Proceedings of the 245th SEIAA Meeting held on 07th November 2023 at 10:30 AM at Room No. 709, 7th Floor, Gate IV, M.S Building, Bangalore - 560001.

Members present: -

1. Dr. K. R. Sree Harsha - Chairman, SEIAA
2. Shri. K. N. Shivalinge Gowda - Member, SEIAA
3. Shri. B. P. Ravi, IFS - Member Secretary, SEIAA

The Member Secretary, SEIAA welcomed the Chairman and member and initiated the discussion. The subjects discussed and the decisions made on each of the agenda points are as follows:

245.1. **Fresh Projects (Recommended for EC):**

Construction Projects:

245.1.1. **Residential Development Project at Begur Village and Hulimavu Village, Begur Hobli, Bengaluru South Taluk, Bengaluru by M/s. Suadela Constructions Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/443827/2023 (SEIAA 67 CON 2023)**

M/s.Suadela Constructions Pvt. Ltd. have proposed for construction ofResidential Development Project on a plot area of 1,42,484.388Sq.m. The total built up area is 6,07,340Sq.m. The proposed project consists of 2450 Dwelling Units. Blocks 1, 3 and 4 – 3 Basement Floors + Ground Floor + 27 Upper Floors (Construction Completed), Block 5 - 2 Basement Floors + Ground Floor + 27 Upper Floors(Construction Completed), Block 7A & 7C - 1 Basement Floor + Ground Floor + 27 Upper Floors(7C Construction Completed), Block 7B - 1 Basement Floor + Ground Floor + 12 Upper Floors(Construction Completed), Sports Hall (Block 2) – 1 Basement Floor + Ground Floor + Single Upper Floor(Construction Completed), Clubhouse - I (Block 6) – Ground Floor + 2 Upper Floors(Construction Completed), Clubhouse – II – Ground Floor + Single Upper Floors (Proposed), Block 8 and 9 – 3 Basement Floors + Ground Floor + 33 Upper Floors (Proposed)Total water consumption is 1863 KLD (Fresh water + Recycled water). The total wastewater generated is 1490 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 1100 KLD& 700KLD. The project cost is Rs. 1050 Crores.

Details of the project are as follows:

Sl. No		PARTICULARS	INFORMATION PROVIDED BY PP
1		Name & Address of the Project Proponent	M/s.Suadela Constructions Pvt. Ltd. 7thFloor, SKAV 909 Lavelle, Lavelle Road, Richmond Circle, Bengaluru, 560001
2		Name & Location of the Project	Residential Development Project - Expansion Sy. Nos.321/2B (P), 321/2C (P), 322/1, 323/1(P), 323/3, 323/4, 323/5(P), 323/6, 323/7, 325/1(P), 325/2, 327, 328/1, 328/2(P), 328/3, 328/ 4, 330, 331, 332/2 of Begur Village and Sy.No.19(P) of Hulimavu village, Begur Hobli, Bengaluru South Taluk, Bengaluru
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment, Sports Hall, Amenities and Club House Category 8(b) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	--
	c	Zoning Classification	The Land Use as per Bengaluru Development Authority Revised Master Plan 2015 is Residential
4		New/ Expansion/ Modification/ Renewal	Expansion
5		Water Bodies/ Nalas in the vicinity of project site	As per the Begur and Hulimavu Village Map, Hulimavu Lake abuts the western boundary of the Project Site. 30m Buffer as per BDA Zonal Regulation is earmarked. Also, a Nala is seen along the Southern boundary of the project site and 15m Buffer from centre of the Nala is earmarked. There is a Cart Tract passing through Sy. Nos. 325, 328, 331, and 330 of the project. The same is rerouted after obtaining required permission. Kharab areas (Kunte and Bande) in Sy. No. 332 and 328 are converted for Residential Use by the concerned authority.
6		Plot Area (Sqm)	1,42,484.388Sq.m
7		Built Up area (Sqm)	6,07,340Sq.m

8	FAR • Permissible • Proposed	2.5 2.49
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	1. Blocks 1, 3 and 4 – 3 Basement Floors + Ground Floor + 27 Upper Floors (Construction Completed) 2. Block 5 - 2 Basement Floors + Ground Floor + 27 Upper Floors(Construction Completed) 3. Block 7A & 7C - 1 Basement Floor + Ground Floor + 27 Upper Floors(7C Construction Completed) 4. Block 7B - 1 Basement Floor + Ground Floor + 12 Upper Floors(Construction Completed) 5. Sports Hall (Block 2) - 1 Basement Floor + Ground Floor + Single Upper Floor(Construction Completed) 6. Clubhouse - I (Block 6) – Ground Floor + 2 Upper Floors(Construction Completed) 7. Clubhouse – II – Ground Floor + Single Upper Floors (Proposed) 8. Block 8 and 9 – 3 Basement Floors + Ground Floor + 33 Upper Floors (Proposed)
10	Number of units/plots in case of Construction/Residential Township / Area Development Projects	2450 Dwelling Units (Construction of 1500 Dwelling Units Completed). 950 Dwelling Units to be Constructed.
11	Height Clearance	102m (Max)
12	Project Cost (Rs. In Crores)	1050.00 Crores
13	Disposal of Demolition waster and or Excavated earth	Construction debris of about 7,345Tones will be handled as per Construction and Demolition Waste Management Rules 2016 Excavation will be for providing basements, footings, sump tanks etc. Making use of the slope of about 9m, there will be minimal excavation. After scientific analysis, it is estimated that only about 12,150cum of earth will be excavated. The excavated earth will be used for leveling, backfilling and construction of internal roads. The topsoil of about 8,000cum will be removed separately and used for landscape development within the project.
14	Details of Land Use (Sqm)	

	a.	Ground Coverage Area	19,510.77Sq.m	
	b.	Kharab Land	3,540.96Sq.m	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	39,214.80Sq.m	
	d.	Internal Roads	77,789.75Sq.m	
	e.	Paved area		
	f.	Others Specify	2,428.11Sq.m (Access Road)	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--	
	h.	Total	1,42,484.38Sq.m	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	Treated water from STP set-up for Labour camp at or near Project site	
	b.	Quantity of water for Construction in KLD	10KLD	
	c.	Quantity of water for Domestic Purpose in KLD	20KLD	
	d.	Waste water generation in KLD	17KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	20KLD STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	1,235 KLD
			Recycled	628 KLD
			Total	1,863 KLD
	b.	Source of water	BWSSB, Rooftop Rainwater & Treated Water	
	c.	Waste water generation in KLD	1,490KLD	
	d.	STP capacity& Area required	1100KLD STP is completed and commissioned Area of the STP is 1200Sq.m) 700KLD STP (Proposed). Area earmarked is 850Sq.m	
	e.	Technology employed for Treatment	Sequencing Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Treated water will be used for toilet flushing, landscaping, etc.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	360 cum (Provided). 880cum Proposed	

	b.	No's of Ground water recharge pits	100 Nos.
17		Storm water management plan	Garland drain with 100 Nos. recharge pits are proposed.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	20 kg/day of solid waste shall be disposed through BBMP waste management contractors
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	2,403 kg/day will be composed within the project campus using Organic Waste Converter
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	3,605kg/day of Non Biodegradable waste will be segregated and sold to Local Authorized Recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	2000kg/annum will be handed over to KSPCB Authorized Agencies
	d.	Quantity of E waste generation and mode of Disposal as per norms	100 kg/annum of E Waste will be collected separately and handed over to KSPCB Authorized Agencies.
19		POWER	
	a.	Total Power Requirement - Operational Phase	15MVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	380KVA x 10Nos + 250KVA x 5Nos. + 200KVA x 1No. + 500KVA x 4Nos.
	c.	Details of Fuel used for DG Set	High Speed Diesel (HSD)
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	a.Timer based External Lights b.BEE Star rated electromechanical systems shall be used in the development. c.Solar Water Heating systems for top 2 floor dwelling units d.Use of HF ballast for lighting e.Use of LED light fittings f.Building Orientation; Cross Ventilation. Total Savings – 29.78%
20		PARKING	
	a.	Parking Requirement as per norms	3,103ECS
	b.	Level of Service (LOS) of the	Begur -HulimavuRoad Towards Begur - C

		connecting Roads as per the Traffic Study Report	Begur -HulimavuRoadTowardsHulimavu - C
	c.	Internal Road width (RoW)	8m
21		CER Activities	1.Jobs for local people during construction and operation phase. 2.Free Medical check-up camps will be held 3.Infrastructure creation for sanitation systems to control waterborne diseases 4.Plantation in community areas
22		EMP • Construction phase • Operation Phase	During Construction Phase: Capital Investment – 169.95 Lakhs Recurring Cost – 15.45 Lakhs/ Annum During Operation Phase: Capital Investment – 784.50 Lakhs Recurring Cost – 39.70 Lakhs/ Annum

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for modification and expansion of existing EC issued by SEIAA on 29.03.2016 for BUA of 4,23,715.38 Sqm in plot area of 1,42,484.388Sqm and now it has been proposed for a BUA of 6,07,340 Sqm with no change in plot area. The Proponent has submitted architect certificate dated 05.10.2023 informing that BUA of 3,24,449.89 Sqm has been constructed with reference to the earlier EC and has submitted Certified Compliance Report from MoEF&CC dated 04.07.2023 informing that part of project has been completed and handed over to resident association. Proponent informed the Committee that they were complying with EC conditions and had no observations in the CCR issued by MoEF&CC and for completed construction they have CFO from KSPCB dated 16.09.2022 and approved plan from BDA dated 02.06.2015 and occupancy certificate from BBMP for 1500 units.

The Committee during appraisal sought details regarding water body, drain and foot kahrab as per village map and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that, for the water body in western side they had provided buffer of 30mtr from edge and for the water body inside the plot area in south west, after kharab regularization they had obtained plan approval from BDA on 02.06.2015 without water body (kharab) and for tertiary drains in southern side they have provided buffer of 15 mtrs from center and for cart track road they had obtained reroute order from DC on 17.06.16. For harvesting rain water, the Proponent has proposed 360 cum and 880 cum capacity of sump for runoff from rooftop, landscape and paved areas in addition to 100 recharge pits.

The Proponent informed that they have made provisions to grow and maintain 2300 trees in the project area and provide charging facilities to electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Committee informed the Proponent to use sustainable building materials in the proposed project and harvest rainwater in the project site, for which the Proponent agreed.

The Committee noted that the baseline parameters are found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide RWH tanks of 360 cum & 880c um and 100 recharge pits.
2. To undertake additional plantation in the early stage of construction.
3. Proponent agreed to carry out rejuvenation in the nearby lake.
4. Proponent agreed to source external water from KGWA approved water tankers.
5. To comply with the observations in CCR issued by MoEF&CC.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*

3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *The PP shall undertake additional plantation in the early stage of construction.*
5. *The PP shall carry out rejuvenation of the nearby lake.*
6. *The PP shall source external water from KCWA approved water sources.*
7. *The PP shall comply with the observations of CCR issued by MoEF&CC.*
8. *The PP shall grow 2300 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
9. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
10. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
11. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*

12. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

13. *The PP shall submit water quality reports of the Hulimavu Lake and its classification.*

245.1.2. Residential Apartment and Club House project at Sorahunase Village, VarthurHobli, Banaglore East Taluk, Bangalore by M/s. Adithya Constructions - Online Proposal No.SIA/KA/INFRA2/442123/2023 (SEIAA 171 CON 2023)

M/s. Adithya Constructions have proposed for construction of Residential Apartment and Club House project Project on a plot area of 11,280.51 Sqm. The total built up area is 26,334.37 sqm. The proposed project consists of 160 nos. Building A & Building B in Stilt+G+3 UF and Clubhouse. Total water consumption is 110 KLD (Fresh water + Recycled water). The total wastewater generated is 99 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 100 KLD. The project cost is Rs. 55.00 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. Adithya Constructions, #34, Hagadur Colony, Whitefield Post, Bangalore-560066
2	Name & Location of the Project	Residential Apartment and Club House project at Katha no.956, Sy nos. 69/6,69/8 and 69/9, Ward No.149 of Sorahunase Village, Varthur Hobli, Bangalore East Taluk, Bangalore
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per the EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Tertiary nala on western side of the project site
6	Plot Area (Sqm)	11,280.51 Sqm
7	Built Up area (Sqm)	26,334.37 sqm

8	FAR • Permissible • Proposed		1.75 1.74
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]		
10	Number of units/plots in case of Construction /Residential Township /Area Development Projects		160 nos.
11	Height Clearance		Building Height is Less than 15 mts so Height clearance is not applicable
12	Project Cost (Rs. In Crores)		Rs. 55.0Crores
13	Disposal of Demolition waster and or Excavated earth		No Demolition waste is generated and Excavated earth we used our project site only.
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area		5,609.73 Sqm
b.	Kharab Land		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006		3,963.97 Sqm
d.	Internal Roads		1,707.86 Sqm
e.	Paved area		
f.	Others Specify		NA
g.	Parks and Open space in case of Residential Township/ Area Development Projects		NA
h.	Total		11,280.51 Sqm.
15	WATER		
I.	Construction Phase		
a.	Source of water		BWSSB STP treated water/Nearby STP treated water
b.	Quantity of water for Construction in KLD		25 KLD
c.	Quantity of water for Domestic Purpose in KLD		5 KLD
d.	Waste water generation in KLD		4 KLD
e.	Treatment facility proposed and scheme of disposal of treated water		Mobile sewage Treatment Plant
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	70 KLD

			Recycled	40 KLD
			Total	110 KLD
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	99 KLD	
	d.	STP capacity	100 KLD	
	e.	Technology employed for Treatment	SBR Technology, Area required for STP is 100 Sqmt	
	f.	Scheme of disposal of excess treated water if any	Excess 24 KLD in this we used for floor washing, given to nearby construction activities	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	500 m3 of collection sump is provided Area required for Rain water tank is 500 Sqmt	
	b.	No's of Ground water recharge pits	10 nos.	
17		Storm water management plan	We provided 500 m3 of of roof water collection sump and 10 nos. of recharge pits all along the project site	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Handed over to BBMP authorities	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	216 kg/day converted in to organic manure and used for garden 22 kg/ hr 250 kg/day of capacity Space required is 10 sqmt	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	144 kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80 lts given to PCB authorized recycler	
	d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year given to PCB authorized recycler	
19		POWER		
	a.	Total Power Requirement - Operational Phase	1360 KVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	250 KVA X 2 nos.	
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel	
	d.	Energy conservation plan and Percentage of savings including plan	Total savings of 20.9%	

		for utilization of solar energy as per ECBC 2007	
	20	PARKING	
	a.	Parking Requirement as per norms	185 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report; SH – 35: towards Whitefield is B Towards Gunjur is B
		Internal Road width (RoW)	8.0mtr
	21	CER Activities	To provide infrastructure development of nearby Govt. School.
	22	EMP • Construction phase • Operation Phase	 83.2 Lakhs 195 Lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for residential use as per RMP of BDA.

The Committee during appraisal sought clarification regarding tertiary drain as per village map and rain water harvesting measures in the proposed area. The Proponent informed the Committee that for the tertiary drain in south west they have provided buffer of 15 mtr from center of drain. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of 500 cum capacity for runoff from rooftop, hardscape and landscape areas along with 10 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 150 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 500 cum and 10 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

<u>Additional Condition:</u>

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*

4. *The PP shall grow trees during the construction phase itself.*
5. *The PP shall source external water from KGWA approved water sources etc.*
6. *The PP shall grow 150 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
7. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
8. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
9. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
10. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.3. Mixed-Use Development of "Residential Apartment, Club House and Commercial Building Project at Bellahalli Village, Yelahanka Hobli, Yelahanka Taluk, Bengaluru Urban District by M/s. Ranka Properties Pvt. Ltd.– Online Proposal No.SIA/KA/INFRA2/443697/2023 (SEIAA 181 CON 2023)

M/s. Ranka Properties Private Limited have proposed for construction of Mixed-Use Development of "Residential Apartment, Club House and Commercial Building" Project on a plot area of 19,146.68Sqm. The total built up area is 81,770.66Sqm. The proposed project consists of 410 units Building 1 distributed over Wing A: BF+GF+20UF, Wing B & C: BF+GF+21UF, Building 2 distributed over BF+GF+20UF, Club House: BF+GF+2UF and Commercial building: GF+2UF.Total water consumption is 341 KLD (Fresh water + Recycled water). The total wastewater generated is 307 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 340 KLD. The project cost is Rs. 175.97 Crores.

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. Yash Arun Ranka Director **M/s. Ranka Properties Private Limited**

		1st Floor, Ranka Chambers, No. 31, Cunningham Road, Bengaluru – 560 052.
2	Name & Location of the Project	Mixed-Use Development of "Residential Apartment, Club House and Commercial Building" Project at Sy. Nos. 82/2, 83/2, 84/2, (Old Sy. No. 55), Bellahalli Village, Yelahanka Hobli, Yelahanka Taluk, Bengaluru Urban District – 560 064.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment, Club House and Commercial Building Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
c.	Zoning Classification	As per the BDA RMP-2015, the proposed project site is designated as Industrial Zone and land has beenconverted to residential purpose
4	New/ ~~Expansion/ Modification/ Renewal~~	New
5	Water Bodies/ Nalas in the vicinity of project site	--
6	Plot Area (Sqm)	19,146.68Sqm
7	Built Up area (Sqm)	81,770.66Sqm
8	FAR • Permissible • Proposed	 3.00 2.98
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building 1 distributed over Wing A: BF+GF+20UF, Wing B & C: BF+GF+21UF, Building 2 distributed over BF+GF+20UF, Club House: BF+GF+2UF and Commercial building: GF+2UF
10	Number of units/plots in case of Construction/Residential Township / Area Development Projects	410 units
11	Height Clearance	71.10 m (As per CCZM Map, the permissible height is 91.72 m. and the height achieved for our proposed building is 71.10 m)
12	Project Cost (Rs. In Crores)	Rs.175.97 Crores.
13	Disposal of Demolition waster	Demolition waste debris of quantity 300 m^3 will

	and or Excavated earth	be used for internal road / driveway formation. Total Excavated earth quantity –54,000m³ For Backfilling – 21,751 m³ For Landscaping – 10,845 m³ For Driveway & hardscape – 11,746 m³ For site formation – 9,658 m³	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	3,603.48 Sqm	
b.	Kharab Land	--	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	7,232.56Sqm	
d.	Internal Roads	5,950.80Sqm	
e.	Paved area		
f.	Others Specify	Surface parking area – 1,879.84 Sqm Service area – 480.00 Sqm	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
h.	Total	19,146.68Sqm	
15	WATER		
I.	Construction Phase		
a.	Source of water	The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.	
b.	Quantity of water for Construction in KLD	38KLD	
c.	Quantity of water for Domestic Purpose in KLD	6.75KLD	
d.	Waste water generation in KLD	6.0 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be treated in mobile STP, treated water will be reused for dust suppression/landscaping within the site.	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	225KLD
		Flushing	116KLD
		Total	341KLD
b.	Source of water	BWSSB	
c.	Wastewater generation in KLD	307 KLD	
d.	STP capacity and area required	STP Capacity – 340 KLD and area- 336 Sqm	

	e.	Technology employed for Treatment	Sequential Batch Reactor Technology
	f.	Scheme of disposal of excess treated water if any	Excess 127KLD for construction works/Avenue plantation.
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	150 Cum
	b.	No's of Ground water recharge pits	30Nos.
17		Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain on western side of the project site.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors Construction debris -41 m^3 This will be reused within the site for road and pavement formation.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	404kg/day This will be segregated and processed in proposed organic waste converter with of capacity within the site. OWC capacity 400 kg/day (area 38 Sqm)
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	605 kg/day Recyclable wastes will be handed over to authorized waste recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation:245 L/Annum (0.49 L/ running) hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.

19		POWER				
	a.	Total Power Requirement - Operational Phase	1717kVA			
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 kVA – 2 Nos.			
	c.	Details of Fuel used for DG Set	209.52 l/hr			
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps etc., The overall energy savings is around 24 %			
20		PARKING				
	a.	Parking Requirement as per norms	597 ECS			
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Towards	Existing	Changed
			Thanisandra main Road	Bagalur	C	C
				Nagavara	C	C
	c.	Internal Road width (RoW)	30 m wideThanisandra main road			
21		CER Activities	To carry out development works in Kannuru Lake			
22		EMP • Construction phase • Operation Phase	During Construction: Capital Investment - 13.00Lakh Construction – 74.95Lakh During Operation: Capital investment – 299.23Lakh Operation Investment – 12.0 Lakh/annum			

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for industrial use as per RMP of BDA, for which the Proponent informed that they had obtained conversion of land to residential use from DC.

The Committee during appraisal sought clarification regarding cart track as per village map and rain water harvesting measures in the proposed area. The Proponent informed the Committee that there is existing public road in the area shown as cart track in village map. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of 150 cum capacity for runoff from rooftop, hardscape and landscape areas along with 30 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 150 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 150 cum and 30 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*

4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles for Residential Appartments.*
3. *The project proponent shall provide adequate electrical charging stations/booth for charging E Vehicles commensurate with its usage for commercial Building.*
4. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
5. *The PP shall grow trees during the construction phase itself.*
6. *The PP shall grow trees in the early stage before taking up of construction.*
7. *The PP shall source external water from KGWA approved water sources.*
8. *The PP shall grow 150 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
9. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
10. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
11. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
12. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.4. Commercial (Office) Building project at Mahatma Gandhi Road, Bengaluru by M/s.M.S.Ramaiah Developers & Builders Pvt. Ltd.- Online Proposal No.SIA/KA/INFRA2/442966/2023 (SEIAA 176 CON 2023)

M/s.M.S.Ramaiah Developers & Builders Pvt. Ltd. have proposed for construction of - Development of Commercial (Office) Building project on a plot area of 4,814.00 Sqmt. The total built up area is 22,996.00 Sqmt. The proposed project consists of 2 Basement +Ground+ 7 UF+ Terrace. Total water consumption is 65 KLD (Fresh water + Recycled water). The total wastewater generated is 52 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 55 KLD. The project cost is Rs. 80.00 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	M/s. M.S.Ramaiah Developers & Builders Pvt. Ltd., # 2/4, MSRIT Campus, MSRIT Post, Mathikere, Bangalore-560054
2	Name & Location of the Project	Development of Commercial (Office) Building project at Site No 04, PID No.81-1-4, Mahatma Gandhi Road, Bangalore-560001
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Development of Commercial (office) Building Categorty 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	4,814.00 Sqmt
7	Built Up area (Sqm)	22,996.00 Sqmt
8	FAR • Permissible • Proposed	 3.25 3.24
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Basement +Ground+ 7 UF+ Terrace

10	Number of units/plots in case of Construction/Residential Township / Area Development Projects	NA	
11	Height Clearance	Justification:Existing building of Mittal towers at a distance of 30mtrs from the proposed site area is having height of 49.5mtrs and proposed building is 29.98mtrs	
12	Project Cost (Rs. In Crores)	Rs. 80 Cr.	
13	Disposal of Demolition waster and or Excavated earth	Demolition waste of 1000 cum is given to authorized vendor for further process and Excavated earth we used our project site only.	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	1,950.0Sqmt	
b.	Kharab Land	NA	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,190.0 Sqm	
d.	Internal Roads	1674.0 Sqm	
e.	Paved area		
f.	Others Specify	NA	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
h.	Total	4,814 Sqm	
15	WATER		
I.	Construction Phase		
a.	Source of water	BWSSB treated water/our own STP treated water	
b.	Quantity of water for Construction in KLD	25 KLD	
c.	Quantity of water for Domestic Purpose in KLD	5KLD	
d.	Waste water generation in KLD	4 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Disposed to Existing Sewer line	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	37 KLD
		Recycled	28 KD
		Total	65 KLD
b.	Source of water	BWSSB	

	c.	Waste water generation in KLD	52 KLD
	d.	STP capacity	55 KLD
	e.	Technology employed for Treatment	SBR Technology, Area required for STP IS 55 Sqmt
	f.	Scheme of disposal of excess treated water if any	The treated water in our project only
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	175 m3 of collection sump is provided Area required for Rain water tank is 175Sqmt
	b.	No's of Ground water recharge pits	5 nos.
17		Storm water management plan	We provided 175 m3 of of roof water collection sump and 5nos. of recharge pits all along the project site..
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Handed over to BBMP authorities
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	116kg/day converted in to organic manure and used for garden 16 kg/ hr 120 kg/day of capacity Space required is 10 sqmt
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	174 kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	120-150 lts given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	1120 KW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 2 Nos.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including	Total savings of 14.9%

		plan for utilization of solar energy as per ECBC 2007	
20		PARKING	
	a.	Parking Requirement as per norms	216 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) of the connecting MG Road as per the Traffic Study Report towards Bangalore city is B and towards ORR is B
	c.	Internal Road width (RoW)	8.0
21		CER Activities	To provide infrastructure development of near by Govt. School
22		EMP • Construction phase • Operation Phase	 62.0 Lakhs 125.0 lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of commercial building project in an area earmarked for commercial use as per RMP of BDA.

The Committee during appraisal sought details regarding the existing building and rain water harvesting measures in the proposed area. The Proponent informed the Committee that there is an existing old building which would be demolished after obtaining necessary permission and demolition waste of aroud 1000 cum would be handed over to authorized vendors. For harvesting rain water, the Proponent has informed the Committee that they have proposed a storage tank of 175 cum capacity for runoff from rooftop, hardscape and landscape areas along with 5 recharge pits within the project area.

Further the Committee informed the Proponent to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site to which the Proponent agreed.

The Proponent agreed to grow 60 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 175 cum and 5 recharge pits.
2. To obtain permission from concerned authority for demolition and to handle the C&D waste as per the C&D Waste Management Rules 2016
3. To grow trees in the early stage before taking up of construction.
4. Proponent agreed to source external water from KGWA approved water tankers.

The Authority perused the proposal and took note of the recommendation of SEAC.

Further, the Authority noted the complaint received vide email (rameshgowda19822@gmail.com) dated 05.11.2023. The details are as follows;

" I am writing to bring to your attention some significant concerns and objections regarding the proposed project at Site No 04, PID No.81-1-4, Mahatma Gandhi Road, Bengaluru-56001, which is currently under review by the State Expert Appraisal Committee (SEAC). It has come to my attention that several critical aspects of the project do not adhere to regulatory guidelines, potentially leading to detrimental environmental consequences.

1. Absence of Demolition Waste Management Plan: It has come to our notice that there is a building within the project site, and no demolition waste management plan has been submitted, which is a clear violation of environmental regulations.

2. Tree Preservation Concerns: There is a substantial number of trees within the project site, which raises the necessity for a No Objection Certificate (NOC) for forest clearance to ensure their preservation.

3. Khata Ownership: The Khata ownership is in the name of "The Church of South India Associates" and not " M/s. M. S. Ramaiah Developers & Builders PVT LTD," which needs clarification.

4. STP Location and Design: The Sewage Treatment Plant (STP) is proposed to be located below ground level, which is not in accordance with regulations. Furthermore, the design of the STP appears to lack Biological Nutrient Removal (BNR), a crucial component of sewage treatment.
5. Infeasible STP Location: The STP's proposed location is marked in a position where there is a

ramp, making it physically infeasible. A landscape.pdf document has been uploaded in portal from which we can understand this claim.

6. Hygiene Concerns: Form 1A, Section 2.12, mentions that sewage produced will be directed into the sewer line, raising hygiene concerns especially in the MG Road area.

7. Environmental Sensitivity: In Form 1(I), every column indicating environmental sensitivity is marked as 'nil,' which suggests a lack of due diligence by the consultant. This is problematic, especially when there is clear evidence of drainage and forest within a 15 km radius.

8. Excessive Noise Levels: Noise level tests indicate that the Leq value exceeds the prescribed limit of 65 dBA, registering at 77 dBA during the daytime. It is concerning that there are no proposed mitigation measures to address this issue. Given the presence of trees within the site, preserving the natural noise attenuation provided by these trees is recommended.
In light of these concerns, I kindly request SEAC to thoroughly assess and scrutinize the proposed project, ensuring that it aligns with all the requisite environmental and regulatory standards. The potential negative impacts on the environment and public health should not be underestimated.

I sincerely hope that the SEAC will consider these issues and take appropriate actions to rectify the shortcomings in the project proposal. The environment and the well-being of the people in the area should remain of paramount importance.

Thank you for your attention to these concerns, and I look forward to a favorable resolution to this matter".

The Authority after discussion and examination of the documents decided to refer the file back to SEAC to reexamine the proposal in the light of the complaint received and take appropriate decision after seeking necessary clarification.

245.1.5. Residential Apartment Project at Chikkanayakanahalli Village, VarthurHobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. MSR Shelters LLP – Online Proposal No.SIA/KA/INFRA2/441639/2023 (SEIAA 172 CON 2023)

M/s. MSR Shelters LLP have proposed for construction of "Residential Apartment"Project on a plot area of 6,563.71Sqm. The total built up area is 23,925.93Sqm. The proposed project consists of 154 units Tower 1 & 2 distributed overBF+GF+7UF. Total water consumption is 105 KLD (Fresh water + Recycled water). The total wastewater generated is 95 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 100 KLD. The project cost is Rs. 47.00 Crores.

