

### **Minutes of 469<sup>th</sup> SEAC Meeting Dated 10/06/2020**

The 469<sup>th</sup> meeting of SEAC was held through video/tele-conferencing/ email in view of the Corona Virus Disease (Covid-19) on 10/06/2020. Following members were participate in the online meeting:

1.	Dr. (Prof.) S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Ranjeet Kumar Dalela,	Member
6.	Dr. Ajoy Kumar Mandal,	Member
7.	Prof. S.K. Upadhyay,	Member
8.	Shri Rajive Kumar,	Member
9.	Shri Meraj Uddin,	Member

The Chairman welcomed the members to the 469<sup>th</sup> SEAC meeting which was conducted online. The SEAC unanimously took following decisions on the agenda points discussed:

**1. Modify /Expansion of Residential Complex “Shri Radha Sky Garden” at Plot No.- GH-05, Sector-16B, Greater Noida, District-Gautam Buddha Nagar, M/s S.J.P. Infracon Ltd. File No. 5640/4351/Proposal No. SIA/UP/MIS/52753/2019**

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 Modify /Expansion of Residential Complex “Shri Radha Sky Garden” at Plot No.- GH-05, Sector-16B, Greater Noida, District-Gautam Buddha Nagar, M/s S.J.P. Infracon Ltd.
2. Terms of reference in the matter were issued by SEIAA, U.P. vide letter No.109/parya/SEAC/4706/2018 on dated 13th June 2019.
3. The project has accorded Environmental clearance vide letter No. 1350/Parya/SEAC/1446/2012 AD(H) dated 20 Sept, 2013. The project has been applied under expansion/modification as the plot area has been reduced from 126301.95 sq.m. to 88074.90 sq.m. In this purview the project seeking revision/modification in the Environment Clearance from SEIAA, UP.
4. The baseline monitoring was conducted from 1<sup>st</sup> October, 2019 to 30<sup>th</sup> December, 2019 and final EIA was submitted on 27<sup>th</sup> March 2020.
5. Salient features of the project

S. No.	Details	Proposed (sq m)	Permissible (sq m)
1	Total plot area	88,074.90	
2	Ground coverage	24879.12 (28.17%)	30,826.21 (35% of plot area)
3	FAR Area		
	A- Residential	3,23,675.25 @ 3.67	3,23,675.257 (@3.67
	B- Commercial Area	3080.06 (0.03% of permissible FAR)	3082.62 (0.035% of permissible FAR)
	C- Other services	2089.62	
	D- FAR for services	43,935.29	46,239.32

	(15% additional)	(14.00% of FAR Area)	(15% of FAR Area)
4	Non- FAR		
	Basement Area	105914.16	
	Stilt area	248.15	
5	Built up area (FAR+NON-FAR)	4,35,009.75	
8	Open area	63,195.78	
9	Green area	31,597.89 (50% of open area)	
10	No. of trees	640	
11	No. of units	4110 nos	
12	Population	Residential – 18,495 (@4.5 per unit) Floating – 1849 Staff – 924	
13	Waste water generation	1435 KLD	
14	STP	640 KLD and rest untreated water will be discharged into CSTP.	
15	Fresh water demand	1287 KLD from municipal supply/ground water	
16	Parking	4055 ECS	
17	No of floors	2B+G+30th Floor	

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

#### **RESOLUTION AGAINST AGENDA NO-01**

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

1. The possibility of bio gas should be explored.
2. Anti-smog gun should be used during construction/operation phase.
3. Solar energy to be used as alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
4. Green area shall be compulsorily made available including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of the Divisional Forest Officer.
5. The wastewater generated should be treated properly in a scientific manner i.e. domestic waste water to be treated in STP.
6. The height, Construction built up area of proposed construction shall be in accordance with the FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before 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 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.
14. 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.
15. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
16. Provision shall be made for the construction labour within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, and First Aid Room etc.
17. 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.
18. 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.
19. 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 the 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.
20. No parking shall be allowed outside the project boundary.
21. Digging of the basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with the 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 the natural drainage system of the area is protected and improved.
22. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipment etc. as per National Building Code including measures from lighting.
23. Disposal of muck during the construction phase should not create any adverse effect on the neighboring communities and be disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
24. The diesel generator sets to be used during the construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
25. Ambient noise levels should conform to standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. Adequate measures should be made to reduce ambient air and noise level during the construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
26. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for commercial 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.

27. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
28. Pavements shall be so constructed as to allow infiltration of surface run-off of rainwater. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
29. Rooftop water in the rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that wastewater and stormwater do not get mixed.
30. All the internal drains are to be covered till the disposal point.
31. 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.
32. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

**2. "Emami Nature" at Khellar, District- Jhansi, U.P., Shri Sanjoy Kumar Mohanty, M/s Emami Realty Ltd. File No. 5641/5249/Proposal No. SIA/UP/MIS/52710/2019**

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

1. The Environment clearance is sought for the project Plotted Development "EMAMI NATURE" situated at village- Khailar,, tehsil- Jhansi, district- Jhansi will be developed by M/s Emami Realty Limited.
2. The plot area will be 4,04,680 m<sup>2</sup> (40.468 ha) (Phase 1: 2,18,850 m<sup>2</sup>, Phase 2: 1,85,830 m<sup>2</sup>) and the built-up area will be 4,66,248.46 m<sup>2</sup> (Phase 1: 2,52,638.25 m<sup>2</sup>, Phase 2: 2,13,610.210 m<sup>2</sup>) of the project. Since the built-up area of the project is more than 1,50,000 m<sup>2</sup>. Hence, the project falls under Category B, S.no 8(b) of schedule of EIA Notification, 2006 & its subsequent amendments.
3. The Terms of Reference was granted to the project vide letter no. vide letter no. 620/Parya/SEAC/5248/2018 dated 27.02. 2020. The baseline data has been collected for the Winter season, October to December 2019. The EIA report along with TOR compliance was submitted on 30.03.2020.
4. The proposed land has been allotted to M/s Emami Realty Limited, M/s Emami Estates Pvt. Ltd., M/s Jhansi Properties Pvt. Ltd., M/s Raj Infra Properties Pvt. Ltd., M/s Dev Infracity Pvt. Ltd. M/s Emami Estates Pvt. Ltd., M/s Jhansi Properties Pvt. Ltd., M/s Raj Infra Properties Pvt. Ltd., M/s Dev Infracity Pvt. Ltd. have authorized M/s Emami Realty Limited through a joint venture for the construction and operation of the proposed plotted development.
5. The Change in Land Use from Agricultural to Residential had been granted by Housing and Urban Planning Department vide letter no. 75/8-8-16/45 L.U.C./2016 dated 27th December 2016.
6. The project will include activities such as residential plots (453), LIG/ EWS plots (92), commercial (1), club (1), school (1) and anganwadi (1). After the construction of LIG/ EWS Plots and commercial area, these will be handover to Jhansi Development Authority (JDA) under Mortgage area development. In Phase I activities such as main plots (203), commercial & club will be developed & in Phase II activities such as main plots (250), EWS/LIG (92), school & anganwadi will be developed
7. Land Area Break up:

S.No	Description	Unit	Phase I	Phase II	Total
1	Total Land Area	m <sup>2</sup>	2,18,850.00	1,85,830.00	4,04,680.00
2	Plotted Development Area	m <sup>2</sup>	1,09,895.43	96,163.79	2,06,059.22
3	Area under Plots ( EWS/LIG)	m <sup>2</sup>	-	9,139.00	9,139.00
4	Area under Commercial	m <sup>2</sup>	2,222.00	-	2,222.00
5	Total park area	m <sup>2</sup>	2,693.96	78,323.00	81,016.96
7	Club House Area	m <sup>2</sup>	3,752.00	-	3,752.00
8	School	m <sup>2</sup>	-	595.85	595.85
9	Anganwadi	m <sup>2</sup>	-	607.28	607.28
10	Road area	m <sup>2</sup>	54,770.31	46,517.39	1,01,287.70

**8. Mortgage Area Development:**

S.No	Description
1	External development favour of JDA
2	Internal Development favour of JDA
3	LIG/ EWS, commercial mortgage in favour of JDA

**9. Area details (Phase I) :**

Phase I					
Description	Unit	Plotted	Commercial	Club	Total (Phase I)
Total Ground coverage proposed	m <sup>2</sup>	43958.172	888.8	1125.6	45972.572
Total FAR (proposed)	m <sup>2</sup>	219790.86	3333	3752.000	226875.860
Total Non FAR	m <sup>2</sup>	25000.000	412.390	350	25762.390
BUILTUP AREA	m <sup>2</sup>	244790.860	3745.39	4102.000	252638.250

**10. Summary of Builtup Area:**

Description	Unit	Total Area (Phase I+Phase II)	Percentage
Plotted Development	m <sup>2</sup>	452118.44	96.97
EWS/LIG	m <sup>2</sup>	4969.5	1.07
Commercial Area	m <sup>2</sup>	3745.39	0.80
Club	m <sup>2</sup>	4102	0.88
School	m <sup>2</sup>	645.85	0.14
Anganwadi	m <sup>2</sup>	667.28	0.14
TOTAL	m <sup>2</sup>	466248.46	100.00

**11. Population Details:**

Type	Number	Phase I	Phase II	Total Population (Phase I + Phase II)
Plots (Main)	453 (Phase I- 203 & Phase II-250)	2735	3367	6102
EWS/LIG	92 (Phase II)	-	460	460
Sub total		2735	3827	6562
Staff residential		20	30	50
Visitors		200	300	500
Commercial	FAR/10	333	-	333
Staff	10%	33	-	33
Visitors	90%	300	-	300
Club house	FAR/10	376	-	376
Staff	10%	38	-	38
Visitors (club house)	90%	338	-	338
School	FAR/6	-	100	100
Staff	20%	-	20	20
Student	80%	-	80	80
Aanganwadi		-	50	50
Visitors		400	600	1000
TOTAL		4064	4907	8971

**12. Land Use details: (Land Use break-up Phase I):**

S.No	Description	Area (m <sup>2</sup> )	Area (Acres)	Percentage
1	Total Land Area	218850	54.079	100.0%
2	Plotted Development Area	109895.43	27.156	50.2%

