENICOL PALMITATE	30	1700		18	0.6
9	CHLORHEXIDINE DIHYDROCHLORIDE	20	500		40	1.33
10	CHLORZOXAZONE	20	950		21	0.7
11	CIPROFLOXACIN HCl	20	1200		17	0.57

12	CITICOLINE SODIUM	5	200	25	0.83
13	CLOSANTEL	15	500	30	1
14	DEFARASIROX	10	975	10	0.33
15	DICLOFENAC DIETHYL AMINE	22	1100	20	0.67
16	DICLOFENAC POTASSIUM	10	1400	7	0.23
17	DICLOFENAC SODIUM	50	1600	31	1.03
18	DOMPERIDONE	5	250	20	0.67
19	ERYTHROMYCIN STEARATE	22	725	30	1.0
20	ESOMEPRAZOLE MAGNESIUM	5	150	34	1.13
21	FENBENDAZOLE	11	220	50	1.67
22	FLUCONAZOLE	15	500	30	1.0
23	GUAIFENESIN	15	200	75	2.5
24	IBUPROFEN	65	1670	39	1.3
25	KETOCONAZOLE	15	500	30	1.0
26	LEVOFLOXACIN	20	1200	17	0.57
27	LIDOCAINE HCL	20	415	48	1.6
28	LUMEFENTRINE	5	150	34	1.13
29	MELOXICAM	20	335	60	2.0
30	METFORMIN ACID	75	1500	50	1.67
31	METHOCARBAMOL	11	220	50	1.67
32	METHYLCOBALAMIN	1	20	50	1.67
33	METRONIDAZOLE BENZOATE	42	1400	30	1.0
34	MONTELUKAST SODIUM	5	100	50	1.67
35	NIACINAMIDE	60	1000	60	2.0
36	OFLOXACIN	20	1200	17	0.57
37	OLMESTRON	5	150	34	1.13
38	ORNIDAZOLE	30	600	50	1.67
39	OXYCLOZAIDE	10	250	40	1.33
40	PARACETAMOL	80	4000	20	0.67
41	PIOGLITAZONE HCL	2	70	35	1.17
42	PIROXICAM	20	325	62	2.07
43	PSEUDOEPHEDRINE HCL	14	450	31	1.03
44	PYRAZINAMIDE	50	1000	50	1.67
45	RABEPRAZOLE SODIUM	4	80	50	1.67
46	SIDNAFIL CITRATE	20	1000	20	0.67
47	TELMISARTON	4	80	50	1.67
48	TENLEGLEPTIN HYDROBROMIDE HYDRATE	5	140	36	1.2
49	THIAMINE HYDROCHLORIDE	15	500	30	1.0
50	TRAMADOL HCL	14	270	52	1.73
51	VILDAGLEPTIN	5	130	39	1.3

4. Water requirement details:

Water requirement	KLD
For Industrial Use	
Process through DM plant	13.0
Boiler	6.0
Cooling tower makeup	2.0
Laboratory	1.0
Total Industrial water req. Use	22.0
Domestic	1.5
Total (Include Domestic)	23.5

5. Waste water generation details:

Source of waste water	Quantity in KLD	Treatment and disposal method proposed
Process(On campaign basis)	11.5	Full Flange ETP plant with tertiary treatment system
Floor washings	2.5	Treatment By ETP
Boiler blow down and cooling	2.0	Mixed and used Quenching of Fuel ash and excess quantity will

tower blow down		be used for green belt development
DM plant regeneration	3.5	Regeneration from DM Plant go to ETP
Laboratory	1.0	Use in chemical go to ETP
Total	20.5	
Domestic	1.5	Septic tank and soak pit

**6. Details of hazardous waste:**

Name of the Drug/Intermediate	No.of Batches/ day	Qty. of Solid waste/batch	Total Qty. / Day	Method of Disposal
Diclofenac Sodium	1	50	50	The disposal methods have been presented thorough TSDF Method by in the individual statements of respective products
Tramadol HCL	4	3	16	
Diclofanac Pottassium	1	50	50	

7. The project proposal falls under category-5(f) of EIA Notification, 2006 (as amended).

**Resolution against agenda no-09**

**The committee discussed the matter and prescribed following terms of reference (TOR) for the preparation of EIA regarding the project:**

1. Executive Summary
2. Introduction
  - i. Details of the EIA Consultant including NABET accreditation
  - ii. Information about the project proponent
  - iii. Importance and benefits of the project
3. Project Description
  - i. Cost of project and time of completion.
  - ii. Products with capacities for the proposed project.
  - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
  - iv. List of raw materials required and their source along with mode of transportation.
  - v. Other chemicals and materials required with quantities and storage capacities
  - vi. Details of Emission, effluents, hazardous waste generation and their management.
  - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
  - viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
  - ix. Hazard identification and details of proposed safety systems.
  - x. Expansion/modernization proposals:
- c. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing Iexisting operation of the project from SPCB shall be attached with the EIA-EMP report.
- d. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.

**4. Site Details**

- i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification
- ii. for selecting the site, whether other sites were considered.
- iii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
- iv. Details w.r.t. option analysis for selection of site Co-ordinates (lat-long) of all four corners of the site.
- v. Google map-Earth downloaded of the project site.
- vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
- vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
- viii. Land use break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)
- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
- x. Geological features and Geo-hydrological status of the study area shall be included.
- xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
- xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
- xiii. R&R details in respect of land in line with state Government policy.

**5. Forest and wildlife related issues (if applicable):**

- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
- ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha)
- iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
- iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
- v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area.
- vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.

**6. Environmental Status**

- i. Determination of atmospheric inversion level at the project site and site-specific micrometeorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
- ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.



- iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
- iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
- v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.
- vi. Ground water monitoring at minimum at 8 locations shall be included.
- vii. Noise levels monitoring at 8 locations within the study area.
- viii. Soil Characteristic as per CPCB guidelines.
- ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
- x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule-I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
- xi. Socio-economic status of the study area.

**7. Impact and Environment Management Plan**

- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
- ii. Water Quality modelling - in case of discharge in water body
- iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-cum- rail transport shall be examined.
- iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
- v. Details of stack emission and action plan for control of emissions to meet standards.
- vi. Measures for fugitive emission control
- vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
- viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
- ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
- x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
- xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.