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	Mr. M. S. Subramani, Designated Partner **M/s. MSR Shelters LLP** No. 32/3, Chikkanayakanahalli,

		Varthur Hobli, Bengaluru – 560 035.
2	Name & Location of the Project	**"Residential Apartment" Project at** Sy. No. 7/4, Chikkanayakanahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru Urban District – 560 035.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential units Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
c.	Zoning Classification	As per the BDA RMP-2015, the proposed project site is designated as Residential Main Zone & also land has been converted to Residential purpose.
4	New/ ~~Expansion/ Modification/ Renewal~~	New
5	Water Bodies/ Nalas in the vicinity of project site	--
6	Plot Area (Sqm)	6,563.71Sqm
7	Built Up area (Sqm)	23,925.93Sqm
8	FAR • Permissible • Proposed	 2.25 2.25
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower 1 & 2 distributed overBF+GF+7UFwith a maximum height of 23.97 m.
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	154 units
11	Height Clearance	23.97 m (As per CCZM, the permissible height is 37.5 m AMSL and the height achieved for our proposed building is 23.97 m).
12	Project Cost (Rs. In Crores)	Rs. 47Crores
13	Disposal of Demolition waster and or Excavated earth	Total Excavated earth quantity -14,056m^3 For Backfilling – 3,877m^3 For Landscaping – 2,690 m^3

		For Driveway & hardscape - 2,326 m^3 For site formation - 5,163 m^3	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	3,332.29Sqm	
b.	Kharab Land	Foot Kharab area - 101.17 Sqm	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,680.92 Sqm	
d.	Internal Roads	1,449.33Sqm	
e.	Paved area		
f.	Others Specify	-	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
h.	Total	6,563.71Sqm	
15	WATER		
I.	Construction Phase		
a.	Source of water	The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.	
b.	Quantity of water for Construction in KLD	17 KLD	
c.	Quantity of water for Domestic Purpose in KLD	4.5KLD	
d.	Waste water generation in KLD	4.0 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for dust suppression/ landscaping within the site.	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	70KLD
		Flushing	35KLD
		Total	105KLD
b.	Source of water	Halanayakanahalli Gram Panchayath	
c.	Wastewater generation in KLD	95 KLD	
d.	STP capacity and Area required	STP Capacity -100KLDand area - 110 Sqm	
e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
f.	Scheme of disposal of excess treated water if any	Excess 44KLD for construction works/Avenue plantation.	

16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	150Cum
	b.	No's of Ground water recharge pits	13Nos.
17		Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain on northern & southern side of the project site.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors Construction debris -12 m^3 This will be reused within the site for road and pavement formation.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	126kg/day This will be segregated at household levels and will be processed in proposed organic waste converter with of capacity 150 kg/day (area 18.75 Sqm).
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	190kg/day Recyclable wastes will be handed over to authorized waste recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation:110 L/Annum (0.22 L/ running) hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.
19		POWER	
	a.	Total Power Requirement - Operational Phase	583kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	200 kVA - 1 No. & 250 kVA - 1 No.

	c.	Details of Fuel used for DG Set	94.28 l/hr
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Cu. Wound transformer, Solar Lights, solar water heater, LED,etc. The overall energy savings is around 30%
20		PARKING	
	a.	Parking Requirement as per norms	176 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road | Towards | Existing | Changed Approach Road | A | A Gattahalli Road | B | B Sarjapura Road | Sarjapura | D | B Sarjapura Road | ORR | D | B
	c.	Internal Road width (RoW)	wide existing approachroad
21		CER Activities	Recharge of Borewells in Chikkanayakanahalli Village
22		EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 9.50Lakh Construction – 38.78Lakh During Operation: Capital investment – 140.68Lakh Operation Investment – 20.0 Lakh/annum

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for residential use as per RMP of BDA.

The Committee during appraisal sought details regarding foot kharab as per village map and rain water harvesting measures in the proposed area. The Proponent informed the Committee that the foot kharab is rerouted to the project boundary as per the Orders of DC dated 24.07.2023. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of 150 cum capacity for runoff from rooftop, hardscape and landscape areas along with 13 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 85 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 150 cum and 13 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site
5. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*

5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *The PP shall grow trees during the construction phase itself.*
5. *As agreed Proponent shall source external water from KGWA approved water sources.*
6. *To grow trees in the early stage before taking up of construction.*
7. *As agreed Proponent shallcarry out community recharge of bore wells in the vicinity of the site.*
8. *The PP shall grow 180 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
9. *As agreed Proponent shallconstruct lead of drains till the natural drains/water body for handling excess water.*
10. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
11. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
12. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*

13. The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.

245.1.6. Residential Apartment with Amenity Block Project at Kodathi Village, VarthurHobli, Bangalore East Taluk, Bangalore by M/s. Ramsons Trend Squares Realty LLP – Online Proposal No.SIA/KA/INFRA2/442444/2023 (SEIAA 177 CON 2023)

M/s. Ramsons Trend SquaresRealty LLP have proposed for construction of Residential Apartment with Amenity Block project on a plot area of 26557.12 Sqm. The total built up area is 1,43,571.67 Sqmt. The proposed project consists of 600 nos Tower A,B,C,D,E,F, and Amenity Block 2B+G+24 UF. Total water consumption is 560 KLD (Fresh water + Recycled water). The total wastewater generated is 510 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 510 KLD. The project cost is Rs. 220 Crores.

Details of the project are as follows:

Sl. No		PARTICULARS	INFORMATION Provided by PP
1		Name & Address of the Project Proponent	M/s. Ramsons Trend SquaresRealty LLP, Sy No. 96/2,BNE MD 236, Varthur, Kodathi, Hadosiddapura, Bangalore Urban-560035
2		Name & Location of the Project	Residential Apartment with Amenity Block project at Sy. No. 96/1(p), Kodathi village, Varthur hobli, Bangalore east taluk, Bangalore.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	Adjacent lake is there in Village map we left 30 mts Buffer. We maintain No Development Zone.
6		Plot Area (Sqm)	The plot area of the proposed project is about 26557.12 Sqm. Kaludharikharab Area is 885.23 sqm, Road Widening area is 1043.34,

		Net site area is 24,628.55 Sqmt	
7		Built Up area (Sqm)	1,43,571.67 Sqmt
8		FAR • Permissible • Proposed	4.2 (Including TDR) 4.03
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower A,B,C,D,E,F, and Amenity Block 2B+G+24 UF
10		Number of units/plots in case of Construction/Residential Township / Area Development Projects	600 nos
11		Height Clearance	Justification: At an aerial distance of 270m, there is existing building of Sobha Royal pavilion for top elevation of 1007m AMSL and proposed building is having top elevation of 996.5m AMSL
12		Project Cost (Rs. In Crores)	Rs.220 cr
13		Disposal of Demolition waster and or Excavated earth	No Demolition waste is generated and Excavated earth we used our project site only.
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	4,876.62 Sqm
	b.	Kharab Land	885.23 sqm,
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	7388.56 Sqm
	d.	Internal Roads	12,363.37 Sqm
	e.	Paved area	
	f.	Others Specify	Road Widening area is 1043.34, sqm
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	26,557.12 Sqm
15		WATER	
	I.	Construction Phase	
	a.	Source of water	BWSSB STP treated water/Nearby STP treated water
	b.	Quantity of water for	25 KLD

		Construction in KLD		
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	376 KLD
			Recycled	184 KLD
			Total	560 KLD
	b.	Source of water	Grampanchyath	
	c.	Waste water generation in KLD	510 KLD	
	d.	STP capacity	510 KLD	
	e.	Technology employed for Treatment	SBR Technology, Area required for STP is 550 Sqmt	
	f.	Scheme of disposal of excess treated water if any	Excess 240KLD in this we used for floor washing, given to nearby construction activities	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	430 Cum. (220 Cum x 2 No) of collection sump is provided Area required for Rain water tank is 500 Sqmt	
	b.	No's of Ground water recharge pits	14 nos.	
17		Storm water management plan	To provide 430 Cum. (220 Cum x 2 No) of of roof water collection sump and 14 recharge pits all along the project site	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Handed over to BBMP authorities	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	595kg/day converted in to organic manure and used for garden 60 kg/ hr 600 kg/day of capacity Space required is 15sqmt	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	893 kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste	100-150 lts given to PCB authorized	

		generation and mode of Disposal as per norms	recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	200 kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	2580 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	650 kVA X 2 No and 500 KVA X 1 nos
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 25%
20		PARKING	
	a.	Parking Requirement as per norms	658 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) of the connecting Sarjapura Road as per the Traffic Study Report towards Sarjapura is B and towards ORR is B
	c.	Internal Road width (RoW)	8.0mtr
21		CER Activities	To provide infrastructure development of nearby Govt. School.
22		EMP • Construction phase • Operation Phase	 72.2 Lakhs 421 Lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for commercial use as per RMP of BDA, for which Proponent informed that as per the zoning regulation residential use is permitted in an area earmarked for commercial development.

The Committee during appraisal sought details regarding foot kharab and water body as per village map and rain water harvesting measures in the proposed area. The Proponent informed the Committee that the foot kharab is rerouted to the project boundary as per the Orders of DC dated 28.09.2018 and has provided buffer of 30 mtrs from edge for the water body in East. For harvesting rain water, the Proponent has

informed the Committee that they had proposed storage tank of 2x220 cum capacity for runoff from rooftop, hardscape and landscape areas along with 14 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 310 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide rain water storage tank of capacity 2x220 cum and 14 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site
5. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*

2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *The PP shall grow trees during the construction phase itself.*
5. *As agreed Proponent shallsource external water from KGWA approved water sources.*
6. *To grow trees in the early stage before taking up of construction.*
7. *As agreed Proponent shallcarry out community recharge of bore wells in the vicinity of the site.*
8. *The PP shall grow 310 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
9. *As agreed Proponent shallconstruct lead of drains till the natural drains/water body for handling excess water.*
10. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*

11. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
12. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
13. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*
14. *The rerouted Right of Way as provided in the Village Map shall be left as free access with a display board indicating the Right of Way. The display board shall be provided both at entry and exit of Right of Way.*

245.1.7. Residential Apartment with Clubhouse Project at Kodigehalli Village & Sadaramangala Village, K.R.PuramHobli, Bangalore East Taluk, Bangalore Urban District by M/s. Vaishno Builders – Online Proposal No.SIA/KA/INFRA2/441107/2023 (SEIAA 175 CON 2023)

M/s. Vaishno Builders have proposed for construction of Construction of residential apartment with clubhouse" Project on a plot area of 15,314.10 Sqm. The total built up area is 49,995 Sqm.. The proposed project consists of 292 No's. Residential apartment – BF+GF+13UF+TF and Club House- GF+FF. Total water consumption is 204 KLD (Fresh water + Recycled water). The total wastewater generated is 174 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 195 KLD. The project cost is Rs. 33.00 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATIONPROVIDED BY PP
1	Name & Address of the Project Proponent	Mrs. Veena Vendoti, Managing Partner M/s. Vaishno Builders Sy no 86/1A, Hoodi village, Bangalore 560048.
2	Name & Location of the Project	"Construction of residential apartment with clubhouse" at Sy nos. 17/2, 17/3, of Kodigehalli village & sy. nos. 24/2, 34/1, 34/2, 34/3, 34/4, 35, 36 of Sadaramangala village, K.R.Puramhobli, Bangalore east taluk, Bangalore urban district,
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/	"Construction of Residential Apartment with Clubhouse" Category 8(a) as per EIA Notification 2006

		ITES/ Mall/ Hotel/ Hospital /other	
	b.	Residential Township/ Area Development Projects	Not Applicable
	c	Zoning Classification	Proposed project site comes under residential (main) zone and protected land as per Bangalore Revised Master Plan 2015 of 3.14 Sadaramangala but obtained the sensitive clearance NOC from the BDA on 27.12.2022
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	Tertiary nala passes within the project site. As per RMP 2015, byelaw;
6		Plot Area (Sqm)	15,314.10 Sqm
7		Built Up area (Sqm)	49,995 Sqm.
8		FAR • Permissible • Proposed	2.25 2.24
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	▪ Residential apartment - BF+GF+13UF+TF- 42.90m ▪ Club House- GF+FF- 6.90m
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	292 No's
11		Height Clearance	Project site elevation – 895 m Building Height – 42.90 m Maximum building height: 937.9 m
12		Project Cost (Rs. In Crores)	33 Crores
13		Disposal of Demolition waster and or Excavated earth	NA
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	4,530.08 Sqm
	b.	Kharab Land	227.63
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	5,246.58 Sqm
	d.	Internal Roads	4,922.39 Sqm
	e.	Paved area	
	f.	Others Specify	Road widening area – 387.42 Sqm

	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--	
	h.	Total	15,314.10Sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	STP treated water for construction purpose & Tanker water for domestic purpose.	
	b.	Quantity of water for Construction in KLD	10 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in Mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	135 KLD
			Recycled	69 KLD
			Total	204 KLD
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	174 KLD	
	d.	STP capacity & Area required	195 KLD	
	e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology	
	f.	Scheme of disposal of excess treated water if any	Available treated water - 165 KLD (95% of sewage water) For flushing -69 KLD For gardening - 32 KLD For Car washing - 15 KLD Other construction purpose - 49 KLD	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	2X170 Cum (2 Days storage)	
	b.	No's of Ground water recharge pits	25 No's	
17		Storm water management plan	• Land is gently sloping terrain and sloping towards south-west direction. • Separate and independent rainwater drainage system will be provided for collecting rainwater from terrace and paved area, lawn & roads.	
18		WASTE MANAGEMENT		

	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Quantity – 10 kg/day Solid waste will be generated and collected manually and handed over to local body for further processing
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity – 272 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 8.7 kg/day will be reused as manure for greenery development purposes.
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	Quantity – 407kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil of 525.6 l/annum will be generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.
19		POWER	
	a.	Total Power Requirement - Operational Phase	BESCOM – 974 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2X500 kVA
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as solar energy, VFD drive lifts, energy efficient motors, copper wound transformer, LED lights are proposed in the project -23%.
20		PARKING	
	a.	Parking Requirement as per norms	322 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Towards Kodigehalli C Towards Belathur C
	c.	Internal Road width (RoW)	8 mtr
21		CER Activities	1. Providing the following necessary materials to the Govt. Higher Primary school

		Sadaramangala, Bengaluru (623 m -SW): Expansion of existing school building along with providing better sanitary facilities. RO unit for drinking Providing chairs, tables, desks, cupboards and bookshelves for all classrooms Providing uniforms and shoes to children 2. Nala stabilization
22	EMP • Construction phase • Operation Phase	Construction phase – 27.35 lakhs Operational Phase – 229.3 lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for residential use as per RMP of BDA.

The Committee during appraisal sought details regarding drain as per village map, sensitive zone as per RMP of BDA and rain water harvesting measures in the proposed area. The Proponent informed the Committee that the tertiary drain is rerouted to the project boundary as per the Orders of DC dated 14.07.2023 for which buffer of 15mtrs is provided from the center of the rerouted drain and for the secondary drain in south, buffer of 25mtrs is proposed from the center of the drain. For sensitive zone, Proponent informed that they had obtained sensitive zone clearance from BDA on 27.12.2022. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of 2x170cum capacity for runoff from rooftop, hardscape and landscape areas along with 25 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and toharvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 300 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide rain water storage tank of capacity 2x170 cum and 25 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

<u>Additional Condition:</u>

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*

2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *To grow trees in the early stage before taking up of construction.*
5. *As agreed Proponent shallsource external water from KGWA approved water sources.*
6. *The STP shall be provided with Mechanical Ventilation system with appropriate provision for fresh air and exhaust.*
7. *The PP shall grow 300 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
8. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
9. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
10. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
11. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.8. Construct private Room Block, Auditorium Block, Hostel Block, Anex Block, Attender Block and Sick Room Block in additions to Existing Hospital Building with 605 beds capacity Project at Site No.5, PID No.77-124-5, ST Marthas Hospital Nrupathunga Road Ward No.110 Bangalore by M/s. ST. Marthas Hospital – Online Proposal No.SIA/KA/INFRA2/443447/2023 (SEIAA 178 CON 2023)

M/s. ST. Marthas Hospital, have proposed for construction of Construct private Room Block, Auditorium Block, Hostel Block, Anex Block, Attender Block and Sick Room Block in additions to Existing Hospital Building with 605 beds capacity Project on a plot area of 62521.05 Sqm.. The total built up area is 74,641.56 Sqm. The proposed project consists 605 Nos of Beds with Proposed Building Configuration Private Room Block- B+G+3UF, Auditorium Block –B+GF, Hostel Block –G+3UF, Anex Block - B+G+3UF, Attender Block - B+G+2UF, Sick Room Block-G+2UF. Total water

consumption is 300 KLD (Fresh water + Recycled water). The total wastewater generated is 270 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 300 KLD. The project cost is Rs. 65.00 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	M/s. ST. Marthas Hospital, Nrupathunga Road, Ward No. 110, Bangalore
2	Name & Location of the Project	Construct private Room Block, Auditorium Block, Hostel Block, Anex Block, Attender Block and Sick Room Block in additions to Existing Hospital Building with 605 beds capacity By ST.Marthas Hospital, Nrupathunga Road, Ward No. 110, Bangalore
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Hospital Building Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	Total land area is 62521.05 Sqm. Road Widening area 724.77 sqm. Net site area is 61796.28 sqm.
7	Built Up area (Sqm)	Total Built up area: 74,641.56 Sqm, (Existing is 32755.48 sqm and Proposed is 41886.08 sqm)
8	FAR • Permissible • Proposed	 3.0 0.94
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed Building Configuration Private Room Block- B+G+3UF Auditorium Block -B+GF Hostel Block –G+3UF Anex Block - B+G+3UF Attender Block - B+G+2UF Sick Room Block-G+2UF

10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	605 Nos of Beds	
11		Height Clearance	Low rise building height less than 15mtr	
12		Project Cost (Rs. In Crores)	Rs. 65 cr.	
13		Disposal of Demolition waster and or Excavated earth	No Demolition waste is generated and Excavated earth we used our project site only.	
14		Details of Land Use (Sqm)		
	a.	Ground Coverage Area	23,760.96 Sqm	
	b.	Kharab Land		
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	15,449 Sqm	
	d.	Internal Roads	22,586.32 Sqm	
	e.	Paved area		
	f.	Others Specify	Road Widening area is 724.77 sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	62,521.05 Sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	Our Existing STP treated water	
	b.	Quantity of water for Construction in KLD	50 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	8 KLD	
	d.	Waste water generation in KLD	6 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	existing STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	175 KLD
			Recycled	125 KLD
			Total	300 KLD
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	270 KLD	
	d.	STP capacity	300 KLD	
	e.	Technology employed for	SBR Technology, Area required for CETP is	

		Treatment	300 Sqmt
	f.	Scheme of disposal of excess treated water if any	NA
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	170 m3 of 6 nos of collection sump is provided in each building, Area required for Rain water tank is 980 Sqmt
	b.	No's of Ground water recharge pits	25nos
17		Storm water management plan	170 m3 of 6 nos collection sump for each tower for roof water collection sump and 25 recharge pits all along the project site
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Handed over to BBMP authorities
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	372 kg/day converted in to organic manure and used for garden 37 kg/ hr 400 kg/day of capacity Space required is 10sqmt
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	249 kg/day given to PCB authorized recycler Cytotoxic drug and chemical waste - 20kg/day - given to PCB authorized recycler Soild waste viz., Infected Dressings and POP Casts-142 kg/day - given to PCB authorized recycler Anatomical waste such as Placenta, Pathological waste and body parts-210 kg/day- given to PCB authorized recycler Infected Plastics viz., Syringes, Gloves & Plastic waste-20 kg/day- given to PCB authorized recycler Sharps like needles and cut glasses -10 kg/dav- given to PCB authorized recycler
	c.	Quantity of Hazardous Waste	100-150 0 lts given to PCB authorized

		generation and mode of Disposal as per norms	recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year given to PCB authorized recycler
	e.	Bio Medical Waste	Existing and proposed quanityt of 402kg/day is handed over to authorized vendor
19		POWER	
	a.	Total Power Requirement - Operational Phase	2000 kw
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	125 KVA X 1 Nos. 400 KVA X 1 Nos , 320 KVA X 1Nos
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total saving 20%
20		PARKING	
	a.	Parking Requirement as per norms	599 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report: District office road is D Nrupathunga Road is D
	c.	Internal Road width (RoW)	8.0tr
21		CER Activities	Hospital is a charitable Hospital
22		EMP • Construction phase • Operation Phase	 13.7 Lakhs 136.4 Lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for expansion of existing hospital building. The Proponent informed that the existing building with BUA of 31,913.43Sqm for 550 beds in plot area of 62,521.05Sqm was constructed prior to EIA Notification 2006, as per the approved plan by BBMP on 11.09.2002 and obtained CFO from KSPCB on 14.10.2022 and presently proposed for BUA of 74,641.56 Sqm for 605 beds within the existing plot area.

The Committee during appraisal sought details regarding biomedical waste generated and its handling and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that about 402 kg/day of Bio-Medical waste would generate and it will be handed over to the KSPCB authorized vendor M/s. Anu Autoclave and Incin Services. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of 6x170cum capacity for runoff from rooftop, hardscape and landscape areas along with 25 recharge pits within the project area.

Further the Committee informed the Proponent to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 780 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 6x170 cum and 25 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Bio Medical waste generated to be handled as per BMWM Rules 2016

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*

2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
3. *To grow trees in the early stage before taking up of construction.*
4. *As agreed Proponent shallsource external water from KGWA approved water sources.*
5. *Bio Medical waste generated shall be handled as per BMWM Rules 2016*
6. *The PP shall grow 780 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
7. *The PP shall adhere to all the conditions of the EC during operation phase and also ensure submission of half Yearly Compliance report without lapse.*
8. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
9. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
10. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

11. *The proponent shall establish a separate pre-treatment of Biomedical Liquid waste and the treated effluent shall be free from pathogens and disposed off as per Bio-Medical Waste (Management & Handling) Rules, 1998.*

12. *The PP shall also install a pre-treatment facility for effluents generated from laundry (if provided) and the treated effluent shall be combined with pre-treated sewage in the STP for further treatment and disposal.*

245.1.9. Residential / Commercial Building Project at Katamanallur Village, BidarahalliHobli, Bangalore East Taluk, Bengaluru by M/s. SBR Marathon – Online Proposal No.SIA/KA/INFRA2/419024/2023 (SEIAA 55 CON 2023)

M/s. SBR Marathon, have proposed for construction of Residential Apartment Building Project on a plot area of 8,144.23 sq.m.. The total built up area is 33,943.19 sq.m. The proposed project consists of Residential Apartment Building comprising of 1 Building having Basement Floor + Ground Floor + 14 Upper Floors + Terrace Floor with total of 210 units. Total water consumption is 146.48KLD (Fresh water + Recycled water). The total wastewater generated is 139.15KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 140 KLD. The project cost is Rs. 66 Crores.

Details of the project are as follows:

Sl. No		PARTICULARS	INFORMATIONPROVIDED BY PP
1		Name & Address of the Project Proponent	Mr. T Angala Venugopal Managing Partner, M/s. SBR Marathon, Office at: Sy No. 24/5,Kadugodi – Hosakote Main Road, Seegehalli Village, Bidarahalli Hobli, Bangalore – 560067
2		Name & Location of the Project	Residential Apartment Building by M/s.SBR Marathon at Sy No. 60/17 & 60/2, Katamanallur Village, Bidarahalli Hobli, Bangalore East Taluk, Bengaluru.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Building Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
	c	Zoning Classification	
4		New/ Expansion/ Modification/ Renewal	New

5	Water Bodies/ Nalas in the vicinity of project site	Kunte 30.00 mts away from the project site. Kattamnallur Lake – 0.19 Kms (S)
6	Plot Area (Sqm)	8,144.23 sq.m.
7	Built Up area (Sqm)	33,943.19 sq.m
8	FAR • Permissible • Proposed	 3.25 3.20
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Apartment Building comprising of 1 Building having Basement Floor + Ground Floor + 14 Upper Floors + Terrace Floor with total of 210 units
10	Number of units/plots in case of Construction/Residential Township / Area Development Projects	210 units
11	Height Clearance	Site Elevation in AMSL : 877 Permissible top elevation in AMSL : 1035 Difference in meters : 158 Height proposed : 44.95 m
12	Project Cost (Rs. In Crores)	Rs.66 Crores
13	Disposal of Demolition waster and or Excavated earth	Excavated Earth

Details	Quantity Inm3
Quantity of excavated soil	34,580.42
Excavated earth disposal details	
Back filling for footings	17,290.21
Site filling required	4,814.31
Back filling for retaining wall	9,824.77
Top soil for Landscaping	1,362.19
Filling for internal roads	1,288.94
Total	34,580.42

14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	1,962.74 Sq.m
	b.	Kharab Land	1,367.18 Sqm
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,236.43 sq.m
	d.	Internal Roads	2,577.88 sq.m

	e.	Paved area		
	f.	Others Specify	--	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	8,144.23 Sq.m.	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	Nearby treated water suppliers	
	b.	Quantity of water for Construction in KLD	50 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD	
	d.	Waste water generation in KLD	8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the constructionphasewill be treated in the Mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	99.23 KLD
			Recycled	47.25 KLD
			Total	146.48 KLD
	b.	Source of water	Gram Panchayat	
	c.	Waste water generation in KLD	139.15 KLD	
	d.	STP capacity& Area required	140 KLD & 102 Sq.m.	
	e.	OWC Area & Capacity	85 Sq.m. & 5 Tons	
	f.	Technology employed for Treatment	SBR Technology	
	g.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	106Cu.m.	
	b.	No's of Ground water recharge pits	7 Nos.	
17		Storm water management plan	The storm water from the site will be collected byrainwater harvesting system and will be used forrecharging the ground water	
18		WASTE MANAGEMENT		

	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic andinorganic waste. Organic waste will be converted inorganic convertor. Inorganic solid waste will behanded over to authorized recyclers.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	252.0 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	168.0 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation to be handed over to authorized vendors.
19		POWER	
	a.	Total Power Requirement - Operational Phase	1000 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X1000 kVA
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	• Energy saved by using Solar water Heater : 50,000 kWH/ Year.....(a) • Solar Power Generation : • In non-monsoon season 200kWH x 30 x 8 Months = 48,000kWH • In monsoon season 100kWH x 30 x 4 Months = 12,000 kWH • Total SPV Power Generation in a year = 0.60 L kWH / Annum.....(b) • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.50+0.60 L KWH = 1.10 L / Annum .....(c) • Total energy savings = 24.10%
20		PARKING	
	a.	Parking Requirement as per	Car Parks Provided is

		norms	Flats More than 50smt < 225 smt (207 Units) = 207 cars Commercial/Club house area (799.96/50) = 16 Cars 10% of visitors car parking = 23 cars Total = 246 cars
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	SH – 35 (Whitefield to Hosakote Main Road)
	c.	Internal Road width (RoW)	8.00 m
21		CER Activities	1st: Rain Water Harvesting in GLPS School at Katamanallur Village 2nd: Avenue planation and planation in GLPS School at Katamanallur Village 3rd: Solar Panels Provision in GLPS School at Katamanallur Village 4th: Drinking Water and Sanitation facility supply in GLPS School at Katamanallur Village 5th: Health camp in GLPS School at Katamanallur Village
22		EMP • Construction phase • Operation Phase	EMP (Construction & Operation) Operation Phase: Recurring Cost Per Annum = 14.184 lakhs; Capital Cost = 99.74 lakhs Construction Phase: Recurring Cost Per Annum = 16.82 lakhs; Capital Cost = 42.43 lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for agriculture use as per RMP of BDA, for which Proponent informed that they have obtained conversion of land to residential use from DC.

The Committee during appraisal sought details regarding foot kharab and water body as per village map and rain water harvesting measures in the proposed area. The Proponent informed the Committee that the foot kharab has been rerouted to the project boundary as per the Orders of DC dated 16.03.2023 and 30mtrs buffer is provided from edge of water body in north-east. For harvesting rain water, the Proponent has informed

the Committee that they had proposed storage tank of 106cum capacity for runoff from rooftop, hardscape and landscape areas along with 07 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 100 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,.

1. To provide recharge tank of capacity 106 cum and 07 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site
5. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*

3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *As agreed Proponent shallsource external water from KGWA approved water sources.*
5. *To grow trees in the early stage before taking up of construction.*
6. *As agreed Proponent shallcarry out community recharge of bore wells in the vicinity of the site.*
7. *The PP shall grow 100 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
8. *As agreed Proponent shallconstruct lead of drains till the natural drains/water body for handling excess water.*
9. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
10. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
11. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and*

construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.

12. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

13. *The rerouted Right of Way as provided in the Village Map shall be left as free access with a display board indicating the Right of Way. The display board shall be provided both at entry and exit of Right of Way.*

245.1.10. Residential Apartment Building Project at Hinkal Village, KasabaHobli, Mysore Taluk, Mysore District by M/s.Paramount Construction Ventures Pvt. Ltd – Online Proposal No.SIA/KA/INFRA2/437384/2023 (SEIAA 174 CON 2023)

Paramount Construction Ventures Pvt.Ltd.have proposed for construction of Proposed Residential ApartmentProject on a plot area of 9,016Sqm-. The total built up area is 34592.42Sqm. Residential Apartment Building configuration: 2Basement + Ground +13Upper floors+ Terracewith102flats..Total water consumption is 86 KLD (Fresh water + Recycled water). The total wastewater generated is 69 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of75 KLD. The project cost is Rs. 49.25 Crores.

Details of the project are as follows:

Sl. No		PARTICULARS	INFORMATIONPROVIDED BY PP
1		Name & Address of the Project Proponent	Paramount Construction Ventures Pvt.Ltd. No. 2902/1, 2nd Floor, Loyalla World Building, Temple Road, Mohalla, Mysore-570002
2		Name & Location of the Project	Proposed Residential Apartment at Sy. No. 192 of Hinkal Village, Kasaba Hobli, Mysore Taluk & District
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
	c	Zoning Classification	Residential
4		New/ Expansion/ Modification/ Renewal	New

5	Water Bodies/ Nalas in the vicinity of project site	Primary Drain-in north Devarakere Lake-0.23Km (NW) Bogadi Lake-1.60Km (S) Kukkarahalli Lake-2.90Km(SE) Hebbal Lake-3.10Km (N) KRS Dam-11.20Km(NW)
6	Plot Area (Sqm)	9,016Sqm
7	Built Up area (Sqm)	34592.42Sqm
8	FAR • Permissible • Proposed	 2.50 2.49
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	The proposed projects is a construction of Residential Apartment Building configuration: 2Basement + Ground +13Upper floors+ Terracewith102flats.
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	102nos
11	Height Clearance	As per CCZM permissible top elevation is 1010 m AMSL and proposed top elevation is 690.57 m AMSL
12	Project Cost (Rs. In Crores)	49.25Crore
13	Disposal of Demolition waster and or Excavated earth	C& D Waste 1035Cum The debris generated will be used within the site for internal roads & pavements formation and Landscape formation Excavated earth of 28618.65 cum The earth excavated generated from the project site will be utilized within the project premises for back filling, gardening road and walk way and construction of compound wall.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	1,658.30Sqm
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,751.70 Sqm
d.	Internal Roads	3,,606.66 Sqm
e.	Paved area	

	f.	Others Specify		
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	9016.66 Sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	Tertiary treated water from STP for construction and Domestic- Tanker	
	b.	Quantity of water for Construction in KLD	10.80KLD	
	c.	Quantity of water for Domestic Purpose in KLD	2.7KLD	
	d.	Waste water generation in KLD	2.16KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Total domestic wastewater generated during construction phase will be treated in mobile STP and the treated water will be used for periphery landscaping developing the area	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	57KLD
			Recycled	29KLD
			Total	86KLD
	b.	Source of water	Mysore City Corporation	
	c.	Waste water generation in KLD	69KLD	
	d.	STP capacity& Area required	75KLD	
	e.	Technology employed for Treatment	SBR Technology	
	f.	Scheme of disposal of excess treated water if any	29KLD will be recycled/ reused for toilet flushing, 19KLD for landscaping, 9KLD for Floor & common area washing 7KLD for internal & Pavement area maintenance and 2KLD for car washing within the project site.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	70 cum rain water roof top water collection sump	
	b.	No's of Ground water recharge pits	6Nos. of recharge pits are proposed to harvest paved area runoff 6Nos. of recharge pits are proposed to harvest runoff from landscape	
17		Storm water management plan	Carrying capacity of internal drain 1.39 cum/sec	

			So, carrying capacity of internal garland drain is adequate i. e., greater than 0 1 cum/sec so design is safe
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Solid waste generation of 6Kg/day Handed over to authorized vendors
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	177.7 kg /day; Composting by using organic waste Converter (OWC) converted as manure& used for landscaping.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	117.5kg/day; which will be handed over to the authorized vendor.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used oil of 85 Litter per annum generated from the DG set shall be sent to Authorized recyclers
	d.	Quantity of E waste generation and mode of Disposal as per norms	Ewaste of110kg/annum generated from the project shall be collected scientifically and sent to Authorized recyclers
19		POWER	
	a.	Total Power Requirement - Operational Phase	720KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Propose to provide DG set of 250KVA X2Nos
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total power saving using solar water heater per year- 0.54% Total power savings using VFD for pump and STP for every year 1.6% Total power saving using VFD for lifts per year 2.70% Total power saving using solar external lighting per year 4.39% Total power saving using LED lights common street light per year 2.19% Total savings of 11.42%
20		PARKING	
	a.	Parking Requirement as per norms	145 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic	LoS : C

		Study Report	
	c.	Internal Road width (RoW)	Internal driveway within the project site: 8m wide
21		CER Activities	• Carrying avenue plantation across the service road • Providing RO facility for safe Drinking water to the Government Primary School Students of Hinkal which is located 0.3 Km(N) from the project site • Providing Sanitation facility to the Government Higher Primary School Hinkalwhich is located 0.3Km(N) from the project site
22		EMP • Construction phase • Operation Phase	Construction phase Galvanized iron barricade sheet all-round the site- 12.87 Lakhs, Purchase and transportation of recycled water for Construction- 5.97 Lakhs, Plantations of saplings around the periphery and maintenance -0.77Lakhs, Environmental Monitoring – Air, Water, Noise-4.54 Lakhs EMP Cell-7.20Lakhs Waste water treatment during construction phase-9.0Lakh, Waste Management- 3.15Lakhs total Rs.43,49,560/- Operation Capital investment Sewage Treatment Plant-45.00 Lakhs, Rainwater harvesting facilities-13.50Lakhs Landscape development-6.50Lakhs, Acoustic & Stacks for DG sets- 5.75Lakhs, Organic Waste Converter -11.25Lakhs Total-82Lkahs Recurring cost STP Maintenance -6.00 Lakhs, Landscape Maintenance 2.50 Lakhs, Organic waste Maintenance 1.25 Lakhs EMP Cell- 3.50 Lakhs, Environmental Monitoring-Air, Water, Noise-0.75Lakhs total 14Lakhs/ Annum

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for commercial use as per Mysore City Corporation, for which Proponent informed that they have obtained change of land use to residential on 23.11.2021.

The Committee during appraisal sought details regarding drain as per village map and rain water harvesting measures in the proposed area. The Proponent informed the Committee that for the primary drain is north, buffer of twelve meter is provided from edge of drain. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of 70cum capacity for runoff from rooftop, hardscape and landscape areas along with 10 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 115 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 70 cum and 10 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site
5. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

<u>Additional Condition:</u>

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *As agreed Proponent shallsource external water from KGWA approved water sources.*
5. *To grow trees in the early stage before taking up of construction.*
6. *As agreed Proponent shallcarry out community recharge of bore wells in the vicinity of the site.*
7. *The PP shall grow 115 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
8. *As agreed Proponent shallconstruct lead of drains till the natural drains/water body for handling excess water.*
9. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*

10. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*

11. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.11. Sattva Residential Row Houses Project at Kaggalipura Village, UttarahalliHobli, Bengaluru South Taluk, Bengaluru by M/s. Sattva Resi Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/444337/2023 (SEIAA 185 CON 2023)

M/s. Sattva Resi Private Limited have proposed for construction of Sattva Residential Row Houses Project on a plot area of 23,016.46Sq.m. The total built up area is 30,644.66Sq.m. The proposed project consists of 66 Dwelling Units Multiple Blocks with 1 Basement Floor + Ground Floor + 2 Upper Floors including Club House..Total water consumption is 69 KLD (Fresh water + Recycled water). The total wastewater generated is 55KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 62 KLD. The project cost is Rs. 55.00 Crores.

Details of the project are as follows:

Sl. No		PARTICULARS	INFORMATIONPROVIDED BY PP
1		Name & Address of the Project Proponent	M/s. Sattva Resi Private Limited Salarpuria Sattva Group, 4thFloor, Salarpuria Windsor, No. 3, Ulsoor Road, Bengaluru
2		Name & Location of the Project	Sattva Residential Row Houses Sy. No. 179(P), 182/1 and 182/2, Kaggalipura Village, Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Rowhouses Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	--
	c	Zoning Classification	The Land Use as per Kannakapura Planning Authority Master Plan 2031 is Residential

4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	As per Kaggalipura Village Map, a Nala can be seen towards the East of the Project Site at a distance of 100m. Gulakamale Lake is downstream to the project site and is at a distance of about 1.5km.
6	Plot Area (Sqm)	23,016.46Sq.m
7	Built Up area (Sqm)	30,644.66Sq.m
8	FAR • Permissible • Proposed	 2.25 1.16
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Multiple Blocks with 1 Basement Floor + Ground Floor + 2 Upper Floors including Club House.
10	Number of units/plots in case of Construction/Residential Township / Area Development Projects	66 Dwelling Units
11	Height Clearance	14.95mtr
12	Project Cost (Rs. In Crores)	55 Cores
13	Disposal of Demolition waster and or Excavated earth	Construction debris of about 1,121Tones will be handled as per Construction and Demolition Waste Management Rules 2016 It is estimated that about 24,280cum of earth shall be excavated using latest hi-tech earth moving machinery. Top earth of about 9,060 cum shall be stored and used for landscaping. About 11,415 cum of excavated soil will be used for Roads and walkways. Remaining3,805cum will be used for backfilling.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	8,616.24Sq.m
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	7,550Sq.m
d.	Internal Roads	6,484.24Sq.m
e.	Paved area	

	f.	Others Specify	365.98Sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--	
	h.	Total	23,016.46Sq.m	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	Treated water from STP set-up for Labour camp at or near Project site	
	b.	Quantity of water for Construction in KLD	10KLD	
	c.	Quantity of water for Domestic Purpose in KLD	20KLD	
	d.	Waste water generation in KLD	17KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	20KLD STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	46KLD
			Recycled	23 KLD
			Total	69 KLD
	b.	Source of water	Panchayat, Rooftop Rainwater & Treated Water	
	c.	Waste water generation in KLD	55KLD	
	d.	STP capacity& Area required	62KLD STP; Area Required is 90Sq.m	
	e.	Technology employed for Treatment	Bio Hybrid Technology	
	f.	Scheme of disposal of excess treated water if any	Treated water will be used for toilet flushing, landscaping, etc.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	250cum (125cum x 2Nos)	
	b.	No's of Ground water recharge pits	27Nos.	
17		Storm water management plan	Garland drain with 27 Nos. recharge pits and 205cum x 2Nos. sumps are proposed.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	20kg/day of solid waste shall be disposed through BBMP waste management contractors	
	II.	Operational Phase		

	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	92kg/day will be composed within the project campus using Organic Waste Converter
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	139kg/day of Non-Biodegradable waste will be segregated and sold to Local Authorized Recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	200kg/annum will be handed over to KSPCB Authorized Agencies
	d.	Quantity of E waste generation and mode of Disposal as per norms	20 kg/annum of E Waste will be collected separately and handed over to KSPCB Authorized Agencies.
19		POWER	
	a.	Total Power Requirement - Operational Phase	900KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500KVA X 1Nos.
	c.	Details of Fuel used for DG Set	High Speed Diesel (HSD)
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	a.Timer based External Lights b.BEE Star rated electromechanical systems shall be used in the development. c.Solar Water Heating systems for all dwelling units d.Use of HF ballast for lighting e.Use of LED light fittings f.Building Orientation; Cross Ventilation. Total Savings - 32.4%
20		PARKING	
	a.	Parking Requirement as per norms	249ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	O B Choodahalli Road: C Kanakapura Main Road : C
	c.	Internal Road width (RoW)	5m
21		CER Activities	1.Jobs for local people during construction and operation phase. 2.Free Medical check-up camps will be held 3.Infrastructure creation for sanitation systems to control waterborne diseases viz., Malaria, Dengue, Diarrhoea, Dysentery, Cholera, etc. 4.Plantation in community areas

22	EMP • Construction phase • Operation Phase	During Construction Phase: Capital Investment – 65.17 Lakhs Recurring Cost – 5.95 Lakhs/ Annum During Operation Phase: Capital Investment – 153 Lakhs Recurring Cost – 80 Lakhs/ Annum

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential row house project in an area earmarked for residential use as per Kanakapura Planning Authority.

The Committee during appraisal sought details regarding rain water harvesting provisions proposed in the project. The Proponent submittee revised calculation and informed the Committee that for harvesting rain water, they have proposed storage tanks of 250cum and 410cum capacity for runoff from rooftop and a pond of 300cum capacity for runoff in hardscape and landscape areas along with 27 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 400 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 250 cum, 410cum and 300cum pond and 27 recharge pits.
2. To grow trees in the early stage before taking up of construction.

3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site
5. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

<u>Additional Condition:</u>

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *100% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *As agreed Proponent shall source external water from KGWA approved water sources.*
5. *To grow trees in the early stage before taking up of construction.*

6. *As agreed Proponent shallto carry out community recharge of bore wells in the vicinity of the site.*
7. *The PP shall grow 400 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
8. *As agreed Proponent shallconstruct lead of drains till the natural drains/water body for handling excess water.*
9. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
10. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
11. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
12. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.12. Residential Apartment Project at Thigalachowdadenahalli Village, SarjapuraHobli, Anekal Taluk, Bengaluru Urban District by M/s. DSR Infra Projects – Online Proposal No.SIA/KA/INFRA2/443875/2023 (SEIAA 183 CON 2023)

M/s. DSR Infra Projectshave proposed for construction of Residential Apartment" Projecton a plot area of 55,087.89 Sqm. The total built up area is 1,45,037.98 Sqm. The proposed project consists of 702 nos Building 4 and 5 distributed over 3BF+GF+30UF and Building 6 distributed over 3BF+GF+12UF. Total water consumption is 517 KLD (Fresh water + Recycled water). The total wastewater generated is 465 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 525 KLD. The project cost is Rs. 274 Crores.

Details of the project are as follows:

Sl. No.	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	Mr. K.S Satyanarayana Reddy Partner M/s. DSR Infra Projects

		DSR Techno Cube, Block – C,4thFloor, Beside SKR Convention Hall, BBMP Khatha No. 639/645/1,Near Kundalahalli Gate, Thubarahalli,Varthur Main Road, Bengaluru – 560 066.
2	Name & Location of the Project	**"Residential Apartment" Project.** Sy. Nos. 65/3, 66/1, 66/2, 66/3, 66/4, 66/5, 69/1, 113/5, 113/6, 113/7, 114/7, 114/10 & 114/11 of ThigalachowdadenahalliVillage,SarjapuraHobli, Anekal Taluk, Bengaluru Urban District – 562 125.
3	Type of Development	
a.	Residential Apartment / ~~Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other~~	Residential Apartment Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
c.	Zoning Classification	As per the BDA RMP-2015, the proposed project site is designated as agricultural zone & land has been converted to residential purpose.
4	New/ ~~Expansion/ Modification/ Renewal~~	New
5	Water Bodies/ Nalas in the vicinity of project site	As per village map, there is tertiary nala running on southern side of our project site, to which 15 m buffer has been left. There is a secondary nala on southwest direction of the proposed project site, which is at a distance of 23.76 m from center of the nala. From the site boundary, we have left 8.60 m as landscape. The total distance is 32.36 m from the center of the nala. As per revenue documents, there is no nala 'B' kharab in Sy. Nos. 69/1(part of our project site), 114/7 and 114/11.
6	Plot Area (Sqm)	55,087.89 Sqm
7	Built Up area (Sqm)	1,45,037.98 Sqm
8	FAR • Permissible • Proposed	 3.25 1.79

	9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building 4 and 5 distributed over 3BF+GF+30UF and Building 6 distributed over 3BF+GF+12UF. Maximum height of the building is 98.10 m.
	10	Number of units/plots in case of Construction/Residential Township / Area Development Projects	702 nos
	11	Height Clearance	98.10 m (As per CCZM, the permissible height is 105.7 m AMSL, as per Airport NOC permissible height is 103.9 m AMSL and the height achieved for our proposed building is 98.10 m).
	12	Project Cost (Rs. In Crores)	Rs. 274 Crores
	13	Disposal of Demolition waste and or Excavated earth	Total Excavated earth quantity – 136206 m^3 For Backfilling – 40862 m^3 For Landscaping – 27269 m^3 For road/driveway formation – 14749 m^3 For brick manufacturing units and nearby nurseries– 53326 m^3
	14	Details of Land Use (Sqm)	
	a.	Ground Coverage Area	3906.79 Sqm
	b.	Kharab Land	We have left Nala Kharab of area 151.76 Sqm and it has been excluded in site area.
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	18179 Sqm
	d.	Internal Roads	Driveway area - 14749.15 Sqm
	e.	Paved area	Hardscape area – 3309.77 Sqm
	f.	Others Specify	Surface parking area – 1078.02 Sqm, services area 1018.39 Sqm, civic amenities 2754.39 Sqm and future expansion area 10092.38 Sqm
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
	h.	Total	5,5087.89 Sqm
	15	WATER	
	I.	Construction Phase	
	a.	Source of water	The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.

	b.	Quantity of water for Construction in KLD	41 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	9.0 KLD	
	d.	Waste water generation in KLD	8.1 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be collected and treated in mobile STP and treated water will be used for landscaping/dust suppression within the site.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	343 KLD
			Flushing	174 KLD
			Total	517 KLD
	b.	Source of water	Yamare Gram Panchayath	
	c.	Wastewater generation in KLD	465KLD	
	d.	STP capacity&area required	STP Capacity - 525 KLD STP Area - 504 Sq.mt	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess water to avenue plantation/construction works is 145 KLD	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	266 Cum	
	b.	No's of Ground water recharge pits	59 Nos.	
17		Storm water management plan	Runoff from driveway, hardscape, services area will be collected in storm water sump of capacity 140 cum will be provided for the collection of Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain on eastern side of the project site.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors. Construction debris - 73 m^3 This will be reused within the site for road and	

			pavement formation.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	621 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter. OWC capacity – 650 kg/day & its capacity 74.19 Sq.mt
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	932 kg/day Recyclable wastes will be handed over to authorized waste recyclers.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 290 L/Annum (0.58 L/ running) hour of DG's. Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.
19		POWER	
	a.	Total Power Requirement - Operational Phase	2454 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 kVA – 2 Nos. & 200 kVA – 1 No.
	c.	Details of Fuel used for DG Sets	251.42 l/hr
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc The overall energy savings is around 26 %
20		PARKING	
	a.	Parking Requirement as per norms	Required - 772 No. of cars. Provided – 1110 No. of cars.
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road: SH-35 (2+2 lanes) — Towards: Whitefield — Existing: 0.46 – 'C' — Changed scenario: 0.64 – 'D' Towards: Sarjapura Road — Existing: 0.47 – 'C' — Changed scenario: 0.65 – 'D'
	c.	Internal Road width (RoW)	30.11 m wide State Highway - 35 road
21		CER Activities	Recharge of borewells in Thigalachowdadenahalli Village

22	EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 24.5 Lakh Construction –141.7Lakh During Operation: Capital investment – 505.79 Lakh Operation Investment – 26.7 Lakh/annum

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential row house project in an area earmarked for agriculture use as per RMP of BDA, for which Proponent in formed that they have obtained conversion of land from DC to residential and change of land use from BDA for residential use.

The Committee during appraisal sought details regarding drains as per village map and rain water harvesting provisions proposed in the project. The Proponent informed the Committee that for tertiary drains in south and south east, buffer of 15mtrs is provided from center of the drains and with regard to the drains in the center of plot area, there is no B kharab area as per RTC and henceno kharab is left. For harvesting rain water, Proponent informed that they have proposed storage tank of capacity 266cum capacity for runoff from rooftop and another tank of 140cum capacity for runoff from hardscape and landscape areas in addition to 59 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 700 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 266 cum &140 cum and 59 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site
5. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

<u>Additional Condition:</u>

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*

2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *To grow trees in the early stage before taking up of construction.*
5. *As agreed Proponent shall source external water from KGWA approved water sources.*
6. *As agreed Proponent shallcarry out community recharge of bore wells in the vicinity of the site*
7. *Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.*
8. *The PP shall grow 700 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
9. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
10. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
11. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
12. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.13. Residential Apartment with Club House Project at Kengeri Village, KengeriHobli, Bengaluru South Taluk, Bengaluru Urban District by Mr. B. Lokanadha Naidu and Others - Online Proposal No.SIA/KA/INFRA2/444901/2023 (SEIAA 187 CON 2023)

Mr. B. Lokanadha Naidu and Others have proposed for construction of Proposed "Residential Apartment with Club House"Project on a plot area of 19,514.76 Sqm. The total built up area is 36,227.54 Sqm. The Proposed project comprising of 295 No. of residential units with club house distributed over BF+GF+6UF Total water consumption is 206 KLD (Fresh water + Recycled water). The total wastewater generated is 185 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 210 KLD. The project cost is Rs. 97.89 Crores.

Details of the project are as follows:

Sl. No.	PARTICULARS	INFORMATION PROVIDED BY PP
1.	Name & Address of the Project Proponent	Mr. B. Lokanadha Naidu and Others Owners No. 1197/C, 22nd 'A' Cross, BSK 2nd Stage, Bengaluru – 560 070.
2.	Name & Location of the Project	**Proposed "Residential Apartment with Club House"**Municipal No. 4999/63/2/59/1B/59/1C/63/2, Sy. Nos. 59/1B, 59/1C and 63/2 of Kengeri Village, Kengeri Hobli, Bengaluru South Taluk, Bengaluru Urban District - 560 060.
3.	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment with Club House CATEGORY 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
c	Zoning Classification	As per the BDA RMP- 2015, the proposed project site is designated as Residential Main Zone and also land has been converted for residential purpose.
4.	New/ ~~Expansion/ Modification/ Renewal~~	New
5.	Water Bodies/ Nalas in the vicinity of project site	Mailasandra lake is on northern side of the project site, to which 30 m buffer has been left. Sunkalpalya lake is on eastern side of the project site, to which 30 m buffer has been left. There is a tertiary nala towards west side of the project site, for which we have left 15 m buffer from the center of the nala. The nala is flowing from west to south side and the distance between center line of the nala and building line in southwest direction is 19.09 m.
6.	Plot Area (Sqm)	19,514.76 Sqm
7.	Built Up area (Sqm)	56,227.54 Sqm
8.	FAR • Permissible • Proposed	 1.75 1.74

9.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project comprising of 295 No. of residential units with club house distributed over BF+GF+6UF and maximum height of the building is 20.95 m.
10.	Number of units/plots in case of Construction/Residential Township / Area Development Projects	295nos
11.	Height Clearance	As per CCZM, the permissible height is 203 m AMSL and the height achieved for our proposed building is 20.95 m.
12.	Project Cost (Rs. In Crores)	Rs. 97.89 Crores
13.	Disposal of Demolition waste and or Excavated earth	Existing structure will be demolished during site preparation generated waste debris of quantity 150 cum will be used for road. Total Excavated earth quantity – 32991 m^3 For Backfilling – 9897 m^3 For Landscaping – 19445 m^3 For internal road/site formation – 3649 m^3
14.	Details of Land Use (Sqm)	
a.	Ground Coverage Area	8446.25 Sqm
b.	Kharab Land	As per the land documents, there is 4 Gunta– 404.68 Sqm footpath kharab and we left as itis. 4 Guntafootpathkharab has beenexcluded in the site area.
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	9,722.51 Sqm
d.	Internal Roads	Hardscape - 1050 Sqm
e.	Paved area	--
f.	Others Specify	Services area - 296 Sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
h.	Total	19,514.76 Sqm
15.	WATER	
I.	Construction Phase	
a.	Source of water	The domestic water requirement will be met from external water suppliers and water requirement for

			construction purpose will be met by STP tertiary treated water.	
	b.	Quantity of water for Construction in KLD	32 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5.4 KLD	
	d.	Waste water generation in KLD	4.9 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will treated in mobile STP and treated water will be used for landscaping/dust suppression within the site.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	137 KLD
			Recycled	69 KLD
			Total	206 KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	185 KLD	
	d.	STP capacity& area required	STP Capacity – 210 KLD STP area – 220 Sqm	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess 48 KLD will be used for avenue plantation/construction works.	
16.		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	350 m^3	
	b.	No's of Ground water recharge pits	22 Nos.	
17.		Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain on western sideof the project site.	
18.		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to BBMP. Construction debris – 28 m^3 This will be reused within the site for road and pavement formation.	

	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	242 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter. OWC capacity is 250 kg/hr and its area is (28 Sqm)
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	363 kg/day Recyclable wastes will be handed over to authorized waste recyclers.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 120 L/Annum (0.24 L/ running hour of DG's) Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms .	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.
19.		POWER	
	a.	Total Power Requirement - Operational Phase	976 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	250 kVA – 2 Nos.
	c.	Details of Fuel used for DG Set	104.76 l/hr
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc., The overall energy savings is around 28 %
20.		PARKING	
	a.	Parking Requirement as per norms	335 Nos. of cars. (provided - 336 Nos. of cars)
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	<table><tr><th>Road</th><th>Towards</th><th>Existing</th><th>Changed</th></tr><tr><td colspan="2">Approach Road</td><td>0.10 A</td><td>0.18 A</td></tr><tr><td rowspan="2">Dr. Vishnuvardhan Road</td><td>Uttarahalli</td><td>0.43 C</td><td>0.57 C</td></tr><tr><td>Mysore Road</td><td>0.43 C</td><td>0.57 C</td></tr></table>
	c.	Internal Road width (RoW)	9.5 m wide Approach road and Dr. Vishnuvardhan road 18 m wide.

21.	CER Activities	Development of walkway & installation of solar panels in Mailasandra Lake
22.	EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 11.40 Lakh Construction – 53.00 Lakh During Operation: Capital investment – 233.49 Lakh Operation Investment – 25.02 Lakh/annum

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for residential use as per RMP of BDA.

The Committee during appraisal sought details regarding water body, drain and foot kharab area as per village map and rain water harvesting measures in the proposed area. The Proponent informed the Committee that for the water body in northwest and east, they have provided buffer of 30mtrs from edge of water body and for tertiary drain in south west, buffer of 15mtr from center is provided and have provided free public access in the foot kharab area. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of 350cum capacity for runoff from rooftop, hardscape and landscape areas along with 22 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 320 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 350cum and 22recharge pits.

2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to provide free public access in kharab area.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority perused the documents and observed that there are water bodies on both northwest &eastern side of the proposed project site. The Authority noted that the details of these waste weir/overflow structure is not forthcoming. Therefore, ***the Authority after discussion and examination of the documents decided to refer the file back to SEAC to reexamine the proposal in the light of the observations made.***

245.1.14. Commercial Building Project at Industrial suburb, Yeshwanthpura, Tumkur Main Road, Ward No.11 Bangalore by M/s. ATRIA Power Corporation Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/412868/2023 (SEIAA 186 CON 2023)

M/s. Atria Power Corporation Private Limited, have proposed for construction of Commercial building projecton a plot area of 4,755.05.00 Sqmt The total built up area is 24,682.95 Sqmt. The proposed project consists of 2 Basement +Ground+ 11 UF+ TerraceTotal water consumption is 95 KLD (Fresh water + Recycled water). The total wastewater generated is 90 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 90 KLD. The project cost is Rs. 80.00 Crores.