3	Area under Plots ( EWS/LIG)	0	0.000	0.0%
4	Area under Commercial	2222	0.549	1.0%
5	Total park area	2693.9625	0.666	1.2%
6	Club House Area	3752	0.927	1.7%
7	School	0	0.000	0.0%
8	Anganwadi	0	0.000	0.0%
9	Road area	54770.305	13.534	25.0%

**13. Land Use break-up Phase II:**

S.No	Description	Area (m <sup>2</sup> )	Area (Acres)	Percentage
1	Total Land Area	185830	45.920	100.0%
2	Plotted Development Area	96163.79	23.763	51.7%
3	Area under Plots ( EWS/LIG)	9139	2.258	4.9%
4	Area under Commercial	0	0.000	0.0%
5	Total park area	78323	19.354	42.1%
6	Club House Area	0	0.000	0.0%
7	School	595.85	0.147	0.3%
8	Anganwadi	607.28	0.150	0.3%
9	Road area	46517.39	11.495	25.0%

**14. Land Use break-up (Total):**

S.No	Description	Area (m <sup>2</sup> )	Area (Acres)	Percentage
1	Total Land Area	404680	99.999	100.0%
2	Plotted Development Area	206059.22	50.918	50.9%
3	Area under Plots ( EWS/LIG)	9139	2.258	2.3%
4	Area under Commercial	2222	0.549	0.5%
5	Total park area	81016.96	20.020	20.0%
6	Club House Area	3752	0.927	0.9%
7	School	595.85	0.147	0.1%
8	Anganwadi	607.28	0.150	0.2%
9	Road area	101287.69	25.029	25.0%

**15. Services Details:**

Description	Unit	Phase I	Phase II	Total
No. of Plots (Main)	Nos.	203	250	453
Total population	Nos.	4064	4907	8971
Power Source	Dakshinanchal Vidyut Vitran Nigam Limited, Jhansi.			
Total power load	MW			6
Parking provision	ECS	Within Plots	Within Plots	Within Plots
No. of DG Sets	kVA	1 x 600 kVA	2x 600 kVA, 2x 250 kVA	For plots: 2x 600 kVA, 1x 250 kVA For club house and commercial: 1x 600 kVA, 1x 250 kVA
Source of water	Jhansi Division Jal Sansthan			
Total Water requirement	KLD	294	399	693
Fresh water requirement	KLD	184	259	443
Waste water discharge	KLD	217	305	522
Treated water reuse	KLD	110	140	250
Excess treated water	KLD	85	135	220
Modular-STP capacity	KLD			625 (475+150)
Rain water Harvesting Pits	nos.			43
Total solid waste	kg/day	1370	1944	3314
EMP Cost	Rs	Capital-Rs. 127 Lakhs Recurring- 18Lakhs/year	Capital-Rs. 125 Lakhs Recurring- 16.5 Lakhs/year	Capital-Rs. 252 Lakhs Recurring- 34.5 Lakhs/year

CER Cost	Rs	168 lakhs	166 lakhs	334 lakhs
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**16. Water Calculation details (Water Management Phase-I):**

Description	Population	Factor in LPCD	Total	Domestic (in KLD)	Flushing (in KLD)	Wastewater Generation (in KLD)
Domestic						
Resident	2735	86	235	178	57	
Staff	91	45	4	2	2	
visitors	838	15	13	4	8	
Total	3664		252	184	68	
Waste Water Generation				147	68	215
Misc. (Road Washing)			2			2
Gardening			40			Nil
Total Water Requirement			294 KLD			217 KLD

**17. Water Management Phase-II:**

Description	Population	Factor in LPCD	Total	Domestic (in KLD)	Flushing (in KLD)	Wastewater Generation (in KLD)
Domestic						
Resident	3827	86	329	249	80	
School	80	45	4	2	2	
Staff	50	45	2	1	1	
visitors	1350	15	20	7	14	
Total	5307		355	259	96	
Waste Water Generation				207	96	303
Misc. (Road Washing)			3			2
Gardening			41			0
Total Water Requirement			399 KLD			305 KLD

**18. Water Management (Total):**

Description	Population	Factor in LPCD	Total	Domestic (in KLD)	Flushing (in KLD)	Wastewater Generation (in KLD)
Domestic						
Resident	6562	86	564	426	138	
School	80	45	4	2	2	
Staff	141	45	6	4	2	
visitors	2188	15	33	11	22	
Total	8971		607	443	164	
Waste Water Generation				354	164	518
Misc. (Road Washing)			5			4
Gardening	1 lt/m <sup>2</sup>		81			NIL
Total Water Requirement			693 KLD			522 KLD

**19. The proposal falls under category 8(b) of EIA notification, 2006 (as amended).**

**RESOLUTION AGAINST AGENDA NO-02**

**The committee discussed the matter and recommended grant of 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 as alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
2. Green area shall be compulsorily made available including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of the Divisional Forest Officer.
3. The wastewater generated should be treated properly in a scientific manner i.e. domestic waste water to be treated in STP.
4. The height, Construction built up area of proposed construction shall be in accordance with the FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before 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.
5. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
6. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
7. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
8. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
9. 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.
10. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
11. 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.
12. 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.
13. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
14. Provision shall be made for the construction labour within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, and First Aid Room etc.
15. 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.
16. 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.
17. 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 the 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.

