Proceedings of the 246th SEIAA Meeting to be held on 16th November 2023 at 11:30 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:

246.1. Fresh Projects (Recommended for EC):

Construction Projects:

246.1.1. Multi Modal Logistic Park project at Bengaluru and External Trunk connectivity Infrastructure to the MMLP, Bengaluru Project at Varius Sy.Nos. of Obalapura Village, Nelamangala Taluk, Bengaluru Rural District by M/s.National Highways Authority of India – Online Proposal No.SIA/KA/INFRA2/408847/2022 (SEIAA 84 CON 2022)

National Highway Authority of India have proposed for Development of Multimodal Logistics Park Project on a plot area of 15,85,680 sqm. The total built up area is 2,70,965 sqm . The proposed project consists of 22 closed warehouses have been proposed. Also, admin and commercial facilities support Logistics facilities and staff housing will also be developed. Total water consumption is 566 KLD (Fresh water : Recycled water). The total wastewater generated is 380 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 500 KLD. The project cost is Rs. 343.78 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATIONPROVIDED BY PP
1	Name & Address of the Project Proponent	Ms. D. Archana Project Implementation Unit, Bangalore Expressway, National Highway Authority of India, Sy. No.84/11, Uttarahalli Main Road,

		Kengeri, Bangalore-560060
2	Name & Location of the Project	Development of Multimodal Logistics Park at Bengaluru and External Trunk Connectivity Infrastructure to the MMLP, Bengaluru
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Category 8(b) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	Area Development Project (Multi Modal Logistics Park)
c	Zoning Classification	KIADB
4	New/Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	3 tertiary channels passing with the project site and water body in center which will be retained with buffer
6	Plot Area (Sqm)	15,85,680 sqm
7	Built Up area (Sqm)	2,70,965 sqm
8	FAR • Permissible • Proposed	 2.00 0.75
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	22 closed warehouses have been proposed. Also, admin and commercial facilities, support Logistics facilities and staff housing will also be developed.
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	NA
11	Height Clearance	NA(As the project is more than 50 kms away from the nearest Airport)
12	Project Cost (Rs. In Crores)	343.78 (Phase 1)
13	Disposal of Demolition waster and or Excavated earth	NA As this is a new project
14	Details of Land Use	
a.	Ground Coverage Area	78.35Acres (20%)
b.	Kharab Land	15 acres 34 guntas
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	NA As the project is falling under 8(b) category as per theEIA notification, 2006.

	d.	Internal Roads	56.47 acres
	e.	Paved area	Core Logistics: 200.02 acres Container Yard: 24.80 acres Intermodal Area: 49.36 acres Amenities and Facilities: 4.99 acres Support Logistics Facilities: 4.56 acres Utilities: 5.59 acres Staff Housing: 4.98 acres Green belt -100.27 acres
	f.	Others Specify	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	391.83 acres (excluding kharab land 15 acres 34 guntas)
15		WATER	
	I.	Construction Phase	
	a.	Source of water	Tankers
	b.	Quantity of water for Construction in KLD	22.2 KLD
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD
	d.	Waste water generation in KLD	17.8 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 : 500KLD Recycled : 300KLD Total : 500KLD
	b.	Source of water	Supply water from KIADB, Additional water storage pond will be developed to cater the project water requirement.
	c.	Waste water generation in KLD	380KLD
	d.	STP capacity& Area required	500KLD, 1.3 Acre
	e.	Technology employed for Treatment	SBR
	f.	Scheme of disposal of excess treated water if any	100% use of recycled water
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	197 ML

	b.	No's of Ground water recharge pits	28 Pits
17		Storm water management plan	Recharge pits proposed within the project site. Overflow water from the recharge pits to be connected to the SWD network. Further, water storage tanks proposed within project area.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	300 kg/ day
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	158.2 kg/day
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	1421.3 kg/day handed over to authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	1.58 kg/day handed over to authorized recyclers
	d.	Quantity of E waste generation and mode of Disposal as per norms	1.58 kg/dayhanded over to authorized recyclers
19		POWER	
	a.	Total Power Requirement - Operational Phase	7.84 MVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2*1000 KVA
	c.	Details of Fuel used for DG Set	Ultra Low Sulphur Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	5.1 MVA rooftop solar proposed
20		PARKING	
	a.	Parking Requirement as per norms	19 acres
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	B &C
	c.	Internal Road width (RoW)	27m and 16m

21	CER Activities	Desiltation of two water bodies at Hadihosahalli and Obalapura villages
22	EMP • Construction phase • Operation Phase	 0.6 Crore (Construction Phase) 72.74 Crore (Operation Phase)

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 warehouse project with railway sliding facility. The Proponent informed the Committee that the proposed area is allotted by KIADB in the zoning limits of Nelamangala Development Authority.SEIAA had issued ToR on 14.06.2022.

The Committee during appraisal sought details regardingwater body, drain as per village map, details with respect to TGR catchment area, sewage treatment technology and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that, for the water body in the center, buffer of 10mtrs around the water body from the edge is proposed and for the three tertiary drains passing inside the project, buffer of 10mtr from the edge is proposed. For Tippagondanahalli Reservoir(TGR) catchment area, Proponent informed that as per GoK Notification dated 18.11.2003, the project area falls under Zone 1, Zone 3 and Zone 4 for TGR Catchment area and as per the Notification, greenbelt and approach road is developed in Zone 1 & Zone 3, which is permissible and as green category industries area permissible in Zone 4 and according to KSPCB the proposed activity falls under green category, as it involves only storage of products and no manufacturing or processing. For handling sewage generated, the Proponent submitted revised technology to SBR from FMR for the handling of sewage generated based on the feasibility and to have efficient water treatment even at lower capacity as project operation is being taken up in stages. For harvesting rain water, the Proponent has proposed 120ML capacity of sump for runoff from rooftop and another tank of 76.8ML for runoff from landscape and paved areas in addition to 28 recharge pits.

The Proponent informed that they have made provisions to grow and maintain 19850trees in the 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 use sustainable building materials in the proposed project and to harvest excess rainwater and solar energyin 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 noted that the baseline parameters are found to be within permissible limits and the Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide RWH tanks of 120ML & 76.8ML and 28 recharge pits.
2. To abide by the TGR Notification in currency.
3. To explore additional provisions to be water positive
4. To undertake additional plantation in the early stage of construction.
5. Proponent agreed to carry outrejuvenation in the nearby waterbody.
6. 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 submit details about earmark a dedicated. area for processing of general solid waste, hazardous waste, plastic waste, packaging waste etc..*
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 abide by the TGR Notification in currency.*
5. *The PP shall explore additional provisions to be water positive*
6. *The PP shall undertake additional plantation in the early stage of construction.*
7. *The PP shall carry outrejuvenation in the nearby waterbody.*
8. *The PP shall source external water from KGWA approved water tankers.*
9. *The PP shall grow indigenous fruit yielding trees in the early stages of construction. (Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)).*
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 area earmarked for solid waste management shall not be allotted to any other activity.*
14. *Dust suppression measures have to be strictly followed by providing sprinkling system during construction phase*
15. *The PP shall explore the possibility of Solar panelled roofs to achieve sustainable energy.*
16. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.2. High-rise Office Building Project at Sy.Nos.5/4A1, 5/4A2, 5/4A3, 5/4A4, 5/4A5, 5/4A7, 5/4B, 5/4C, 6/1, 15/1, 15/2, 15/3, 15/4, 15/5, 15/8, 15/9, 15/10, 15/11, 15/12, 18/2, 18/5, 18/6, 20/1A, 20/1B, 20/3, 21/1, 21/2, 21/3, 21/4, 21/5, 21/6, 22/2 23/2 of Hebbal Amanikere Village, Kasaba Hobli, Bengaluru North Taluk, Bengaluru by M/s. Prestige Century Landmark – Online Proposal No.SIA/KA/INFRA2/447276/2023 (SEIAA 168 CON 2022)

M/s. Prestige Century Landmark & M/s. Prestige Century Megacity have proposed for construction of High-rise Office Building Project on a plot area of 59, 386.79 Sqmt (14A 27G). The total built up area is 2, 73, 444.28 Sqmt. The proposed project consists of Building 1 - 2B+G+15UF, building 2 - 2B+G+15UF and Building 3 - 2B+G+15UF. Total water

consumption is 962 KLD (Fresh water + Recycled water). The total wastewater generated is 866 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 500 KLD & 370 KLD. The project cost is Rs. 473.20 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATIONPROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. Prestige Century Landmark & M/s. Prestige Century Megacity No. 19, Prestige Falcon Towers, Brunton Road, Bengaluru-560 025.
2	Name & Location of the Project	High-rise Office Building at Sy.Nos.5/4A1, 5/4A2, 5/4A3, 5/4A4, 5/4A5, 5/4A7, 5/4B, 5/4C, 6/1, 15/1, 15/2, 15/3, 15/4, 15/5, 15/8, 15/9, 15/10, 15/11, 15/12, 18/2, 18/5, 18/6, 20/1A, 20/1B, 20/3, 21/1, 21/2, 21/3, 21/4, 21/5, 21/6, 22/2 23/2, Hebbal Amanikere Village, Kasaba Hobli, Bengaluru North Taluk, Bengaluru Urban.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Category 8(b) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	High-rise Office Building.
c	Zoning Classification	-
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	As per the village map, there is a nala running in the project site which will be rerouted and the buffer for the same will be provided as per BDA RMP – 2015, zoning regulations.
6	Plot Area (Sqm)	59, 386.79 Sqmt (14A 27G)
7	Built Up area (Sqm)	2, 73, 444.28 Sqmt
8	FAR • Permissible • Proposed	 3.25 3.249