Details of the project are as follows:

Sl. No		PARTICULARS	INFORMATION Provided by PP
1		Name & Address of the Project Proponent	M/s. Atria Power Corporation Private Limited, # 11, 1stFloor, Commissariat Road, M.G. road, Bangalore – 560025.
2		Name & Location of the Project	Commercial building project, Property bearing No 1-A/35/1, with present PID No.11-50-35/1, Industrial suburb, Yeshwanthpura, Tumkur Main Road, Ward No. 11, Bangalore-560022
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial Building project Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area	NA

		Development Projects	
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	NA
6		Plot Area (Sqm)	4,755.05.00 Sqmt
7		Built Up area (Sqm)	24,682.95 Sqmt
8		FAR • Permissible • Proposed	 4.0 3.6
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Basement +Ground+ 11 UF+ Terrace
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	NA
11		Height Clearance	As per CCZM permissible top elevation is 1035m AMSL and proposed top elevation is 949.9m AMSL
12		Project Cost (Rs. In Crores)	80Cr
13		Disposal of Demolition waster and or Excavated earth	Demolition waste of 7 to 9 tonnes is given to authorized vendor for further process and Excavated earth we used our project site only.
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	1,602.96 Sqm
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	475.5 sqm
	d.	Internal Roads	2,676.6 Sqm
	e.	Paved area	
	f.	Others Specify	NA
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	4,755.05Sqm
15		WATER	
	I.	Construction Phase	
	a.	Source of water	BWSSB treated water/our own STP treated

			water	
	b.	Quantity of water for Construction in KLD	25 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5KLD	
	d.	Waste water generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Disposed to Existing Sewer line	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	53 KLD
			Recycled	42 KLD
			Total	95 KLD
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	90 KLD	
	d.	STP capacity	90 KLD	
	e.	Technology employed for Treatment	SBR Technology, Area required for STP IS 100Sqmt	
	f.	Scheme of disposal of excess treated water if any	The treatedwater in our project only.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	150m3 of collection sump is provided Area required for Rain water tank is 150 Sqmt	
	b.	No's of Ground water recharge pits	11 nos	
17		Storm water management plan	We provided 150 m3 of of roof water collection sump and 11 recharge pits all along the project site.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Handed over to BBMP authorities	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	300 kg/day converted in to organic manure and used for garden 12.5 kg/ hr 300 kg/day of capacity Space required is 120 sqmt	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	437 kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste	120-150 lts given to PCB authorized recycler	

		generation and mode of Disposal as per norms	
	d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	2000 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1010 KVA X 2 Nos.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings 19.08%
20		PARKING	
	a.	Parking Requirement as per norms	231 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) of the connecting Tumakur Road as per the Traffic Study Report towards Yeshwanthpur is C and towards Tumkur (MCW) is B towards Tumkur (SR) is B
	c.	Internal Road width (RoW)	8.0mtr
21		CER Activities	To provide infrastructure facilities to near by Govt. School / Hospital
22		EMP • Construction phase • Operation Phase	 35.0 Lakhs 139.0 lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of commercial building in an area earmarked for commercial use as per RMP of BDA.

The Committee during appraisal sought details regarding rain water harvesting provisions proposed in the project. The Proponent informed the Committee that for harvesting rain water, they have proposed a storage tank of 150cum capacity for runoff from rooftop, hardscape and landscape areas along with 11 of recharge pits within the project area.

Further the Committee informed the Proponent to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 60 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 150cum and 11 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*

5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *The project proponent shall provide adequate electrical charging stations/booth for charging E Vehicles commensurate with its usage.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *To grow trees in the early stage before taking up of construction.*
5. *As agreed Proponent shall source external water from KGWA approved water sources.*
6. *The PP shall grow 60 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, chumpaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
7. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
8. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
9. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
10. *The PP shall submit the Memorandum of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.15. Hospital & Allied Health Sciences Project at Bellary Road, Hebbal, Bangalore by M/s. Bangalore Baptist Hospital – Online Proposal No.SIA/KA/INFRA2/436327/2023 (SEIAA 141 CON 2023)

M/s. Bangalore Baptist Hospital have proposed for Expansion of Hospital and Allied Health Sciences Project on a plot area of 53,406.60 sq m. The total built up area is ,28,756 sq m. The proposed project consists of Proposed hospital building expansion from B +G + 6 UF to B + G + 7 UF (covered in earlier EC), Student Nurse Hostel having B +G + 8 UF will be horizontally extended (with additional ground coverage) with an additional block with B +G + 8 UF (covered in earlier EC), New hospital block with B + G + 8 UF, (d) New MLCP Block with G + 8 UF. Total water consumption is 656KLD (Fresh water + Recycled water). The total wastewater generated is 553 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 650 KLD. The project cost is Rs. 326 Crores.

Details of the project are as follows:

Sl. No.		PARTICULARS	INFORMATION PROVIDED BY PP
1		Name & Address of the Project Proponent	M/s. Bangalore Baptist Hospital, PID No. 1/B, 1/1, 1/2 and 1/3, Bellary Road, Hebbal, Bangalore - 560 024.
2		Name & Location of the Project	M/s. Bangalore Baptist Hospital, PID No. 1/B, 1/1, 1/2 and 1/3, Bellary Road, Hebbal, Bangalore - 560 024.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Expansion of Hospital and Allied Health Sciences Project (600 beds to 1000 beds) Cateogy 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
	c	Zoning Classification	Project site is located in Commercial Zone
4		New/ Expansion/ Modification/ Renewal	Expansion
5		Water Bodies / Nalas in the vicinity of project site	• Hebbal Lake - 900 m, North • Nagavara lake - 2 km, North East. • There are no nala or water bodies within on in the immediate vicinity of 250 m from the project site.
6		Plot Area (Sqm)	53,406.60 sq m

7	Built Up area (Sqm)	EC amendment obtained: 56,181 sq m Proposed addition: 72,574 sq m After proposed expansion: 1,28,756 sq m
8	FAR • Permissible • Proposed	 2.25 2.199
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Presently there are about 16 low raise buildings in operation. In the proposed expansion proposal, the buildings have 1 basement, ground and 7 to 8 floors. Expansion of EC is sought for change in building configuration of blocks and addition of new blocks as under: (a) Proposed hospital building expansion from B +G + 6 UF to B + G + 7 UF (covered in earlier EC) (b) Student Nurse Hostel having B +G + 8 UF will be horizontally extended (with additional ground coverage) with an additional block with B +G + 8 UF (covered in earlier EC) (c) New hospital block with B + G + 8 UF (d) New MLCP Block with G + 8 UF
10	Number of units / plots in case of Construction / Residential Township / Area Development Projects	NA
11	Height Clearance	As per CCZM permissible top elevation is 955m AMSL and proposed top elevation is 942.94m AMSL
12	Project Cost (Rs. In Crores)	EC amendment obtained: Rs.121 Crores Proposed additional cost: Rs. 205 Crores Total project cost: Rs. 326 Crores
13	Disposal of Demolition waster and or Excavated earth	About 1000 cum (Considering 50 per sq m) of construction debris generated will be used as preparatory for formation activities within the project site. No demolition proposed.
14	Details of Land Use (Sqm)	

	a.	Ground Coverage Area	23,030.23 sq m (After expansion)	
	b.	Kharab Land	There is no Kharab land in the site	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	17,623.98 sq m (After expansion)	
	d.	Internal Roads	12,752.39 sq m (For roads and pavements in the site)	
	e.	Paved area		
	f.	Others Specify	NA	
	g.	Parks and Open space in case of Residential Township / Area Development Projects	NA	
	h.	Total	53,406.60 sq m	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	BWSSB	
	b.	Quantity of water for Construction in KLD	20 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	30 KLD	
	d.	Waste water generation in KLD	27 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in existing STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	451 KLD
			Recycled	205 KLD
			Total	656 KLD
	b.	Source of water	BWSSB Sources	
	c.	Waste water generation in KLD	553 KLD	
	d.	STP capacity & Area required	650 KLD	
	e.	Technology employed for Treatment	MBBR Technology	
	f.	Scheme of disposal of excess treated water if any	NA	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	450 cum roof top rain water collection sump proposed.	
	b.	Nos of Ground water recharge pits	22 nos. of recharge pits proposed.	
17		Storm water management plan	Conceptual plan submitted.	
18		WASTE MANAGEMENT		

	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	75 kg/day The domestic wastes will be segregated, collected at a common designated place and will be disposed of through an existing bio gas generation plant.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	280 kg/day Presently, the solid waste generated from the existing facilities is disposed of through Biogas plant (500 kg/day capacity), and the gas generated is used for cooking in the hospital canteen. The same facility will be utilized for the proposed expansion also.
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	188 kg/day The waste will be handed over to authorized recycler.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used oil from DG Sets of 0.75 KL/Annum and Waste residues containing oil of 0.90 MT/Annum - Shall be collected in leak proof containers and disposed to KSPCB authorized Re-processors /Incinerator.
	d.	Quantity of E waste generation and mode of Disposal as per norms	0.2 MT/annum – to be scientifically disposed as per KSPCB norms (during operation phase)
	e.	Bio medical waste	250 kg/day (After expansion) Biomedical Waste is managed as per Biomedical Waste Management Rules, 2016 of Schedule II in Color coded bags and containers and is disposed of through M/s. Anu Autoclave &Incin. services.
19		POWER	
	a.	Total Power Requirement - Operational Phase	57,27,437 kw
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 82.5 kVA, 1 X 180 kVA, 1 X 500 kVA, 1 X 725 kVA, 1 X 1010 Kva, 1 x 1000 kVA and 3 x 2000 kVA capacity DG sets and Boiler – 1 x 600 kg/hr
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including	25% electrical savings proposed.

		plan for utilization of solar energy as per ECBC 2007	
	20	PARKING	
	a.	Parking Requirement as per norms	1300 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Present LoS on Bellary Main Road is C towards Mekhri Circle and B towards Hebbal Junction
	c.	Internal Road width (RoW)	7 mtr
21		CER Activities	To provide skill development and employment to locals.
22		EMP • Construction phase • Operation Phase	Rs. 1,32,00,000 (capital cost) and Rs. 16,50,000 (Recurring cost) Rs. 77,00,000 (capital cost) and Rs. 56,10,000 (Recurring cost)

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for modification and expansion of existing EC issued by SEIAA on 11.06.2019 and amendment issued on 03.08.2022 for BUA of 56,181 Sqm for 600 beds in plot area of 53,406.6 Sqm to a proposed BUA of 1,28,756 Sqm for 1000 beds with no change in plot area. The Proponent has submitted architect certificate dated 06.10.2023 informing that BUA of 36,349.26 Sqm has been constructed with reference to the earlier EC and has submitted Certified Compliance Report from MoEF&CC dated 20.09.2023 informing that the building is operational. Proponent informed the Committee that they were complying with EC conditions and had no observations in the CCR issued by MoEF&CC and for completed construction they have CFO from KSPCB dated 25.03.2022 for 340 beds and approved plan from BBMP dated 17.04.2017.

The Committee during appraisal sought details regarding biomedical waste generated and its handling and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that about 250 kg/day of Bio-Medical waste would be generated and it will be handed over to the KSPCB authorized vendor M/s. Anu Autoclave & Incin. services. For harvesting rain water, the Proponent has informed the Committee that they have proposed storage tank of capacity 450cum capacity and pond of capacity 200 cum & 100 cum for runoff from rooftop, hardscape and landscape areas along with 22 recharge pits within the project area.

Further the Committee informed the Proponent to use sustainable building materials in theproposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 780 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 450 cum & pond of 200 cum & 100 cum and 22 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Bio Medical waste generated to be handled as per BMWM Rules 2016

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*

4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *To grow trees in the early stage before taking up of construction.*
5. *As agreed Proponent shall source external water from KGWA approved water sources.*
6. *Bio Medical waste generated shall be handled as per BMWM Rules 2016*
7. *The PP shall grow 780 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
8. *The PP shall adhere to all the conditions of the EC during operation phase and also ensure submission of half Yearly Compliance reportwithout lapse.*
9. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
10. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
11. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six monthsto SEIAA.*
12. *The proponent shall establish a separate pre-treatment of Biomedical Liquid waste and the treated effluent shall be free from pathogens and disposed off as per Bio-Medical Waste (Management & Handling) Rules, 1998.*

245.1.16. Residential Apartment with Club House Project at Sy.Nos.9/1, Ward No.198, UttrahalliManavarthekaval Village, UttarahalliHobli, Banaglore South Taluk,Bangalore by M/s.Vanshika Life Spaces Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/438147/2023 (SEIAA 153 CON 2023)

M/s. Vanshika Life Spaces Pvt. Ltd. have proposed for construction of Residential Apartment with Club House projecton a plot area of 17,097.82 Sqmt The total built up area is 87,960.00 Sqmt. The proposed project consists of 400 nos. 2B+G+10 UF and Clubhouse.Total water consumption is 300KLD (Fresh water + Recycled water). The total wastewater generated is270 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 270 KLD. The project cost is Rs.100.00 Crores.

Details of the project are as follows:

Sl. No		PARTICULARS	INFORMATION Provided by PP
1		Name & Address of the Project Proponent	M/s. Vanshika Life Spaces Pvt. Ltd.No.408/B, 24TH Cross,13th Main, B.S.K 2nd Stage, Bangalore-560070
2		Name & Location of the Project	Residential Apartment with Club House project, Sy Nos. 9/1, Ward no 198 of Uttrahalli Manavarthekaval Village, Uttarahalli hobli, Banaglore South Taluk, Bangalore.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	NA
6		Plot Area (Sqm)	17,097.82 Sqmt
7		Built Up area (Sqm)	87,960.00 Sqmt
8		FAR • Permissible • Proposed	 2.75 2.74
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2B+G+10 UF and Clubhouse

10	Number of units/plots in case of Construction/Residential Township / Area Development Projects	400 nos.	
11	Height Clearance	As per CCZM permissible top elevation is 1035m AMSL and proposed top elevation is 917.2m AMSL	
12	Project Cost (Rs. In Crores)	Rs. 100.0Crores	
13	Disposal of Demolition waster and or Excavated earth	No Demolition waste is generated and Excavated earth we used our project site only.	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	6,500.0 Sqmt	
b.	Kharab Land	--	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	5,830.32 Sqmt	
d.	Internal Roads	4,768.55 SQMT	
e.	Paved area		
f.	Others Specify	NA	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
h.	Total	17,097.82 Sqmt.	
15	WATER		
I.	Construction Phase		
a.	Source of water	BWSSB STP treated water/Nearby STP treated water	
b.	Quantity of water for Construction in KLD	25 KLD	
c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
d.	Waste water generation in KLD	4 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	200 KLD
		Recycled	100 KLD
		Total	300 KLD
b.	Source of water	BWSSB	

	c.	Waste water generation in KLD	270 KLD
	d.	STP capacity	270 KLD
	e.	Technology employed for Treatment	SBR Technology, Area required for STP is 270 Sqmt
	f.	Scheme of disposal of excess treated water if any	Excess 138 KLD in this we used for floor washing, given to nearby construction activities
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	500 m3 of collection sump is provided Area required for Rain water tank is 500 Sqmt
	b.	No's of Ground water recharge pits	10 nos.
17		Storm water management plan	We provided 500 m3 of of roof water collection sump and 10 recharge pits all along the project site
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Handed over to BBMP authorities
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	540 kg/day converted in to organic manure and used for garden 22.5 kg/ hr 540 kg/day of capacity Space required is 10 sqmt
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	360 kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80 lts given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	1600 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 2 nos.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel

	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 22.0%
20		PARKING	
	a.	Parking Requirement as per norms	450 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report; Kanakapura road: towards Knakapura is A towards Bangalore city is A
		Internal Road width (RoW)	8.0
21		CER Activities	To be spent for infrastructure development of nearby Govt. School./ Hopital
22		EMP • Construction phase • Operation Phase	 83.2 Lakhs 267 Lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building in an area earmarked for residential use as per Bangalore Mysore Infrastructure Corridor Area Planning Authority (BMICAPA).

The Proponent informed the Committee that for the proposed project area, an EC (SEIAA 119 CON 2011) was issued by SEIAA on 06.03.2012 to M/s Skyline Construction & Housing Pvt. Ltd. who had agreed for a Joint development with the land owner for construction of residential building. However, due to a dispute between the land owner and the developer, construction did not start and only earth work execavation was carried out and after the dispute was settled in Court on 19.04.2023 where in it was mentioned that no construction activities had taken place by the builder or the land lord. Subsequently, M/s.Vanshika Life Spaces Pvt. Ltd.had purchased the land from the land lord on 27.06.2023 and applied for fresh EC and as the validity of earlier EC has expired, justifying that the surrender of EC is not possible and requested the Committee to consider the proposal as a fresh proposal. The Committee noted the clarification and appraised the project.

The Committee during appraisal sought details regarding rain water harvesting provisions proposed in the project. The Proponent informed the Committee that for harvesting rain water, they haveproposed storage tank of 500cum capacity for runoff

from rooftop, hardscape and landscape areas along with 10 recharge pits within the project area.

The Proponent agreed to grow 220 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 150cum and 10 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site
5. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*

3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *To grow trees in the early stage before taking up of construction.*
5. *As agreed Proponent shall source external water from KGWA approved water sources.*
6. *Proponent agreed to carry out community recharge of bore wells in the vicinity of the site*
7. *Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.*
8. *The PP shall grow 220 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
9. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
10. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
11. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and*

construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.

12. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

13. *The PP shall retain peripheral Trees.*

245.1.17. Hindustan Aeronautics Limited has proposed for "Construction of Residential Building", at located at Vibhutipura Village, MaratahalliHobli, Bangalore East Taluk, Bengaluru Urban District by M/s. Hindustan Aeronautics Limited - Online Proposal No. SIA/KA/INFRA2/437472/2023 (SEIAA 14 (VIOL) CON 2023)

Hindustan Aeronautics Limited have proposed for construction of Residential Apartment (Staff Quarters)Project on a plot area of 34,903 Sqm (8 Acres 25 Gunta).. The total built up area is 38,045Sqm. The proposed project consists of Block B - 240 units & Block C – 80units. Block B: S+G+9F and Block C:S+G+9FTotal water consumption is 216 KLD (Fresh water + Recycled water). The total wastewater generated is 184 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 200 KLD. The project cost is Rs. 119.5 Crores.

Details of the project are as follows:

Sl.No		PARTICULARS	INFORMATION PROVIDED BY PP
1		Name & Address of the Project Proponent	**Radhika Kuppraj** **Authorized Signatory** Hindustan Aeronautics Limited CPWD HAL Project Zone Office, 4th Floor, Sir Visvesvaraya Kendriya Bhavan, Near Domlur Flyover, Domlur, Bangaluru-560071
2		Name & Location of the Project	Residential Apartment (Staff Quarters)at Sy.No. 126 (P) of Vibhutipura Village, Maratahalli Hobli, Bangalore East Taluk, Bengaluru Urban District already constructed
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Construction of Residential Apartment (Staff Quarters) Category 8(b) as per EIA Notification 2006 and MoEF&CC OM dated 07.07.2021.
	b.	Residential Township/ Area	Not Applicable

		Development Projects	
	c.	Zoning Classification	The project site comes under Residential zone as per Bangalore Revised master Plan 2015 of 2.18 C V Raman Nagar hence land conversion is not required.
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	Not Applicable
6		Plot Area (Sqm)	34,903 Sqm (8 Acres 25 Gunta)
7		Built Up area (Sqm)	38,045Sqm
8		FAR • Permissible • Proposed	 1.75 1.09
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	• Block B: S+G+9F – 37.45m • Block C:S+G+9F –37.45m
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	At Block B - 240 units At Block C – 80units
11		Height Clearance	Project site elevation – 884.55m Building Height – 37.45m Maximum building height: 922m Internal approval has been obtained for Height Clearance.
12		Project Cost (Rs. In Crores)	119.5 Crores
13		Disposal of Demolition waste and or Excavated earth	Not Applicable
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	4,302.27 Sqm
	b.	Kharab Land	--
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	15,690.62 Sqm
	d.	Internal Roads	--
	e.	Paved area	8,415 Sqm
	f.	Parking area	4,662.54
	g.	Parks and Open space in case of	1,832.57

		Residential Township/ Area Development Projects		
	h.	Total	34,903 Sqm	
15		**WATER**		
	I.	Construction Phase		
	a.	Source of water	Outside tankers for construction purpose & BWSSB water for domestic	
	b.	Quantity of water for Construction in KLD	10 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Wastewater generation in KLD	4.5 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	144 KLD
			Recycled	72KLD
			Total	216 KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	184 KLD	
	d.	STP capacity	200 KLD	
	e.	Technology employed for Treatment	Moving Bed Bio Reactor (MBBR) Technology	
	f.	Scheme of disposal of excess treated water if any	Available treated water – 175 KLD (95% of sewage water) For flushing – 72 KLD For gardening –20KLD For car washing- 12 KLD Other Construction Purpose- 71 KLD	
16		Infrastructure for Rainwater harvesting		
	a.	Capacity of sump tank to store Roof run off	200 KL	
	b.	Nos of Ground water recharge pits	Recharge Pits: 16 no's Injection Borewells: 2 no's	
17		Storm water management plan	• Land is gently sloping terrain and sloping towards East direction. • Separate and independent rainwater drainage system are provided for collecting rainwater from terrace and paved area, lawn & roads.	
18		**WASTE MANAGEMENT**		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation	Quantity – 10kg/day	

		and mode of Disposal as per norms	Solid waste has been generated and collected manually and handed over to local body for further processing
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity – 256 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter. Sludge generated from STP of capacity 15 kg/day will be reused as manure for greenery development purposes.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity – 384 kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil of 131.4 l/annum will be generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.
19		POWER	
	a.	Total Power Requirement - Operational Phase	HT captive power plant of HAL – 1000 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 250 KVA
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Rooftop solar panels have been installed and estimated percentage of energy savings will be 38.28%.
20		PARKING	
	a.	Parking Requirement as per norms	Required = 352nos, Provided = 352 no's
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic study conducted in both directions towards Marathahalli and Domlur Village.Level of Service (LOS) – "B" Very Good
	c.	Internal Road width (Row)	Approach road width – 9 m (W) & 9m (S) Internal road width –6 m

21	CER Activities Proposed	5 Lakh has been reserved for Avenue Plantation, which will be undertaken in the HAL Estate.
22	EMP • Construction phase • Operation Phase	The total EMP cost required during operation phase is 242.25 lakhs (Capital -231.25 Lakhs & Maintenance 11 lakhs).

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal was earlier considered in 302nd SEAC meeting the the Committee had deferred the proposal and the deliberation of the Committee are as below,

"The proposal is for grant of EC for already constructed building of BUA of 38,045 Sqm in a plot area of 34,903 Sqm without prior EC and other statutory clearances. The Proponent had submitted proposal in violation B1 category to grant ToR as per MoEF&CC OM dated 07.07.2021. Accordingly, the SEIAA had granted ToR on 09.01.2023.

The Committee initially sought clarification for the BUA considered for calculation of penalty and other details as per the provisions under per MoEF&CC OM dated 07.07.2021. The Proponent informed the Committee that they had considered BUA of 18,045 Sqm for calculation and informed that BUA up to 20,000 is exempted.

The Committee after discussion decided to defer the appraisal as the Proponent had not considered entire BUA of 38,045 Sqm, as the building has been constructed without obtaining EC or any other statutory clearances and informed the Proponent to revise the EIA report by considering the entire BUA of 38,045 Sqm along with details of reference used for calculation as per MoEF&CC OM dated 07.07.2021."

In the present meeting the Proponent submitted revised penalty calculation as per the provisions in MoEF&CC OM 07.07.2021 considering the entire BUA of 38,045 Sqm,

The Proponent informed that as per O.M. dated 7th July 2021, HAL attracts the section 12(a)(i), for new project where operation has not commenced, for which the penalty calculation should be, *"1% of the total project cost incurred up to the date of the filing of application along with EIA/EMP report"*. If the violation is accepted by the proponent and submitted the application for regularization under violation case, there is relaxation of 50% in the 1% penalty and the penalty is calculated by considering project investment,

1. Total Project Cost : 119.5Crores (Rs. 119,50,00,000/-)
2. Total BUA : 38,045Sqm
3. Penalty of 1% : Rs. 1,19,50,000/-

4. Penalty considered as 0.5% of the total cost spent on BUA is Rs. 59,75,000/-

Further it was informed that the by considering construction period of 18 months for damage assessment for the already constructed built up area of 38,045 Sqm having S+G+9F building configuration, the following are the assessed damage cost,

Environment Damage Cost (in Rs.)	
Air Environment	5,54,080
Water Environment	Nil
Noise Environment	50,000
Ecological Environment	1,25,000
Total	**7,29,080**

Total assessed damage cost is Rs. 7,29,080/-

For Natural and Community Resource Augmentation Plan, the Proponent submitted following action plan,

Sl. No	Activity	Description	Locations	Rate	Total Quantity in Nos	Cost in Lakhs			
						Total Cost	Year I	Year II	Year III
1	Ground Water Recharge pits	Construction of Groundwater Recharge pits at nearby Villages (3 pits each)	HAL Estate	Rs. 50,000/ pits	9	4.5	1.5	1.5	1.5
2	Greenbelt Development	Providing avenue Plantation around Lake	HAL Estate	Rs. 500/ plant	600	3.0	1.0	1.0	1.0
Total						**7.5**	**2.5**	**2.5**	**2.5**

The Committee accepted the details and appraised the project.

The Committee during appraisal sought clarification regarding tertiary drain as per village map and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that they had obtained clarification from BDA on 07.07.2023, informing that the drain in sourth east and north east is tertiary drains and accordingly they had left buffer more than 15mtrs for each of the drains from center. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of capacity 550cum capacity for runoff from rooftop, hardscape and additional tank of 200cum capacity for runoff from landscape areas along with 16number of recharge pits within the project area.

Further the Committee informed the Proponent to make provisions for smart water meters for individual units for conservation of water and to look into additional provisions to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 350 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 550 cum& 200cum and 16 recharge pits.
2. Proponent agreed to grow additional trees within their campus.
3. To carry out the augmentation plan as informed.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. Filing a complaint before Jurisdictional Court of law for the alleged violation under section 19 of the Environment (Protection) Act 1986. (Draft Complaint prepared by Advocate, SEIAA is enclosed as Annexure - 2).

    (a) A Bank guarantee for an amount of Rs. 7.5 Lakhs with the Karnataka State Pollution Control Board, Bengaluru along with details of remediation plan and Natural and Community Resource Augmentation Plan and the time frame for execution of the same.

    (b) As per SoP dated:07.07.2021, section 12(b)(ii) 0.5% of the total expansion cost for 119.5Crores (Rs. 119,50,00,000/-) i.e Rs.**59,75,000/-** .:- Rs. 7,29,080/- Penalty amount shall be paid to Karnataka State Pollution Control Board, Bengaluru.

The PP shall also submit the following details;

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*

2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *As agreed Proponent shallgrow additional trees within their campus.*
5. *To carry out the augmentation plan as informed.*
6. *The PP shall grow 180 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
7. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report withbout lapse.*
8. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*

The Authority also decided to authorize Shri H. K. Vasanth, Advocate and Scientific Officers, Department of Forest, Ecology and Environment for filing the complaint.