18. No parking shall be allowed outside the project boundary.
  19. Digging of the basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with the 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 the natural drainage system of the area is protected and improved.
  20. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipment etc. as per National Building Code including measures from lighting.
  21. Disposal of muck during the construction phase should not create any adverse effect on the neighboring communities and be disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
  22. The diesel generator sets to be used during the construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
  23. Ambient noise levels should conform to standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. Adequate measures should be made to reduce ambient air and noise level during the construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
  24. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for commercial 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.
  25. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
  26. Pavements shall be so constructed as to allow infiltration of surface run-off of rainwater. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
  27. Rooftop water in the rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that wastewater and stormwater do not get mixed.
  28. All the internal drains are to be covered till the disposal point.
  29. 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.
  30. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.
3. **"Group Housing at Plot No.-SC-01/C (A-7 & A-8), Sector-150, Noida, District-Gautam Budhha Nagar, M/s Abet Buildcon Pvt.Ltd. File No. 5504/Proposal No. SIA/UP/MIS/139842/2020**

**RESOLUTION AGAINST AGENDA NO-03**

The committee discussed the matter and observed that environment clearance for "Group Housing at Plot No.-SC-01/C (A-7 & A-8), Sector-150, Noida, District-Gautam Budhha Nagar, M/s Abet Buildcon Pvt.Ltd. has been granted by MoEF&CC, GOI.

**Committee opined that the bifurcation of environment clearance is not possible. Hence Project Proponent/Consultant is advised to apply fresh application for each plot.**

- 4. Group Housing at Plot No.-SC-01/C (A-7 & A-8), Sector-150, Noida, District-Gautam Budhha Nagar, M/s Saha Infratech Pvt.Ltd. File No. 5505/Proposal No. SIA/UP/MIS/139802/2020**

**RESOLUTION AGAINST AGENDA NO-04**

The committee discussed the matter and observed that environment clearance for "Group Housing at Plot No.-SC-01/C (A-7 & A-8), Sector-150, Noida, District-Gautam Budhha Nagar, M/s Abet Buildcon Pvt.Ltd. has been granted by MoEF&CC, GOI.

**Committee opined that the bifurcation of environment clearance is not possible. Hence Project Proponent/Consultant is advised to apply fresh application for each plot.**

- 5. Residential Township at Village-Gopal Khera, Purseni, Mohan LalGANJ, District- Lucknow, U.P., M/s Omega Infrabuild Pvt. Ltd. File No. 5530/Proposal No. SIA/UP/MIS/143078/2020**

**RESOLUTION AGAINST AGENDA NO-05**

The project proponent requested to defer the matter. The committee discussed the matter and directed to defer the matter from the agenda as per request made by the project proponent. The file shall not be treated as pending at SEAC. The matter will be discussed only after submission of online request on prescribed portal.

- 6. Expansion of "Cadence Technology Centre" at Plot No.-57 (A, B & C), 11 & 10 NSEZ, Noida, District- Gautam Budha Nagar,U.P. File No. 5558/Proposal No. SIA/UP/MIS/143278/2020**

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

1. The environmental clearance is sought for Expansion of "Cadence Technology Centre" at Plot No.-57 (A, B & C), 11 & 10 NSEZ, Noida, District- Gautam Budha Nagar,U.P.
2. Salient features of the project:

S. No	Items	Details
1.	Existing Plot Area (Building-01)	9055.0 m <sup>2</sup>
2.	Existing Plot Area (Building-02)	3937.5 m <sup>2</sup>
3.	Existing Plot Area (Building-03)	5031.0 m <sup>2</sup>
4.	Total Plot Area(A)	18,023.5 m <sup>2</sup>
5.	Additional Plot Area	371.2 m <sup>2</sup>
6.	Additional Amalgamated (Expansion) Plot Area	4500 m <sup>2</sup>
7.	Total Plot Area (B)	4871.20 m <sup>2</sup>
8.	Total Plot Area(A+ B)	22,894.70 m <sup>2</sup>
9.	Ground Coverage (Permissible)	12,592.085 m <sup>2</sup> (55%)
10.	Ground Coverage Proposed	10,483.45m <sup>2</sup> (45.79%)
11.	Permissible FAR Area (@1.3)	20,340.87 m <sup>2</sup>
12.	Proposed FAR for New Building	9304.72 m <sup>2</sup>
13.	Purchasable FAR	10,673.30 m <sup>2</sup>
14.	Achieved FAR	31,014.17 m <sup>2</sup>