9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building 1 - 2B+G+15UF, 65.95 m Building 2 - 2B+G+15UF, 65.95 m Building 3 - 2B+G+15UF, 65.95 m	
10	Number of units/plots in case of Construction/ Residential Township / Area Development Projects	-	
11	Height Clearance	As per CCZM permissible top elevation is 66.14mtr and proposed is 65.95mtrs.	
12	Project Cost (Rs. In Crores)	Rs. 473.20 Crores.	
13	Disposal of Demolition waster and or Excavated earth	92,686 Cum	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	13, 803.58 Sqmt	
b.	Kharab Land	505.85 Sqmt	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	11, 190.33 Sqmt	
d.	Internal Roads	29, 981.6	
e.	Paved area		
f.	Others Specify	Service area - 3, 905.43 Sqmt	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
h.	Total	59, 386.79 Sqmt (14A 27G)	
15	WATER		
I.	Construction Phase		
a.	Source of water	Tertiary Treated water / External Tanker Water Suppliers	
b.	Quantity of water for Construction in KLD	30 KLD	
c.	Quantity of water for Domestic Purpose in KLD	53 KLD	
d.	Waste water generation in KLD	48 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	The total sewage generated from construction site & labour camp is 48 KLD which will be treated in mobile Sewage Treatment Plant of 50 KLD capacity.	
II.	Operational Phase		
a.	Total Requirement of Water in	Fresh	527 KLD

		KLD	Recycled	435 KLD
			Total	962 KLD
	b.	Source of water	BWSSB.	
	c.	Waste water generation in KLD	866 KLD	
	d.	STP capacity& Area required	500 KLD (Building 1 & 2) & 370 KLD(Building 3)	
	e.	Technology employed for Treatment	SBR Technology	
	f.	Scheme of disposal of excess treated water if any	For Flushing – 435 KLD For Landscaping – 67 KLD For HVAC – 278 KLD	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	1610 Cum	
	b.	No's of Ground water recharge pits	30 Nos. of deep recharge pits have been proposed to recharge the ground water.	
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	Construction Site – 105 kg/day Labour colony – 105 kg/day Solid waste generated from the labor camp and construction site will be collected manually and handed over to BBMP authorized recyclers.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1.366 MT/Day. Biodegradable wastes will be segregated at the source and will be processed in proposed Bio-gas.	
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	2.051 MT/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: 10.327 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	Minimal 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	16,759 kVA (15,083 kW)
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1250kVA x 1 No + 2000kVA x 10 Nos.
	c.	Details of Fuel used for DG Set	4,452.3L/hr.
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	➢ Solar heater, Solar Power ➢ 5 STAR Cat. Transformer ➢ LED light ➢ VFDs Energy Savings: 21.27%
20		PARKING	
	a.	Parking Requirement as per norms	2, 618 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic Report has been submitted along with EIA Report.
	c.	Internal Road width (RoW)	8m
21		CER Activities	• To rejuvenate the Rachenahalli Lake
22		EMP • Construction phase • Operation Phase	**During Construction:** Capital investment – 72 lakhs During Construction – 35 lakhs/ annum **During Operation:** Capital investment – 1, 300 lakhs Operation Investment – 61.5 lakhs/ annum

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 Office building project in an area earmarked for residential hitech use as per RMP of BDA, for which the Proponent informed that proposed activity is permissible as per the zoning guidelines of BDA. SEIAA had issued ToR on 02.12.2022 and amendment on 14.03.2023.

The Committee during appraisal sought details regarding drain as per village map and sensitive zone, rain water harvesting measures in the proposed area. The Proponent informed the Committee that there the secondary drain is rerouted as per DC Order dated 24.03.2023 and provided buffer of 25mtrs on either side for the rerouted drain and for the tertiary drain in west, buffer of 15mtr from the edge is proposed on either side. For sensitive zone as per BDA, Proponent informed that they have obtained sensitive zone clearance from BDA on 17.12.2022 & 19.12.0222. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of capacity 1610cum

capacity for runoff from rooftop and an additional tank of 830cum for the runoff from hardscape and landscape areas along with 30 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 750 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 1610cum, 830cum and 30recharge 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. To obtain permission from concerned authority for construction of bridge/culvert on drains

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. Further, the Authority perused the documents.

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 detailed time bound action pla for rejuvenation of Rachenahalli Lake (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 project proponent shall provide adequate electrical charging stations/booth for charging E Vehicles commensurate with its usage for commercial Building.*
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.*
6. *The PP shall obtain permission from concerned authority for construction of bridge/culvert on drains.*
7. *The PP shall grow 150 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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 Authority observed that the nala passing through the northern side of the project is connecting two lakes and therefore the proponent shall leave a buffer of 50mtrs from the*

center of the nala on either side to the building line. The project Proponent shall submit an undertaking to this effect.

12. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.3. Residential Apartment Project at Sy.No. 113 of Kaggalipura Village, Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru Urban District by M/s. Sri Sumeru Realty Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/445836/2023 (SEIAA 192 CON 2023)

M/s. Sri Sumeru Realty Pvt. Ltd. have proposed for Development of "Residential Apartment" Project on a plot area of 9,004.25Sqm. The total built up area is 25,097.14Sqm. The Proposed project comprising 152 Nos. of residential units in 2 blocks distributed over BF+GF+9UF. Total water consumption is 104KLD (Fresh water + Recycled water). The total wastewater generated is 94 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 100 KLD. The project cost is Rs. 54.10Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	Mr. Narendra Singh Lamba Managing Director **M/s. Sri Sumeru Realty Pvt. Ltd.** 2nd Floor, Samvit, Next to Art of Living Ashram, Near Udayapura Bus Stop,Bengaluru – 560 082.
2	Name & Location of the Project	**Development of "Residential Apartment" Project.** Sy. No. 113,Kaggalipura Village,Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru Urban District – 560 082.
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 master plan of Kanakapura Local Planning Area - 2031, Kaggalipura map the proposed project site is designated as Residential zone.

4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	There is a nala running on northern side of the project site boundary, to which we have left 9 m as buffer.
6	Plot Area (Sqm)	9,004.25Sqm
7	Built Up area (Sqm)	25,097.14Sqm
8	FAR • Permissible • Proposed	 2.00 2.00
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project comprising 152 Nos. of residential units in 2 blocks distributed over BF+GF+9UF. Maximum height of the building is 31.70 m.
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	152 Nos
11	Height Clearance	31.70 m (As per CCZM, the permissible height is 284 m AMSL and the height achieved for our proposed building is 31.70 m).
12	Project Cost (Rs. In Crores)	Rs. 54.01 Crores
13	Disposal of Demolition waster and or Excavated earth	Demolition waste debris of quantity 30 m^3 will be used for internal road / driveway formation. Total Excavated earth quantity – 8,166 m^3 For Backfilling – 2,849 m^3 For Landscaping – 1,349 m^3 For Driveway – 1,315 m^3 For site formation – 2,653 m^3
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	2,630.76Sqm
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2698.56 Sqm 443.25 Sqm – Park & open spaces
d.	Internal Roads	2896.00Sqm
e.	Paved area	
f.	Others Specify	Services area – 335.68 Sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-

h.	Total	9,004.25 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	18KLD		
c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD		
d.	Waste water generation in KLD	04 KLD		
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be 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	69 KLD	
		Flushing	35 KLD	
		Total	104KLD	
b.	Source of water	Kaggalipura Gram Panchayath		
c.	Wastewater generation in KLD	94 KLD		
d.	STP capacity& Area	STP Capacity – 100 KLD Area of STP – 110 Sqm		
e.	Technology employed for Treatment	Sequential Batch Reactor Technology		
f.	Scheme of disposal of excess treated water if any	Excess 32 KLD for construction works/Avenue plantation.		
16	Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	70 Cum		
b.	No's of Ground water recharge pits	12 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.		
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 - 13 m³ 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	125 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter. OWC capacity is 150 kg/day and its areais 18.75 Sqm
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	187 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: 110 L/Annum (0.22 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	599 kVA
	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, high efficiency Pumps and motors in Lifts etc., The overall energy savings is around 29 %
20		PARKING	
	a.	Parking Requirement as per norms	167 Nos of cars. (provided - 180 Nos of cars)
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road: Approach road; Towards: -; Existing: A; Changed scenario after road widening: A

			Kanakapura Road	Bengaluru City	C	B
				kanakapura	B	B
	c.	Internal Road width (RoW)	18.00 m wide approach road			
21		CER Activities	Recharging of borewells in Kaggalipura Grama Panchayath			
22		EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 10.0 Lakh Construction – 38.98 Lakh During Operation: Capital investment – 133.10Lakh Operation Investment –20.0 Lakh/annum			

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 apartment project in an area earmarked for residential use as per Kanakapura Planning Authority.