245.1.18. Residential Development Projects Dommasandra Village, Sarjapura Hobli, Anekal Taluk, Bengaluru by M/s. Ensemble Residential Projects – Online Proposal No.SIA/KA/INFRA2/443090/2023 (SEIAA 99 CON 2023)

M/s. Ensemble Residential Projects have proposed for construction of Residential Development Project on a plot area of 2,54,345.00sq.m. The total built up area is 11,78,089.94sq.m. The proposed project consists of Residential Development comprising of Residential Towers having 32 Towers, Towers 1, 2, 3, 4, 5, 6, 7, 12, 13, 14, 15, 16, 17, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 & 31 having 2 Basements + 2 Stilt Floors + Ground Floor + 37 Upper Floors + Terrace Floor, Towers 8, 9, 10, 11, 18, 19 & 20 having 2 Basements + 2 Stilt Floors + Ground Floor + 34 Upper Floors + Terrace Floor, Towers 32 having 2 Basements + 2 Stilt Floors + Ground Floor + 29 Upper Floors + Terrace Floor, 6 Club Houses each having Ground Floor + 2 Upper Levels + Terrace and with total of 4,344 units. Total water consumption is 3029.94 KLD(Fresh water + Recycled water). The total wastewater generated is 2878.44 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 2900 KLD. The project cost is Rs. 2356 Crores

Details of the project are as follows:

Sl.No		PARTICULARS	INFORMATIONPROVIDED BY PP
1		Name & Address of the Project Proponent	M/s. Ensemble Residential Projects No. 60, 2nd Floor, PR Business Centre, Outer Ring Road,Kadubisanahalli, Marthahalli Post, Bangalore – 560103.
2		Name & Location of the Project	Residential Developmentby Projects at Sy. Nos. 167/2, 167/3, 171/1, 172/3, 156/4, 155/1, 251/3, 156/1, 147/1, 164/2,163/3, 155/2, 253/3, 253/1, 252/2, 251/1, 252/1, 253/2, 163/1, 164/3, 172/1,251/2, 155/3, 161/2, 164/1, 163/4, 163/2, 171/3, 147/2, 147/4, 147/3, 157/6,145/1, 146/5, 146/3, 172/2, 146/6, 171/5, 162/1, 162/2 & 147/5 of Dommasandra Village, Sarjapura Hobli, Anekal Taluk, Bengaluru.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Proposed Residential Development Category 8(b) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
	c	Zoning Classification	--

4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Dommasandra Kere – 0.25 Kms (E) Drains inside and around the project area.
6	Plot Area (Sqm)	2,54,345.00sq.m.
7	Built Up area (Sqm)	11,78,089.94sq.m
8	FAR • Permissible • Proposed	 3.00 2.50
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Development comprising of Residential Towers having 32 Towers, Towers 1, 2, 3, 4, 5, 6, 7, 12, 13, 14, 15, 16, 17, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 & 31 having 2 Basements + 2 Stilt Floors + Ground Floor + 37 Upper Floors + Terrace Floor, Towers 8, 9, 10, 11, 18, 19 & 20 having 2 Basements + 2 Stilt Floors + Ground Floor + 34 Upper Floors + Terrace Floor, Towers 32 having 2 Basements + 2 Stilt Floors + Ground Floor + 29 Upper Floors + Terrace Floor, 6 Club Houses each having Ground Floor + 2 Upper Levels + Terrace and with total of 4,344 units
10	Number of units/plots in case of Construction/ Residential Township /Area Development Projects	4,344 units
11	Height Clearance	As per CCZM, Site Elevation in AMSL 906 Permissible top elevation in AMSL : 1035 Difference in meters : 129 Height proposed : 126.3 m
12	Project Cost (Rs. In Crores)	Rs. 2356 Crores
13	Disposal of Demolition waster and or Excavated earth	Details / Quantity in m3 Quantity of excavated soil: 16,98,095.60 Excavated earth disposal details Back filling for footings: 8,49,047.80 Site filling required: 1,05,583.40

		Back filling for retaining wall		5,63,114.21	
		Top soil for Landscaping		48,016.58	
		Filling for internal roads		1,32,333.61	
		Total		16,98,095.60	
14	Details of Land Use (Sqm)				
a.	Ground Coverage Area	27,721.66 Sq.m			
b.	Kharab Land				
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	78,833.19 sq.m			
d.	Internal Roads	1,32,333.61 sq.m			
e.	Paved area				
f.	Others Specify	15,456.54 Sqm			
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA			
h.	Total	2,54,345.00 sq.m.			
15	WATER				
I.	Construction Phase				
a.	Source of water	From Nearby treated water suppliers			
b.	Quantity of water for Construction in KLD	50 KLD			
c.	Quantity of water for Domestic Purpose in KLD	10 KLD			
d.	Waste water generation in KLD	8 KLD			
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phasewill be treated in the Mobile STP			
II.	Operational Phase				
a.	Total Requirement of Water in KLD		Fresh	2052.54 KLD	
			Recycled	977.40 KLD	
			Total	3029.94 KLD	
b.	Source of water	Gram Panchayat			
c.	Waste water generation in KLD	2878.44 KLD			
d.	STP capacity& Area required	2900 KLD &2136Sq.m.			
e.	OWC Area & Capacity	1904Sq.m. &10 Tons			
f.	Technology employed for Treatment	SBR Technology			
g.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused for toilet flushing, landscaping in			

			the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	1497cu.m.
	b.	No's of Ground water recharge pits	236 Nos.
17		Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic andinorganic waste. Organic waste will be converted inorganic convertor. Inorganic solid waste will behanded over to authorized recyclers.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	5,212.80 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	3,475.20 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation will be very less
19		POWER	
	a.	Total Power Requirement - Operational Phase	20000kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	6 x 1500 kVA + 3 x 1000 kVA + 6x 750 kVA + 3x500 kVA
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy	• Energy saved by using Solar water Heater : 4,00,000kWH/ Year.....(a)

		as per ECBC 2007	• Solar Power Generation : • In non-monsoon season 3000kWH x 30 x 8 Months = 7,20,000 kWH • In monsoon season 2000kWH x 30 x 4 Months = 2,40,000 kWH • Total SPV Power Generation in a year = 9.60 L kWH / Annum.....(b) • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 4.0+9.60 L KWH = 13.60 L / Annum .....(c) • Total energy savings = 23.28%
20		PARKING	
	a.	Parking Requirement as per norms	9291 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Narayanaghatta to Chandapura Road C
	c.	Internal Road width (RoW)	9.00 mtr
21		CER Activities	Corporate Environmental Responsibi (CER) Providing solar power panels to GH School at Dommasandra Rain Water Harvesting in GHPS School Dommasandra Scientific support and awareness to lo farmers to increase yield of crop and fod Health camp in GHPS School Dommasandraakkur
22		EMP • Construction phase • Operation Phase	Operation Phase: Recurring Cost Per Annum = 262.129 lakhs; Capital Cost = 2494.84 lakhs Construction Phase: Recurring Cost Per Annum = 29.55 lakhs; Capital Cost = 194.03 lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for agriculture use as per Anekal Planning Authority, for which the Proponent informed that they had obtained conversion of land for the said purpose. SEIAA had issued ToR on 31.05.2023.

The Committee during appraisal sought details regarding foot kharab, water body, drain as per village map and rain water harvesting measures in the proposed area. The Proponent informed the Committee that there the foot kharab in north east and south west is left as it is with free public access and for the tertiary drains inside and adjacent to the project area, 9mtrs of buffer on either side from proposed from edge of drain. For the water body in western side Proponent informed that buffer of 30mtrs from edge is proposed. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of capacity 1497cum capacity for runoff from rooftop and an additional tank of 6352 cum and a pond of 3000 cum capacity for the runoff from hardscape and landscape areas along with 236 number of recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 3000 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 1497 cum, 6352 cum and pond of 3000 cum and 236 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.

4. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site and also to construct check dams for harvesting rain water.
5. To obtain permission from concerned authority for construction of bridge/culvert on drains
6. To leave free public access in kharab areas.
7. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /dram as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

<u>Additional Condition:</u>

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*

4. *To grow trees in the early stage before taking up of construction.*
5. *Proponent agreed to source external water from KGWA approved water sources.*
6. *As agreed project proponent shall carry out community recharge of bore wells in the vicinity of the site and also to construct check dams for harvesting rain water.*
7. *To obtain permission from concerned authority for construction of bridge/culvert on drains*
8. *To leave free public access in kharab areas.*
9. *Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.*
10. *The PP shall grow 3000 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
11. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
12. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
13. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
14. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*
15. *The Right of Way as provided in the Village Map shall be left as free access with a display board indicating the Right of Way. The display board shall be provided both at entry and exit of Right of Way.*

245.1.19. Construction of IT Office & Retail Facility Project at Ambalipura Village & Kaikondarahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru by M/s. Sarla Garments Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/440114/2023 (SEIAA 50 CON 2023)

M/s. Sarla Garments Pvt. Ltd., have proposed for construction of "IT Office & Commercial Retail Facility" Project on a plot area of 49,067 sq m (12 Acres 5 Guntas) and physically available plot area of 47,885.81 sqm i.e., 11.83 Acres (11 Acres 33.2 Guntas). The total built up area is 3,00,044 sq m. The proposed project consists of Tower-1 (IT

Building & Commercial Retail Facility) and Tower-2 (IT Building), A) Tower-1 consists of IT building - 3 B+GF +10 UF & Commercial Retail facility – 3 B+GF +4 UF. B) Tower-2 consists of IT building- 3B+GF+10 UF-. Total water consumption is 924KLD (Fresh water + Recycled water). The total wastewater generated is 832 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 900 KLD. The project cost is Rs. 1296 Crores.

Details of the project are as follows:

Sl.No.	PARTICULARS	INFORMATIONPROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. Sarla Garments Pvt. Ltd., Khatha #461/487/507/13/1, Survey nos. 13, 14 & 15 of Ambalipura Village & Survey nos. 17/1, 17/2, 17/3 & 18/2 of Kaikondarahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru
2	Name & Location of the Project	"IT Office & Commercial Retail Facility" at Khatha #461/487/507/13/1, Survey nos. 13, 14 & 15 of Ambalipura Village & Survey nos. 17/1, 17/2, 17/3 & 18/2 of Kaikondarahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru.
3	Type of Development	
	a. Residential Apartment / Villas / RowHouses/ Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	IT Office & Commercial Retail Facility Category 8(b) as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	NA
	c. Zoning Classification	Project site is located in Mutation Corridor / for Industrial and Commercial purpose.
4	New/Expansion/Modification/Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	• Kaikondarahalli Lake and Saul Kere are at a distance of 260 m, SE and 400 m, E from the project • Tertiary nala marked in village map (but not present physically) is passing from East to West of the project site and a buffer of 15 m on either side of

		the nala is left for landscape development.
6	Plot Area (Sqm)	Land Area as per documents is 49,067 sq m (12 Acres 5 Guntas) and physically available plot area of 47,885.81 sqm i.e., 11.83 Acres (11 Acres 33.2 Guntas)
7	Built Up area (Sqm)	3,00,044 sq m
8	FAR • Permissible • Proposed	3.25 3.249
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower-1 (IT Building & Commercial Retail Facility) and Tower-2 (IT Building) A) Tower-1 consists of IT building - 3 B+GF +10 UF & Commercial Retail facility – 3 B+GF +4 UF. B) Tower-2 consists of IT building- 3B+GF+10 UF
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	NA
11	Height Clearance	HAL NoC obtained for 932 m. AMSL top elevation
12	Project Cost (Rs. In Crores)	Rs.12,96,00,00,000 (Rupees One thousand two hundred and ninety-six crores)
13	Disposal of Demolition waster and or Excavated earth	About 6000 cum (Considering 50 per sq m) of construction debris generated will be used as preparatory for formation activities within the project site. Demolition debris of 17,000 tons will be disposed as per C&D Rules, 2016.
14	Details of Land Use (Sqm)	
	a Ground Coverage Area	19,982.36 Sq.m

	b.	Kharab Land	• Sy. No. 17/2 of Kaikondarahalli Village of 1.0 Guntas- Located in the Nala Area • Sy. No. 18/2 of Kaikondarahalli Village of 3.0 Guntas – Utilized for Road Widening
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	12,561 Sq m
	d.	Internal Roads	15,342.45 sq m (For roads and pavements in the site)
	e.	Paved area	
	f.	Others Specify	Area left for road widening = 318.04 sq m Podium Landscape = 6,325.7 sq m
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	47,885.81 sq m
15	WATER		
	I.	Construction Phase	
	a.	Source of water	BWSSB
	b.	Quantity of water for Construction in KLD	20 KLD
	c.	Quantity of water for Domestic Purpose in KLD	100 KLD
	d.	Waste water generation in KLD	90 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Package STP of 100 KLD capacity.
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	Fresh: 384 KLD Recycled: 540 KLD Total: 924 KLD
	b.	Source of water	BWSSB Sources
	c	Waste water generation in KLD	832 KLD

	d.	STP capacity & Area required	900 KLD
	e.	Technology employed for Treatment	SBR Technology
	f.	Scheme of disposal of excess treated water if any	NA
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	415 cum roof top rain water collection sump proposed.
	b.	Nos of Ground water recharge pits	40 nos. of recharge pits proposed.
17		Storm water management plan	To harvest complete rain water within the site area.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	250kg/day The domestic wastes will be segregated at source and collected, stored and composted through vermicompost and product will be used as manure.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	2010 kg/day The waste will be sent to Organic Waste Converter for treatment.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	3017 kg/day The waste will be handed over to authorized recycler.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used oil from DG Sets of 3 KL/Annum and Waste residues containing oil of 1.5 MT/Annum - Shall be collected in leak proof containers and disposed to KSPCB authorized Re-processors/Incinerator.
	d.	Quantity of E waste generation and mode of Disposal as per norms	2 MT/annum – to be scientifically disposed as per KSPCB norms (during operation phase)
19		POWER	
	a.	Total Power Requirement -Operational Phase	7,300 kVA

	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	7 x 1500 kVA & 2X 1010 kVA DG Sets
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 13.9 % electrical savings proposed. In compliance to KECBC
20	PARKING		
	a.	Parking Requirement as per norms	3844 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Present LOS on Sarjapur – Agara Main Road towards both Sarjapur & Agara is "B".
	c.	Internal Road width (RoW)	8 m tr
21	CER Activities		Rejuvenation of Kaikondarahalli lake, Saul kere, to provide infrastructure facilities to Govt. School in Ambalipura Village, Kaikondarahalli village.
22	EMP • Construction phase • Operation Phase		Rs.2,60,70,000 (capital cost) and Rs. 83,60,000 (Recurring cost) Rs.2,20,00,000 (capital cost) and Rs. 1,66,10,000 (Recurring cost)

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of IT office and retail facilities building project in an area earmarked for industrial use as per RMP of BDA.

The Committee during appraisal sought details regarding cart track and drain as per village map, details of handling organic waste, details of existing buildingand rain water harvesting measures in the proposed area. The Proponent informed the Committee that there they have provided free public access in the cart track road in north and there is existing public road and for the secondary drain in south east, Proponent informed that they have provided 25 mtrs buffer on either side from center and for the tertiary drain in eastern side, Proponent informed that they have given set back of 14 mtrs from the end of drain as it is outside the project site area and ending at project boundary and informed that buffer is provided only on sides of the drain, however, the committee insisted to provide buffer of 15 mtr. For handling organic waste

of 2010kg/day, Proponent submitted that they will install organic waste digestor of suitable capacity for handling the waste generated instead of organic waste converter and the biogas generated will be used as fuel for the DG set. Proponent informed that there are four existing buildings and sheds and about 17,000 tons of demolition waste to be generated and to be handled as per the provisions in C&D Rules 2016 and debris to be handed over to authorized recycler for recovery and disposal by entering into MoU with the authorized agency and by obtaining necessary clearances from statutory body. For harvesting rain water, the Proponent submitted revised calculation and informed the Committee that they had proposed storage tank of capacity of 475 cum, 375 cum and 415 cum capacity for runoff from rooftop and a pond of 1343.25 cum capacity for the runoff from hardscape and landscape areas along with 40 number of recharge pits within the project area.

Further the Committee informed the Proponent to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow total of 600 trees inside the project area and 650 trees as compensatory afforestation near to the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 475cum, 375cum, 415cum and pond of 1343.25cum and 40 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. To verify the applicability of buffer for the drain in eastern side by the zoning authority before starting construction.
4. Proponent agreed to source external water from KGWA approved water tankers.
5. To obtain permission from concerned authority for construction of bridge/culvert on drains
6. To leave free public access in kharab areas.

The Authority perused the proposal and took note of the recommendation of SEAC.

Further, the project proponent vide his letter dated 06.11.2023 requested that "We wish to communicate that our project is being considered by SEIAA to be held on 7.11.3023 It is hereby communicated that our project was considered for appraisal during 305th SEAC meeting and has been recommended to the SEIAA for approval. Further in continuation to the SEAC proceedings we wish to communicate that in our earlier submission we had inadvertently mentioned the nala buffer as 25 m. The nala being tertiary type, we are supposed to leave 15 mtrs buffer as per the norms and request you to condone the error. We are submitting request letter to SEAC to correct nala buffer as 15 mtrs and recommend our file to SEIAA for further processing. Hence, we request you to consider and condone the error in the SEIAA meeting and oblige."

The Authority perused the proposal and the request made by the proect proponent with respect to nala buffer. And as requested by the project proponent the authority decided to refer the file back to SEAC to reexamine the proposal.

245.1.20. "OFFICE COMPLEX (INDHANA BHAVAN)" for KPTCL Project at Devaraju Urs Road (Race Course Road), Ananda Rao Circle, Bangalore Urban District by KPTCL - Kagere Sadashivaiah Basavaprabhu - Online Proposal No.SIA/KA/INFRA2/446697/2023 (SEIAA 148 CON (VIOL) 2023)

M/s. Karnataka Power Transmission Corporation Limited have proposed for construction of - Construction of OFFICE COMPLEX (INDHANA BHAVANA) Project on a plot area of 40,568 Sqm. The total built up area is 48,578.18 Sqm. The Proposed Office Building Configuration: 3B+G+12F .Total water consumption is 152 KLD (Fresh water + Recycled water). The total wastewater generated is 98 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 100 KLD. The project cost is Rs. 176.98 Crores.

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATIONPROVIDED BY PP
1	Name & Address of the Project Proponent	K S BasavaPrabhu Superintendent Engineer (Civil) M/s. Karnataka Power Transmission Corporation Limited Office of the Chief Engineer Electricity, Transmission zone, KPTCL, Bengaluru
2	Name & Location of the Project	Construction of OFFICE COMPLEX (INDHANA BHAVANA) by M/s. Karnataka Power Transmission Corporation Limited (KPTCL), Sy.No.11, Municipal No.54, Ward No:77, Devaraju Urs Road (Race Course Road), Ananda Rao Circle, Bangalore.

3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Office Complex Category 8(b) as per EIA Notification 2006 and as per the provisions in MoEF&CC OM dated 07.07.2021
	b.	Residential Township/ Area Development Projects	Not Applicable
	c	Zoning Classification	The project site comes under Public and Semi-public zone as per Bangalore Revised Master Plan 2015.
4		New/Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	KPTCL is having existing facility at site area 40,568 Sqm which is established earlier to the year 1975. There is a nala located within the project site which is stabilized and routed as it is from entry point to the project site to exit point from the project site. The present development of INDHANA BHAVANA is located at NE direction of the project site and nala which is at a distance of 80 m.
6		Plot Area (Sqm)	40,568 Sqm
7		Built Up area (Sqm)	Existing built up area – 13,581.17 Sqm Additional built up area – 34,997.01 Sqm Total built up area – 48,578.18 Sqm
8		FAR • Permissible • Proposed	Permissible - 2.25 (91,278 Sqm) Achieved - 0.97 (39,369.67 Sqm)
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed Office Building Configuration: 3B+G+12F - 49.9 m
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	Not applicable
11		Height Clearance	Project site elevation – 918 m Building Height – 49.9 m Maximum building height – 967.9 m AMSL Justification, there is an existing building of Renaissance Bengaluru towards northern side at distance of 50mtrs having top elevation of 989.4m AMSL.
12		Project Cost (Rs. In Crores)	176.98 Crores

13		Disposal of Demolition waster and or Excavated earth	Construction has been completed for the additional built-up area. The quantum of topsoil excavated from the construction activity was properly stacked and reused for road formation and landscape within the site.	
14		Details of Land Use (Sqm)		
	a.	Ground Coverage Area	6,585.9 Sqm	
	b.	Kharab Land	Nil	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	4,345.25 Sqm	
	d.	Internal Roads	9,655.26 Sqm	
	e.	Paved area		
	f.	Others Specify	Road widening area - 1,716.48 Sqm, Substation Area – 14,208.61 Sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	Park and open space – 4,056.5 Sqm (10.44%)	
	h.	Total	40,568 Sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	Construction - STP treated water, Domestic purpose – Outside tanker water	
	b.	Quantity of water for Construction in KLD	10 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4.5 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	64 KLD (Domestic)
			Recycled	88 KLD (Flushing – 51 KLD, Landscape - 26 KLD, HVAC – 11 KLD)
			Total	152 KLD
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	98 KLD	
	d.	STP capacity& Area required	100 KLD	
	e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology	
	f.	Scheme of disposal of excess treated	Treated water - 88 KLD	

		water if any	Treated water will be used for the following: Flushing – 51 KLD Landscape – 26 KLD HVAC – 11 KLD
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	2X90 KL (2 days storage)
	b.	No's of Ground water recharge pits	55 No's
17		Storm water management plan	• Land is gently sloping towards West direction. • Separate rainwater drainage system will be provided for collecting rainwater from hardscape and softscape area.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Total quantity of solid waste generated – 10 kg/day Quantity of organic waste generated - 4 kg/day Quantity of In-organic waste generated - 6 kg/day • The construction earth and other wastes were reused for backfilling and road formation within the site premises. • Domestic waste was segregated and was not allowed mixing with the construction waste. • Solid waste will be generated and collected manually and handed over to local body for further processing.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity of organic waste generated - 204 kg/day Organic wastes will be segregated & collected separately and will be processed in organic waste converter within the project site. Sludge generated from STP will be used as manure for greenery development.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity of In-organic waste generated - 307 kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
	c.	Quantity of Hazardous Waste	Waste oil generated from the DG sets will be

		generation and mode of Disposal as per norms	1.32 KL/annum. This generated waste oil will be stored in identified location in a closed leak proof containers under roof within the building premises for its safe disposal. The same will be disposed to KSPCB authorized recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	The estimated amount of E-waste generated from the project will be around 10.22 TPA. The generated e-waste will be handled as per e-waste management rules and disposed to authorized agencies.
19		POWER	
	a.	Total Power Requirement - Operational Phase	2851 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	DG: 2X1010 kVA & 1X500 kVA (Backup power source)
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as solar energy, VFD drives, and LED lights are proposed in the project -18.4%.
20		PARKING	
	a.	Parking Requirement as per norms	699 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic study conducted in both directions towards Race Course and Mourya Circle.Level of Service (LOS) is "C" - average.
	c.	Internal Road width (RoW)	8 m wide
21		CER Activities	Construction of rainwater harvesting facility and recharge pits at B B M P Higher Primary & High School, Malleshwara, Bangalore. Time frame – 1 year
22		EMP • Construction phase • Operation Phase	EMP cost is allocated for operation phase. Capital Cost – Rs. 113.55 Lakhs, Maintenance Cost – Rs. 17.5 Lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for appraisal for an already constructed office building as per the provisions in MoEF&CC OM dated 07.07.2021. SEIAA had issued ToR on 12.09.2023.

The Proponent informed that as per O.M. dated 7th July 2021, KPTCL attracts the section 12(a)(i), for new project where operation has not commenced, the penalty calculation should be, *"1% of the total project cost incurred up to the date of the filing of application along with EIA/EMP report"*. If the violation is accepted by the proponent and submitted the application for regularization under violation case, there is relaxation of 50% in the 1% penalty and the penalty is calculated by considering project investment,

1. Total Project Cost Rs. : 1,76,98,60,897.30/- (176.98 Cr)
2. Total BUA : 34,997.01 Sqm
3. Penalty of 1% : Rs. 1,76,98,608.97/-
4. Penalty considered as 0.5% of the total cost spent on BUA is Rs. **88,49,304.5/-**

Further informed that the by considering construction period of 24 months for damage assessment for the additionally constructed built up area of 34,997.01 Sqm having 3B+ G+12UF building configuration, the following are the assessed damage cost,

Environment Damage Cost (in Rs.)	
Air Environment	11,78,262
Water Environment	Nil
Noise Environment	50,000
Ecological Environment	2,55,000
Total	**14,83,262**

Total assessed damage cost is Rs. 14,83,262/-

For Natural and Community Resource Augmentation Plan, the Proponent submitted following action plan,

Sl No	Activity	Description	Locations	Rate	Total Quantity	Cost in Lakhs			
						Total Cost	Year I	Year II	Year III
1	Ground Water Recharge Pits	Construction of Ground water Recharge pits at nearby areas (3 pits each)	4 areas namely Gandhinagar Sheshadripuram Vasanthnagar Shivajinagar	Rs. 50,000/ Pits	12nos	6	2	2	2
2	Infrastructure Development	Renovation & Construction Of Bus Shelters adjacent to the project site to facilitate travelers	KPCC office bus stop adjacent to the project site	-	-	3	3	-	-
3	Energy Conservation	Installation of solar streetlight (10 each)	2 areas namely Gandhinagar, ShesadriPuram	Rs 30,000/ Unit	20 nos	6	2	2	2
					Total	15	7	4	4

The Committee accepted the details and appraised the project.

The Committee during appraisal sought clarification regarding the existing buildings and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that there are existing KPTCL buildings with BUA 13,581.17 Sqm which were constructed prior to the EIA Notification 2006 and BUA of 34,997.01 Sqm was constructed in addition to the existing building, making total BUA of 48,578.18 Sqm, with in the existing plot area of 40,568.00Sqm. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of capacity 2x90 cum capacity for runoff from rooftop, hardscape and landscape areas along with 55 number of recharge pits within the project area.

Further the Committee informed the Proponent to have provisions for smart water meters for individual units for conservation of waterand to look into additional provisions for harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 510 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that allwere within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 2x90cum and 55 recharge pits.
2. To obtain HAL NoC and submit during HYC.
3. Proponent agreed to grow additional trees within their campus.
4. To carry out the augmentation plan as informed.

The Authority perused the proposal and took note of the recommendation of SFAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. Filing a complaint before Jurisdictional Court of law for the alleged violation under section 19 of the Environment (Protection) Act 1986.

   (a) A Bank guarantee for an amount of Rs. 15 Lakhs with the Karnataka State Pollution Control Board, Bengaluru along with details of remediation plan and Natural and Community Resource Augmentation Plan and the time frame for execution of the same.

   (b) As per SoP dated:07.07.2021, section 12(b)(ii) 0.5% of the total expansion cost for 1,76,98,60,897.30/- (176.98 Cr)-.:- Rs. 14,83,262/- Penalty amount shall be paid to Karnataka State Pollution Control Board, Bengaluru.

The PP shall also submit the following details;

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *To obtain HAL NoC and submit during HYC.*
5. *As agreed project proponent shallgrow additional trees within their campus.*

6. *To carry out the augmentation plan as informed.*

7. *The PP shall grow 180 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*

8. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*

9. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*

10. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*

11. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

The Authority also decided to authorize Shri H. K. Vasanth, Advocate and Scientific Officers, Department of Forest, Ecology and Environment for filing the complaint.

245.1.21. Expansion & Modification of Residential Apartment project at Whitefild Village, K R Puram Hobli, Bengaluru East Taluk, Bengaluru by M/s. Sumadhura Infracon Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/443921/2023 (SEIAA 159 CON 2023)

M/s. Sumadhura Infracon Pvt. Ltdhave proposed for construction of Expansion & Modification of Residential Apartment Project on a plot area of 67,382.62 Sqm. The total built up area is 2,82,372.57 Sqmt. The proposed project consists of 1360 Nos Wing A: 2B+G+19UF, Wing B: 2B+G+19UF , Wing C: 2B+G+19UF, Wing D:2B+G +19UF, Wing E:2B+G +19UF, Wing F:2B+G+19UF, Wing G:2B+G+19UF. Total water consumption is 998 KLD (Fresh water + Recycled water). The total wastewater generated is 900 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of -900 KLD. The project cost is Rs. 400 Crores.

Details of the project are as follows:

Sl No.	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	Mrs. JeevanaKalakuntla, Environmental Officer, M/s. Sumadhura Infracon Pvt. Ltd.,

			No. 43, 2nd Floor, CKB plaza, Varthur main road, Marathahalli, Bengaluru - 560 037.
2		Name & Location of the Project	Expansion & Modification of Residential Apartment project at Sy. Nos. 47/1, 47/2A, 47/2B, 47/3, 48/1C, 48/3 And 48/4 Of Whitefield Village, K R Puram Hobli, Bangalore East Taluk, Bangalore.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(b) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
4		New/Expansion/Modification/ Renewal	Expansion
5		Water Bodies/ Nalas in the vicinity of project site	Sheelavanthakere is adjacent to project site at south direction
6		Plot Area (Sqm)	67,382.62 Sqm
7		Built Up area (Sqm)	2,82,372.57 Sqmt
8		FAR • Permissible • Proposed	 3.6 (including TDR) 2.765(including TDR)
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Project comprises of Wing A: 2B+G+19UF Wing B: 2B+G+19UF Wing C: 2B+G+19UF Wing D:2B+G +19UF Wing E:2B+G +19UF Wing F:2B+G+19UF Wing G:2B+G+19UF
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	Expansion of units from 1100 Nos. to 1360 Nos.
11		Height Clearance	Justification, informing that at a distance of 1.0 km there is existing Sobha ltd. building for an height of 59.95 m and top elevation is 936.95m AMSL and proposed building is having top elevation of 928.34m AMSL
12		Project Cost (Rs. In Crores)	Rs. 400 Cr.
13		Disposal of Demolition waster and or Excavated earth	No Demolition waste is generated and Excavated earth we used our project site only.

14	Details of Land Use (Sqm)			
	a.	Ground Coverage Area	9,469.40 Sqm	
	b.	Kharab Land	607.0 Sqmt	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	27,072 Sqm (podium landscape – 13573 .0 sqm + landscape on natural earth – 13499.0 sqm)	
	d.	Internal Roads	26,944.3 Sqm	
	e.	Paved area		
	f.	Others Specify	Civic Amenities is 3289.88 sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	67,382.62 sqm	
15	WATER			
	I.	Construction Phase		
	a.	Source of water	BWSSB STP treated water/Nearby STP treated water	
	b.	Quantity of water for Construction in KLD	100 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD	
	d.	Waste water generation in KLD	8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	638 KLD
			Recycled	360 KLD
			Total	998 KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	900 KLD	
	d.	STP capacity	900 KLD	
	e.	Technology employed for Treatment	SBR Technology, Area required for STP is 900 Sqmt	
	f.	Scheme of disposal of excess treated water if any	NA	
16	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to store Roof run off	A rainwater collection tank of 175 KLD capacity 2 No. 100 KLD capacity 1 nos, 200 KLD 4 Nos. Area required for Rain water tank is 1100 Sqmt	
	b.	No's of Ground water recharge	48Nos.	

		pits	
17		Storm water management plan	We have provided 175 KLD capacity 2 No. 100 KLD capacity 1 nos., 200 KLD 4Nos. of roof water collection sump and 48 nos. of recharge pits all along the project site.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Handed over to BBMP authorities
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	2206 kg/day converted in to organic manure and used for garden 92kg/ hr 2210 kg/day of capacity Space required is 200sqmt
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	1471 kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	120-150lts given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	500 kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	5692 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 5 Nos.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 29.30%
20		PARKING	
	a.	Parking Requirement as per norms	1652 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report On Ramagondanahalli Road is B

			On Borewell Road is B/C on SH-35 / NH-207 • towards Varthukodi is B • towardsWhitefield is B
	c.	Internal Road width (RoW)	8.0
21		CER Activities	To develop and rejuvenate including beautification of lake adjacent to the project site.
22		EMP • Construction phase • Operation Phase	 97.2 Lakhs 630 Lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for modification and expansion of existing EC issued by SEIAA on 23.03.2022 for BUA of 1,92,588.7 Sqm in plot area of 46,658.10 Sqm and now it has been proposed for a BUA of 2,82,372.57Sqm and in plot area of 67,382.62. The Proponent has submitted architect certificate dated 28.09.2023 informing that BUA of 84,582 Sqm has been constructed with reference to the earlier EC and has submitted Certified Compliance Report from MoEF&CC dated 20.09.2023 informing that two towers are completed. Proponent informed the Committee that they were complying with EC conditions and had no observations in the CCR issued by MoEF&CC and for completed construction they have CFE from KSPCB dated 27.09.2021 and approved plan from BBMP dated 23.03.2023. SEIAA had issued ToR on 29.08.2023.