	(Permissible FAR + Purchasable FAR) (20340.87 m <sup>2</sup> +10673.30 m <sup>2</sup> )	
15.	Stilt Services Basement-1 Basement-2 Total Non-FAR Area	1808.22 m <sup>2</sup> 172.13 m <sup>2</sup> 6720.07 m <sup>2</sup> 3494.4 m <sup>2</sup> 12,194.82 m <sup>2</sup>
16.	Built up Area (FAR + Non-FAR)	43,208.99 m <sup>2</sup>
17.	Open Area	12,411.25 m <sup>2</sup> (54%)
18.	Landscape Area	6354.93 m <sup>2</sup> (27.7 % of Plot area)
19.	Area for road and internal circulation + Services(Paved area)	6056.32 m <sup>2</sup>
20.	Maximum Building Height	20.4 m
21.	Total Nos. of Blocks	4 Blocks (G+4) & 2 Basements
22.	Total Parking	Required-311 ECS Provided-388 ECS
23.	Number of Trees Required (One tree per 100 m <sup>2</sup> of open space) Number of Trees Provided (As per Building Bye Laws)	12,411.25 m <sup>2</sup> /100 m <sup>2</sup> Number of Trees Required =125 trees Number of Trees Provided =131 trees (100 trees already planted)
24.	Total Population(10sqm/Person) 31,014.17 sqm /10 sqm)	3102
25.	Total Water Requirement Domestic Water Requirement STP Capacity	221KLD 150KLD 165 KLD
26.	Solid Waste Generation	847 Kg/day
27.	Power Requirement and Source Backup Power	Power :646 KVA Source-UPPCL (Uttar Pradesh Power Corporation Ltd.) Backup Power- 1DG of capacity 1010KVA

**3. Water & waste water details:**

Fresh water	83 KLD
Flushing	67KLD (Dual Plumbing exist in already constructed blocks)
Horticulture / Landscape	32KLD
DG set cooling	6 KLD
HVAC	33KLD
Recycled water	122KLD
Total water requirement	221KLD
Waste Water	135KLD
Source of Water Supply	Ground Water Supply/Municipal Supply/ Recycled water.
STP Capacity	165 KLD (@ 20% higher capacity) At present the waste water generated from the existing building is being sent to the common STP for entire SEZ area. Now we are proposing STP for the entire project.
STP Technology	MBR
STP Location	2 <sup>nd</sup> Basement

**4. Solid waste generation details:**

S. No.	Particulars	Population	Waste generated (kg/day)
1.	IT/ITES Offices (@0.25 kg/day)	3102	776
2.	Visitors(@0.15 kg/day)	310	46
3.	Maintenance Staff(@0.25 kg/day)	50+50=100	25
Total Solid waste generated			847 Kg/day
Horticulture Waste (6354.93 sq m* 0.0037 kg/sqmt/day)			24 Kg/Day
E-Waste (0.15 kg/C/Yr) + obsolete machinery			1.2 Kg/Day

STP Sludge .04 kg per KLD	6.4 Kg/Day
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5. The proposal falls under category 8(b) of EIA notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-06**

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

1. Anti-smog gun should be used during construction/operation phase.
2. Solar energy to be used as alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. Green area shall be compulsorily made available including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of the Divisional Forest Officer.
4. The wastewater generated should be treated properly in a scientific manner i.e. domestic waste water to be treated in STP.
5. The height, Construction built up area of proposed construction shall be in accordance with the FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before 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.
6. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
7. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
8. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
9. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
10. 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.
11. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
12. 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.
13. 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.
14. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
15. Provision shall be made for the construction labour within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, and First Aid Room etc.
16. 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.
17. 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.

18. 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 the 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.
19. No parking shall be allowed outside the project boundary.
20. Digging of the basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with the 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 the natural drainage system of the area is protected and improved.
21. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipment etc. as per National Building Code including measures from lighting.
22. Disposal of muck during the construction phase should not create any adverse effect on the neighboring communities and be disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
23. The diesel generator sets to be used during the construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
24. Ambient noise levels should conform to standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. Adequate measures should be made to reduce ambient air and noise level during the construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
25. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for commercial 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.
26. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.
27. Pavements shall be so constructed as to allow infiltration of surface run-off of rainwater. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
28. Rooftop water in the rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that wastewater and stormwater do not get mixed.
29. All the internal drains are to be covered till the disposal point.
30. 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.
31. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

7. **Construct Warehouse Project "Reciprocal Logistics Park" at Khasra No.-353,354, 355, 364, 365, 366, 368, 367, 369, 370, 355/738, 223, 221, 220, 222, 373, 372, 374,1550,1548,1546,1547, 1551,1554, 1553,1552,1535,15, Village-Benti and Bhaukapur, Tehsil-Sarojani Nagar, Lucknow.,M/s SNN Infrtech LLP File No. 5576/Proposal No. SIA/UP/MIS/147096/2020**

**RESOLUTION AGAINST AGENDA NO-7**

A presentation was made by the project proponent along with their consultant M/s Earth Protection Group Environmental Consultant Pvt. Ltd. The committee discussed the matter and directed the project proponent to submit following information:

1. Gata mismatch between Form-1 & 1A.
2. Land ownership documents should be provided for all the khasra no. mentioned in the form-1A.
3. Change of land use documents should be provided.