The Committee during appraisal sought details regarding drain as per village map and rain water harvesting provisions proposed in the project. The Proponent informed the Committee that for the primary drain in north buffer of 9mtr is proposed from the edge of drain and for harvesting rain water, they haveproposed storage tank of 70cumfor runoff from rooftop, hardscape and landscape areas along with 12 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 130trees 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 70cumand 12 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. *The PP shall grow trees during the construction phase itself.*
5. *The PP shall source external water from KGWA approved water sources.*
6. *The PP shall carry out community recharge of bore wells in the vicinity of the site*
7. *The PP shall construct lead of drains till the natural drains/water body for handling excess water.*
8. *The PP shall grow 130 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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 Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.4. Residential Apartment Project at Sy.Nos.37/2, 37/3, 37/4, 37/5, 37/6, 37/7, 37/8, 37/9, 37/10, 37/11, 37/12, 37/13, 37/14, 37/15, 37/16, 37/17, 37/18, 37/19, 37/20, 43/5 & 43/4B of Kodathi Village, Varthur Hobli, Bangalore East Taluk, Bangalore by M/s. Trifecta Projects Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/445809/2023 (SEIAA 193 CON 2023)

M/s. Trifecta Projects Pvt Ltd have proposed for construction of Residential Apartment Project on a plot area of 37,635.45 Sqm. The total built up area is 1,18,171.40 Sqmt. The proposed project consists of 863 nos Tower A,B, B+G+24 UF and Amenity Block B+G+4UF. Total water consumption is 640 KLD (Fresh water + Recycled water). The total wastewater generated is 580 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 580 KLD. The project cost is Rs.180 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	**M/s. Trifecta Projects Pvt Ltd,** 13thFloor, Trifecta Adatto Sy.Nos.66/2 & 67/1, Whitefield Main Raod Gurudacharapalya, Opp to BESCOM Office Bangalore-560048.
2	Name & Location of the Project	Sy. Nos. 37/2,37/3,37/4,37/5,37/6,37/7,37/8,37/9,37/10,37/11,37/12,37/13,37/14,37/15,37/16,37/17,37/18,37/19,37/20,43/5 and 43/4B ofKodathiVillage, Varthurhobli, 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	Water body is adjacent to the proposed area in south west
6	Plot Area (Sqm)	37,635.45 Sqm.
7	Built Up area (Sqm)	1,18,171.40 Sqmt
8	FAR • Permissible • Proposed	 2.25 2.249
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower A,B, B+G+24 UF and Amenity Block B+G+4UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	863 nos
11	Height Clearance	As per CCZM Permissible top elevation is 1010m AMSL and proposed Top elevation is 1007.45m AMSL
12	Project Cost (Rs. In Crores)	180 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	3359.29 Sqm	
b.	Kharab Land	910.52 sqm	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	Green belt area on earth is 10061.76 Sqm, Green Development on Podium is 12371.93 Sqm	
d.	Internal Roads	10,934.95 Sqm	
e.	Paved area		
f.	Others Specify	NA	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
h.	Total	37,635.45 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	
c.	Quantity of water for Domestic Purpose in KLD	5	
d.	Waste water generation in KLD	4	
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	440
		Recycled	200
		Total	640
b.	Source of water	Grampanchyat	
c.	Waste water generation in KLD	580	
d.	STP capacity	580 KLD	
e.	Technology employed for Treatment	SBR Technology, Area required for STP is 600Sqmt	
f.	Scheme of disposal of excess treated water if any	Excess 221 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	Rain Water Collection Sump Capacity Provided 170 Cum for Tower A and 140	

			Cum for Tower B collection tank will be provided. Area required for Rain water tank is 320Sqmt
	b.	No's of Ground water recharge pits	14 Nos.
17		Storm water management plan	We provided 170 Cum for Tower A and 140 Cum for Tower B of roof water collection sump and 14 nos of recharge pits all along the project site. We provided Pond 500 cum for collecting 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	1164 kg/day converted in to organic manure and used for garden 50 kg/ hr 1200 kg/day of capacity Space required is 20sqmt
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	777 kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	150-180 lts given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	250 kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	3710
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	625 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	22% savings
20		PARKING	
	a.	Parking Requirement as per norms	935
	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 Sarjapura Main Road

		towards Sarjapurais B and towards ORR is B
c.	Internal Road width (RoW)	8.0
21	CER Activities	To provide infrastructure developmental facility of nearby Govt School.
22	EMP • Construction phase • Operation Phase	 78.2Lakhs 445 Lakhs

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 apartment 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 waterbody as per village map and rain water harvesting provisions proposed in the project. The Proponent informed the Committee that for water body in southwest buffer of 30mtr is proposed from the edge. For harvesting rain water, Proponent informed that they haveproposed storage tank of capacity 170cum& 140cum capacity for runoff from rooftop and a pond of 500cum capacity for runoff from hardscape and landscape areas in addition to 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 460 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 170&140 cum and pond of 500cum 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.*

<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.*
6. *The PP shall carry out community recharge of bore wells in the vicinity of the site*

7. *The PP shall construct lead of drains till the natural drains/water body for handling excess water.*
8. *The PP shall grow 460 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, jackfruit, jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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 Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.5. Hostel Building Project at Sy.Nos.45/1 & 45/2 of Devarakaggalahalli Village, Harohalli Hobli, Kanakapura Taluk, Ramanagara District by Dr. Hemachandra Sagar – Online Proposal No.SIA/KA/INFRA2/446868/2023 (SEIAA 162 CON 2023)

Dr. Hemachandra Sagar have proposed for Development of Hostel Building Project on a plot area of 39,152.98 Sqmt. The total built up area is 98,412.78 Sqmt. The proposed project consists of Hostel Building 3 Building of G +13 UF. Total water consumption is 600 KLD (Fresh water + Recycled water). The total wastewater generated is 480 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 500 KLD. The project cost is Rs. 140 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	Dr.HemachandraSagar, No:44/54,30th Cross,Tilak Nagar,Jayanagar Extension,Bangalore-560041

2	Name & Location of the Project	DEVELOPMENT OF HOSTEL BUILDING, At Sy no 45/1 and 45/2 of Devarakaggalahalli Village, HarohalliHobali, Kanakapura Taluk, Ramanagara District.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Hostel Building
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)	39,152.98 Sqmt
7	Built Up area (Sqm)	98,412.78 Sqmt
8	FAR • Permissible • Proposed	2.25 2024
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3 Building Of G +13 UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	Hostel Building
11	Height Clearance	Outside the HAL limits.
12	Project Cost (Rs. In Crores)	Rs. 140cr
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	9,768.51 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	12,920.4 Sqm
d.	Internal Roads	16,464.07 Sqmt
e.	Paved area	

	f.	Others Specify	NA	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	39,152.98 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	
	c.	Quantity of water for Domestic Purpose in KLD	5	
	d.	Waste water generation in KLD	4	
	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	400
			Recycled	200
			Total	600
	b.	Source of water	Grampanchyat	
	c.	Waste water generation in KLD	480	
	d.	STP capacity	500 KLD	
	e.	Technology employed for Treatment	SBR Technology, Area required for STP is 600Sqmt	
	f.	Scheme of disposal of excess treated water if any	Excess 146 KLD will be used for floor washing, given to nearby construction activities/ avenue plantation	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	3 nosof 250 m3 of collection sump is provided Area required for Rain water tank is 800Sqmt	
	b.	No's of Ground water recharge pits	25nos.	
17		Storm water management plan	We provided 3 nos of 250 m3 roof water collection sump and 25nos. of recharge pits all along the project site, We Provided pond capacity 500 cum for collection of surface rain water	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of	Handed over to BBMP authorities	

		Disposal as per norms	
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	640kg/day converted in to organic manure and used for garden 26kg/ hr 650 kg/day of capacity Space required is 15sqmt
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	960 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	80 kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	920
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	380 KVA X 1nos and 180 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	20.1% savings
20		PARKING	
	a.	Parking Requirement as per norms	396ECS
	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 Bangalore City is B and towards Kanakapurais B
	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	 68 Lakhs 233Lakhs

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 Hostel buildingproject in an area earmarked for residential use as per Kanakapura Planning Authority.

The Committee during appraisal sought details regarding H/T line and rain water harvesting provisions proposed in the project. The Proponent informed the Committee that for H/T line buffer of 26mt is proposed on either sides and for harvesting rain water, Proponent informed that they haveproposed storage tank of capacity 3x250cumcapacity for runoff from rooftop and a pond of 500cum capacity for runoff from hardscape and landscape areas in addition to 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 490 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 3x250 cum and pond of 500cum 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. 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. *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.*
2. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
3. *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.*
4. *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 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. *The PP shall grow trees during the construction phase itself.*
5. *The PP shall source external water from KCWA approved water sources.*
6. *The PP shall carry out community recharge of bore wells in the vicinity of the site*
7. *The PP shall construct lead of drains till the natural drains/water body for handling excess water.*
8. *The PP shall leave H/T line buffer as per Electricity Act.*
9. *The PP shall grow 490 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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. *Solar power shall be used for lighting in the Hostel building to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the building or as per the requirement of the local building bye-laws, whichever is higher.*

14. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.6. Residential Apartment and club house Project at Sy.Nos.1/1 & 1/7 of Chikkanayakanahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. Mana Constructions – Online Proposal No.SIA/KA/INFRA2/447409/2023 (SEIAA 204 CON 2023)

M/s. Mana Constructions have proposed for Development of "Residential Apartment and Club House" Project on a plot area of 9,939.95 Sqm The total built up area is 34,472.08 Sqm. The Proposed project comprising 192 No. of residential units in Block A, B, C&D distributed over BF+SF+GF+7UFand Club House in GF+3UF. Total water consumption is 134 - KLD (Fresh water + Recycled water). The total wastewater generated is 121 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 150 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	Mr. Kishore Kumar. H Vice President – Business Development M/s. Mana Constructions No. 55, Mana Regency, Bellandur main road, Bengaluru - 560 103
2	Name & Location of the Project	**Development of "Residential Apartment and Club House" Project.** Sy. No. 1/1 & 1/7, Chikkanayakanahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru Urban District– 560 035.
3	Type of Development	
a.	Residential Apartment /	Residential Apartment