- xii. Action plan for post-project environmental monitoring shall be submitted.
  - xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.
8. Occupational health:
- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
  - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
  - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
  - iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
9. Corporate Environment Policy
- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
  - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms /conditions? If so, it may be detailed in the EIA.
  - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
  - iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report.
10. Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
11. ) Enterprise Social Commitment (ESC)
- i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
12. 12) Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
13. A tabular chart with index for point wise compliance of above TOR.

**B. SPECIFIC TERMS OF REFERENCE FOR EIA STUDIES FOR SYNTHETIC ORGANIC CHEMICALS INDUSTRY (DYES & DYE INTERMEDIATES; BULK DRUGS AND INTERMEDIATES EXCLUDING DRUG FORMULATIONS; SYNTHETIC RUBBERS; BASIC ORGANIC CHEMICALS, OTHER SYNTHETIC ORGANIC CHEMICALS AND CHEMICAL INTERMEDIATES)**

1. Details on solvents to be used, measures for solvent recovery and for emissions control.
2. Details of process emissions from the proposed unit and its arrangement to control.
3. Ambient air quality data should include VOC, other process-specific pollutants\* like NH<sub>3</sub>\*, chlorine\*, HCl\*, HBr\*, H<sub>2</sub>S\*, HF\*, etc., (\*as applicable)
4. Work zone monitoring arrangements for hazardous chemicals.
5. Detailed effluent treatment scheme including segregation of effluent streams for units adopting 'Zero' liquid discharge.
6. Action plan for odour control to be submitted.
7. A copy of the Memorandum of Understanding signed with cement manufacturers indicating clearly that they co-process organic solid/hazardous waste generated.
8. Authorization/Membership for the disposal of liquid effluent in CETP and solid/hazardous waste in TSDF, if any.
9. Action plan for utilization of MEE/dryers salts.
10. Material Safety Data Sheet for all the Chemicals are being used/will be used.
11. Authorization/Membership for the disposal of solid/hazardous waste in TSDF.
12. Details of incinerator if to be installed.
13. Risk assessment for storage and handling of hazardous chemicals/solvents. Action plan for handling & safety system to be incorporated.
14. Arrangements for ensuring health and safety of workers engaged in handling of toxic materials.

**10. Revision and Expansion of Group Housing “Migsun Wynn” at Plot No.- GH-01 B(1), Sector-ETA-2, Greater Noida, District- Gautam Budha Nagar, U.P. M/s SJP Hotel & Resort Pvt. Ltd. File No. 5032/Proposal No. SIA/UP/NCP/42319/2019**

A presentation was made by the project proponent along with their consultant M/s Ambiantal Global Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Revision and Expansion of Group Housing “Migsun Wynn” at Plot No.- GH-01 B(1), Sector-ETA-2, Greater Noida, District- Gautam Budha Nagar, U.P. M/s SJP Hotel & Resort Pvt. Ltd.
2. Environmental Clearance for the earlier proposal was issued by SEIAA, U.P. vide Letter No.73/Parya/SEAC/3638/2016 dated January 12, 2018 for the plot area 32,050.00 m<sup>2</sup> (7.919 acres) and built-up area 1,72,747.36 m<sup>2</sup>.
3. Salient features of the project:

S. No.	Description	Existing
1.	Plot Area	32,050.00 m <sup>2</sup>
2.	Built-up Area	2,07,006.93 m <sup>2</sup>
3.	Green Area	11,680.03 m <sup>2</sup> @ 56.06% of open Area
4.	Estimated Water Requirement with source Construction Phase Operational Phase	2,939.40 KL Total Water requirement:- 770 KLD Freshwater= 495 KLD through Municipal Supply Recycled water = 275 (In-House STP)
5.	Estimated wastewater generation and treatment	616 KLD (STP of 740 KLD, MBBR technology with UV)
6.	Power Demand and Source Power Back-up	4,820 KVA From Noida Power Company Limited 4 no. of D.G Sets with total capacity of 4,000 kVA (2 x 1250 kVA + 2 x 750)
7.	Solid Waste Generation	4,139 kg/day
8.	Parking Facilities Required Total Parking required	Required as per MoEF &CC:-1338 ECS Required as per Greater Noida By Laws:- 1672 ECS

	Total Parking Proposed	Provided:1957 ECS
9.	RWH Pits	8 pits
10.	Maximum Building Height	87.2 m
11.	Project Cost	315.89 cr
12.	Project Completion Date	April, 2022

**4. Comparative area details:**

S. No.	Description	As per Earlier EC Area (m <sup>2</sup> )	Revision & Expansion Area (m <sup>2</sup> )
1.	Total Plot Area	32,050.00	32,050.00
2.	Permissible Ground Coverage	11,217.5 (@35% of plot area)	11,217.5 (@35% of plot area)
3.	Proposed Ground Coverage	9,271.91 (@28.929% of plot area)	8,856.74 (@27.634% of the plot area)
4.	Total Permissible FAR 1. Permissible F.A.R for housing 2. Additional F.A.R. for Metro 3. Additional F.A.R for Green Building	1,17,783.75 1,12,175.00 (as per 3.50) Nil 5,608.75 (5% of Permissible F.A.R)	1,33,808.75 1,12,175.00 (as per 3.50) 16,025.00 (as per 0.50) 5,608.75 (5% of Permissible F.A.R)
5.	Total Proposed F.A.R. 1. Residential F.A.R. 2. Commercial F.A.R. 3. Community F.A.R. 4. Meter Room F.A.R. 5. Ramp F.A.R. 6. Extra Facility Area in Main F.A.R.	1,17,777.18 1,15,554.57 1,084.46 985.88 11.58 140.69 Nil	1,33,390.18 1,31,812.81 1,120.02 Nil 11.58 Nil 445.77
6.	Permissible F.A.R. for Facility (15% of Permissible F.A.R. Area)	16,826.25	16,826.25
7.	Facility area achieved within 15 % limit (Community area + Fire Staircase Area + Lift Lobby Area + Mumty Area + Machine Room Area + Lift Shafts + Service Shafts + Cupboard + Guard Room + Overhead Tank + STP + L.T. Panel Room + Guard & Visitors Toilet)	14,101.21	16,826.25
8.	Total Non F.A.R. Basement area (Lower and Upper) Stilt Area Podium Area	40,868.97 23,954.92 16,914.05 Nil	56,790.5 39,551.03 5,504.47 11,735.00
9.	Total Built-Up Area (5 + 7 + 8)	1,72,747.36	2,07,006.93
10.	Open Area	22,778.09	20,832.5
11.	Landscape Area	11,885.83 (@52.18 % of open area)	11,680.03 (@56.06 % of open area)
12.	Total Proposed Units	1,426	1,704