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

8. **"Commercial Tower" at Plot No.-C3-C, Sector-129, Noida, Gautam Buddha Nagar,U.P., M/s Northern Propmart Solutions Ltd. File No. 5605/Proposal No. SIA/UP/MIS/143459/2020**

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 proposed "Commercial Tower" at Plot No.-C3-C, Sector-129, Noida, Gautam Buddha Nagar,U.P. M/s Northern Propmart Solutions Ltd.
2. This is category 8(a) project as built-up area of the project is 70,146.263.00 sqm and plot area of project site is 10527.00 sqm.
3. The proposed project envisages no change in land use as the area has been earmarked for "Commercial Land use" as per the Noida Master Plan 2021.
4. Salient features of the project:

1	Landuse	Commercial as per the Noida Master Plan 2021
2	Nearest Highway	Noida-Greater Noida Expressway- 150 m (NE)
	Nearest Railway	Ghaziabad Railway Station – 16.0 Km (NE)
	Nearest Aiorport	IGI Airport, Delhi – 26.0 km (NW)
3	Nearest railway station	Ghaziabad Railway Station – 16.0 Km (NE)
4	Road and Highway	NH-2 – 8.50 Km in SW direction, NH-91 – 15.0 km in North East direction Noida- Greater Noida Expressway - 150 m in North East direction, Dadri Main Rd – 2.76 Km in NE direction
5	Nearest town/city	Delhi State border Approx. 4.5 Km in West Direction from project site.
6	Nearest airport	IGI Airport, Delhi – 26.0 km (NW)
7	Topography	Flat Topography
8	National parks/wildlife sanctuaries/zoo/monuments	Okhla Bird Sanctuary- 8.10 Km (NW)
9	Seismicity	Seismic Zone-IV

5. Project Details:

S. No.	Items	Area
1	Plot Area	10527 m <sup>2</sup>

2	Ground Coverage	Permissible : 4210.8 m <sup>2</sup> (40 % of plot area) Proposed : 3594.67 m <sup>2</sup>
3	F.A.R	Permissible : 42108 m <sup>2</sup> @4 Additional FAR of 5% for GREEN : 2,105.4 m <sup>2</sup> Total Permissible : 44,213.4 m <sup>2</sup> Proposed : 44,204.18 m <sup>2</sup>
4	Non FAR 15% Facility Area Parking Area	1086.29 m <sup>2</sup> 6488.77 m <sup>2</sup> 18367.01 m <sup>2</sup>
5	Built up (FAR & Non FAR)	70,146.26 m <sup>2</sup>
6	Open Area Green Area Trees (50% evergreen)	6932.32 m <sup>2</sup> 1756.84 m <sup>2</sup> (16.7% of Total Area) 72 (100 m <sup>2</sup> of open area)
7	Maximum height	64.2 m (G+13 above road level)
8	Block detail	2B+ G+13 <sup>th</sup> Floors
9	Parking area	Required Parking : 1ECS@50 sqm of FAR = 884 ECS Provided Parking = 885 ECS
10	Fresh water demand	271 KLD from municipal line
11	STP Capacity	375 KLD for treatment of 309 KLD wastewater

5. The proposal falls under category 8(b) of EIA notification, 2006 (as amended).

#### **RESOLUTION AGAINST AGENDA NO-08**

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

1. Anti-smog gun should be used during construction/operation phase.
2. Solar energy to be used as alternatively on the road and common places for illumination to save conventional energy as per ECBC Code.
3. Green area shall be compulsorily made available including the peripheral green area. Plantation of trees should be of indigenous species and may be as per the consultation of the Divisional Forest Officer.
4. The wastewater generated should be treated properly in a scientific manner i.e. domestic waste water to be treated in STP.
5. The height, Construction built up area of proposed construction shall be in accordance with the FAR norms of the competent authority & it should ensure the same along with survey number before approving layout plan & before 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.
6. "Consent for Establishment" shall be obtained from UP Pollution Control Board.
7. All required sanitary and hygienic measures should be in place before starting construction activities and to be maintained throughout the construction phase.
8. Project proponent shall ensure completion of STP, MSW disposal facility, green area development prior to occupation of the buildings.
9. Municipal solid waste shall be disposed/managed as per Municipal Solid Waste (Management and Handling) Rules, 2016.
10. 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.
11. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

12. 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.
13. 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.
14. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
15. Provision shall be made for the construction labour within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, and First Aid Room etc.
16. 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.
17. 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.
18. 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 the 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.
19. No parking shall be allowed outside the project boundary.
20. Digging of the basement shall be undertaken in view of structural safety of adjacent buildings under information/consultation with the 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 the natural drainage system of the area is protected and improved.
21. The approval of competent authority shall be obtained for structural safety of the buildings due to any possible earthquake, adequacy of fire fighting equipment etc. as per National Building Code including measures from lighting.
22. Disposal of muck during the construction phase should not create any adverse effect on the neighboring communities and be disposed of taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
23. The diesel generator sets to be used during the construction phase should be low sulphur diesel type and should conform to Environments (Protection) Rules prescribed for air and noise emission standards.
24. Ambient noise levels should conform to standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. Adequate measures should be made to reduce ambient air and noise level during the construction phase, so as to conform to the stipulated standards by CPCB/UPPCB.
25. The green area design along the periphery of the plot shall achieve attenuation factor conforming to the day and night noise standards prescribed for commercial 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.
26. The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.