		~~Villas / Row Houses / Vertical Development / Office / IT / ITES / Mall / Hotel / Hospital / other~~	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 purposes.
4		~~New / Expansion / Modification / Renewal~~	New
5		Water Bodies/ Nalas in the vicinity of project site	No water bodies /nalas in the vicinity of the project
6		Plot Area (Sqm)	9,939.95 Sqm
7		Built Up area (Sqm)	34,472.08 Sqm
8		FAR • Permissible • Proposed with TDR	 2.25 2.38
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project comprising 192 No. of residential units in Block A, B, C&D distributed over BF+SF+GF+7UFand Club House in GF+3UFwith a maximum height of 23.60 m.
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	NA
11		Height Clearance	As per CCZM map, the permissible height is 36 m AMSL and achieved height of the building is 23.6 m.
12		Project Cost (Rs. In Crores)	Rs. 65 Crores
13		Disposal of Demolition waster and or Excavated earth	Demolition waste debris of quantity 150 m^3 will be used for internal road / driveway formation. Total Excavated earth quantity – 16,646 m^3 For Backfilling – 5,327 m^3 For Landscaping – 4,275 m^3 For Driveway & hardscape – 3,424 m^3 For site formation – 3,620 m^3
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	3,430.83 Sqm
	b.	Kharab Land	As per village map, there is 101.17 Sqm foot

			path kharab in the project site and we have left as it is. (Kharab area is excluded in site area)
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,288.34 Sqm
	d.	Internal Roads	2,854.20 Sqm
	e.	Paved area	
	f.	Others Specify	Services area – 366.58 Sqm
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
	h.	Total	9,939.95 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	20 KLD
	c.	Quantity of water for Domestic Purpose in KLD	6.8 KLD
	d.	Waste water generation in KLD	6 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 – 89 KLD Flushing – 45 KLD Total – 134 KLD
	b.	Source of water	Halanayakanahalli Gram panchayath
	c.	Wastewater generation in KLD	121 KLD
	d.	STP capacity&Area required	STP Capacity – 150 KLD STP Area – 178.5 Sq.mt
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology
	f.	Scheme of disposal of excess	Excess 47 KLD for construction works/Avenue

		treated water if any	plantation.
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	20 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 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 - 17 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	158 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter. OWC Capacity - 175kg/day & its area 20 Sqm.
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	236 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: 135 L/Annum (0.27 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	709 kVA
	b.	Numbers of DG set and	275 kVA - 2 Nos.

		capacity in KVA for Standby Power Supply	
	c.	Details of Fuel used for DG Set	115.24 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 29 %
20		PARKING	
	a.	Parking Requirement as per norms	211 Nos. of cars. (provided – 215 Nos. of cars)
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	
	c.	Internal Road width (RoW)	12.5 m wide existing Gattahalli road
21		CER Activities	Recharge of borewells in Chikkanayakanahalli Village Rs. 5.0 Lakhs
22		EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 14.00 Lakh Construction – 50.4 Lakh During Operation: Capital investment – 190.32 Lakh Operation Investment – 26.7 Lakh/annum

Road	Towards	Existing	Changed after road widening
Gattahalli Road		0.26 – 'B'	0.36 – 'B'
Sarjapura main Road	Sarjapura	0.63 – 'D'	0.32 – 'B'
	ORR	0.66 – 'D'	0.34 – 'B'

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 apartment project in an area earmarked for residential use as per RMP of BDA.

The Committee during appraisal sought details regarding foot kharab area as per village map and rain water harvesting measures in the proposed area. The Proponent informed the Committee that foot kharab area is left as it is with 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 200cum capacity for runoff from rooftop, hardscape and landscape areas along with 20 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 111 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 200cum and 20recharge 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.
5. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site
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. *The PP shall grow trees during the construction phase itself.*
5. *The PP shall source external water from KGWA approved water sources.*
6. *he PP shall carry out community recharge of bore wells in the vicinity of the site*
7. *The PP shall to construct lead of drains till the natural drains/water body for handling excess water.*
8. *The PP shall grow 111 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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 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.*

14. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.7. Residential Apartment with Club House Building Project at Sy.Nos.10/2, 10/3, 10/4, 11/2, 11/3 & 11/4 of Thirumenahalli Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru Urban District by M/s. Prestige Estates Projects Ltd. – Online Proposal No.SIA/KA/INFRA2/447274/2023 (SEIAA 208 CON 2023)

M/s. Prestige Estates Projects Limited have proposed for Development of "Residential Apartment with Club House" Project on a plot area of 7,165.09Sqm. The total built up area is 31,660.17Sqm. The Proposed project comprising 117 No. of residential units with club house distributed over 2BF+GF+20UF. Total water consumption is 103 KLD (Fresh water + Recycled water). The total wastewater generated is 93 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 100 KLD. The project cost is Rs. 49.80 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	Mr. Zaid Sadiq Executive Director **M/s. Prestige Estates Projects Limited** "Prestige Falcon Towers", No. 19, Brunton Road, Bengaluru – 560 025.
2	Name & Location of the Project	**Development of "Residential Apartment with Club House" Project at** Sy. Nos. 10/2, 10/3, 10/4, 11/2, 11/3 & 11/4 of Thirumenahalli Village,Yelahanka Hobli, Bengaluru North 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 withClub House category 8(a) a 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 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)	7,165.09Sqm
7	Built Up area (Sqm)	31,660.17Sqm
8	FAR • Permissible • Proposed	3.00 2.99
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project comprising 117 No. of residential units with club house distributed over 2BF+GF+20UFwith a maximum height of 68.0 m.
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	NA
11	Height Clearance	68.0 m (As per CCZM Map, the permissible height is 70.50 m and the height achieved for our proposed building is 68.0 m)
12	Project Cost (Rs. In Crores)	Rs. 49.80Crores.
13	Disposal of Demolition waster and or Excavated earth	Demolition waste debris of quantity 350 m^3 will be used for internal road / driveway formation. Total Excavated earth quantity –38,911m^3 For Backfilling - 13,370m^3 For Landscaping - 5,476 m^3 For Driveway & hardscape - 6,467m^3 For site formation – 13,598 m^3
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	1,375.04Sqm
b.	Kharab Land	303.22 Sqm
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,737.80Sqm
d.	Internal Roads	2,155.36Sqm
e.	Paved area	
f.	Others Specify	Surface parking area – 165.00 Sqm Service area – 428.67 Sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-

h.	Total	7,165.09Sqm		
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	22KLD		
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 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	68KLD	
		Flushing	35KLD	
		Total	103 KLD	
b.	Source of water	BWSSB		
c.	Wastewater generation in KLD	93KLD		
d.	STP capacity and area required	STP Capacity – 100 KLD and area- 170 Sqm		
e.	Technology employed for Treatment	Sequential Batch Reactor Technology		
f.	Scheme of disposal of excess treated water if any	Excess 30KLD for construction works/Avenue plantation.		
16	Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	66Cum		
b.	No's of Ground water recharge pits	16Nos.		
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 -16 m³ 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	134kg/day This will be segregated and processed in proposed organic waste converter with of capacity within the site. OWC capacity 140 kg/day (area 27 Sqm)
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	202kg/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:305 L/Annum (0.61 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	1147kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	630 kVA - 2 Nos.
	c.	Details of Fuel used for DG Set	264 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& ballastetc., The overall energy savings is around 20.76 %
20		PARKING	
	a.	Parking Requirement as per norms	148 No. of cars. (provided - 232 No. of cars)
	b.	Level of Service (LOS) of the connecting Roads as per the	Road: Thanisandra; Towards: Bagalur; Existing: C; Changed: C

	c.	Traffic Study Report Internal Road width (RoW)	main Road 25 m wideThanisandra main road	Nagavara	C	C
21		CER Activities	Development works in Kannuru Lake			
22		EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 9.70Lakh Construction – 42.60Lakh During Operation: Capital investment – 137.26Lakh Operation Investment – 20.0 Lakh/annum			

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 apartment project in an area earmarked for industrial 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 cart track road 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 demarcated as cart track in village map. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of 66cum capacity for runoff from rooftop, hardscape and landscape areas along with 16 recharge pits within the project area. For existing building, Proponent informed that the demolition debris of 350cum to be handled within the site 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 66cum and 16recharge 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.
5. To obtain necessary permission for carrying out demolition activities.
6. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site

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.*
6. *The PP shall provide free public access in kharab area.*

7. *The PP shall obtain necessary permission for carrying out demolition activities.*
8. *The PP shall carry out community recharge of bore wells in the vicinity of the site*
9. *The PP shall grow 115 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood. Ocimum tenuiflorum (Sri Tulasi)].*
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 Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.8. Commercial (Office) Building Project at Sy.Nos.172/6, 172/7, 180/6, 180/7, 180/8, 180/9, 180/10, 180/11, 181/1, 181/2, 181/3, 181/4 & 181/5 of Bellandur Amanikere Village, Varthur Hobli, Banaglore East Taluk, Bangalore by M/s. Sumadhura Platinum Square Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/447708/2023 (SEIAA 209 CON 2023)

M/s. Sumadhura Paltinum Square Pvt Ltd have proposed for construction of Commercial (Office) Building project on a plot area of 19,576.51 Sqm. The total built up area is 99,501.11 sqm. The proposed project consists of 3 Basement +Ground+ 10 UF+ Terrace. Total water consumption is300 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. 150 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	M/s. Sumadhura Platinum Square Pvt Ltd,