**4. Water requirement details:**

S. No.	Description	Occupancy	Rate of water demand(lpcd)	Total Water Requirement (KLD)
A.	Domestic Water			
1)	Residential Population			
	Residents	7,695	86	661.77
	Maintenance Staff	385	30	11.55
	Visitor/Floating	770	15	11.55
2)	Commercial			
	Staff	60	30	1.8
	Visitors	242	15	3.63
3)	Community			
	Staff	33	30	0.99
	Visitors	132	15	1.98

Total Domestic Water Demand (1 + 2 + 3)				693.27 say 693 KLD
B.	Horticulture	11,680.03 m <sup>2</sup>	4 lt./m <sup>2</sup> /day	47
C.	Make- up water for swimming pool			10
D.	Filter Backwash			20
Total Water Requirement (A + B + C + D)				770 KLD

5. Solid waste generation details:

S. No.	Category	Population	Norms (kg/c/day)	Total Waste (kg/day)
1.	Domestic Waste:			
	Residents	7695	@ 0.5	3,847.5
	Total Staff	478	@ 0.25	119.5
	Total Visitors	1,144	@ 0.15	171.6
2.	Landscape waste (2.88 acre)		@ 0.2 kg/acre/day	0.576
	TOTAL SOLID WASTE GENERATED			4,139.176 say 4,139 kg/day

6. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended).

### **RESOLUTION AGAINST AGENDA NO-10**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA regarding the project as follows:**

1. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
2. Allotment letter from concerned development authority.
3. All approved drawings/maps alongwith approved services plans.
4. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
5. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
6. Complete Gata/Khasra no. of the project alongwith soft and hard copy should be submitted in table format with proper calculation.
7. Physical features within 30 m of the project sites with their ownership.
8. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
9. Use of reflecting paints on roof top and side walls.
10. Details of rain water harvesting are to be given.
11. Provision of 100% solar lighting along the road site, stair cases, common places.
12. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
13. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and utilization of rainwater.
14. Water requirement and its management plan along with necessary permissions for discharge.
15. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
16. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
17. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.

18. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
19. Landscape plan, green belts and open spaces may be described separately.
20. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
21. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
22. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
23. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
24. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
25. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
26. Identification of recyclable wastes and waste utilization arrangements may be made.
27. Explore possibility of generating biogas from biodegradable wastes.
28. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
29. Provisions made for safety in storage of materials, products and wastes may be described.
30. Disaster management plan should be prepared.
31. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
32. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
33. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
34. Provide service road for entry and exit to project site.
35. Use of local building materials should be described.
36. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
37. Work out MGLC for the combined capacity of DG sets.
38. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
39. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
40. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
41. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
42. Required no of trees should be proposed @ 01 tree/80 m<sup>2</sup>, submit plan.
43. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.

44. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
45. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

**General Guidelines:**

- a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:
  - I. "There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent."
  - II. "No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).
  - III. "I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost."
  - IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.
- b. Another legal affidavit by the consultant stating "(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct", as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.
- c. Current site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
- d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.
- e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
- f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
- g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.
- h. The EIA document shall be printed on both sides, as far as possible.

The Information's no (a I , II, III & c) asked under the general guidelines is to be submitted within 15 days from the date of receipt of the letter and remaining of the information's is to be submitted along with the EIA.

**11. Revision and Expansion of Group Housing Project "Devika Gold Homz" at Plot No.- GH-06C, Sector-01, Greater Noida (West), U.P., M/s Devika Gold Homz Pvt. Ltd. File No. 5046/Proposal No. SIA/UP/NCP/ 42838/2019**

A presentation was made by the project proponent along with their consultant M/s Aplinka Solutions & Technologies Pvt. Ltd. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Revision and Expansion of Group Housing Project "Devika Gold Homz" at Plot No.- GH-06C, Sector-01, Greater Noida (West), U.P., M/s Devika Gold Homz Pvt. Ltd.
2. Environmental clearance for the earlier proposal was issued by SEIAA, U.P. vide letter no. 83/Parya/SEAC/828/2011 dated 29.04.2013
3. Salient features of the project:

S. No.	PARTICULARS	DETAILS
1.	Plot Area	30,000 m <sup>2</sup>
2.	Total Built up Area	1,60,163.769 m <sup>2</sup>
3.	Landscape Area	11,599.174 m <sup>2</sup>
4.	Estimated Population	7,443
5.	Total water requirement	614 KLD
6.	Fresh Water requirement	425 KLD
7.	Wastewater generation	494 KLD
8.	STP capacity	600 KLD
9.	Total Power Requirement	3200 KVA
10.	Total Power Backup	6 no. of DG of capacity 500 KVA each
11.	Total solid waste generated	3439.12 kg/day
12.	Rainwater harvesting structures	8 Rain Water Harvesting Structures
13.	Parking Details	1577 ECS
14.	Project Cost	390 Crores

4. Comparative area details of the existing and expansion project:

S. No.	Particulars	Existing (A) (in m <sup>2</sup> )	Revision (B) (in m <sup>2</sup> )	Proposed (C) (in m <sup>2</sup> )	Total [(A-B)+C] (in m <sup>2</sup> )	Percentage (%)
1	Plot Area	30,000				100
2	Permissible Ground Coverage (@35% of the plot area)	10,500				
3	Proposed Ground Coverage	6,842.27 (22.81% of Plot Area)	26.64 (0.09% of Plot area)	0.00 ....	6,815.63 (22.72 % of plot area)	22.72
4	Open Area (1-3)	23,157.73	0.000	26.639	23,184.369	77.28
5	Required Green Area	11,578.87	0.00	13.32	11,592.18	
6	Green Area Achieved	11630.37 (50.22% of open area)	31.196	0	11,599.174 (50.035% of open area)	38.66
7	Surface Parking Area	4,540	21	0	4,519	15.06
8	Area under Road pavements	6,987	0	79	7,067	23.56
9	Total Permissible FAR [9(a)+9(b)+	83,325	0	22,725	1,06,050	