27. Pavements shall be so constructed as to allow infiltration of surface run-off of rainwater. Construction of pavements around trees should be able to facilitate suitable watering, aeration and nutrition to the tree.
28. Rooftop water in the rainy season is to be discharged into RWH pits for ground water recharging. Arrangement shall be made that wastewater and stormwater do not get mixed.
29. All the internal drains are to be covered till the disposal point.
30. 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.
31. Reflecting paint should be used on the roof top and side walls of the building tower for cooling effect.

**9. Expansion of Existing Molasses Based Distillery unit from 60 KLD to 100 KLD & co-generation of power from 2.2 MW TO 4 MW by at Village- Khamaria Pandit, Air Estate, District- Lakhimpur Kheri, U.P., M/s Govind Sugar Mills (GSML) Distillery Unit File No. 5369/4955/Proposal No. SIA/UP/IND2/49557/2015**

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

1. The Environmental clearance is sought for Expansion of Existing Molasses Based Distillery unit from 60 KLD to 100 KLD & co-generation of power from 2.2 MW TO 4 MW by at Village Khamaria Pandit, Air Estate, District- Lakhimpur Kheri, U.P., M/s Gobind Sugar Mills (GSML) Distillery Unit.
2. Terms of reference in the matter were issued by MoEF&CC, Govt. of India vide letter no. 321/Parya/SEAC/4955/2018, dated 02.11.2019
3. Final EIA report submitted by the project proponent on 09.01.2020.
4. Salient features of the project:

Sr No.	Item	Details
1	Name of the Project	GOBIND SUGAR MILLS LIMITED (GSML)(Distillery Unit) Village-Khamaria Pandit, Aira, Estate District- Lakhimpur Kheri, U.P.
2	Capacity of Distillery	Expansion from 60 KLPD to 100 KLPD (Rectified Spirit/Extra Neutral Alcohol/Ethanol)
3	Power Generation	Expansion from 2.2 to 4.0 MW Co- Generation of Power.
4	Category	Category "B" and Schedule - 5 (g)

**5. Project Summary:**

Sr No.	Attributes	Existing 60 KLD capacity	Proposed 100 KLD (60 KLD+40 KLD new) capacity
5	Total Project Area	3.165 Hectare	3.165 Hectare (No additional land required)
6	Green belt area	33% of total land area	Unit will now develop 35% of total area as green belt (1.1 Hectare)
7	No. of working days	310 days per annum (as per existing EC)	360 days per annum
8	Total Project Cost	10738.11 Lakhs	16,571.00 Lakhs
9	Quantity of Molasses	270 T/DAY	450 T/DAY (@4.5 T/ KL of Product) (316 KLD) Adjacent sugar mills/ By road

Sl no.	Attributes	For Existing 60 KLD capacity	For Proposed 100 KLD (60 KLD+40 KLD new) capacity
10	Steam Requirement	19.0 TPH	28.0 TPH

11	Slop fired boiler	01 No Slop fired Boiler Capacity 20 TPH.	Only new 01 no. of Slop fired Boiler Capacity 35 TPH shall be installed.	
12	Fuel Quality & Quantity	Bagasse = 100 TPD + Slop = 175 m3/day	Bagasse = 200 TPD + Slop = 248 m3/day	
13	Air Pollution Control Device	Bag Filters	Bag Filters	
14	Nos. of Stack	1 No. of Stack existing of 80.0 Meters Height.	Only 1 No. of stack of 80.0 Meters Height.	
15	Water Requirement	560 KLD is fresh water requirement for 60 KLD distillery.	600 <u>KLD@6.0</u> KL/KL of Alcohol for industrial use, and 20 KLD for domestic purposes. Total water requirement: 620 KLD.	
16	Spent wash generation	460 KLD @ 7.6 KL/KL of product	600 KLD@6.0 KL/KL of product	
17	Waste Water Treatment	For Spent Wash Treatment: MEE + Incineration (Slop fired Boiler) For Other Effluent (Condensate, Leese , Floor washing , Blow downs) Secondary Treatment Plant is installed to achieve the ZERO DISCHARGE.	For Spent Wash Treatment: MEE + Incineration (Slop fired Boiler) For Other Effluent (Condensate, Leese , Floor washing , Blow downs) Secondary Treatment Plant shall be installed upto tertiary level to achieve the ZERO DISCHARGE.	
18	Solid Waste Generation Ash from Boiler Use:	Total Ash Generated : 37 TPD Fermenter sludge: 50 TPD Use: Total Ash & sludge is being used as manure.	Total Ash Generated : 42.6 TPD Fermenter sludge: 58 TPD Use: Total Ash & sludge shall be used as manure.	
19	Cost towards Environmental protection measures (Capital cost)	Rs. 815 lakhs	Rs. 400 lakhs	Total: 1215 Lakhs
20	Recurring cost towards Environmental control measures.	Rs. 73 Lakhs /Annum	Rs :50 Lakhs/Annum	Total: 125 Lakhs/Annum
21	Corporate Social Responsibility	2% of total annual Profit as per the CSR Act (By Ministry of corporate affairs) Notification GSR 129 (E).		