		108/2, Millenia Building, Ist Main, MSR Layout, Munnekollala Village, Outer Ring Road, Bangalore-560037.
2	Name & Location of the Project	Commercial (Office) Building project at Sy. Nos. 172/6,172/7,180/6,180/7,180/8,180/9,180/10,180/11,181/1,181/2,181/3,181/4 and 181/5 of BellandurAmanikere Village,VarthurHobli, Banaglore East Taluk, Bangalore
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Development of Commercial (office) Building 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	Primary nala is about adjacent in Southern direction. Tertiary nala is adjacent to the project site in Northern Direction
6	Plot Area (Sqm)	19,576.51 Sqm
7	Built Up area (Sqm)	99,551.11 sqm
8	FAR • Permissible • Proposed	3.25 3.25
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3 Basement +Ground+ 10 UF+ Terrace
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	NA
11	Height Clearance	HAL NoC dt: 30.08.2023
12	Project Cost (Rs. In Crores)	150 Cr
13	Disposal of Demolition waster and or Excavated earth	Excavated earth we used our project site only. No Demolition waste in our

		project site	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	3867.34 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	9275.90 sqm	
d.	Internal Roads	4433.27 Sqm	
e.	Paved area		
f.	Others Specify	NA	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
h.	Total	19,576.51 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	50 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	Mobile Sewage Treatment Plant	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	200
		Recycled	100
		Total	300
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	270	
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	We used all the treated water in our project only.	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	600 m3 of of collection sump is provided Area required for Rain water tank is 650Sqmt	
b.	No's of Ground water recharge pits	18nos	

17		Storm water management plan	We provided 600 m3 of of roof water collection sump and 18nos of recharge pits all along the project site. Provided pond of capacity 300 cum for collecting 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	520 kg/day converted in to organic manure and used for garden 43 kg/ hr 550 kg/day of capacity Space required is 15sqmt
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	780 kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	200-250 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	4120 KW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1500 KVA X 4 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	14.9% savings
20		PARKING	
	a.	Parking Requirement as per norms	862 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 ORR towards K R Puram (2 lanes SR) is B towards Silk Board (2 lanes SR) is B towards K R Puram (3 lanes MCW) is C &

		towards Silk Board (3 lanes MCW) is C
c.	Internal Road width (RoW)	8.0
21	CER Activities	For Developmental activities in near by Govt School / Hosptial
22	EMP • Construction phase • Operation Phase	 92.0 Lakhs 597.0 lakhs

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 residential hitech use as per RMP of BDA, for which Proponent informed that commercial use is permitted as per BDA bylaws.

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 there for the primary drain in south west, 50mtr buffer is provided from center of primary drain and for tertiary drain in north east, 25mtr buffer is provided from center of drain. For sensitive zone, Proponent informed that they had obtained sensitive zone clearance from BDA on 27.09.2021. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of capacity 600cum capacity for runoff from rooftop, hardscape and landscape areas along with 18number 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 250trees 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 600 cum capacity and 18recharge 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

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 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. *The PP shall grow trees during the construction phase itself.*
5. *The PP shall source external water from KGWA approved water sources.*
6. *The PP shall carry out community recharge of bore wells in the vicinity of the site*
7. *The PP shall grow 250 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna*

(Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].

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 Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.9. Residential Apartment Project at Sy.Nos. 84/1, 84/2, 84/3, 84/5 & 84/8 of Kengeri Village, Kengeri Hobli, Bengaluru South Taluk, Bengaluru Urban District by M/s. V2 Holdings Housing Development Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/448691/2023 (SEIAA 213 CON 2023)

M/s. V2 Holdings Housing Development Pvt. Ltd have proposed for construction of Residential Apartment Project on a plot area of 8,970.90 Sqm. The total built up area is 31,057.36 Sqm. The Proposed project comprising154 No. of residential unitsdistributed overBF+GF+10UF. Total water consumption is 122 KLD (Fresh water + Recycled water). The total wastewater generated is 110KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 125 KLD. The project cost is Rs. 87.78 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	Mr. P. L. Venkatarama Reddy Managing Director **M/s. V2 Holdings Housing Development Pvt. Ltd.,** 'Manish Mansion', No. 18, 4th Floor, 3rd Main, NR Colony, Bengaluru – 560 019.
2	Name & Location of the Project	**Development of "Residential Apartment" Project.** Sy. Nos. 84/1, 84/2, 84/3, 84/5 & 84/8, 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 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 been converted to residential purpose.
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Vrishabawathi River is running on Northern & southern side of the project boundary to which we have left 50 m buffer from centre of nala.
6	Plot Area (Sqm)	8,970.90 Sqm
7	Built Up area (Sqm)	31,057.36 Sqm
8	FAR • Permissible • Proposed	 2.25 2.249
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project comprising154 No. of residential unitsdistributed overBF+GF+10UFwith a maximum height of 34.95 m.
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	NA
11	Height Clearance	34.95 m (As per CCZM, the permissible height is 222 m AMSL and the height achieved for our proposed building is 34.95 m).
12	Project Cost (Rs. In Crores)	Rs. 87.78 Crores
13	Disposal of Demolition waster and or Excavated earth	Total Excavated earth quantity – 11,195m^3 For Backfilling – 3,146m^3 For Landscaping – 3,582 m^3 For Driveway & hardscape – 2,214 m^3 For site formation – 2,253 m^3
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	2,288.57Sqm

	b.	Kharab Land	--	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,581.82 Sqm	
	d.	Internal Roads	2,767.86Sqm	
	e.	Paved area		
	f.	Others Specify	332.65 Sqm - Service Ares	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
	h.	Total	8,970.90Sqm	
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	22KLD	
	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	81KLD
			Flushing	41KLD
			Total	122KLD
	b.	Source of water	BWSSB	
	c.	Wastewater generation in KLD	110 KLD	
	d.	STP capacity and area required	STP Capacity -125KLDand area 153 Sqm	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess 39 KLD 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	18 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 northern 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 -16 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	146kg/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	219kg/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:95 L/Annum (0.19 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	687 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	200 kVA – 2 Nos.
	c.	Details of Fuel used for DG Set	83.81 l/hr
	d.	Energy conservation plan	Cu. Wound transformer, Solar Lights, solar water

		and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	heater, LED,energy efficient PUE pumps etc. The overall energy savings is around 28 %			
20		PARKING				
	a.	Parking Requirement as per norms	210 ECS			
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road Dr. Vishnuvardhan Road	Towards	Existing	Changed
				Uttarahalli	C	C
				Mysore Road	C	C
	c.	Internal Road width (RoW)	15 m wide existing approachroad			
21		CER Activities	Development works in Mailasandra Lake			
22		EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 9.25Lakh Construction – 40.05 Lakh During Operation: Capital investment – 142.14Lakh Operation Investment – 20.0 Lakh/annum			

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 there for the primary drain in northern and southern sides, buffer of 50mtr is proposed for both the drainsfrom the center and there is existing public road in north. For sensitive zone, Proponent informed that they had obtained sensitive zone clearance from BDA on12.10.2023. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of capacity 150cum capacity for runoff from rooftop, hardscape and landscape areas along with 18 recharge pits within the project area.

Further the Committee informed the Proponent to provide smart metering for individual units for conservation of water and 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 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 150 cum capacity and 18recharge 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

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. *The PP shall source external water from KGWA approved water sources.*
6. *The PP shall carry 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, chumpaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)}.*
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.*
12. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.10. Residential Apartment Building Project at Sy.Nos.707, 709 & 710/2(P)(P1)(P2) & (P3) of Boloor Village, Mangalore City Corporation Limit, Dakshina Kannada District by M/s. Citadel Projects & Developers Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/445337/2023 (SEIAA 188 CON 2023)

M/s. Citadel Projects & Developers Pvt. Ltd have proposed for construction of Residential Apartment Building Project on a plot area of 3,122.19 sq.m The total built up area is 23,860.42 sq.m.. The proposed project consists of Construction of Residential Apartment Building comprising of 1 Building having 2 Basement Floor + Lower Ground

Floor + Ground Floor + 35 Upper Floors + Terrace Floor, with total 62 units. Total water consumption is 43.25 KLD (Fresh water + Recycled water). The total wastewater generated is 41.08 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 45 KLD. The project cost is Rs. 46.0Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	MR. RAMKUMAR BEKAL Director M/s. Citadel Projects & Developers Pvt. Ltd., Office at #003,"Sapphire", Bejai Church Road, Bejai, Mangaluru – 575 004.
2	Name & Location of the Project	Residential Apartment Building by M/s. Citadel Projects & Developers Pvt. Ltd., at Sy No. 707, 709 & 710/2(P)(P1)(P2) & (P3), Boloor Village, Mangalore City Corporation Limit, Dakshina Kannada Distric.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Proposed Construction of Residential Apartment Building; 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	Gurupura River – 0.89 Kms (W)
6	Plot Area (Sqm)	3,122.19 sq.m
7	Built Up area (Sqm)	23,860.42 sq.m.
8	FAR • Permissible • Proposed	2.10 2.00