S. No.	Particulars	Existing (A) (in m <sup>2</sup> )	Revision (B) (in m <sup>2</sup> )	Proposed (C) (in m <sup>2</sup> )	Total [(A-B)+C] (in m <sup>2</sup> )
9(a)	Permissible FAR @ 2.75	82,500			
9(b)	Purchasable FAR @ 0.75	0	0	22,500	22,500
9(c)	Permissible Commercial FAR	825	0	225	1,050
10	Total Proposed FAR [10(a)+10(b)]	82,483.34	0	22,497.72	1,04,981.063
10(a)	Proposed Residential FAR	81,660.96	0	22,270.77	1,03,931.733
10(b)	Proposed Commercial FAR	822.38	0	226.95	1,049.33
11	Permissible facility area (15% of total FAR)	12,375	0	3,375	15,750
12	Proposed facility area	11,225.22	0	1,422.80	12,648.021
13	Proposed Non FAR area (Basement, Podium and Stilt)	25,831.55	0.00	16,703.14	42,534.685
14	Built Up Area (10+12+13)	1,19,540	0	40,623.66	1,60,163.769

**5. Population details;**

Sl. No.	Population	Basis	Density	Number of Population
1	Residential Population			7,406
1(a)	Dwelling Unit Population	1,288 Dwelling units	5 person per dwelling unit	6,440
1(b)	Staff Population		5 % of Residential Population	322
1(c)	Visitors Population		10% of Residential population	644
2	Commercial Population	1049.33	1 person per 3 sqm. of commercial area	350
2(a)	Staff Population		10% of commercial population	35
3	Community Hall staff	1605.651	1 person per 10 sqm of Community area	19
3(a)	Staff population		10% of Community population	2
Total				7,443

**6. Water requirement details:**

Sr. No.	Particular	EC Accorded (in KLD)	Revision/Expansion(B) (in KLD)	Total (A+B) (in KLD)
1	Total water Demand	498	116	614
2	Fresh water Demand	340	85	425
3	Treated water	158	31	189
4	Wastewater	363	131	494
5	STP Capacity	435	165	600

**7. Parking details:**

	Area for Podium parking	4,150.407 m <sup>2</sup>
	Area required for 1 ECS in surface parking	30 m <sup>2</sup>
A	No. of ECS in Podium parking	138 ECS
	Area for Surface parking	4,519 m <sup>2</sup>
	Area required for 1 ECS in surface parking	20 m <sup>2</sup>
B	No. of ECS on surface parking	226 ECS
	Area for First Basement	24,021.53 m <sup>2</sup>
	Area required for 1 ECS in first basement parking	30 m <sup>2</sup>
C	No. of ECS in first basement parking	801 ECS
	Area for Second Basement	10,212.87 m <sup>2</sup>
	Area required for 1 ECS in second basement parking	30 m <sup>2</sup>
D	No. of ECS in second basement parking	340 ECS
	Area of Stilt Parking	2,182.864 m <sup>2</sup>

	Area required for 1 ECS in stilt parking	30 m <sup>2</sup>
E	No. of ECS in Stilt parking	72 ECS
Total		1,577 ECS

**8. Solid waste details:**

Sr. No.	Particular	Occupancy	Area (in acres)	Waste Generated per kg/day	Waste Generation
1	Residential Population	7406			
1(a)	Dwelling unit Population	6440		0.5	3220
1(b)	Visitors population	322		0.15	48.3
1 ( C )	Staff Population	644		0.25	161
2	Commercial Population	35		0.25	8.75
3	Community Population	2		0.25	0.5
4	Landscape Area		2.866	0.2 kg/acre/day	0.57
Total					3439.12

9. The project proposal falls under category–8(b) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-11**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA regarding the project as follows:**

1. Master plan of the area showing proposed project. Permissible uses of the proposed site as per zoning regulation.
2. Allotment letter from concerned development authority.
3. All approved drawings/maps alongwith approved services plans.
4. Structural design certificate signed by the architect and vetting authority should be submitted. All structural design drawings should be signed by architect and counter signed by vetting authority.
5. Area details showing proposed uses as residential, commercial, parks, parking, roads, other services, facilities of the project also in percentage.
6. Complete Gata/Khasra no. of the project alongwith soft and hard copy should be submitted in table format with proper calculation.
7. Physical features within 30 m of the project sites with their ownership.
8. Complete Details of facilities to be developed by the project proponent i.e. for which environment clearance is sought.
9. Use of reflecting paints on roof top and side walls.
10. Details of rain water harvesting are to be given.
11. Provision of 100% solar lighting along the road site, stair cases, common places.
12. Plan for EWS / LIG housing provision as per Development Authority bye-laws.
13. Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc., and the disposal of treated/raw wastes from the complex on land/water body and into sewerage system. Consider soil characteristics and permeability for rainwater harvesting proposals, should be made to prevent ground water contamination. Maximize use of treated water by recycling and utilization of rainwater.
14. Water requirement and its management plan along with necessary permissions for discharge.
15. An underground Pucca tank with kaccha base for collection/reuse of rain water may be constructed.
16. Hydro-geological investigations to be carried out and obtain permission from Central Ground Water Authority for withdrawal of ground water.
17. Make provision for safety against failure in the operation of wastewater treatment facilities. Identify acceptable outfall for treated effluent.