The Committee during appraisal sought details regarding water bodyand cart track roadas per village map and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that, for the water body in south west they had provided buffer of 30mtr from edge of the water body and informed that there is existing public road for the area shown as cart track as per village map. For harvesting rain water, the Proponent has proposed 100cum, 4x200cum, 2x175cumcapacity of sump for runoff from rooftop, landscape and paved areas in addition to 48recharge pits within the site area.

The Proponent informed that they have made provisions to grow and maintain 560trees in the project area and provide charging facilities to electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Committee informed the Proponent to use sustainable building materials in the proposed project and harvest complete rainwater from the project site, for which the Proponent agreed.

The Committee noted that the baseline parameters are found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1 To provide RWH tanks of 100cum, 4x200 cum, 2x175cum capacityand 48recharge pits.
1. To undertake additional plantation in the early stage of construction.
2. Proponent agreed to carry adjacent waterbody rejuvenation.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. To comply with the observations in CCR issued by MoEF&CC.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*

4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *To undertake additional plantation in the early stage of construction.*
5. *As agreed project proponent shallcarry adjacent waterbody rejuvenation.*
6. *As agreed project proponent shallsource external water from KCWA approved water sources.*
7. *To comply with the observations in CCR issued by MoEF&CC.*
8. *The PP shall grow 560 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
9. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
10. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
11. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
12. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.22. Brigade Township Development Project Devanahalli Village, Bengaluru North, Bengaluru by M/s. BCV Developers Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/446629/2023 (SEIAA 160 CON 2023)

M/s. BCV Developers Private Limited, have proposed for construction of Brigade Township Development Project on a plot area of 4,33,776.50 Sq.m The total built up area is 6,05,994.23 Sq.m. The proposed project consists of2,682 Dwelling UnitsMultiple Number of Blocks from Villas being Ground Floor + 2 Upper Floors, Apartment Blocks ranging from 1 Basement Floors to 2 Basement Floors + Ground Floor + Stilt Floor + 7 Upper Floors to 18 Upper Floors. Club House with Ground Floor + 3 Upper Floor. Total water consumption is 2,099 KLD (Fresh water + Recycled water). The total wastewater generated is 1826 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 2112 KLD. The project cost is Rs. 800 Crores.

Details of the project are as follows:

Sl. No		PARTICULARS	INFORMATIONPROVIDED BY PP
1		Name & Address of the Project Proponent	M/s. BCV Developers Private Limited 29th& 30th Floor, World Trade Center, Brigade Gateway Campus, 26/1, Dr Rajkumar Road, Malleswaram - Rajajinagar, Bengaluru - 560055
2		Name & Location of the Project	Brigade Township Development at Sy. Nos.30/3, 33, 35/1, 35/2, 35/3, 35/4, 35/5, 36, 37/2, 38/2 and 39 of Rayasandra Village and Sy. Nos. 368/1P, 368/2, 368/3, 369/1, 371/1, 371/2, 372P, 376/4 and 397 of Devanahalli Village, Kasaba Hobli, Devanahalli Taluk, Bengaluru Rural, Bengaluru
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Integrated Township with Dwelling Units, Hospital, School, Sports, Recreation, Retail, Commercial Office, Club House, Senior Living and Leisure Category 8(b) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	--
	c	Zoning Classification	The Land Use as per Bengaluru International Airport Area Planning Authority Master Plan 2021 is partly Residential and partly Agriculture.

			Conversion of Land Use to Residential is Obtained from the concerned authority
4		New/Expansion/Modification/Renewal	Extension of Validity after 11 Years / Expansion
5		Water Bodies/ Nalas in the vicinity of project site	The project site falls within two villages viz., Rayasandra and Devanahalli Villages. As per the Devanahalli Village Map, Korakalu Nalas are seen in Sy. No. 268. In Rayasandra Village Map Nalas are seen in Sy. Nos. 30/3, 33, 35/1, 35/2, 35/3, 35/4, 35/5, 36, 37/2, 38/2, 39. Required buffer as per norms are provided and Plan Sanction is obtained from Bengaluru International Airport Area Planning Authority (BIAAPA).
6		Plot Area (Sqm)	4,33,776.50 Sq.m
7		Built Up area (Sqm)	6,05,994.23 Sq.m
8		FAR • Permissible • Proposed	 2.25 1.22
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Multiple Number of Blocks from Villas being Ground Floor + 2 Upper Floors, Apartment Blocks ranging from 1 Basement Floors to 2 Basement Floors + Ground Floor + Stilt Floor + 7 Upper Floors to 18 Upper Floors. Club House with Ground Floor + 3 Upper Floors.
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	2,682 Dwelling Units
11		Height Clearance	Obtained AAI NoC dated 03.03.2021 and height 53m (Max)
12		Project Cost (Rs. In Crores)	800 Cores
13		Disposal of Demolition waster and or Excavated earth	Construction debris of about 24,240 Tones will be handled as per Construction and Demolition Waste Management Rules 2016 Total 1,79,000 cum of excavated earth is estimated for the construction of the project. Of this 1,10,980 cum is already excavated and used within the project

			premises. Balance excavation is 68,020 cum. Top earth of about 19,800 cum shall be stored and used for landscaping. About 19,300 cum of excavated soil will be used for Roads and walkways and remaining 9,700cum will be used for backfilling.	
14		Details of Land Use (Sqm)		
	a.	Ground Coverage Area	1,01,243.43Sq.m	
	b.	Kharab Land	-- Not included	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,43,150 Sq.m	
	d.	Internal Roads	1,89,383.07Sq.m	
	e.	Paved area		
	f.	Others Specify	–	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--	
	h.	Total	4,33,776.5Sq.m	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	Treated water from Operational STPswithin the Project campus	
	b.	Quantity of water for Construction in KLD	10 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	20 KLD	
	d.	Waste water generation in KLD	17 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	20 KLD STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	1,374 KLD
			Recycled	725 KLD
			Total	2,099 KLD
	b.	Source of water	Borewell, Panchayat, Rooftop Rainwater and Treated Water	
	c.		1,826 KLD	
	d.	STP capacity& Area required	Decentralized STPs of total capacity of 2,112 KLD Area Required is 3,700S q,m	
	e.	Technology employed for Treatment	Sequencing Batch Reactor Technology	
	f.	Scheme of disposal of excess treated	Treated water will be used for toilet	

		water if any	flushing, landscaping, etc.
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	1800cum
	b.	No's of Ground water recharge pits	200Nos.
17		Storm water management plan	Garland drains with 200 Nos. recharge pits, 5 Ponds of total capacity of 7503cum
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	20kg/day of solid waste shall be disposed through Devanahalli Town Municipal Council
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	3,691kg/day will be composed within the project campus using Organic Waste Converter
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	5,537kg/day of Non-Biodegradable waste will be segregated and sold to Local Authorized Recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	2000kg/annum will be handed over to KSPCB Authorized Agencies
	d.	Quantity of E waste generation and mode of Disposal as per norms	100 kg/annum of E Waste will be collected separately and handed over to KSPCB Authorized Agencies.
19		POWER	
	a.	Total Power Requirement -Operational Phase	25MVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 x 62.5 KVA + 2 x 125 KVA + 1 x 160 KVA + 3 x 200 KVA + 1 x 225 KVA + 6 x 250 KVA + 1 x 400 KVA + 21 x 500 KVA + 4 x 625 KVA + 2 x 1000 KVA
	c.	Details of Fuel used for DG Set	High Speed Diesel (HSD)
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	a.Timer based External Lights b.BEE Star rated electromechanical systems shall be used in the development. c.Solar Water Heating systems for top 2 floor dwelling units d.Use of HF ballast for lighting e.Use of LED light fittings f.Building Orientation; Cross

			Ventilation. g. Solar Street Light h. Solar PV of 150KWH capacity Total Savings – 29.92%
20		PARKING	
	a.	Parking Requirement as per norms	3,659ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Sullibele Road (North Gate): A Budigere Road (South Gate): A/B Devanahalli Bypass Road (towards NH 44): C Devanahalli Bypass Road (Chikkaballapura): C NH-44 Bengaluru - Bellary Road (Towards Bengaluru: B NH-44 Bengaluru - Bellary Road (Towards Chikkaballapura: B
	c.	Internal Road width (RoW)	18m
21		CER Activities	1.Jobs for local people during construction and operation phase. 2.Free Medical check-up camps will be held 3.Infrastructure creation for sanitation systems to control waterborne diseases viz., Malaria, Dengue, Diarrhoea, Dysentery, Cholera, etc. 4.Plantation in community areas
22		EMP • Construction phase • Operation Phase	During Construction Phase: Capital Investment – 4.77Crores Recurring Cost – 43.4 Lakhs/ Annum During Operation Phase: Capital Investment – 25.63Crores Recurring Cost–91.95Lakhs/ Annum

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The Proponent informed that the proposal is for validity extension of EC and SEIAA on had issued EC on 08.05.2012 and corrigendum in 18.06.2022 for BUA of 6,05,994.23Sqm in plot area of 4,33,776.50Sqm and SEAIAA on 26.05.2023 had extended validity till 07.05.2024 and to complete remaining 35% of total work and hence, they have applied under expansion of EC, as there is no other provision for validity extension for EC in PARIVESH. Further the Proponent informed that presently there is no change in

BUA and plot area in reference to the Corrigendum issued on 18.06.2022 for BUA 6,05,994.23Sqm and in plot area of 4,33,776.50. The Proponent has submitted architect certificate dated 15.10.2023 informing that BUA of 3,73,728.26Sqm has been constructed with reference to the earlier EC and has submitted Certified Compliance Report from MoEF&CC dated 06.09.2023 informing that 70% of work is completed. Proponent informed the Committee that they were complying with EC conditions and had no observations in the CCR issued by MoEF&CC and for completed construction they have CFO from KSPCB dated 03.12.2016 CFE from KSPCB dated 07.01.2023 and Occupancy Certificates from concerned authority and approved plan from BIAAPA dated 31.03.2015. SEIAA had issued ToR on 30.08.2023.

The Committee during appraisal sought details regarding temple and as per village map and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that, for all the tertiary drains inside the and in the buffer zone to the project site area, buffer of 3mtrs on either side from the edge of drain is provided as per BIAAPA approval and for the temple in south east, they have provided free public access in kharab area. For harvesting rain water, the Proponent has proposed total of 1,800cumcapacity of sump for runoff from rooftop and ponds of total capacity of 7,503cum for runoff fromlandscape and paved areas in addition to 200recharge pits within the site area.

The Proponent informed that they have made provisions to grow and maintain 6200trees in the project area and provide charging facilities to electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Committee informed the Proponent to use sustainable building materials in the proposed project and harvest complete rainwater from the project site, for which the Proponent agreed.

The Committee noted that the baseline parameters are found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide RWH tanks of 1,800cum total capacity, pond of 7,503 cum total capacity and 200s of recharge pits.
2. To undertake additional plantation in the early stage of construction.
3. Proponent agreed to carry adjacent waterbody rejuvenation.
4. Proponent agreed to source external water from KGWA approved water tankers.
5. To comply with the observations in CCR issued by MoEF&CC.
6. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site.
7. To obtain permission from concerned authority for construction of bridge/culvert on drains
8. To leave free public access in kharab areas.
9. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *To undertake additional plantation in the early stage of construction.*
5. *As agreed project proponent shall to carry adjacent waterbody rejuvenation.*
6. *As agreed project proponent shallto source external water from KGWA approved water sources.*
7. *To comply with the observations in CCR issued by MoEF&CC.*
8. *Proponent agreed to carry out community recharge of bore wells in the vicinity of the site.*
9. *To obtain permission from concerned authority for construction of bridge/culvert on drains*
10. *To leave free public access in kharab areas.*
11. *Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.*
12. *The PP shall grow 6200 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
13. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
14. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
15. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
16. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.23. Residential Development Project at Kaggalipura Village, Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru Urban by M/s. Ameliorate Realtors Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/445292/2023 (SEIAA 190 CON 2023)

M/s. Ameliorate Realtors Private Limited have proposed for construction of Residential Development Project on a plot area of 8, 593.23 Sqmt The total built up area is 27, 882.37 Sqmt. The proposed project consists of 187 Nos units with B+GF+14F. Total water consumption is 124 KLD (Fresh water + Recycled water). The total wastewater generated is 112 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 115 KLD. The project cost is Rs. 68.85 Crores.

Details of the project are as follows:

Sl. No		PARTICULARS	INFORMATION PROVIDED BY PP
1		Name & Address of the Project Proponent	**Archana Sharma** AGM - Design **M/s. Ameliorate Realtors Private Limited,** No.22, 5th Floor, Hara Chambers, KH Road, Bengaluru – 560 027.
2		Name & Location of the Project	Residential Development at Sy Nos. 176/1 of Kaggalipura Village, Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru Urban.
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Proposed Residential Development. Category 8(a) as per EIA Notification 2006.
	b.	Residential Township/ Area Development Projects	--
	c.	Zoning Classification	Residential
4		New/~~Expansion/Modification/Renewal~~	New
5		Water Bodies/ Nalas in the vicinity of project site	Radhakunj Lake – 1.0 KM from the project site in the North West direction.
6		Plot Area (Sqm)	8, 593.23 Sqmt
7		Built Up area (Sqm)	27, 882.37 Sqmt
8		FAR • Permissible • Proposed	 2.5 2.4
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	B+GF+14F

10	Number of units/plots in case of Construction / Residential Township / Area Development Projects	187 Nos
11	Height Clearance	As per CCZM permissible height is281mtrs and proposed height is 44.85 m
12	Project Cost (Rs. In Crores)	Rs. 68.85 Cr
13	Disposal of Demolition waster and or Excavated earth	• Total Excavated Earth –8, 664 Cum • Backfilling for Villas – 2, 455 Cum • For landscaping – 2, 974 Cum • For roads & paved areas - 2, 732 Cum • Site Formation – 503 Cum
14	**Details of Land Use (Sqm)**	
a.	Ground Coverage Area	1,925.35 Sqmt
b.	Kharab Land	193.80 Sqmt
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,974.01 Sqmt
d.	Internal Roads	-
e.	Paved area	125 Sqmt
f.	Others Specify	Driveway Ramp - 2,731.57 Sqmt Surface Parking Area – 261.25 Sqmt Service Area – 137.7 Sqmt Area left for road widening - 244.53 Sqmt
g.	Parks and Open space in case of Residential Township/ Area Development Projects	Included in the landscape area
h.	Total	8, 593.23 Sqmt
15	**WATER**	
I.	Construction Phase	
a.	Source of water	Tertiary treated water will be used for construction.
b.	Quantity of water for Construction in KLD	3 KLD
c.	Quantity of water for Domestic Purpose in KLD	1 KLD
d.	Waste water generation in KLD	0.9 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated from the construction site is 0.9 KLD which will be collected in collection tank & will be lifted to BWSSB sewage Plant for further treatment.
II.	**Operational Phase**	

	a.	Total Requirement of Water in KLD	Fresh	82 KLD
			Recycled	42 KLD
			Total	124 KLD
	b.	Source of water	KaggalipuraGramaPanchayat.	
	c.	Waste water generation in KLD	112 KLD	
	d.	STP capacity& Area required	115 KLD	
	e.	Technology employed for Treatment	Sequential Batch Reactor	
	f.	Scheme of disposal of excess treated water if any	For Flushing – 42 KLD For Landscaping – 24 KLD For avenue plantation – 34 KLD	
16		**Infrastructure for Rain water harvesting**		
	a.	Capacity of sump tank to store Roof run off	140 Cum/Day	
	b.	No's of Ground water recharge pits	9 Recharge pits	
17		Storm water management plan	Yes	
18		**Waste Management**		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Estimated to be 12 kg/Day. Solid waste generated will be Handed over to BBMP authorized vendors.	
	II.	**Operational Phase**		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	168 kg/Day. Biodegradable wastes will be segregated at the source and will be processed in proposed organic waste converter.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	252 kg/Day. Non-biodegradable Wastes will be given to the waste recyclers.	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 0.243 L/hr. Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.	
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.	
19		**POWER**		
	a.	Total Power Requirement - Operational Phase	454 KVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	250 KVA x 2 Nos.	
	c.	Details of Fuel used for DG Set	104.76 l/hr	

	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	• Conventional Geyser, CFL Lamp & Conventional AC Supply • LED Lights • 5 Star rated AC Total savings of : 20%
20		**PARKING**	
	a.	Parking Requirement as per norms	206 ECS
	b.	Level of service	LoS C
	c.	Internal Road width (RoW)	6 mtr
21		CER Activities	To provide infrastructure facilities to near by Govt. Schoo / Hospital
22		EMP • Construction phase • Operation Phase	<u>During Construction:</u> ▪ Selection of less noise generating equipment. ▪ Personnel Protective Equipment (PPE) will be provided for construction workers. ▪ The working hours will be imposed on construction workers. ▪ Use of water sprays to prevent the dust from being air borne. ▪ Providing barricades all-around the project site. ▪ The generated sewage will be treated in mobile STP. ▪ Periodic check and regular maintenance of construction machinery for emissions. ▪ Clean fuel will be used in equipments. <u>Capital investment – 9 lakhs</u> <u>Recurring Cost – 12 lakhs/ annum</u> <u>During Operation:</u> ▪ Sewage will be treated with the proposed State-of-the-art Sewage Treatment Plant to produce tertiary treated water which is ultimately reused for domestic purposes after pretreatment such as flushing and gardening. ▪ Roof top rain water & Surface run off from hardscape will be harvested in recharge tank and it will be recharge to ground ▪ Acoustic enclosures will be provided to DG set. ▪ Noise levels will be checked periodically using a noise dosimeter.

		▪ Ambient air quality monitoring as per the prescribed norms at regular interval. ▪ Biodegradable wastes will be segregated at the source and will be processed in proposed Biogas plant. ▪ Non-biodegradable Wastes will be given to the waste recyclers. ▪ Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers. ▪ A beautiful landscape will be developed where native species of trees will be planted Capital investment - 132.5 lakhs Recurring Cost - 18 lakhs/ annum

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for residential use as per RMP of BDA.

The Committee during appraisal sought details regarding foot kharab as per village map and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that the foot kharab in east is maintained as it is and with free public access. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of capacity 140cum capacity for runoff from rooftop, hardscape and landscape areas along with 09 number of recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 110 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 140 cum and 09 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site
5. To provide free public access in kharab area.
6. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *As agreed project proponent shall source external water from KGWA approved water sources.*
5. *To grow trees in the early stage before taking up of construction.*
6. *As agreed project proponent shallcarry out community recharge of bore wells in the vicinity of the site*
7. *To provide free public access in kharab area.*
8. *Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.*
9. *The PP shall grow 110 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
10. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
11. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
12. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
13. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.24. Expansion of Commercial Complex Project at NS Palya & Bilekahalli Village, Begur Hobli, Bengaluru South Taluk, Bengaluru by M/s. Blue Horizon Hotels Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/420741/2023 (SEIAA 184 CON 2023)

M/s. Blue Horizon Hotels Pvt Ltd have proposed for construction of Expansion of Commercial Complex Project on a plot area of 18,615.06 sq. m. The total built up area is 1,36,828.42 Sq. The proposed project consists of Hotel Block: 3 Basement + Ground Floor + 5 Upper Floors+ Terrace and Mall Block: 5 Basement + Ground Floor+ 6 Upper Floors+ Terrace, Office Block: 2 Basement + Ground Floor+ 7 Upper Floors. Total water consumption is 523KLD (Fresh water + Recycled water). The total wastewater generated is 470 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 500 KLD. The project cost is Rs. 34.00 Crores.

Details of the project are as follows:

Sl.No		PARTICULARS	INFORMATIONPROVIDED BY PP
1		Name & Address of the Project Proponent	M/s. Blue Horizon Hotels Pvt Ltd, #172/1, Srinivas Industrial Estate, Bannerghatta Road, Bangalore – 560 076
2		Name & Location of the Project	Sy. No. 75 of N.S. Palya & 172/1 of Bilekahalli Village, Begur Hobli, Bengaluru South Taluk, Bengaluru
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Expansion of Commercial Complex Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
	c	Zoning Classification	
4		New/Expansion/Modification/Renewal	Expansion/Modification
5		Water Bodies/ Nalas in the vicinity of project site	---
6		Plot Area (Sqm)	18,615.06 sq. m
7		Built Up area (Sqm)	1,36,828.42 Sq m
8		FAR Permissible Proposed	 3.5 3.47
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper	Hotel Block: 3 Basement + Ground Floor + 5 Upper Floors+ Terrace

	Floors]	Mall Block: 5 Basement + Ground Floor+ 6 Upper Floors+ Terrace Office Block: 2 Basement + Ground Floor+ 7 Upper Floors
10	Number of units/plots in case of Construction/ Residential Township /Area Development Projects	-
11	Height Clearance	The maximum permissible height of the building is 30 m. We have provided the height is 29.95 m
12	Project Cost (Rs. In Crores)	Rs. 34 Cr.
13	Disposal of Demolition waster and or Excavated earth	Demolition Waste: Not Applicable Excavated Earth: Quantity of Earth Work Excavation : 3240 cum Backfilling with available earth : 810 cum Top soil requirement for landscape development on natural earth: 900 cum Earth used for formation of internal roads : 450 cum Excavated earth of used for site levelling within the site: 1080 cum
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	8,705 Sq m
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	5,835.89 Sq. m
d.	Internal Roads	3,143.61 Sq. m
e.	Paved area	
f.	Others Specify	930.56 Sq m
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
h.	Total	18,615.06 Sq m
15	WATER	

	I.	Construction Phase		
	a.	Source of water	Treated Sewage	
	b.	Quantity of water for Construction in KLD	5 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	1 KLD	
	d.	Waste water generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Proposed to treat the sewage in the existing STP located within the site premises	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	311 KLD
			Recycled	212 KLD
			Total	523 KLD
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	470 KLD	
	d.	STP capacity& Area required	500 KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Excess water to be completely utilized within the site area.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	200 cum	
	b.	No's of Ground water recharge pits	8 No's	
17		Storm water management plan	The storm water produced within the site will be directed to recharge pits provided around the periphery of the site.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Solid waste generated during construction to be handed over to authorized vendors.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	176 kgs/day of organic waste will be treated in Organic convertor	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	264 kgs/day of inorganic waste will be given to authorized vendors	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Quantity generated be handed over toauthorized vendors.	
	d.	Quantity of E waste generation and	.	

		mode of Disposal as per norms	
19		POWER,	
	a.	Total Power Requirement - Operational Phase	The power requirement is about 2500 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Existing 4 No's of capacity 2000 KVA x 2 No's, 600 KVA x 2 No's & Proposed 500 KVA x 2 No's
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 12%
20		PARKING	
	a.	Parking Requirement as per norms	1057 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS C
	c.	Internal Road width (RoW)	6 mtr
21		CER Activities	To provide of Drinking Water facility/Improving sanitary or drainage works to Government School of Begur Village or nearby village
22		EMP Construction phase Operation Phase	Construction phase Rs.: 10.48Lakhs Operation phase Rs. : 33.9 Lakhs.

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for modification and expansion of EC issued by SEIAA on 09.02.2010for BUA of 1,21,620 Sqm in plot area of 18,666 Sqm and now it has been proposed for a BUA of 1,36,828.42 Sqm in plot area of 18,615.06 Sqm. The Proponent has submitted architect certificate dated 07.10.2023 informing that BUA of 1,03,403.74 Sqm has been constructed with reference to the earlier EC and has submitted Certified Compliance Report from MoEF&CC dated 01.09.2023 informing that the building is operational and some non-compliances to EC conditions regarding not provided adequate RWH provisions, provisions to handle bio-degradable and non-bio degradable

waste, not provided adequate green belt, provisions for harvesting solar energy, etc,. Proponent submitted undertaking, stating that the proposed expansion will be commenced only after complying with the non-compliances mentioned in CCR issued by MoEF&CC and requested the Committee to consider the proposal for expansion and for completed construction Proponent has obtained CFO from KSPCB dated 02.12.2021 and approved plan from BBMP dated 09.07.2009 and Occupancy certificate from BBMP dated 27.03.2017. The Committee noted the clarification.

The Committee during appraisal sought details regarding water body as per village mapand provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that the there is no water body in east as per RMP of BDA and for existing building, BBMP had approved the plan without considering water body. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of capacity 200cum capacity for runoff from rooftop, hardscape and landscape areas along with 08 number of recharge pits within the project area. Proponent informed the Committee that the bio-degradable waste generated to be handled in bio-gas plant with in the site area.

Further the Committee informed the Proponent to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 310 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that allwere within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. The expansion work to be commenced only after fulfilling all the non-compliances mentioned in CCR issued by MoEF&CC.
2. To provide recharge tank of capacity 200 cum and 08 recharge pits.
3. To grow trees in the early stage before taking up of construction and to carry out compensatory afforestation by growing 1,000 trees.
4. Proponent agreed to source external water from KGWA approved water tankers.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall utilize the excavated soil/earth within the project site.*

<u>Additional Condition:</u>

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *The project proponent shall proovde adequate electrical charging stations/booth for charging E Vehicles commensurate with its usage.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *To provide recharge tank of capacity 200 cum and 08 recharge pits.*
5. *To grow trees in the early stage before taking up of construction and to carry out compensatory afforestation by growing 1,000 trees.*
6. *As agreed project proponent shall source external water from KGWA approved water sources.*
7. *The PP shall grow 310 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*

8. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*

9. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*

10. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*

11. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.25. Expansion of Residential Apartment Project at Sadaramangala Village and Kumbena Agrahara Village, K.R. Puram Hobali, Bangalore East Taluk, Bangalore by M/s. United Infrastructures - Online Proposal No.SIA/KA/INFRA2/445309/2023 (SEIAA 189 CON 2023)

M/s. United Infrastructures have proposed for construction of Expansion of Residential Apartment Project on a plot area of 23,066.88 Sqm. The total built up area is 77,205.33 Sqmt. The proposed project consists of 455 Nos. Project comprises of Block A, B, C and D; B +G+ 14 UF. Total water consumption is 331 KLD (Fresh water + Recycled water). The total wastewater generated is 300 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of300 KLD. The project cost is Rs. 120 Crores.