9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Residential Apartment Building comprising of 1 Building, having 2 Basement Floor + Lower Ground Floor + Ground Floor + 35 Upper Floors + Terrace Floor, with total 62 units. The total site area is 3,122.19 sq.m. The BUA is 23,860.42 sq.m.
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	62 Units
11	Height Clearance	Site Elevation in AMSL : 20 Permissible top elevation in AMSL : 150 Difference in meters : 130 Height proposed : 129.0 m
12	Project Cost (Rs. In Crores)	Rs. 46.0 Cr.
13	Disposal of Demolition waster and or Excavated earth	Total quantity of Excavated earth (in cubic meter) – 16,831.13 For back filling for footings= 8,415.57 For Site filling = 2,522.08 For back filling for Retaining wall= 4520.79 For Landscape= 623.41 For Internal Road making = 749.28
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	579.48 sq.m (18.68 %)
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,023.51 sq.m (33.00%)
d.	Internal Roads	1,498.57 Sq.m (48.32%)
e.	Paved area	--
f.	Others Specify	--
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	3,101.56 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 phase will be treated in the Mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	29.30
			Recycled	13.95
			Total	43.25
	b.	Source of water	Mangaluru City Corporation	
	c.	Waste water generation in KLD	41.08 KLD	
	d.	STP capacity& Area required	45 KLD	
	e.	Technology employed for Treatment	SBR Technology	
	f.	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	31.0 cu.m.	
	b.	No's of Ground water recharge pits	3 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 and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	74.40 kg/day. Biodegradable waste will be converted in organic convertor.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	49.60 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	500 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X500 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 • Solar Pow • In non-monsoon season 60 kV • In monsoon season 40kWI • Total SPV Power Generation in a • Total Solar Energy utilization (Energy • Total energy
20	PARKING		
	a.	Parking Requirement as per norms	Parking Provided is 143 Ecs which is as Per NBC and MoEF Norms
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	PentlandPet Road –LOS – B
	c.	Internal Road width (RoW)	6.00 m
21	CER Activities		

Year	Corporate Environmental Responsibility (CER)
1st	Rain Water Harvesting in GHPS at Boloor Village
2nd	Providing solar power panels to GHPS at Boloor Village
3rd	Conducting E-waste drive campaigns in the Boloor Village
4th	Scientific support and awareness to local farmers to increase yield of crop and fodder
5th	Health camp in GHPS at Boloor Village

22	EMP • Construction phase	36.86 Lakhs Capital and 16.3 Lakh

	• Operation Phase	Recurring 49.23 Lakhs capital and 877 Lakh Recurring

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 Mangalore Urban Development Authority.

The Committee during appraisal sought details regarding provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that there they have proposed storage tank of 31cum capacity for runoff from rooftop, hardscape and landscape areas along with 03 recharge pits within the project area.With regard to existing building Proponent informed that the demolition debris of 539cum would be handled within the site area.

Further the Committee informed the Proponent to provide smart metering for individual units for conservation of water and 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 40trees 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 31 cum capacity and 03 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. *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.*
2. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
3. *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.*
4. *The PP shall explore the possibility of installing smart meter for water conservation.*
5. *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.*
6. *The PP shall grow 40 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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.*
11. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.11. Residential & Commercial Building Project at Sy.Nos. 67/2 & 67/3 of Bhogadi village Kasaba Hobli, Mysore Taluk, Mysore District by M/s Sowparnika Projects & Infrastructure Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/450190/2023 (SEIAA 182 CON 2023)

M/s. Sowparnika Projects & Infrastructure Pvt. Ltd. have proposed for construction of SOWPARNIKA LAND MARK Project on a plot area of 6424.30 Sqm. The total built up area is 22038.03 Sqm. The proposed project consists of 130 units 2 Towers + COMMERCIAL SPACE: Basement + Ground + 10 upper floors With 3 floors of commercial space. Total water consumption is 111.15 KLD (Fresh water + Recycled water). The total wastewater generated is 88.8 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 95 KLD. The project cost is Rs. 29.83 Crores.

Details of the project are as follows:

Sl.	PARTICULARS	INFORMATION Provided by PP	
1	Name & Address of the Project Proponent	Mr. S Sreenivasan, Director, M/s. Sowparnika Projects & Infrastructure Pvt. Ltd. No 750, 1st Main Road, 'C' Block AECS Layout, Kundalahalli, BANGALORE - 560037	
2	Name & Location of the Project	**" SOWPARNIKA LAND MARK "** Sy No.s 67/2 & 67/3 Bogadi village, Kasaba Hobli, Mysore Taluk, Mysore District, Karnataka	
		CENTER	N-12°18' 34.02" E-76° 35' 49.83"
		NORTH -EAST	N-12°18' 35.05" E-76° 35' 50.96"
		NORTH -WEST	N-12°18' 34.84" E-76°35" 48.39"
		SOUTH WEST	N-12°18' 33.31" E-76° 35' 47.18"
		SOUTH-EAST	N-12°18' 32.94" E-76° 35' 51.97"
3	Type of Development		
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	RESIDENTIALAPARTMENTS with COMMERCIAL SPACE Category 8(a) as per EIA Notification 2006	

b.	Residential Township/ Area Development Projects	Not applicable	
4	New/ Expansion/ Modification/ Renewal	NEW Construction started after obtaining the C F E from KSPCB for a BUA of 17708.54 vide PCB/01/CNP/17/ OB-156 dated 24/05/17. Subsequently An addendum was issued for extension dated 31/03/2022 with validity up to 25/3/24. The current stage of construction and the BUA is 13992.67 Sqmts < 17708.54 Sqmts. (certificate from Certified structural engineer is attached)	
5	Water Bodies/ Nalas in the vicinity of project site	Nala to the South of our site located at a distance of 122 mts from the edge of our site and Lake to south East on Sy No. 95 at a distance of 350 mts , the outer ring road passes bifurcating our project and the lake	
6	Plot Area (Sqm)	Plot area is 6424.30 With no Kharab land in our property. 422.10 Sq mts earmarked for road expansion.	
7	Built Up area (Sqm)	22038.03Sqm	
8	FAR • Permissible • Proposed	 2.75 2.74	
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Towers + COMMERCIAL SPACE Basement + Ground + 10 upper floors With 3 floors of commercial space in the front tower	
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	130 Apts 3BHK - 75 FLATS 2BHK - 55 FLATS Commercial space – 2954.79 Sq mts.	
11	Height Clearance	eight/top elevation is 1010.51 mts AMSL. Screen shot of the approval is attached for perusal from.	
12	Project Cost (Rs. In Crores)	29.83Crores	
13	Disposal of Demolition waster and or Excavated earth	Total Excavation -	11410.81 cum
		Backfill	2282.16c um
		Ramp/Driveways formation	5046.68 cum

		Top soil requirement for Landscaping	3304.36 cum
		Creation of mounds and undulating for landscaping	777.61 cum
		NO EXPORT OF SOIL FROM THE SITE	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	2000.63	
b.	Kharab Land	None	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2202.91 Sqm land earmarked for greenery details attached in landscape drawing, Working out to 34.29%	
d.	Internal Roads	1798.66	
e.	Paved area		
f.	Others Specify	Park & Open space	
		Civic amenities	
		Road widening area	422.10
		Entrance Road	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	Not applicable	
h.	Total	6424.30	
15	WATER		
I.	Construction Phase		
a.	Source of water	Water for Domestic use 10kl from KUWS &DB Treated water from 1 unit of 10 KLD mobile STP erected at site (Existing)	
b.	Quantity of water for Construction in KLD	8 KLD	
c.	Quantity of water for Domestic Purpose in KLD	10KLD from KUWS&DB letter of permission to supply water is attached	
d.	Waste water generation in KLD	9 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP set up in the project1 unit of 10 KLD, Treated water used for construction purpose and dust suppression, watering the greenery.	
II	Operational Phase		
	Total Requirement of Water in KLD	Fresh	31.15
		Recycled	80

		Total 111.15
b.	Source of water	KUWS& DB
c.	Waste water generation in KLD	88.8
d.	STP capacity	95 KLD & 165 SQM
e.	Technology employed for Treatment	S B R
f.	Scheme of disposal of excess treated water if any	ZERO DISCHARGE
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	2 x 75KL U G sumps for roof top rain, and 2 No.s of collection wells at discharge of Storm Drain of capacity 50 kl
b.	No's of Ground water recharge pits	12 No's Percolation pits and then the surplus is led into 2 no.s of 50 cum storm water collection well and the over flow to the public storm drain the deep wells also aids as a Buffer for Flash out flows
17	Storm water management plan	Peripheral drains of size 1m x 0.75 average deep leading to 2 no.s of 50 cum storm water collection well over flow to the public storm drain & also aids as a Buffer for Flash out flows
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Liquid waste will be treated in 1 unit of 10kl mobile STP provided & treated water will be used for construction. about 2% of construction wastes will be generated of which the Inert construction debris will be used for refilling works, used centring material will be sent to gram Panchayat collection agencies, steel bits and steel scrap will be sent to approve recyclers waste oil will be sent to approved recyclers.
II	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	216 Kgs/day Organic waste will be converted to organic fertilizer using 1 x 200 kg OWC at the project site
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	165.6kgs/day inorganic waste will be handed over to the Local authorities' door to door collection facility

c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	About 200 Litres of waste oil per year will be generated from standby DG sets. This will be stored in leak-proof sealed barrels and will be given to KSPCB authorized waste oil re-processors.
d.	Quantity of E waste generation and mode of Disposal as per norms	20 Kgs/Day will be given to KSPCB authorized re-processors. 14.4 Kgs of STP Sludge will be used for green belt development in the project site.
19	POWER	
a.	Total Power Requirement - Operational Phase	450KVA of power required is supplied by C E S C Transformer rating 2 X 250 KVA.
b.	Numbers of DG set & capacity in KVA for Standby Power Supply	D G sets 1x 250 kva
c.	Details of Fuel used for DG Set	Low sulphur content, High speed diesel will be used
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	CESC supply sanctioned load 450Kwatts the proponent's electrical engineer has considered about 20watts per Sqmts. Use of solar geysers numbering 60 of 100 lts capacity for top three floors. 175 lights and landscape lights. Timer control of façade lighting. Selection of light fixtures for interior as per table 7.3.1 Projections and North - South orientation, with fenestration and sun shades. **26 % OF SAVINGS**
20	PARKING	
a.	Parking Requirement as per norms	CAR PARKING 130 VISITOR PARKING 10 % = 13 Commercial Space Parking 49 PROVIDED 192
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	As per traffic Studies Under taken:- Road width measurement 45.00; as per IRC,with median and service road of 9 mts , Vehicle handling capacity with two lane divided two way trafficflow. The Level of service falls under "A" category and hence assumes a " EXCELLENT" rating

c.	Internal Road width (RoW)	8.0 m
21	CER Activities	a) Road improvement with intelligent signalling systems in 1st year on project start b) Government Schools - on completion of project c) Drinking water schemes @ Bogadi village Rs on second year of project start d) Primary health centres -after 3 years of project start e) Improvement to the storm drain - on successful completion of the project
22	EMP • Construction phase • Operation Phase	