18. Details of green belt as a measure for mitigation of dust and noise and buffer between habitation and proposed project.
19. Landscape plan, green belts and open spaces may be described separately.
20. Study the existing flora and fauna of the area and the impact of the project on them. There should be no basement below 15 m setback. Accordingly, the Plan should be revised and submitted.
21. Section of all internal roads should be provided. Right of way and carriage way width should be clearly marked on the map. Avoid entry/exit at point of junction of roads. Traffic movement plan in and out should be shown.
22. Examine existing crèche, education, health facilities, police, post Office, Banks and other services and make adequate provisions in the proposal.
23. Assess soil erosion in view of the soil characteristics, topography and rainfall pattern.
24. Application of renewable energy/alternate energy, such as solar and wind energy may be described including solar water heating in the guidelines for entrepreneurs.
25. Consider solid wastes, including e-waste in addition to other solid wastes and their disposal.
26. Identification of recyclable wastes and waste utilization arrangements may be made.
27. Explore possibility of generating biogas from biodegradable wastes.
28. Arrangements for hazardous waste management may be described as also the common facilities for waste collection, treatment, recycling and disposal of all effluent, emission and refuse including MSW, biomedical and hazardous wastes. Special attention should be made with respect to bird menace.
29. Provisions made for safety in storage of materials, products and wastes may be described.
30. Disaster management plan should be prepared.
31. Traffic management plan including parking and loading/unloading areas may be described. Traffic survey should be carried out both on weekdays and weekend.
32. Parking provision is to be made for higher ECS worked out either as per state bye-laws or construction manual of the MoEF. Additional parking (more than required nos. as per norms) will not be permitted.
33. Exclusive Parking area in the basement (excluding other facilities) and surface is to be clearly mentioned.
34. Provide service road for entry and exit to project site.
35. Use of local building materials should be described.
36. Consider provision of DG Flue Gas emissions to be treated in a scrubber. Stack details with provisions of sampling port for monitoring to be described. Power backup should be restricted to 50-60 % of power requirement. Plan should be revised and submitted.
37. Work out MGLC for the combined capacity of DG sets.
38. Provide for conservation of resources, energy efficiency and use of renewable sources of energy in the light of ECBC code.
39. Application of resettlement and rehabilitation policy may be described. Project affected persons should be identified and rehabilitation and resettlement plan should be prepared.
40. Examine separately the details for construction and operation phases both for Environmental Monitoring Plan and Environmental Management Plan.
41. Corporate Environmental Responsibility (CER) shall be prepared by the project proponent and the details of the various heads of expenditure to be submitted as per the guidelines provided in the recent CER notification No. 22-65/2017-IA.III dated 01/05/2018. A copy of resolution as above shall be submitted to the authority along with list of beneficiaries with their mobile nos./address.
42. Required no of trees should be proposed @ 01 tree/80 m<sup>2</sup>, submit plan.
43. Project falling within 10 Km. area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco- sensitive zone is not earmarked.

44. Declare/submit the running cost of STP and other environmental management services (e.g., Municipal Solid Waste Disposal, Green belt Maintenance, Water Management etc.) in the proposals which are to be including in the allotment letters. Vendors should be identified for Municipal Solid Waste Management and submitted.
45. The proponent will submit the schedule of monitoring/data collection programme to the Office of Directorate, Member Secretary, UP Pollution Control Board and District Magistrate of related District.

**General Guidelines:**

- a. A legal affidavit by the Project proponent on Rs. 100/- non-judicial Stamp Paper, duly attested by Public Notary, stating that:
  - I. "There is no litigation pending against the project and/or land in which the project is proposed to be set up (please give name & ownership etc. of the project) and that for any such litigation what so ever, the sole responsibility will be borne by the Project proponent."
  - II. "No activity relating to this project (i.e. name of the project) including civil construction has been undertaken at site except fencing of the site to protect it from getting encroached and construction of temporary shed(s) for the guard(s). (if fencing has not been done, then the same may be deleted).
  - III. "I/We hereby give undertaking that the data and information given in the application, enclosures and other documents are true to the best of my knowledge and belief and I/We am/are aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the Project will be revoked at our risk and cost."
  - IV. Project does not fall under any buffer zone of no-development as declared /identified under any law.
- b. Another legal affidavit by the consultant stating "(a) that the prescribed TORs have been complied with (to be deleted if not applicable) & (b) that details and the data presented are factually correct", as per MoEF circular dated 04.08.2009 is also to be submitted along with EIA.
- c. Current site photographs viewing towards the project area from four directions indicating date of photograph taken, direction from which taken, name of the project, and signature of Project proponent along with consultant with seal should be submitted, so as to ensure that no construction has been started before the grant of EC.
- d. EIA should strictly follow the guidelines prescribed in annexure-III to the EIA notification of 2006 and the Methods of Monitoring and analysis (Annexure-IV): Guidance for assessment of representativeness and reliability of baseline environmental attributes detailed under EIA manual January, 2001 and other guidelines in the matter.
- e. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared.
- f. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated.
- g. While submitting the EIA/EMP reports, the name of the experts associated with/involved in the preparation of these reports and the Name of laboratory through which the samples have been got analysed should be stated in the report. It shall clearly be indicated whether said laboratory is accredited by NABL or approved under the Environment (Protection) Act, 1986 (Please refer MoEF office memorandum dated 4th August, 2009). The name project leader of the EIA study shall also be mentioned.
- h. The EIA document shall be printed on both sides, as far as possible.

The Information's no (a I , II, III & c) asked under the general guidelines is to be submitted within 15 days from the date of receipt of the letter and remaining of the information's is to be submitted along with the EIA.

**12. Cement Grinding Unit for production of 2.0 MTPA at Khasra No.-1164K,1165K,1168,1170,1140Kha,1162Ga, 1167mi,Village-Nagardeeh, District-Amethi, U.P., M/s Kanodia Cement Ltd. File No. 5078/Proposal No. SIA/UP/IND/42322/2019**

A presentation was made by the project proponent along with their consultant M/s Paramarsh. The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought Cement Grinding Unit for production of 2.0 MTPA at Khasra No.-1164K,1165K,1168,1170,1140Kha,1162Ga, 1167mi,Village-Nagardeeh, District-Amethi, U.P., M/s Kanodia Cement Ltd.
2. Salient features of the project:

S. No.	Name of the project	Cement Grinding Unit
1	S. No. in the Schedule	3 (b)
2	Registered Address	A-19 Second Floor, Sector-16, Noida-201301.
3	Name of the Applicant	Mr. Gautam Kanodia
4	Site Address	M/s Kanodia Cement Limited, Khasra No. 1164 k, 1165 k, 1168, 1170, 1140 Kha, 1162 ga, 1167 mi village Nagardeeh District-Amethi-227405.
5	Land use	Industrial ( Change in land use applied)
6	Raw material	Clinker, Gypsum, and Fly Ash
7	Area	Total Area 8.09 ha
9	Latitude and Longitude	26° 6.837'N and 81° 57.721'E
10	Capacity	2.0 MTPA
11	Cost of Project	18369 Lacs
12	Manpower Requirement	64
13	Power Requirement	34 KWH
14	Water Requirement	5.5 KLD
15	Drain	200 m (W)
16	Nearest Railway Station/airport along with distance in kms	Durgapur Railway Station- 10 km Lucknow Airport – 200 km (NW)
17	Nearest town	Town: Amethi : 18.0 km (NW)
18	<b>Available Land and Breakup:</b> Total Plot Area 8.09 ha Total Open and Green area 2.67 ha 33% area will be developed into green belt. <b>Power Requirement:</b> The power required will be 34 KWH, which will be sourced from UPPCL. <b>Water Requirement:</b> 5.5 KLD (Ground Water) <b>Liquid Waste:</b> Only domestic sewage for which septic tank with soak pit has been proposed. <b>Solid Waste:</b> Ash will be generated from the combustion of coal used in HAG and the entire quantity of ash will be used in manufacturing.	