Details of the project are as follows:

Sl No.	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	M/s. United Infrastructures, Flat No. G 001, Keerthi Heights, 3rd Main Road, Belathur, Bidarahalli Hobali, Bangalore-560067
2	Name & Location of the Project	Expansion of Residential Apartment Project atSy Nos. 6/3, 6/4 of Sadaramangala Village and 40/5, 41/3 and 41/4 Kumbena Agrahara Village, K.R.Puram Hobali, Bangalore East Taluk, Bangalore.
3	Type of Development	

	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
	b.	Residential Township/ Area Development Projects	NA
4		New/Expansion/Modification/Renewal	Expansion
5		Water Bodies/ Nalas in the vicinity of project site	Tertiary Nala is on the western side of the project site. Secondary nala on Eastern side we left
6		Plot Area (Sqm)	23,066.88 Sqm
7		Built Up area (Sqm)	77,205.33 Sqmt
8		FAR • Permissible • Proposed	 2.25 2.25
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Project comprises of Block A, B, C and D; B +G+ 14 UF
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	Expansion of units from 268 Nos. to 455 Nos.
11		Height Clearance	As per CCZM permissible height is 1010m AMSL and proposed height is 941.95 m AMSL
12		Project Cost (Rs. In Crores)	Rs. 120 Cr.
13		Disposal of Demolition waster and or Excavated earth	No Demolition waste is generated and Excavated earth we used our project site only.
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	6,295.85 Sqmt
	b.	Kharab Land	101.17 Sqmt
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	7,525.74 Sqmt
	d.	Internal Roads	8,983.69 Sqmt
	e.	Paved area	
	f.	Others Specify	Road Widening Area is 160.43 Sqmt
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	23,066.88 Sqmt
15		WATER	

	I.	Construction Phase		
	a.	Source of water	BWSSB STP treated water/Nearby STP treated water	
	b.	Quantity of water for Construction in KLD	50 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	211 KLD
			Recycled	120 KLD
			Total	331 KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	300 KLD	
	d.	STP capacity	300 KLD	
	e.	Technology employed for Treatment	SBR Technology, Area required for STP is 300Sqmt	
	f.	Scheme of disposal of excess treated water if any	NA	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	170&200 cumof collection sump is provided Area required for Rain water tank is 370Sqmt	
	b.	No's of Ground water recharge pits	20 Nos.	
17		Storm water management plan	Provided 170&200 cumof roof water collection sump and 20 nos. of recharge pits all along the project site. And to provide pond for collection of excess surface rain water.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Handed over to BBMP authorities	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	613 kg/day converted in to organic manure and used for garden 26 kg/ hr 613 kg/day of capacity Space required is 75sqmt	
	b.	Quantity of Non- Biodegradable waste	410 kg/day given to PCB authorized	

		generation and mode of Disposal as per norms	recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	60-80 lts given to 'PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	200 kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement -Operational Phase	2024 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	320 KVA X 1 No. and 500 KVA X 2 Nos.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 19.0%
20		PARKING	
	a.	Parking Requirement as per norms	549 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report towards on SH-35 / NH-207 • towards Whitefield is D • towardsHoskote is E
	c.	Internal Road width (RoW)	8.0
21		CER Activities	To provide infrastructure development of nearby Govt. school / Hospital
22		EMP • Construction phase • Operation Phase	 58 Lakhs 225 Lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for modification and expansion of existing EC issued by SEIAA on 07.05.2022 for BUA of 43,806.10 Sqm in plot area of 13,051 Sqm and now it has been proposed for a BUA of 77,205.33 Sqm and in plot area of 23,066.88 Sqm. The Proponent has submitted architect certificate dated 27.09.2023 informing that BUA of 30,000 Sqm has been constructed with reference to the earlier EC and has submitted Certified Compliance Report from MoEF&CC dated 20.09.2023 informing that construction of one tower is completed. Proponent informed the Committee that they were complying with EC conditions and had no observations in the CCR issued by MoEF&CC and for ongoing

construction they have CFE from KSPCB dated 11.08.2022 and approved plan from BBMP dated 02.09.2022.

The Committee during appraisal sought details regarding drain as per village map and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that, for the tertiary drain in west, 15 mtr buffer is provided from center of drain and for secondary drain in east, 25 mtr buffer is provided from the center of drain. For harvesting rain water, the Proponent has proposed 170 cum capacity of sump for runoff from rooftop and another tank of 200 cum capacity for runoff fromlandscape and paved areas in addition to 20 recharge pits within the site area.

The Proponent informed that they have made provisions to grow and maintain 300 trees in the project area and provide charging facilities to electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits and informed that all were within the limits.

The Committee noted that the baseline parameters are found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide RWH tanks of 170 cum & 200 cum and 20 recharge pits.
2. To undertake additional plantation in the early stage of construction.
3. Proponent agreed to carry out nearby Lake rejuvenation.
4. Proponent agreed to source external water from KGWA approved water tankers.
5. To comply with the observations in CCR issued by MoEF&CC.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

<u>Additional Condition:</u>

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *As agreed project proponent shall carry out nearby Lake rejuvenation.*
5. *To undertake additional plantation in the early stage of construction.*
6. *As agreed project proponent shall source external water from KGWA approved water sources.*
7. *To comply with the observations in CCR issued by MoEF&CC.*
8. *The PP shall grow 300 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
9. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the*

conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.

10. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
11. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
12. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.26. Residential Apartment Project at Varthur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District by Sri. D. Harshendra Kumar - Online Proposal No.SIA/KA/INFRA2/445930/2023 (SEIAA 194 CON 2023)

Sri. D. Harshendra KumarS/o Late D. Rathnavarma Heggad have proposed for construction of Construction of Residential ApartmentProject on a plot area of34,904.15 Sqm -. The total built up area is 1,49,847 Sqm. The proposed project consists of 690 No's Wing 01-2BF+GF+24UF+TF and Wing 02 - 2BF+GF+23UF+TF. Total water consumption is 549 KLD (Fresh water + Recycled water). The total wastewater generated is 467 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 165KLD & 350KLD. The project cost is Rs. 482.80 Crores.

Details of the project are as follows:

Sl. No		PARTICULARS	INFORMATIONPROVIDED BY PP
1		Name & Address of the Project Proponent	**Sri. D. Harshendra Kumar** **Authorized Signatory** Sri. D. Harshendra KumarS/o Late D. RathnavarmaHeggade, #55, Vittal Mallya Road, Bangalore - 560001
2		Name & Location of the Project	**"Construction of Residential Apartment"** Sy. Nos.38/4, 39/1, 39/2A, 39/2B, 39/3, 40/2 located at Varthur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/	Residential Apartment Category 8 (a) as per EIA Notification 2006.

		ITES/ Mall/ Hotel/ Hospital /other	
	b.	Residential Township/ Area Development Projects	Not Applicable
	c	Zoning Classification	Proposed project site comes under Residential Main and Sensitive Area as per Bangalore Revised Master Plan 2015 of 3.16 (b) Varthur.
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	There are primary and secondary drains present adjacent to the project site towards south-east and north-west directions
6		Plot Area (Sqm)	34,904.15 Sqm
7		Built Up area (Sqm)	1,49,847 Sqm
8		FAR • Permissible • Proposed	 3.25 3.23
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	▪ Wing 01-2BF+GF+24UF+TF – 83.72m ▪ Wing 02 – 2BF+GF+23UF+TF -80.72m
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	690 No's
11		Height Clearance	Project site elevation – 855.5 m Building Height – 83.72 m Maximum building height: 939.22 m CCZM permissible height- 928 AMSL or below Justification, existing building of M/s Prestige lake side at 1.60km SW is having top elevation of 993m AMSL and proposed project is having top elevation of 939.22m AMSL
12		Project Cost (Rs. In Crores)	482.80 Crores.
13		Disposal of Demolition waster and or Excavated earth	NA
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	5,839 Sqm
	b.	Kharab Land	No
	c.	Total Green belt on Mother Earth	11,576.57 Sqm

		for projects under 8(a) of the schedules of the EIA notification, 2006		
	d.	Internal Roads	Driveway area - 10,087 Sqm	
	e.	Paved area	Service area/ paved area - 675 Sqm	
	f.	Others Specify	Road widening area – 1,011.70 Sqm Park and open space - 3,791.88 Sqm Civic amenities - 1,923 Sqm	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--	
	h.	Total	34,904.15 Sqm	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	STP treated water for construction purpose & Tanker water for domestic	
	b.	Quantity of water for Construction in KLD	10 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in mobile STP.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	366 KLD
			Recycled	183 KLD
			Total	549 KLD
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	467 KLD	
	d.	STP capacity & Area required	165KLD & 350KLD	
	e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology	
	f.	Scheme of disposal of excess treated water if any	Available treated water – 444 KLD (95% of wastewater) For flushing – 183 KLD For Landscape – 70 KLD For Car washing- 35 KLD For Other construction purpose/Avenue plantation– 156 KLD	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store	2X320 cum (2 Days storage)	

		Roof run off	
	b.	No's of Ground water recharge pits	62 nos
17		Storm water management plan	• Land is gently sloping terrain and sloping towards North-West direction. • Separate and independent rainwater drainage system will be provided for collecting rainwater from terrace and paved area, lawn & roads.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Quantity – 10kg/day Solid waste will be generated and collected manually and handed over to local body for further processing
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity –732 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter. Sludge generated from STP of capacity 23 kg/day will be reused as manure for greenery development purposes.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity – 1,098kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil of 2.10 kl/annum will be generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.
19		POWER	
	a.	Total Power Requirement - Operational Phase	BESCOM – 4000 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	750kVA x 4Nos. + 500kVA x 2Nos.
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as Solar energy, Copper wound transformer are proposed in the project -23%.

20		PARKING	
	a.	Parking Requirement as per norms	759 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic study conducted in both directions towardsGunjur road and Varthur road. LOS is "C" – average for Gunjur road and "B" – Very Good for Varthur road.
	c.	Internal Road width (RoW)	11mtr
21		CER Activities	For Stabilization of nala (adjacent to the project side towards SE and N directions) by constructing protective structures
22		EMP • Construction phase • Operation Phase	Construction phase – Rs. 28.45 lakhs (Capital cost - 25.45Lakhs, Maintenance cost - Rs. 3 lakhs) Operational Phase – Rs. 452 Lakhs(Capital cost –Rs. 417Lakhs, Maintenance cost - Rs. 35 lakhs)

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for residential use as per RMP of BDA.

The Committee during appraisal sought details regarding drain and water body as per village map, sensitive zone as per RMP of BDA and rain water harvesting measures in the proposed area. The Proponent informed the Committee that there the water body in west is at a distance more than 30mtrs and for the primary drain in south and east, 50mtr buffer is provided from center of primary drain and for secondary drain in north, 25mtr buffer is provided from center of drain. For sensitive zone, Proponent informed that they had obtained sensitive zone clearance from BDA on 13.10.2023. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of capacity 2x320cum capacity for runoff from rooftop and ponds of 200cum and 215cum capacities for runoff from hardscape and landscape areas along with 62number of recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 680trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that allwere within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the

proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide rain water storage tank of capacity 2x320 cum and pond of 200cum and 215 cum capacity and 62 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *To grow trees in the early stage before taking up of construction.*
5. *As agreed project proponent shallsource external water from KGWA approved water sources.*
6. *The PP shall grow 680 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
7. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
8. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
9. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
10. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

245.1.27. Mixed use (Residential & Commercial) Development Project at Chikkanagamanagala Village, Sarjapura Hobli, Anekal Taluk, Bangalore District by M/s. Ajmera Housing Corporation – Online Proposal No.SIA/KA/INFRA2/447506/2023 (SEIAA 206 CON 2023)

M/s. Ajmera Housing Corporation have proposed for construction of Mixed use Residential & Commercial developmentProject on a plot area of 18,333.73Sqm The total built up area is 44,725.05Sqm. The proposed project consists of Residential Apartment building having Phase 1 with Block ABCDBuilding Configuration of G+6UF& club house G+2Uf, Phase 2 with Block ABCDEF configuration of G+6UF, Club house G+2F and Phase 3 Commercial Building having building configuration of G+2UF and 240flats.Total water consumption is 225 KLD (Fresh water + Recycled water). The total

wastewater generated is 180 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 75KLD, 110 KLD and 12 KLD. The project cost is Rs. 64.27 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATIONPROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. Ajmera Housing Corporation - Bangalore "Ajmera Summit" # 3/D, 4th Floor, 7th C Main, 3rd Cross, 3rd Block, Koramangala, Bangalore-560034
2	Name & Location of the Project	Mixed use (Residential & Commercial) development Project Located at New Sy No 30/25 of Chikkanagamanagala Village, Sarjapura Hobli, Anekal Taluk, Bangalore District
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Mixed use Residential & Commercialdevelopment Category 8(a) as per EIA Notification 2006.
b.	Residential Township/ Area Development Projects	NA
c	Zoning Classification	Industrial to Residential converted
4	New/ Expansion/ Modification/Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Chikkanagamangala Lake- 0.8km (NE) Huskur Lake-1.3 km (NE) Rayasandra kere-2.4Km((NW) Narayanaghatta kere3.30Km(E) Veersandra Lake-1.30Km(SW) Tertiary Nala(as per village map)- Left 15meter (E) buffer from the center of the nala
6	Net Plot Area (Sqm)	18,333.73Sqm
7	Built Up area (Sqm)	44,725.05Sqm
8	FAR • Permissible • Proposed	 1.75 1.74

9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Apartment building having Phase 1 with Block ABCDBuilding Configuration of G+6UF& club house G+2Uf, Phase 2 with Block ABCDEF configuration of G+6UF, Club house G+2F and Phase 3 Commercial Building having building configuration of G+2UF
10		Number of units/plots in case of Construction/Residential Township/ Area Development Projects	240flats
11		Height Clearance	As per CCZM permissible top elevation is 1010m AMSL and proposed top elevation is 941m AMSL
12		Project Cost (Rs. In Crores)	Rs.64.27Crore
13		Disposal of Demolition waster and or Excavated earth	C& D Waste 1118 Cum The debris generated will be used within the site for internal roads & pavements formation and Landscape formation Excavated earth of 5626cum The earth excavated generated from the project site will be utilized within the project premises for back filling, gardening road and walk way and construction of compound wall.
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	5,625.86Sqm
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6,657.74Sqm
	d.	Internal Roads	6,050.13Sqm
	e.	Paved area	
	f.	Others Specify	NA
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	18333.73Sqm18,333.73 Sqm
15		WATER	
	I.	Construction Phase	
	a.	Source of water	Sourced through tankers via external agencies& treated STP water.
	b.	Quantity of water for Construction	13.80KLD

		in KLD		
	c.	Quantity of water for Domestic Purpose in KLD	2.7 KLD	
	d.	Waste water generation in KLD	2.16 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	The total domestic wastewater generated during construction phase will be treated in mobile STP and treated water will be further utilized to develop the landscape.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	148KLD
			Recycled	77KLD
			Total	225KLD
	b.	Source of water	Gram panchayat	
	c.	Waste water generation in KLD	180KLD	
	d.	STP capacity& Area required	Phase 1: 75KLD, Phase 2:110KLD, Phase 3:12KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	77KLD will be recycled/ reused for toilet flushing, 54KLD for landscaping, 17KLD for Floor & common area washing, 18KLD for internal & Pavement area maintenance and 5KLD for car washing within the project site.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	Phase 1: 140cum, Phase 2: 200cum, Phase 3: 25cumroof top water collection sump	
	b.	No's of Ground water recharge pits	Total number of deep recharge pits proposed: Phase 1: 10 Nos, Phase 2:10 Nos, Phase 3: 4Recharge pits are proposed to harvest paved area runoff 10 Nos. of recharge pits are proposed to harvest runoff from landscape 1.2 m Dia&1.8 m Depth.	
17		Storm water management plan	Entire rain water to be used within the site area.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Total solid waste generation will be 6 kg/day; which will be disposed by contractor	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal	499.30 kg /day; Composting by using organic waste Converter	

		as per norms	(OWC) converted as manure & used for landscaping.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	326.30kg/day; which will be handed over to theauthorized vendor.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	380LPA Used oil from DG shall be sent authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	85Kg/Annum shall be sent authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	Transformer Cap 1500KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	250KVA X 2nos, 200KVA and 380KVA X 1No
	c.	Details of Fuel used for DG Set	240 liters/hr of diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total energy savings will be15.60 %.
20		PARKING	
	a.	Parking Requirement as per norms	315 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Shanthipura Main Road towards Huskur road: LOS C
	c.	Internal Road width (RoW)	Internal driveway within the project site: 6 m wide and Approach road width:12m wide road C
21		CER Activities	Carrying avenue plantation across the service road within the period 18 months, Providing RO facility for safe Drinking water to the Government School Students Huskur which is located 2.7Km(NE) from the project site within 12 months, Providing Sanitation facility to the Government Primary School Huskur located 2.7Km (NE) from the project site, within 18 months
22		EMP • Construction phase • Operation Phase	Construction phase Galvanized iron barricade sheet all-round the site-10.26 lakhs, Purchase of tanker water for Construction-4.80 lakhs, Plantations of

		saplings around the periphery and maintenance-0.82lakhs, Environmental Monitoring – Air, Water, Noise-4.5 lakhs, EMP Cell-7.20 lakhs Waste water treatment during construction phase-12 lakhs, Waste Management -3.15 lakhs total 42.76 Lakhs Operation Capital investment Sewage Treatment Plant – 90 Lakhs, Rainwater harvesting facilities-13.75 Lakhs, Landscape development-7.50 Lakhs Acoustic & Stacks for DG sets-6.50 Lakhs, Organic Waste Converter – 24Lakhs Total 141.75Lakhs Recurring cost STP Maintenance-6 lakhs, Landscape Maintenance- 2.30 lakhs Organic waste Maintenance-1 lakhs, EMP Cell-3 lakhs, Environmental Monitoring-Air, Water, Noise 5 lakhs/ annum total 17.55Lakhs

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for industrial use as per RMP of BDA, for which Proponent informed that residential use is permitted in industrial areas and they have obtained conversion of land to residential use from DC.

The Committee during appraisal sought details regarding cart track road and drain as per village map, details of road passing through the site as per RMP of BDAand rain water harvesting measures in the proposed area. The Proponent informed the Committee that there the cart track road in east-west direction is maintained as it is with free public access and for tertiary drain in north east, 15mtrs buffer is provided from center of drain. For road as per RMP of BDA, Proponent informed that the road are is maintained as it is and development is planned leaving area the road area with three different entry / exit. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of capacity 140cum, 200cum and 25cum for runoff from rooftop, hardscape and landscape areas along with 10number of recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 260trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide recharge tank of capacity 140cum, 200cum and 25cum and 10 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site
5. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*

3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

Additional Condition:

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles for Residential Apartment.*
3. *The project proponent shall provide adequate electrical charging stations/booth for charging E Vehicles commensurate with its usage for commercial building.*
4. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
5. *As agreed project proponent shall source external water from KGWA approved water tankers.*
6. *To grow trees in the early stage before taking up of construction.*
7. *As agreed project proponent shall carry out community recharge of bore wells in the vicinity of the site*
8. *The PP shall grow 260 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Ficus racemosa (Hatti mara), Sandalwood and Rosewood].*
9. *As agreed project proponent shallconstruct lead of drains till the natural drains/water body for handling excess water.*
10. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
11. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
12. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and*

construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.

13. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*

14. *The Right of Way as provided in the Village Map shall be left as free access with a display board indicating the Right of Way. The display board shall be provided both at entry and exit of Right of Way.*

Mining Projects:

245.1.28. Ordinary Sand Quarry Project at Sulla Village, KulageriHobli, Badami Taluk, Bagalkot District (14-15 Acres) by Shri RudragoudaBhixawatimath– Online Proposal No.SIA/KA/MIN/442793/2023 (SEIAA 551 MIN 2022)

Shri RudragoudaBhixawatimath have applied for Environmental clearance from SEIAA for Ordinary Sand Quarry Project at Sy.Nos.138/1, 138/2, 138/3+4A, 138/3+4B, 138/3+4C, 138/3+4D, 138/5, 138/6, 138/7, 138/8, 138/11, 138/12, 138/13, 138/14, 139/2, 139/3, 146+147 of Sulla Village, KulageriHobli, Badami Taluk, Bagalkot District

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Shri RudragoudaBhixawatimath
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy.Nos.138/1, 138/2, 138/3+4A, 138/3+4B, 138/3+4C, 138/3+4D, 138/5, 138/6, 138/7, 138/8, 138/11, 138/12, 138/13, 138/14, 139/2, 139/3, 146+147 of Sulla Village, KulageriHobli, Badami Taluk, Bagalkot District (14-15 Acres)

		L01 N 15° 50' 19.2" E 75° 34' 23.4" L02 N 15° 50' 19.9" E 75° 34' 27.4" L03 N 15° 50' 17.3" E 75° 34' 27.6" L04 N 15° 50' 16.4" E 75° 34' 27.2" L05 N 15° 50' 16.0" E 75° 34' 27.6" L06 N 15° 50' 09.5" E 75° 34' 25.6" L07 N 15° 50' 09.6" E 75° 34' 24.5" L08 N 15° 50' 16.8" E 75° 34' 26.3" L09 N 15° 50' 16.4" E 75° 34' 25.1" L10 N 15° 50' 05.1" E 75° 34' 22.5" L11 N 15° 50' 05.2" E 75° 34' 19.8" L12 N 15° 50' 04.6" E 75° 34' 19.4" L13 N 15° 50' 04.7" E 75° 34' 18.3" L14 N 15° 50' 06.0" E 75° 34' 17.1" L15 N 15° 50' 09.0" E 75° 34' 17.6" L16 N 15° 50' 10.0" E 75° 34' 17.6" L17 N 15° 50' 10.9" E 75° 34' 17.9" L18 N 15° 50' 13.2" E 75° 34' 21.0" L19 N 15° 50' 12.9" E 75° 34' 22.8" L20 N 15° 50' 14.1" E 75° 34' 24.0" L21 N 15° 50' 15.8" E 75° 34' 24.0"
3	Type Of Mineral	Ordinary Sand Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	14-15 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	85,793.6Tonns/annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.76 Crores (Rs. 176 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	2,57,380.8Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	85,793.6Tonns/annum (including waste)
11	CER Activities:	

	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to the GHPS of Sulla village.
	2nd	Rain water harvesting pits to the GHPS of Sulla village
	3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
12	EMP Budget	Rs. 58.67 Lakhs (Capital Cost) & Rs. 11.46 lakhs (Recurring cost)
13	Forest NOC	11.05.2022
14	Cluster certificate	07.10.2022
15	Revenue NOC	27.04.2022
16	DTF	08.07.2022
17	App. Quarry Plan	11.10.2022
18	PH	14.07.2023
19	JIR	01.06.2022

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that in the Panchanama drawn by Geologist (DMG) on 03.03.2022, the soil & sand was removed by locals in an area of about 140mtrs by 70mtrs and for depth of about 1mtr, around 12-15years back for domestic purpose. Accordingly, Proponent informed the Committee that no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification

The proposal is for ordinary sand quarry for which SEIAA had issued ToR on 13.03.2023 and public hearing was conducted on 14.07.2023, where opinions/requests of four people had been recorded in public hearing report.

There is an existing cart track road to a length of 640 meters connecting lease area to the all-weather black topped road. TheCommittee informed that the mining operation should be commenced after concreting the approach road to the quarry as per IRC norms and to grow trees all along the approach road during the first year of operation and to comply with the request of public expressed during public hearing, to which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 2,57,380.8Tons (including waste) and estimated the life of the quarry to be 3 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 85,793.6Tonns/annum (including waste), with following consideration,

1. Proponent agreed to concrete the approach road to the quarry as per IRC norms
2. To implement mine closure plan effectively after mining operation by preserving top soil and reusing it for plantation after completion of mining operation.
3. To grow trees all along the approach road& buffer zone during the first year of operation and to carry out halla strengthening works.
4. Proponent agreed to comply with the request of public, expressed during public hearing.
5. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*
4. *The proponent shall furnish a certificate from Competant Authority that there is no sand quarry within 5 KM of project site.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*

3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall utilize the permission as per the Sand policy of the GoK Notification No. CI 343 MMN 2019 (Part 7) dated 01.12.2021.*
6. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
7. *The PP shall implement mine closure plan effectively after mining operation*
8. *The PP shall grow trees on the buffers &banks of halla and all along the approach road during the first year of operation.*
9. *The PP Shall implement mine closure plan effectively after mining operation*
10. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*
11. *The PP shall comply with the opinion of public, expressed during public hearing.*

245.1.29. Expansion of Grey Granite Quarry Project at Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District (1-00 Acre) (QL.No.982) by Sri Srinivasa Raghavan Trustee, Kallahalli– Online Proposal No.SIA/KA/MIN/430723/2023 (SEIAA 391 MIN 2023)

Sri Srinivasa Raghavan Trustee,Kallahallihave applied for Environmental clearance from SEIAA for Expansion of Grey Granite Quarry Project at Sy. No.17(P) of Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District

Details of the project are as follows:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Srinivasa Raghavan Trustee,Kallahalli
2	Name & Location of the Project	Expansion of Grey Granite Quarry Project at Sy. No.17(P) of Chikkagollahalli Village, Devanahalli Taluk, Bangalore Rural District (1-00 Acre) (QL.No.982)

		Latitude: N 13° 18' 23.5645" / N 13° 18' 20.2659" / N 13° 18' 19.8196" / N 13° 18' 22.0991" Longitude: E 77° 39' 14.5560" / E 77° 39' 17.4775" / E 77° 39' 17.0148" / E 77° 39' 13.9003"
3	Type Of Mineral	Grey Granite Quarry Project
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	11,765 Cum/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs.0.30 Crores (Rs.340 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	57,690Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	10,000 Cum/ Annum (recovery)
11	CER Activities: To grow additional 100 No. of plantation on either side of the approachroad from quarry location to Chikkagollahalli Village Road	
12	EMP Budget	Rs. 9.35 Lakhs (Capital Cost) & Rs. 3.09 Lakhs (Recurring cost)
13	Quarry plan	17.05.2023
14	Cluster certificate	18.05.2023
15	Notification	13.03.2023
16	CCR from MS,KSPCB	10.08.2023
17	Audit Report	04.08.2023

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for expansion of building stone quarry, for which the lease was in effect from 01.09.2020 with QL No. 982 and for which EC was issued earlier by SEIAA on 25.08.2020. The Proponent submitted audit report till 2022-23 certified by DMG dated 04.08.2023 and CCR from KSPCB dated 10.08.2023.

There is an existing cart track road to a length of 120 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed

expansion in quantity should be commenced after strengthening the approach road to the quarry as per IRC standard norms and to grow trees all along the approach road, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 57,690 cum(including waste) and estimated the life of mine to be 3 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of11,765Cum / Annum (including waste), with following consideration,

1. Proponent agreed to strengthen the approach road to the quarry as per norms before commencing expansion in quantity
2. To grow trees all along the approach road and towards habitation during the first year of operation.
3. To comply with the observation of KSPCB in CCR.
4. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*
4. *Since there is substantial quantity of generation of waste from the quarry activity, all due precautions with respect to environment management aspects of waste dump shall be observed.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shall grow trees all along the approach road and towards habitation during the first year of operation.*
7. *The PP Shall comply with the observation of KSPCB in CCR.*
8. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*

245.1.30. Expansion of Building Stone Quarry Project at Uragahalli Village, Ramanagara Taluk, Ramanagara District (0-35 Acres) (QL.No.0004) by Sri Chennigarayappa- Online Proposal No.SIA/KA/MIN/437626/2023 (SEIAA 332 MIN 2023)

Sri. Chennigarayappa have applied for Environmental clearance from SEIAA for Expansion of Building Stone Quarry Project at In Sy.No. 252 of Uragahalli Village, Ramanagara Taluk, Ramanagara District (0-35 Acres) (QL.No.0004)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	SriChennigarayappa
2	Name & Location of the Project	Expansion of Building Stone Quarry Project at In Sy.No. 252 of Uragahalli Village, Ramanagara Taluk, Ramanagara District (0-35 Acres) (QL.No.0004)

Latitude	Longitude
N 12°45'05.1"	E77°21'56.1"
N 12°45'02.0"	E77°21'55.7"
N 12°45'02.1"	E77°21'55.0"
N 12°45'04.5"	E77°21'54.0"

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	0-35 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	40,816 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.07 Crores (Rs.107 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	8,52,909 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	40,000 Tones / Annum (excluding waste)
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	Solar Power Panels in Government higher primary school at Uragahalli village
2nd	
3rd	Rain water harvesting pits to GHPS at Uragahalli village
4th	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
5th	Health camp in GHPS at Uragahalli village.

12	EMP Budget	Rs. 23.50 lakhs (Capital Cost) & Rs. 6.17 lakhs (Recurring cost)
13	Forest NOC	12.01.2016
14	Quarry plan	28.06.2023
15	Cluster certificate	14.07.2023
16	CCR	20.09.2023
17	Audit Report	14.07.2023

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal was considered on 17.10.2023 for appraisal.

The proposal is for expansion for which EC was issued earlier by DEIAA on 06.02.2018 and lease was granted on 03.08.2018 with QL No. 1389. The Proponent submitted CCR from KSPCB dated 20.09.2023 and audit report till 2022-23 certified from DMG.