FINANCIAL IMPLICATIONS TOWARDS EMP DURING CONSTRUCTION

	Capital	Recurring
Rental for 1 x 10 kl mobile Sewage Treatment Plant	12.00	--
Operation of Sewage Treatment P.A (Till the completion of the project)	--	6.50
Rain Water Harvesting Tanks and its facilities	12.00	1.50
Rain Water Recharging pits & its management	3.50	1.00
DG Maintenance	--	1.50
Landscaping, Top soil conservation	5.00	2.00
Solid Waste Management	2.00	1.00
Environment Monitoring Plan (Air, Noise, Water & Solid Waste)	2.00	2.00
Workers welfare	4.00	2.00
TOTAL	**40.5**	**17.50**

FINANCIAL IMPLICATIONS TOWARDS EMP DURING OPERATION PHASE

	Capital	Recurring
95 kl Sewage Treatment Plant	96.00	--

	Operation of Sewage Treatment P.A	---	24.00
	Rain Water Harvesting Tanks and its facilities	48.00	3.50
	Rain Water Recharging pits & its management	6.50	2.00
	DG Maintenance	--	9.00
	Landscaping, Top soil conservation	11.00	8.00
	Solid Waste Management	8.00	3.00
	Environment Monitoring Plan (Air, Noise, Water & Solid Waste)	5.00	4.00
	Workers welfare	6.00	4.50
	TOTAL	**180.50**	**58.00**

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 BUA is an ongoing construction prejectfrom BUA of 17,708.54Sqm to 22,038.035qm in plot area of 6,424.30Sqm. The Proponent informed that for the ongoing construction they had obtained sanction for the plan from Mysore Urban Development Authority on 24.01.2018 for BUA of 17,700.36Sqm in plot area of 6,424.30Sqm and CFE from KSPCB dated 31.03.2022and as per Architect certificate dated 17.08.2023 informed that BUA of 13,992.67Sqm has been constructed and presently the Proponent has planned for vertical expansion by adding additional BUA of 4,329.49Sqm and as the proposed BUA is crossing 20,000Sqm, they have applied for EC.

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 thatregarding the foot kharab in south west, the area is left as it is with no development, but not shown in the approved plan. For harvesting rain water, the Proponent has proposed 2x75cum capacity of sump for runoff from rooftop, landscape and paved areas in addition to 2x50cum recharge wells and 12 recharge pits within the site area.

The Proponent informed that they have made provisions to grow and maintain 60trees 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 2x75 cum capacity and 2x50cum recharge wells and 12 recharge pits.
2. To undertake additional plantation in the early stage 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. *The PP shall grow trees during the construction phase itself.*
6. *The PP shall source external water from KGWA approved water sources.*
7. *Proponent agreed to carry out community recharge of bore wells in the vicinity of the site*
8. *Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.*
9. *The PP shall grow indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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 Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.12. Residential Apartment "DS Max Sista Grand" Project at Sy.Nos.119/2, 3, 4 & 5 of Uttarahalli Village, Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru Urban District by M/s. DS Max Properties Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/424459/2023 (SEIAA 88 CON 2023)

M/s. DS Max Properties Pvt Ltd have proposed for construction of RESIDENTIAL APARTMENT "DS MAX SISTA GRAND" Project on a plot area of 12,949.83 Sqm The total built up area is 30,784.47 Sqm.. The proposed project consists of 220 No's Units BF+S+GF+3UF+TF. Total water consumption is 149 KLD (Fresh water + Recycled water). The total wastewater generated is 127 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 150 KLD. The project cost is Rs. 40 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. M. R. SHIVASHANKAR CHIKKERI Authorized Signatory M/s. DS Max Properties Pvt Ltd. BENGALURU.
2	Name & Location of the Project	RESIDENTIAL APARTMENT "DS MAX SISTA GRAND" at Sy Nos. 119/2, 119/3, 119/4 & 119/5, Uttarahalli Village, Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru Urban District, Karnataka
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	**Construction of Residential Apartment"DS MAX SISTA GRAND"** Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	Not Applicable
c.	Zoning Classification	Proposed project site comes under residential (main) zone as per Bangalore Revised Master Plan 2015 of 3.21 Anjanapura.
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Not Applicable
6	Plot Area (Sqm)	Total site area – 12,949.83 Sqm Area which is already under existing road - 3,965.89 Sqm

		Net site area for development – 8,983.94 Sqm
7	Built Up area (Sqm)	30,784.47 Sqm.
8	FAR • Permissible • Proposed	 2.50 2.04
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	BF+S+GF+3UF+TF – 14.40m
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	220 No's
11	Height Clearance	Project site elevation – 877 m Building Height – 14.40 m Maximum building height: 891.40 m
12	Project Cost (Rs. In Crores)	40 Crores.
13	Disposal of Demolition waste and or Excavated earth	NA
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	4,452.94 Sqm
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	2,964.70 Sqm
d.	Internal roads	1,566.30 Sqm
e.	Paved area	
f.	Others Specify	Area which is already under existing road – 3,965.89 Sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	--
h.	**Total**	12,949.83 Sqm
15	**WATER CONSUMPTION**	
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.	Wastewater 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	99 KLD
		Recycled	50 KLD
		Total	149 KLD
b.	Source of water	BWSSB	
c.	Wastewater generation in KLD	127 KLD	
d.	STP capacity	150 KLD	
e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology	
f.	Scheme of disposal of excess treated water if any	Available treated water – 120 KLD (95% of sewage water) For flushing –50 KLD For gardening – 18 KLD For Car washing – 9 KLD Other construction purpose - 43 KLD	
16	Infrastructure for Rainwater harvesting		
a.	Capacity of sump tank to store Roof run off	2x430 cum (2 Days Storage)	
b.	Nos of Ground water recharge pits	15 No's	
17	Storm water management plan	• Land is gently sloping terrain and sloping towards North-east 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 – 198 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 10.95 kg/day will be reused as manure for greenery development purposes.	
b.	Quantity of Non- Biodegradable waste generation and mode of	Quantity – 297kg/day Recyclable waste will be given to the waste	

	Disposal as per norms	collectors for recycling for further processing.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil of 108.27 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 – 800 kVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	20 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, Copper wound transformer are proposed in the project -15%.
20	**PARKING**	
a.	Parking Requirement as per norms	289 ECS
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Towards NICE road Towards Thurahalli
c.	Internal Road width (RoW)	0.5 m
21	CER Activities	• Rejuvenation of Subramanya lake – 1.4 Km (SE) by implementing stone pitching and plantation around the lake
22	EMP • Construction phase • Operation Phase	Construction phase – 22 lakhs. Operational Phase – 278 lakhs.

The subject was discussed in the SEAC meeting, held on 6th and 7th November 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 apartment project in an area earmarked for residential use as per RMP of BDA.

The Committee during appraisal sought details about the project area with respect to RMP of BDA and rain water harvesting measures in the proposed area. The Proponent informed the Committee thatthe existing site does nottally with the RMP of BDA, for which they had sought clarification from Town Planning Department and have obtained a development plan from Town Planning Department on 11.10.2023, demarcating the existing road details and have proposed the same plan for Environmental Clearance. With regard to

rain water, the Proponent has informed the Committee that they had proposed storage tank of 2x430cum 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 200trees 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 capacity2x430cum and 10recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to source external water from KCWA 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 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. *The PP shall source external water from KGWA approved water sources.*
6. *The PP shall provide free public access in kharab area.*
7. *The PP shall grow 200 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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.*
12. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.13. Residential Villas and Club House project at Sy.Nos.9/9, 9/10, 9/12, 9/13, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 16/4, 16/5, 16/6, 16/7 & 17/2(p) of Sadaramangala Village, K.R.Puram Hobli, Bangalore East Taluk, Bangalore by M/s. Sai Purvi Properties – Online Proposal No.SIA/KA/INFRA2/446123/2023 (SEIAA 195 CON 2023)

M/s. SAI PURVI PROPERTIES have proposed for construction of Residential Villas and Club House project on a plot area of 30,224.71 Sqm.. The total built up area is 37,653.60 qm. The proposed project consists of 92 nos. Building Configuration of 1 and 15 Wing – G+2 UF and Clubhouse 1is B+G+4UF and Clubhouse 2is B+G+3 UF. Total water consumption is 75 KLD (Fresh water + Recycled water). The total wastewater generated is 70 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 70 KLD. The project cost is Rs. 90 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	**M/s. SAI PURVI PROPERTIES** Sy No 245/4, Gunjur Main Raod, Gunjur Village, VarthurHobali, Bangalore East TalukBangalore- 560087
2	Name & Location of the Project	Residential Villas and Club House project,at Sy Nos. 9/9,9/10,9/12,9/13,12/2,12/3,12/4,12/5,12/6,12/7,12/8,12/9,12/10,16/4,16/5,16/6,16/7 &17/2(p) of Sadaramangala Village, K.R.PuramHobli, Bangalore East Taluk, Bangalore.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Villas 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	Tertiary nala in the western side, Secondary nala on Northern side and another Tertiary nala in the Southern side
6	Plot Area (Sqm)	30,224.71 Sqm.