3. Raw material details:

S.L No.	Component	Proportion(%) by weight
1	Clinker	65 %
2	Fly Ash	30 %
3	Gypsum	5 %

4. The project proposal falls under category–3(b) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-12**

The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA regarding the project as follows:

- 1) Executive Summary.
- 2) Introduction
  - i. Details of the EIA Consultant including NABET accreditation
  - ii. Information about the project proponent
  - iii. Importance and benefits of the project
- 3) Project Description
  - i. Cost of project and time of completion.
  - ii. Products with capacities for the proposed project.
  - iii. If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.
  - iv. List of raw materials required and their source along with mode of transportation.
  - v. Other chemicals and materials required with quantities and storage capacities
  - vi. Details of Emission, effluents, hazardous waste generation and their management.
  - vii. Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)
  - viii. Process description along with major equipments and machineries, process flow sheet (quantative) from raw material to products to be provided
  - ix. Hazard identification and details of proposed safety systems.
  - x. Expansion/modernization proposals:
    - a. Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MOEF/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment and Forests as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing existing operation of the project from SPCB shall be attached with the EIA-EMP report.
    - b. In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 06 shall be provided. Copies of Consent to Establish/No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.
- 4) Site Details
  - i. Location of the project site covering village, Taluka/Tehsil, District and State, Justification for selecting the site, whether other sites were considered.
  - ii. A toposheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)
  - iii. Details w.r.t. option analysis for selection of site
  - iv. Co-ordinates (lat-long) of all four corners of the site.
  - v. Google map-Earth downloaded of the project site.
  - vi. Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area/Estate.
  - vii. Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation/greenbelt, in particular.
  - viii. Landuse break-up of total land of the project site (identified and acquired), government/private - agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not

- required for industrial area)
- ix. A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area
  - x. Geological features and Geo-hydrological status of the study area shall be included.
  - xi. Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)
  - xii. Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.
  - xiii. R&R details in respect of land in line with state Government policy
- 5) Forest and wildlife related issues (if applicable):
- i. Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable)
  - ii. Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).
  - iii. Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.
  - iv. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden-thereon.
  - v. Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area
  - vi. Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife
- 6) Environmental Status:
- i. Determination of atmospheric inversion level at the project site and site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.
  - ii. AAQ data (except monsoon) at 8 locations for PM10, PM2.5, SO2, NOX, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre-dominant wind direction, population zone and sensitive receptors including reserved forests.
  - iii. Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with - min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.
  - iv. Surface water quality of nearby River (100m upstream and downstream of discharge point) and other surface drains at eight locations as per CPCB/MoEF&CC guidelines.
  - v. Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC, if yes give details.

- vi. Ground water monitoring at minimum at 8 locations shall be included.
  - vii. Noise levels monitoring at 8 locations within the study area.
  - viii. Soil Characteristic as per CPCB guidelines.
  - ix. Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.
  - x. Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule- I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.
  - xi. Socio-economic status of the study area.
- 7) Impact and Environment Management Plan
- i. Assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modelling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be assessed. Details of the model used and the input data used for modelling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.
  - ii. Water Quality modelling - in case of discharge in water body
  - iii. Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor- cum-rail transport shall be examined.
  - iv. A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.
  - v. Details of stack emission and action plan for control of emissions to meet standards.
  - vi. Measures for fugitive emission control
  - vii. Details of hazardous waste generation and their storage, utilization and management. Copies of MOU regarding utilization of solid and hazardous waste in cement plant shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource conservation.
  - viii. Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.
  - ix. Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.
  - x. Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.
  - xi. Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.
  - xii. Action plan for post-project environmental monitoring shall be submitted.



- xiii. Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.
- 8) Occupational health:
- i. Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers
  - ii. Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of above mentioned parameters as per age, sex, duration of exposure and department wise.
  - iii. Details of existing Occupational & Safety Hazards. What are the exposure levels of hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
  - iv. Annual report of health status of workers with special reference to Occupational Health and Safety.
- 9) Corporate Environment Policy:
- i. Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.
  - ii. Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.
  - iii. What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.
  - iv. Does the company have system of reporting of non compliances / violations of environmental norms to the Board of Directors of the company and / or shareholders or stakeholders at large? This reporting mechanism shall be detailed in the EIA report
- 10) Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.
- 11) Corporate Environmental Responsibility (CER):
- i. Adequate funds (at least 2.5 % of the project cost) shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues and item-wise details along with time bound action plan shall be included. Socio-economic development activities need to be elaborated upon.
  - ii. Any litigation pending against the project and/or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case.
  - iii. A tabular chart with index for point wise compliance of above TOR.
- 12) Limestone and coal linkage documents along with the status of environmental clearance of limestone and coal mines
- 13) Quantum of production of coal and limestone from coal & limestone mines and the projects they cater to;

- 14) For large Cement Units, a 3-D view i.e. DEM (Digital Elevation Model) for the area in 10 km radius from the proposal site.
- 15) Present land use shall be prepared based on satellite imagery. High-resolution satellite image data having 1m-5m spatial resolution like quick bird, Ikonos, IRS P-6 pan sharpened etc. for the 10 Km radius area from proposed site. The same shall be used for land used/land-cover mapping of the area.
- 16) If the raw materials used have trace elements, an environment management plan shall also be included.
- 17) Plan for the implementation of the recommendations made for the cement plants in the CREP guidelines must be prepared.
- 18) Energy consumption per ton of clinker and cement grinding.
- 19) Provision of waste heat recovery boiler.
- 20) Arrangement for use of hazardous waste.