There is an existing cart track road to a length of 224 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed expansion in quantity should be commenced after strengthening the approach road to the quarry & the road connecting the crusher as per IRC standard norms and to grow trees all along the approach road, for which the Proponent agreed. Proponent submitted an undertaking for complying with the conditions stipulated by MoEF&CC OM dated: 28.04.2023.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 8,52,909tonns(including waste) and estimated the life of mine to be coterminous with lease period.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of40,816tonns / Annum (including waste), with following consideration,

1. Proponent agreed to strengthen the approach road to the quarry and road connecting the crusher as per norms before commencing expansion in quantity
2. To grow trees all along the approach road and towards habitation during the first year of operation.
3. To comply with the observation of KSPCB in CCR.
4. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall strengthen the approach road to the quarry and the road leading to the crusher as per standard norms.*
6. *To grow trees all along the approach road and towards habitation during the first year of operation.*
7. *To comply with the observation of KSPCB in CCR.*
8. *Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.*

245.1.31. Building Stone Quarry Project at Ucchangidurga Village, Harappanahalli Taluk &Vijayanagara District (3-90 Acres) by Sri. E. Channabasappa– Online Proposal No.SIA/KA/MIN/440276/2023 (SEIAA 297 MIN 2022)

Sri. E. Channabasappa have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy.No.516/10 in Ucchangidurga Village, Harappanahalli Taluk &Vijayanagara District (3-90 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri. E. Channabasappa
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.516/10 in Ucchangidurga Village, Harappanahalli Taluk &Vijayanagara District (3-90 Acres)

		Latitude: N 14° 32' 33.7" to N 14° 32' 39.3" / Longitude: E 76° 00' 59.4" to E 76° 01' 03.1" Latitude: N 14° 32' 20.7" to N 14° 32' 23.9" / Longitude: E 76° 00' 55.4" to E 76° 00' 58.4" Latitude: N 14° 32' 05.8" to N 14° 32' 08.3" / Longitude: E 76° 00' 55.6" to E 76° 00' 58.7" Latitude: N 14° 32' 19.4" to N 14° 32' 23.0" / Longitude: E 76° 00' 43.0" to E 76° 00' 51.4"
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	3-90 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,02,041 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.50 Crores (Rs. 150 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	8,29,695Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,00,000 Tones / Annum (excluding waste)
11	CER Activities: To grow additional 500 No. of trees either side of the approach road from quarry location to weather topped road.	
12	EMP Budget	Rs.15 lakhs (Capital Cost) & Rs. 3 lakhs (Recurring cost)
13	Forest NOC	30.11.2020
14	Quarry plan	29.01.2021
15	Cluster certificate	03.02.2021
16	Revenue NOC	27.11.2020
17	Notification	01.02.2021
18	PH	20.07.2023

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that initially they had planned to install stone crusher and a ramp was constructed, using soil and due to space constraints, installation of stone crusher was dropped and no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

The proposal is for building stone quarry for which SEIAA had issued ToR on 01.08.2022 and public hearing was conducted on 20.07.2023, where opinions/requests of eightpeople have been recorded in public hearing report.

There is an existing cart track road to a length of 500 meters connecting lease area to the all-weather black topped road. TheCommittee informed that the mining operation should be commenced after asphalting the approach road to the quarry and road connecting the crusher as per IRC norms and to grow trees all along the approach road during the first year of operation and to comply with the request of public expressed during public hearing, to which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 8,29,695tonns (including waste) and estimated the life of the quarry to be 9 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production 1,02,041Tones/ Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry and road connecting the crusher as per IRC norms
2. To grow trees all along the approach road during the first year of operation.
3. Proponent agreed to comply with the request of public, expressed during public hearing.
4. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shall grow trees all along the approach road during the first year of operation.*
7. *The PP Shallcomply with the opinion of public, expressed during public hearing.*
8. *The PP Shallto carry out regular health checkup for the workers in the near by Hospital.*

245.1.32. Expansion of Building Stone Quarry Project at Attiguppe Village, Hunsur Taluk, Mysore District (1-00 Acre) by Sri H. K. LakshmanGowda- Online Proposal No.SIA/KA/MIN/428146/2023 (SEIAA 219 MIN 2023)

Sri H. K. LakshmanGowda have applied for Environmental clearance from SEIAA for Expansion of Building Stone Quarry Project at Sy.No.22 (P) of Attiguppe Village, Hunsur Taluk, Mysore District (1-00 Acre)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri H. K. LakshmanGowda
2	Name & Location of the Project	Expansion of Building Stone Quarry Project at Sy.No.22 (P) of Attiguppe Village, Hunsur Taluk, Mysore District (1-00 Acre)

Latitude	Longitude
N12° 20' 40.3"	E 76° 12' 45.1"
N12° 20' 38.1"	E 76° 12' 46.3"
N12° 20' 37.4"	E 76° 12' 45.3"
N12° 20' 369.3"	E 76°12' 43.6"

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government Land
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	31,560 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.25 Crores (Rs.25 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,93,305Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	30,929 Tones / Annum (excluding waste)
11	CER Activities: To grow additional 250 No. of plantation on either side of the approach road from quarry location to Attiguppe Village Road	
12	EMP Budget	Rs. -9.50 Lakhs (Capital Cost) & Rs. 4.15Lakhs (Recurring cost)
13	Forest NOC	23.08.2017
14	Quarry plan	21.01.2023
15	Cluster certificate	03.03.2023
16	JIR	09.08.2012
17	Notification	05.12.2012
18	CCR from MS,KSPCB	15.09.2023
19	Audit Report	22.09.2023

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for expansion of building stone quarry, for which the lease was in effect from 06.10.2006 with QL No. 548 and for which EC was issued earlier by SEIAA on 26.03.2015. The Proponent submitted audit report till 2022-23 certified by DMG dated 22.09.2023 and CCR from KSPCB dated 15.09.2023.

There is an existing cart track road to a length of 170 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed expansion in quantity should be commenced after strengthening the approach road to the quarry and road leading to crusher as per IRC standard norms and to grow trees all along the approach road, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures

will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 1,93,305 tonns(including waste) and estimated the life of mine to be 7 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of31,560 Tones / Annum (including waste), with following consideration,

1. Proponent agreed to strengthen the approach road to the quarry as per norms before commencing expansion in quantity.
2. To grow trees all along the approach road and towards habitation during the first year of operation.
3. Proponent agreed to construct garland drain around the project site.
4. To comply with the observation of KSPCB in CCR.
5. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*

4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shallgrow trees all along the approach road and towards habitation during the first year of operation.*
7. *The PP Shall construct garland drain around the project site.*
8. *The PP Shallcomply with the observation of KSPCB in CCR.*
9. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*

245.1.33. Building Stone Quarry Project at Chetnahalli Village, Harappanahalli Taluk, Vijayanagara District (5-00 Acres) by Sri Durgada Basavaraj – Online Proposal No.SIA/KA/MIN/440286/2023 (SEIAA 306 MIN 2022)

Sri Durgada Basavaraj have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy.No.9/1 in Chetnahalli Village, Harappanahalli Taluk, Vijayanagara District (5-00 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Durgada Basavaraj
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.9/1 in Chetnahalli Village, Harappanahalli Taluk, Vijayanagara District (5-00 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification/Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	5-00 Acres
7	Annual Production (Metric Ton /	1,53,061 Tones/ Annum (including waste)

Latitude	Longitude
N 14° 32' 22.8"	N 76° 00' 43.0"
N 14° 32' 22.7"	N 76° 00' 47.7"
N 14° 32' 23.0"	N 76° 00' 49..5"
N 14° 32' 22.8"	N 76° 00' 50.6"
N 14° 32' 20.2"	N 76° 00' 51.4"
N 14° 32' 19.4"	N 76° 00' 44.6"

	Cum) Per Annum	
8	Project Cost (Rs. In Crores)	Rs. 0.40 Crores (Rs. 40 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	18,60,781Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,50,000 Tones / Annum (excluding waste)
11	CER Activities: To grow additional 1,000 No. of plantation on either side of the approach road from quarry location to ChetnahalliVillage Road	
12	EMP Budget	Rs.25 lakhs (Capital Cost) & Rs. 5 lakhs (Recurring cost)
13	Forest NOC	25.09.2020
14	Quarry plan	05.11.2020
15	Cluster certificate	06.11.2020
16	Revenue NOC	29.09.2020
17	Notification	09.10.2020

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for building stone quarryand as the area considered for cluster is more than 5Ha, the proposal is categorized as B1,for which SEIAA had issued ToR on 01.08.2022 and public hearing was conducted on 20.07.2023, where opinions/requests of eightpeople had been recorded in public hearing report.

During the appraisal the Committee sought detailsregarding drain as per village map.The Proponent informed the Committee that the drain is at a distance of 80mtrs out side the lease area.There is an existing cart track road to a length of 400 meters connecting lease area to the all-weather black topped road. TheCommittee informed that the mining operation should be commenced after concreting the approach road to the quarry as per IRC norms and to grow trees all along the approach road during the first year of operation and to comply with the request of public expressed during public hearing, to which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 18,60,781Tons (including waste) and estimated the life of the quarry to be 13 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,53,061Tonns/annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per IRC norms
2. To grow trees all along the approach roadduring the first year of operation
3. Proponent agreed to construct garland drain to prevent waste entering the natural drain.
4. Proponent agreed to comply with the request of public, expressed during public hearing.
5. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shall grow trees all along the approach roadduring the first year of operation*

7. *The PP Shallconstruct garland drain to prevent waste entering the natural drain.*
8. *The PP Shallcomply with the opinion of public, expressed during public hearing.*
9. *The PP Shall carry out regular health checkup for the workers in the near by Hospital.*

245.1.34. Building Stone Quarry Project at Sattigeri Village, Savadatti Taluk, Belagavi District (5-29 Acres) by Sri ShasangoudaSiddangouda Patil – Online Proposal No.SIA/KA/MIN/440785/2023 (SEIAA 395 MIN 2023)

Sri ShasangoudaSiddangouda Patil have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy.No.644(Part) of Sattigeri Village, Savadatti Taluk, Belagavi District (5-29 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri ShasangoudaSiddangouda Patil
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.644(Part) of Sattigeri Village, Savadatti Taluk, Belagavi District (5-29 Acres)
		Latitude / Longitude
		N 16°02'22.4" / E 75°01'24.0"
		N 16°02'26.0" / E 75°01'22.6"
		N 16°02'27.1" / E 75°01'29.3"
		N 16°02'22.5" / E 75°01'29.4"
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	5-29 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	84,160 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.45 Crores (Rs.45 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	13,46,560Tones (including waste)

10	Permitted Quantity Per Annum - Cu.m /Ton	82,477 Tones / Annum (excluding waste)
11	CER Activities: To grow additional 600 No. of plantation on either side of the approach road from quarry location to Sattigeri Village Road	
12	EMP Budget	Rs. 20.90 lakhs (Capital Cost) & Rs. 7.10 lakhs (Recurring cost)
13	Forest NOC	03.10.2018
14	Quarry plan	27.01.2023
15	Cluster certificate	09.01.2023
16	Revenue NOC	27.07.2018
17	Notification	30.04.2021

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposed area is a fresh land and trial pits were dug to verify the availability of mineral and no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there is one lease in a radius of 500mtrs from the applied lease and the total area of the leases including the applied lease is 8-29 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 410meters connecting the lease area to the all-weather black topped road. The Committee informed that the mining operation should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC norms and to strictly implement mine closure plan effectively after mining operation and to grow trees all along the approach road during the first year of operation, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 1,18,075 Tons (including waste) and estimated the life of the quarry to be 5 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 23,615 tons/year (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry and road leading to crusher as per IRC norms
2. To grow trees all along the approach roadduring the first year of operation
3. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shall grow trees all along the approach roadduring the first year of operation*
7. *The PP Shall carry out regular health checkup for the workers in the near by Hospital*

245.1.35. Expansion of Building Stone Quarry Project at Nerugalale Village, Somwarpet Taluk, Kodagu District (1-30 Acres) (QL No. 25) by Shri J. M. Suresh – Online Proposal No.SIA/KA/MIN/405698/2022 (SEIAA 499 MIN 2022)

Shri J. M. Suresh have applied for Environmental clearance from SEIAA for Expansion of Building Stone Quarry Project at Sy.No.48/1 of Nerugalale Village, Somwarpet Taluk, Kodagu District (1-30 Acres) (QL No. 25)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Shri J. M. Suresh
2	Name & Location of the Project	Expansion of Building Stone Quarry Project at Sy.No.48/1 of Nerugalale Village, Somwarpet Taluk, Kodagu District (1-30 Acres) (QL No. 25)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government Land
6	Area in Acres	1-30 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	42,105 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs.1.03 Crores (Rs. 103 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,92,859Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	40,000 Tones / Annum (excluding waste)
11	CER Activities:	

Latitude	Longitude
N 12° 34' 06.6"	E 75° 54' 21.0"
N 12° 34' 04.5"	E 75° 54' 22.3"
N 12° 34' 03.4"	E 75° 54' 20.1"
N 12° 34' 05.9"	E 75° 54' 19.3"

	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels at Nerugalale Village.
	2nd	Rain water harvesting pits to Nerugalale Village.
	3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
	4th	Conducting E-waste drive campaigns in GHPS at Nerugalale Village.
	5th	Health camp in GHPS at Nerugalale Village.
12	EMP Budget	Rs. 28.74 lakhs (Capital Cost) & Rs. 6.50 lakhs (Recurring cost)
13	Forest NOC	18.03.2016
14	Quarry plan	21.05.2022
15	Cluster certificate	21.05.2022
16	Revenue NOC	05.11.2016
17	Notification	23.07.2016
18	Audit Report	26.07.2023
19	CCR	15.07.2023

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for expansion for which EC was issued earlier by DEIAA on 31.03.2017 and lease was granted on 08.02.2017 with QL No. 25. The Proponent submitted CCR from KSPCB dated 15.07.2023 and audit report till 2022-23 certified from DMG.

There is an existing cart track road to a length of 470 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed expansion in quantity should be commenced after strengthening the approach road to the quarry & the road connecting the crusher as per IRC standard norms and to grow trees all along the approach road, for which the Proponent agreed. Proponent submitted an undertaking for complying with the conditions stipulated by MoEF&CC OM dated: 28.04.2023.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 2,92,859 tonns(including waste) and estimated the life of mine to be 7 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of42,105 Tones / Annum (including waste), with following consideration,

1. Proponent agreed to strengthen the approach road to the quarry and road connecting the crusher as per norms before commencing expansion in quantity
2. To grow trees all along the approach road and towards habitation during the first year of operation.
3. To comply with the observation of KSPCB in CCR before commencing expansion in quantity
4. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shallgrow trees all along the approach road and towards habitation during the first year of operation.*

7. *The PP Shall comply with the observation of KSPCB in CCR before commencing expansion in quantity.*
8. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*

245.1.36. Building Stone Quarry project at Thondavadi Village, Gundlupete Taluk, Chamarajanagara District (2-06 Acres) by Sri Narayana C S – Online Proposal No.SIA/KA/MIN/440990/2023 (SEIAA 397 MIN 2023)

Sri Narayana C S have applied for Environmental clearance from SEIAA for Building Stone Quarry project at Sy.Nos.219/2 & 218/6 of Thondavadi Village, Gundlupete Taluk, Chamarajanagara District (2-06 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Narayana C S
2	Name & Location of the Project	Building Stone Quarry project at Sy.Nos.219/2 & 218/6 of Thondavadi Village, Gundlupete Taluk, Chamarajanagara District (2-06 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	2-06 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	42,105 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.27 Crores (Rs. 127 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	6,22,897Tones (including waste)
10	Permitted Quantity Per	40,000 Tones / Annum (excluding waste)

Latitude	Longitude
N 11° 57' 50.6"	E 76° 40' 48.5"
N 11° 57' 51.4"	E 76° 40' 48.5"
N 11° 57' 51.5"	E 76° 40' 51.5"
N 11° 57' 52.7"	E 76° 40' 51.5"
N 11° 57' 52.7"	E 76° 40' 53.3"
N 11° 57' 49.3"	E 76° 40' 53.6"
N 11° 57' 49.3"	E 76° 40' 51.5"
N 11° 57' 50.6"	E 76° 40' 51.5"

	Annum - Cu.m / Ton	
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st 2nd	The proponent proposes to distribute nursery plants at Thondavadi Village & Strengthening of approach road.
3rd	Rain water harvesting pits to the GHPS school at Thondavadi Village.
4th	Scientific support and awareness to local farmers to increase yield of crop and fodder.
5th	Health camp in the GHPS school at Thondavadi Village.

12	EMP Budget	Rs. 25.34 lakhs (Capital Cost) & Rs. 6.95 lakhs (Recurring cost)
13	Forest NOC	27.04.2023
14	Quarry plan	17.08.2023
15	Cluster certificate	17.08.2023
16	Revenue NOC	23.05.2023
17	Notification	11.08.2023
18	DTF	26.07.2023

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposed area is a fresh land and no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there is one lease in a radius of 500mtrs from the applied lease and the total area of the leases including the applied lease is 5-29.08 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 190meters connecting the lease area to the all-weather black topped road. The Committee informed that the mining operation should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC norms and to grow trees all along the approach road during the first year of operation, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 6,22,897Tons (including waste) and estimated the life of the quarry to be 15 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 42,105Tons/year (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry and road leading to crusher as per IRC norms.
2. To grow trees all along the approach roadduring the first year of operation.
3. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shallgrow trees all along the approach roadduring the first year of operation.*
7. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*

245.1.37. Building Stone Quarry Project at Arepura Village, Gundlupete Taluk, Chamarajanagara District (2-20 Acres) by Sri Narayana C S – Online Proposal No.SIA/KA/MIN/440994/2023 (SEIAA 398 MIN 2023)

Sri Narayana C S have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy.No.176/4 of Arepura Village, Gundlupete Taluk, Chamarajanagara District (2-20 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Narayana C S
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.176/4 of Arepura Village, Gundlupete Taluk, Chamarajanagara District (2-20 Acres)

Latitude	Longitude
11°58'29.7"N	76°39'34.9"E
11°58'25.4"N	76°39'34.9"E
11°58'25.5"N	76°39'32.4"E
11°58'22.9"N	76°39'32.4"E
11°58'23.0"N	76°39'28.7"E
11°58'25.5"N	76°39'28.9"E
11°58'25.4"N	76°39'30.2"E
11°58'26.0"N	76°39'30.2"E
11°58'25.8"N	76°39'32.4"E

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	2-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	52,632 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.22 Crores (Rs. 122 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	7,28,354Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	50,000 Tones / Annum (excluding waste)
11	CER Activities:	

	Year	Corporate Environmental Responsibility (CER)
	1st	The proponent proposes to distribute nursery plants at ArepuraVillage & Strengthening of approach road.
	2nd	
	3rd	Rain water harvesting pits to the GHPS school at ArepuraVillage.
	4th	Scientific support and awareness to local farmers to increase yield of crop and fodder.
	5th	Health camp in the GHPS school at ArepuraVillage.
12	EMP Budget	Rs. 31.48 lakhs (Capital Cost) & Rs. 7.17 lakhs (Recurring cost)
13	Forest NOC	27.04.2023
14	Quarry plan	17.08.2023
15	Cluster certificate	17.08.2023
16	Revenue NOC	23.05.2023
17	Notification	11.08.2023
18	DTF	26.07.2023

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposed area is a fresh land and no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there aretwo leases in a radius of 500mtrs from the applied lease and the total area of the leases including the applied lease is 6-31 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 399meters connecting the lease area to the all-weather black topped road. The Committee informed that the mining operation should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC norms and to grow trees all along the approach road during the first year of operation, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 7,28,354 Tons (including waste) and estimated the life of the quarry to be 14 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 52,632 tons/year (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry and road leading to crusher as per IRC norms.
2. To grow trees all along the approach roadduring the first year of operation.
3. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shall grow trees all along the approach roadduring the first year of operation.*
7. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*

245.1.38. Building Stone Quarry Project at Belur(J) Village, Kalaburagi Taluk & District (3-13 Acres) by Sri Siddangouda S Patil - Online Proposal No.SIA/KA/MIN/439688/2023 (SEIAA 399 MIN 2023)

Sri Siddangouda S Patil have applied for Environmental clearance from SEIAA for uilding Stone Quarry Project at Sy. No.45/7 of Belur(J) Village, Kalaburagi Taluk & District (3-13 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Siddangouda S Patil
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.45/7 of Belur(J) Village, Kalaburagi Taluk & District (3-13 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/ Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	3-13 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	55,402 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.35 Crores (Rs.35 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	2,47,784Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	54,294 Tones / Annum (excluding waste)
11	CER Activities: To grow additional 350 No. of plantation on either side of the approach road from quarry location to Belur(J) Village Road	
12	EMP Budget	Rs. 16.65 lakhs (Capital Cost) & Rs. 4.45 lakhs (Recurring cost)
13	Forest NOC	15.03.2018
14	Quarry plan	13.11.2018
15	Cluster certificate	11.08.2022
16	Revenue NOC	24.02.2018

Latitude	Longitude
N 17°24'18.3"	E 76°51'43.3"
N 17°24'20.7"	E 76°51 45.3"
N 17°24'23.2"	E 76°51'41.5"
N 17°24'21.3"	E 76°51'39.6"
N 17°24'19.8"	E 76°51'40.6"

17	Notification	18.09.2018
18	DTF	10.07.2018

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that as per the DMG letter dated 24.08.2023, only top soil has been removed to check the availability of mineral and no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there is one lease in a radius of 500mtrs from the applied lease and the total area of the leases including the applied lease is 4-28 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 680meters connecting the lease area to the all-weather black topped road. The Committee informed that the mining operation should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC norms and to grow trees all along the approach road during the first year of operation, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 2,47,784 Tons (including waste) and estimated the life of the quarry to be 5 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 55,402 tons/year (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry and road leading to crusher as per IRC norms.
2. To grow trees all along the approach roadduring the first year of operation
3. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shall trees all along the approach roadduring the first year of operation*
7. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*

245.1.39. Building Stone Quarry Project at Arundi Village, Nymati Taluk, Davanagere District (2-38 Acres) by Sri Ramesh Babu K – Online Proposal No.SIA/KA/MIN/439671/2023 (SEIAA 400 MIN 2023)

Sri Ramesh Babu K have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy. Nos.100/1B, 100/4 & 100/12 of Arundi Village, Nymati Taluk, Davanagere District (2-38 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Ramesh Babu K

<table>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. Nos.100/1B, 100/4 & 100/12 of Arundi Village, Nymati Taluk, Davanagere District (2-38 Acres)
<table>
<tr><th>Latitude</th><th>Longitude</th></tr>
<tr><td>N 14° 10' 36.0503"</td><td>E 75° 34' 42.4812"</td></tr>
<tr><td>N 14° 10' 37.1745"</td><td>E 75° 34' 51.0608"</td></tr>
<tr><td>N 14° 10' 36.2780"</td><td>E 75° 34' 51.8155"</td></tr>
<tr><td>N 14° 10' 35.5026"</td><td>E 75° 34' 51.7503"</td></tr>
<tr><td>N 14° 10' 34.8127"</td><td>E 75° 34' 44.8539"</td></tr>
<tr><td>N 14° 10' 35.5632"</td><td>E 75° 34' 44.7751"</td></tr>
<tr><td>N 14° 10' 35.3380"</td><td>E 75° 34' 42.5568"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone Quarry</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]</td><td>Patta</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>2-38 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>52,632 Tones/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.37 Crores (Rs. 137 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>10,18,583Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m/ Ton</td><td>50,000 Tones / Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Providing solar power panels to GHPS at Arundi Village</td></tr>
<tr><td>2nd</td><td>Rain water harvesting pits to GHPS at Arundi Village</td></tr>
<tr><td>3rd</td><td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td></tr>
<tr><td>4th</td><td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td></tr>
<tr><td>5th</td><td>Health camp in GHPS at Arundi Village</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 39.08 lakhs (Capital Cost) & Rs. 7.30 lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>05.06.2023</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>30.06.2023</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>05.08.2023</td></tr>
<tr><td>16</td><td>Revenue NOC</td><td>13.03.2023</td></tr>
<tr><td>17</td><td>Notification</td><td>19.06.2023</td></tr>
</table>

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

As per the cluster sketch there aretwo leases in a radius of 500mtrs from the applied lease and the total area of the leases including the applied lease is 11-14 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 474meters connecting the lease area to the all-weather black topped road. The Committee informed that the mining operation should be commenced after asphalting the approach road to the quarry and road leading to crusher as per IRC norms and to grow trees all along the approach road during the first year of operation, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 10,18,583Tons (including waste) and estimated the life of the quarry to be 20 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 52,632 tons/year (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry and road leading to crusher as per IRC norms
2. To grow trees all along the approach roadduring the first year of operation.
3. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*

3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shall grow trees all along the approach roadduring the first year of operation.*
7. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*

245.1.40. Expansion of Building Stone Quarry Project at Goolihalli Village, Hosadurga Taluk, Chitradurga District (1-00 Acre) (QL-No.CTA-520) by Smt. Radhamani. K.G – Online Proposal No.SIA/KA/MIN/441347/2023 (SEIAA 401 MIN 2023)

Smt. Radhamani. K.G have applied for Environmental clearance from SEIAA for Expansion of Building Stone Quarry Project at In Sy.No.24 of Goolihalli Village, Hosadurga Taluk, Chitradurga District (1-00 Acre) (QL-No.CTA-520)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Smt. Radhamani. K.G
2	Name & Location of the Project	Expansion of Building Stone Quarry Project at In Sy.No.24 of Goolihalli Village, Hosadurga Taluk, Chitradurga District (1-00 Acre) (QL-No.CTA-520)

		Latitude: N 13° 36' 17.5" / Longitude: E 76° 23' 50.4" N 13° 36' 17.6" / E 76° 23' 52.1" N 13° 36' 20.1" / E 76° 23' 52.1" N 13° 36' 20.1" / E 76° 23' 50.4"
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government Land
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	84,211 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.18 Crores (Rs. 118 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	5,50,745Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	80,000 Tones / Annum (excluding waste)
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to the GHPS school at Goolihalli Village.
2nd	Rain water harvesting pits to Goolihalli Village.
3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
4th	Conducting E-waste drive campaigns in GHPS at Goolihalli Village.
5th	Health camp in GHPS at Goolihalli Village.

12	EMP Budget	Rs. 29.50 lakhs (Capital Cost) & Rs. 7.29 lakhs (Recurring cost)
13	Quarry plan	25.07.2023
14	Audit Report	05.06.2023

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for expansion of building stone quarry, for which the lease was granted on10.06.2020 with effect from 16.10.2014 with QL No. 520, for which EC was issued earlier by SEIAA on 30.08.2014. The Proponent informed that they had obtained transfer of EC from SEIAA on 09.08.2023 and submitted audit report till 2022-23 certified by DMG informing nil production and justified for not submitting CCR.

There is an existing cart track road to a length of 590 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed

expansion in quantity should be commenced after strengthening the approach road to the quarry and road leading to crusher as per IRC standard norms and to grow trees all along the approach road, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 5,50,745tones(including waste) and estimated the life of mine to be 7 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of84,211Tones/Annum (including waste), with following consideration,

1. Proponent agreed to strengthen the approach road to the quarry as per norms before commencing expansion in quantity.
2. To grow trees all along the approach road and towards habitation during the first year of operation.
3. Proponent agreed to construct garland drain around the project site.
4. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*

3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shall grow trees all along the approach road and towards habitation during the first year of operation.*
7. *The PP Shallto construct garland drain around the project site.*
8. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*

245.1.41. Steatite (Soap Stone) Quarry Project at Gujjegowdanapura Village in Mysore Taluk & District (1-07 Acres) by Sri Srinivas - Online Proposal No.SIA/KA/MIN/441254/2023 (SEIAA 403 MIN 2023)

Sri Srinivas have applied for Environmental clearance from SEIAA for Steatite (Soap Stone) Quarry Project at Sy.Nos.88/6, 88/7 & 88/9 of Gujjegowdanapura Village in Mysore Taluk & District (1-07 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Srinivas
2	Name & Location of the Project	Steatite (Soap Stone) Quarry Project at Sy.Nos.88/6, 88/7 & 88/9 of Gujjegowdanapura Village in Mysore Taluk & District (1-07 Acres)
3	Type Of Mineral	Steatite (Soap Stone) Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government	Patta

Latitude	Longitude
N 12°08'58.9580"	E 76°30'26.9514"
N 12°08'58.8711"	E 76°30'29.4030"
N 12°08'56.9473"	E 76°30'29.4591"
N 12°08'57.0522"	E 76°30'26.5800"

	Revenue, Gomal, Private / Patta, Other]	
6	Area in Acres	1-07 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	8,595 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.30 Crores (Rs. 30 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,24,399Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	6,017Tones / Annum (recovery)
11	**CER Activities:**To grow additional 200 No. of plantation on either side of the approachroad from quarry location to Gujjegowdanapura Village Road and to provide infrastructure facilities to near by Govt. school.	
12	EMP Budget	Rs. 13.40 lakhs (Capital Cost) & Rs. 3.32 lakhs (Recurring cost)
13	Forest NOC	19.06.2017
14	Quarry plan	16.08.2023
15	Cluster certificate	16.08.2023
16	Revenue NOC	17.07.2020
17	Notification	27.07.2023

The subject was discussed in the SEAC meeting held on 16th, 17th& 18thOctober 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposed area is a fresh land and no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there is no lease within 500mtr from the said lease and total area of the applied lease is 1-07 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 200meters connecting lease area to the all-weather black topped road. The Committee informed that the production should be commenced after strengthening the approach road to the quarry as per standard norms and to grow trees all along the approach road, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 1,24,399tones(including waste) and estimated the life of mine to be 15 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 8,595 tones/Annum (including waste), with following consideration,

1. Proponent agreed to stregtehn the approach road to the quarry & road connecting the crusher as per IRC norms.
2. To grow trees all along the approach road during the first year of operation.
3. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*

Additional Conditions:

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to ensure dust pollution.*
6. *The PP Shall grow trees all along the approach road during the first year of operation.*
7. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*