**6. Land use details:**

SL NO	Land use	Area (sqm)	Area in %
1	Green Belt Area	11000	35
2	Open Land	5624	17
3	Road/ Paved Area	1980	6
4	Rooftop area of building/sheds	13046	42
5	GRAND TOTAL	31650	100

**7. Raw material required with daily consumption and transport:**

SL NO	Particular	Daily Requirements For 100 KL/Day plant	Source of raw material & Mode of Transportation
1	Molasses	450 T/DAY	Adjacent sugar mills/ By road
<b>Others Chemicals Required</b>			
2	Sodium hydroxide (caustic) (kg/day)	250	30.0 days storage will be provided and raw material will be transported through Tankers. .
3	Nutrients (DAP/Fertilizers) (kg/day)	280	
4	Antifoam Agent(kg/day)	20	

**8. Plant and machinery:**

- 1) 100 KLPD Ethanol plant with integrated evaporator and alcohol storage system, MEE

- 2) 35 TPH concentrated spent wash (slop) fired incineration boiler including air pollution control system (Bag Filter)
  - 3) Ash handling system,
  - 4) Fuel handling system
  - 5) Turbo generator & condenser with arrangement for the export of surplus power
  - 6) Power distribution system
  - 7) Cooling towers
  - 8) Plant piping, valves etc
  - 9) Pumps with drive motors
  - 10) ETP /Condensate treatment system
  - 11) Distributed control system
  - 12) Fire fighting system etc.
  - 13) Molasses storage tanks
  - 14) Product storage tanks
  - 15) Weighbridges
  - 16) RCC Chimney
9. Water requirement details:

Water Requirement		
1	Industry Use	600 KLD(@ 6 KL/ KL of product)
2	Domestic Use	20 KLD
3	Total Water Requirement	620 KLD
Source: Ground water (from Tube Domestic well) As per CGWA; area categorization unit falls under safe category for which CGWA NOC Accorded.		

10. Waste water generation:

1	Waste Water Generation	Spent Wash 600 KLPD @ 6 KL/KL of Product Other Effluents: 628 KLD (Condensates)
2	Treatment Technology	For Spent wash: MEE followed by Incineration (Slop fired Boiler) and For Other Effluent: Process Condensate Polishing Plant shall be installed for treatment of various other effluents (Condensate, Lees, Floor washing, Blow downs). Domestic effluent shall be disposed in Soak pit and Septic tank.

11. The project proposal falls under Category “B” and Schedule - 5 (g) of EIA Notification, 2006 (as amended).

**RESOLUTION AGAINST AGENDA NO-09**

**The committee discussed the matter and recommended grant of Environmental clearance for the project proposal along with following general and specific conditions:**

**I. Statutory compliance:**

1. Zero liquid discharge (ZLD) technology should be adopted and no effluent will be discharged outside the premises.
2. 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.
3. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
4. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife
5. 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).
6. 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.

7. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
8. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989

**II. Air quality monitoring and preservation:**

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous).
3. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
4. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
5. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.
6. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
7. The DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
8. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.

**III. Water quality monitoring and preservation:**

1. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD) and connected to SPCB and CPCB online servers.
2. Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).
3. Process effluent /any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
4. The effluent discharge shall conform to the standards prescribed under the Environment
5. (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting
6. Consent under the Air/Water Act, whichever is more stringent.
7. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
8. Industrial/trade effluent shall be segregated into High COD/TDS and Low COD/TDS effluent streams. High TDS/COD shall be passed through stripper followed by MEE and ATFD (agitated thin film drier). Low TDS effluent stream shall be treated in ETP and then passed through RO system.
9. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.

**IV. Noise monitoring and prevention:**

1. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.

2. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules,
4. 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

**V. Energy Conservation measures:**

1. The energy sources for lighting purposes shall preferably be LED based.

**VI. Waste management:**

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
3. The company shall undertake waste minimization measures as below :-
  - I. Metering and control of quantities of active ingredients to minimize waste .
  - II. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
  - III. Use of automated filling to minimize spillage.
  - IV. Use of Close Feed system into batch reactors.
  - V. Venting equipment through vapour recovery system.
  - VI. Use of high pressure hoses for equipment clearing to reduce wastewater generation

**VII. Green Belt:**

1. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.

**VIII. Safety, Public hearing and Human health issues:**

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
3. Training shall be imparted to all employees on safety and health aspects of chemicals handling.
4. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places

**IX. Corporate Environment Responsibility:**

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental / forest /wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation/ violation of the environmental/ forest / wildlife norms I conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive , who will directly to the head of the organization.

4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority.
5. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
6. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

**X. Miscellaneous:**

1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx(ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
5. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
6. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
7. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
10. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
11. Concealing factual data or submission of false /fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
12. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary.
14. The Company in a time bound manner shall implement these conditions.
15. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

16. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
17. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

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

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

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

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

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

**(Shri Rajiv Kumar)**  
**Member**

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

**(Dr. Sarita Sinha)**  
**Member**

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