**13. Sand/Morrum Mining from Ken Riverbed at Khand No.-10/27 to 10/28, Village- Kataaiya, Chail, Kaushambi, M/s K.K. Associates. Area-24.28 Ha. File No. 4535/4385/Proposal No. SIA/UP/MIN/29538/2018**

**RESOLUTION AGAINST AGENDA NO-13**

Due to paucity of the time the case could not be discussed. The committee directed to list the matter in upcoming SEAC meeting.

**14. Revision & Expansion of Commercial Project "Spectrum@Metro- II" Plot No.- A & B, Eco City, Sec.75, Noida, U.P., M/s AIMS Max Gardenia Developers Pvt. Ltd. File No. 4874/Proposal No. SIA/UP/NCP/37899/2019**

The case was considered after it has been refereed back by SEIAA decision taken in its meeting dated 01/08/2019 wherein the decision is as follows:

"SEIAA noted that SEAC has recommended additional ToR to the project. SEIAA gone through the records and noted that M/s AIMS MAX Gardenia Developer Pvt. Ltd. has been granted EC on plot A&B and also on C&D, Eco city, Sector-75, Noida, U.P. earlier and that a court case OA-710/2018 has been filed in Hon'ble NGT regarding the above project. Hence SEIAA opined that the project should be referred back to SEAC to review the project in the light of issues court case."

SEAC observed that the earlier cases for which it has been mentioned are:

1. Revision & Expansion of Commercial Project "Spectrum@Metro-II" Plot No.- A & B, Eco City, Sec.75, Noida, U.P., M/s AIMS Max Gardenia Developers Pvt. Ltd. File No. 4874/Proposal No. SIA/UP/NCP/37899/2019
2. Proposed commercial project "Spectrum@Metro" plot no. C & D, Eco City, Sector-75, Noida, Tehsil & District-Gautam Budh Nagar, M/s AIMS Max Gardenia Developers Pvt. Ltd. File No. 4066

Since SEIAA has referred back the case to SEAC to review the project in the light of Court Case, it becomes necessary to add on here that the project Proposed commercial project "Spectrum@Metro" plot no. C & D, Eco City, Sector-75, Noida, District-Gautam Budh Nagar, M/s AIMS Max Gardenia Developers Pvt. Ltd. File No. 4066 was impleaded and covered under the Hon'ble National Green Tribunal case as original application no. 710/2018 (M.A. No. 1542/2018 & M.A. No. 1543/2018) : Dharmendra Singh Vs. State of U.P. and Ors. While the erstwhile recommendation for grant of TOR is for the project Revision & Expansion of Commercial Project "Spectrum@Metro-II" Plot No.- A & B, Eco City, Sec.75, Noida, U.P., M/s AIMS Max Gardenia Developers Pvt. Ltd. File No. 4874/Proposal No. SIA/UP/NCP/37899/2019. Hence, it is nothing doing with the Hon'ble Court case matter.

**15. Granite (khanda/Boulder) & Morrum Mining at Khasra No./Gata No.-2131/6, Village - Rauli Klyanpur, Tehsil- Karwi, District - Chitrkoot, U.P., M/s Kamadgiri Traders, U.P., Lease area- 2.4289 ha. File No. 4838/Proposal No. SIA/UP/MIN/36517/2019**

**RESOLUTION AGAINST AGENDA NO-15**

Due to paucity of the time the case could not be discussed. The committee directed to list the matter in upcoming SEAC meeting.

**16. Letter of Shri Rahul Pawar S/o Shri Surender Kumar House No.- 15 & 16 , Sector-15, Uraban Estate, District- Sonipat (Haryana) 131001**

**RESOLUTION AGAINST AGENDA NO-16**

Due to paucity of the time the case could not be discussed. The committee directed to list the matter in upcoming SEAC meeting.

**17. OA NO. 474/2019 Surendra Singh Vs MOEFCC & Others**

**RESOLUTION AGAINST AGENDA NO-17**

SEAC reconnected the matter with the decision taken in the joint meeting of SEIAA and SEAC held on 23/10/2019 wherein the conclusive decision taken by the SEIAA in the presence of Chairman, SEAC and its members that the copies of Hon'ble National Green Tribunal, Principal Bench, New Delhi order, passed in executive application no. 55/2018 IN original application no. 520/2016 : Vikrant Tongad Versus Union of India dated 11/12/2018 and Ministry of Environment, Forests & Climate Change Impact Assessment Division vide OM no. F.NO. L-11011/175/2018-IA-II(M) dated 12/12/2018 should be sent to Ministry of Environment, Forests & Climate Change for clarification.

Once the desired clarification is achieved the decision may be implied to this case also.

**Matter with the permission of Chairman**

**18. Building Stone (Sand Stone) Mine at Gata No./Araji No./Plot No.-01, at Village- Ahirupur, Tehsil- Chunar, District- Mirzapur., M/s Om Sai Construction, Leased Area -0.809 ha. File No. 5116/Proposal No. SIA/UP/MIN/ 40219/2019**

A presentation was made by the project proponent along with their consultant M/s PARAMARSH (Servicing Environment and Development). The proponent, through the documents submitted and the presentation made, informed the committee that:-

1. The environmental clearance is sought for Building Stone (Sand Stone) Mine at Gata No./Araji No./Plot No.-01, Village- Ahirupur, Tehsil- Chunar, District- Mirzapur, U.P., (Leased Area -0.809 ha.), M/s Om Sai Construction.
2. Salient features of the project as submitted by the project proponent:

1. On-line proposal No.	SIA/UP/MIN/40219/2019
2. File No. allotted by SEIAA, UP	5116
3. Name of Proponent	M/s Om Sai Construction Shri Jitendra Kumar Singh S/o Shri Om Prakash Singh

4. Full correspondence address of proponent and mobile no.	R/o: H. No.3/40B, Vishwanathpuri Colony, Nawalpur, Shivpur, District- Varanasi U.P		
5. Name of Project	Terms of Reference for Building Stone (Sand stone) mine, at Gata No. /Araji No. 01, Lease Area: 0.809 ha. (2.0 Acers) at Village - Ahirupur, Tehsil- Chunar, District- Mirzapur Uttar Pradesh		
6. Project location (Plot/Khasra/Gata No.)	01		
7. Name of Village	Ahirupur		
8. Tehsil	Chunar		
9. District	Mirzapur		
10. Name of Minor Mineral	Khanda, Gitty/Boulders (Building stone)''		
11. Sanctioned Lease Area (in ha.)	0.809 ha		
12. Max. & Min mRL within lease area	The highest level is 123.30 mRL the lowest level is 114.10 mRL		
13. Pillar Coordinates (Verified by DMO)	Pillar No	N	E
	A	25° 02' 34.70''	82° 59' 02.03''
	B	25° 02' 34.80''	82° 59' 04.50''
	C	25° 02' 30.30''	82° 59' 04.40''
	D	25° 02' 30.10''	82° 59' 02.10''
14. Total Geological Reserves	1,53,656 m <sup>3</sup>		
15. Total Mineable Reserves	67,794 m <sup>3</sup>		
16. Total Proposed Production	40450 m <sup>3</sup> (5 Year)		
17. Proposed Production/year	8090 m <sup>3</sup>		
18. Sanctioned Period of Mine lease	20 years		
19. Production of mine/day	26.96 m <sup>3</sup>		
20. Method of Mining	Opencast semi- mechanized		
21. No. of working days	300		
22. Working hours/day	8 hrs		
23. No. of workers	20		
24. No. of vehicles movement/day	3		
25. Type of Land	Govt./Non Forest Land		
26. Depth of Mining	6 m		
27. Nearest metalled road from site	Imaliya Ahraura Road-0.62 km (N)		
28. Water Requirement	PURPOSE	REQUIREMENT (KLD)	
	Drinking	0.20 KLD @ 10 lpcd	
	Suppression of dust	4.8 KLD @ 1.0 L for 1 sqm (2 time a day)	
	Plantation	1.56 KLD @ 1 lit/plant	
	Total	6.65 KLD	
29. Name of QCI Accredited Consultant with QCI No period of validity.	Paramarsh Servicing Environment and Development 116 01 May 2021		
30. Any litigation pending against the project or land in any court	No		
31. Details of 500 m Cluster Map & certificate verified by Mining Officer	Letter No-591 dated 29.06.2019		
32. Details of Lease Area in approved DSR	Page No- 12 Sr. No-47		
33. Proposed CER cost	Project cost – 53.88 lacs CER – 1.07 lacs (2% of Total Cost)		
34. Proposed EMP cost	TOR		
35. Length and breadth of Haul Road	0.40 km and 6m		
36. No. of trees to be planted	165		

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.

4. This project does not attract any of the general conditions applicable on mining projects specified in EIA Notification 14/09/2006.
5. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
6. There is no litigation pending in any court regarding this project.
7. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-18**

**The committee discussed the matter and recommended to issue the terms of reference (TOR) for the preparation of EIA as annexed at annexure-1 to these minutes.**

**(Dr. Arvind Mathur)**  
**Member**

**(Dr. Virendra Misra)**  
**Member**

**(Dr. Pramod Kumar Mishra)**  
**Member**

**(Dr. Richhpal Singh Sangu)**  
**Member**

**(Dr. Ranjeet Kumar Dalela)**  
**Member**

**(Shri Ramesh Chand Kataria)**  
**Member**

**(Prof. S.K. Upadhyay)**  
**Member**

**(Dr. Ajoy Kumar Mandal)**  
**Member**

**(Shri Meraj Uddin)**  
**Member**

**(Shri Rajive Kumar)**  
**Member**

**(Dr. (Prof.) S. N. Singh)**  
**Chairman**

**Annexure-1**

**Terms of Reference for the Mining Project**

- 1) Project proponent should bring KML file at the time of EIA presentation.
- 2) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 3) A copy of the document in support of the fact that the proponent is the rightful lessee of the mine should be given.
- 4) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 5) All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project proponent both.
- 6) Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
- 7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 8) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 9) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 10) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 11) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 12) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 13) Certificate from Mining Officer that there is no other mining area exit within 500 m periphery.
- 14) CER cost to be calculated for individual lease.
- 15) An intimation regarding conducting the monitoring to be sent to concerned District Magistrate/State Pollution Control Board office/SEIAA.
- 16) All pages of technical documents/EIA/EMP etc. should be signed by the consultant and project

- proponent both.
- 17) Copy of all the analysis reports signed by analyst approved by NABL or MoEF&CC shall be annexed with the EIA report and original analysis reports should be presented at the time of presentation.
  - 18) MOU signed between the project proponent and the consultant should be submitted.
  - 19) The lab conducting the analysis should be authenticated and registered.
  - 20) Public hearing to be conducted as per EIA Notification, 2006.
  - 21) A copy of document in support of fact that the proponent is the rightful lessee of the mine should be given.
  - 22) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
  - 23) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
  - 24) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
  - 25) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
  - 26) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
  - 27) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
  - 28) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
  - 29) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
  - 30) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary



- allocation of funds for implementing the same should be made as part of the project cost.
- 31) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
  - 32) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
  - 33) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
  - 34) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
  - 35) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
  - 36) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
  - 37) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
  - 38) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
  - 39) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
  - 40) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The



Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.

- 41) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 42) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 43) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 44) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 45) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 46) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 47) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 48) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 49) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 50) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 51) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 52) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 53) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of

- EMP should be clearly spelt out.
- 54) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
  - 55) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
  - 56) The company must have a system of reporting of non-compliance/violations of environmental norms to the Board of Directors of the company and/ or shareholders or stakeholders at large. This reporting mechanism should be detailed EIA reports.
  - 57) Consultant should bring raw data at the time of presentation.
  - 58) In surface water quality aquatic study of phytoplankton and zooplankton.
  - 59) The baseline data should be signed by NABL/MoEF&CC accredited analyst.
  - 60) The meteorological data should be site specific.
  - 61) Details of Kachcha haul road to be made motorable. Plan should be submitted.
  - 62) Details of the infrastructure facilities to be provided for the mine workers should be included in the EIA report.
  - 63) Besides the above, the below mentioned general points are also to be followed:-
    - a) Executive Summary of the EIA/EMP Report
    - b) All documents to be properly referenced with index and continuous page numbering.
    - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
    - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
    - e) Where the documents provided are in a language other than English, an English translation should be provided.
    - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
    - g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
    - h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
    - i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
    - j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.