7	Built Up area (Sqm)	37,653.60 Sqm
8	FAR • Permissible • Proposed	 2.0 0.943
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building Configuration of 1 and 15 Wing – G+2 UF and Clubhouse 1is B+G+4UF and Clubhouse 2is B+G+3 UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	92 nos.
11	Height Clearance	Building Height is Less than 15 mts so Height clearance is not applicable
12	Project Cost (Rs. In Crores)	90cr
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	11637.11 Sqm
b.	Kharab Land	Karab area is 1972.82 sqm,
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	8370 Sqm
d.	Internal Roads	7892.89 Sqm
e.	Paved area	
f.	Others Specify	Road Widening area is 232.84 sqm, Area under existing road is 118.59 sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	30,224.71 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
c.	Quantity of water for Domestic Purpose in KLD	5
d.	Waste water generation in KLD	4
e.	Treatment facility proposed and scheme of disposal of treated	Mobile sewage Treatment Plant

	water		
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh Recycled Total	55 20 75
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	70	
d.	STP capacity	70 KLD	
e.	Technology employed for Treatment	SBR Technology, Area required for STP is 80Sqmt	
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	250 m3 of 4 nos collection sump is provided Area required for Rain water tank is 1100Sqmt	
b.	No's of Ground water recharge pits	15 nos	
17	Storm water management plan	We provided 250 m3 of 4 nosof roof water collection sump and 15nos 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	124 kg/day converted in to organic manure and used for garden 6 kg/ hr 150 kg/day of capacity Space required is 10sqmt	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	83 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	

	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 for utilization of solar energy as per ECBC 2007	21.3% savings
20	PARKING		
	a.	Parking Requirement as per norms	206 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 SH-35 towards Whitefield is B towards OMR/NH-75 is B
	c.	Internal Road width (RoW)	8.0
21	CER Activities		To provide infrastructure development of nearby Govt School/Hospital To take up drain strengthening works
22	EMP • Construction phase • Operation Phase		83.2 Lakhs 328 Lakhs

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 villa project in an area earmarked for residential and transporation use as per RMP of BDA, for which Proponent informed that they have obtained conversion of land to residential use from DC and change of land use to residential from BDA on 15.03.2023.

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 they have obtained reroute order from DC on 26.06.2023 for rerouting of drains and accordingly for the rerouted secondary drain, 25mtr buffer is proposed from the center of drain and for the two number of tertiary drains, buffer of 15mtr 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 4x250cum capacity for runoff from rooftop, hardscape and landscape areas along with 15number of recharge pits within the project area.

Further the Committee informed the Proponent to provide smart water meters for individual units and 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 350 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 rain water storage tank of 4x250cum capacity and 15recharge pits.
2. To grow trees and also carry out additional plantation in buffer areas 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 obtain necessary permission to construct culver/bridge on drains

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 CLR 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. *The PP shall source external water from KGWA approved water sources.*
6. *The PP shall grow 350 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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.*
11. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.14. Residential and Commercial Development Project at R.S. Nos.57/3B1(P), 57/11B(P) & 57/2(P) of Boloor Village, Mangaluru Taluk, Dakshina Kannada District by M/s. Unnathi Estates & Others – Online Proposal No.SIA/KA/INFRA2/441488/2023 (SEIAA 196 CON 2023)

M/s. Unnathi Estates & Others have proposed for Proposed Residential Project - 'SKY GARDEN' and commercial Projects 'BUSINESS BAY' & 'BUSINESS PARK' Project on a plot area of 3,930.44 Sqm. The total built up area is 41,445.63 sq m. The proposed project consists of Residential Building 'Sky garden': Lower Basement + Upper Basement + Lower Ground + Upper Ground + 29 Floors & Covered Terrace, Commercial Building - 1 'Business Bay': Lower Basement + Upper Basement + Lower Ground + Upper Ground + Mezzanine + 11 Floors & Terrace, Commercial Building-2 'Business Park': Lower Ground + Upper Ground + Mezzanine + 3 Floors + Terrace. Total water consumption is 190 KLD (Fresh water + Recycled water). The total wastewater generated is 155 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 190 KLD. The project cost is Rs. 61.55 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Name: Mr. Prashanth K. Sanil(Managing Partner) Address: 72/2, Ground Floor, Railway parallel road, KumaraparkWest Bangalore
2	Name & Location of the Project	Name: Proposed Residential Project - 'SKY GARDEN' and commercial Projects 'BUSINESS BAY' & 'BUSINESS PARK' Location: At R.Sy. No. 57/3B1(P), 57/11B(P) & 57/2(P)
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Mix development Project (1 Residential Building with 84 No. of Residential Units + 2 Commercial Buildings) Category 8(a) Building and Construction Projects as per EIA Notification, 2006
b.	Residential Township/ Area Development Projects	Not applicable
c.	Zoning Classification	Residential and Commercial

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	3,930.44
7	Built Up area (Sqm)	41,445.63
8	FAR • Permissible • Proposed	 5.80 5.75
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	• Residential Building 'Sky garden': Lower Basement + Upper Basement + Lower Ground + Upper Ground + 29 Floors & Covered Terrace • Commercial Building - 1 'Business Bay': Lower Basement + Upper Basement + Lower Ground + Upper Ground + Mezzanine + 11 Floors & Terrace • Commercial Building-2 'Business Park': Lower Ground + Upper Ground + Mezzanine + 3 Floors + Terrace
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	Not applicable
11	Height Clearance	Proposed Height: 104.65 m Permissible Height: 150 m
12	Project Cost (Rs. In Crores)	Rs. 61.55 Cr.
13	Disposal of Demolition waste and or Excavated earth	Excavated earth of approx. 3920 cu.m and Demolition waste of 18.54 cu.m and will be reutilized for landscaping and construction of internal roads within the premises
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	1350.21 sq.m
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	596sq.m
d.	Internal Roads	1,984.23sq.m
e.	Paved area	
f.	Others Specify	--

Sl. No		PARTICULARS	INFORMATION PROVIDED BY PP	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	3,930.44sq.m	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	2 Open wells at the site	
	b.	Quantity of water for Construction in KLD	45	
	c.	Quantity of water for Domestic Purposes in KLD	4.5	
	d.	Wastewater generation in KLD	3.6	
	e.	Treatment facility proposed and scheme of disposal of treated water	Temporary sanitary facilities for construction labours will be provided. Wastewater will be disposed off in the UGD line of MCC	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	127
			Recycled	63
			Total	190
	b.	Source of water	Mangalore Municipal Corporation (MCC)	
	c.	Wastewater generation in KLD	155kld	
	d.	STP capacity	190kld	
	e.	Technology employed for Treatment	SBR Technology	
	f.	Scheme of disposal of excess treated water if any	77kldof excess treated water will be disposed of in UGD line of MCCavailable at site.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	A Sump tank of 70 cu.m	
	b.	No's of Ground water recharge pits	25 RWH pits	
17		Storm water management plan	To avoid the loss of soil during monsoon, major construction activities will be avoided during rainy season. Water accumulated on the soil dump will be locally drained in the perimeter drain using small capacity pumps after particulate settlement. All potential contaminants such as lime, paints, whitewashes, shuttering lining, grease, oil, solvents, etc. will be decanted/ handled on the impervious PCC floor of the	

Sl. No		PARTICULARS	INFORMATION PROVIDED BY PP
			construction the warehouse. The warehouse will be closed type with no chance of rainwater meeting the material.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	▪ Domestic Waste(10 kg/day) – Biodegradable waste will be composted and rest shall be sent to MSW site. ▪ Demolition and ConstructionWaste – Approx. 14.85 cu.mC&D waste shall be segregated and reused within the Project siteto the extent possible and the rest will be sold to recyclers (Proper facility for storage of construction wastes will be made at Project site). ▪ Plastic waste – to be sold to recyclers.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	175 kg/day - After segregation, biodegradable waste shall be composted in an Organic Waste Convertor (OWC) depending up on the requirement for horticulture and will be sent to Common MSW Management Facility
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	102 kg/day - Recyclable waste shall be sold to recyclers. Non-biodegradable (101 kg/day) will be sent to Common Solid Waste Management Facility.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Negligible. Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	Negligible. E waste will be stored at a designated place and sold to registered recyclers.
19		POWER	
	a.	Total Power Requirement - Operational Phase	775 KW from MESCOM

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Total 2 DG sets (1 DG set of 630 kVA + 1 DG set of 500 kVA)
c.	Details of Fuel used for DG Set	HSD – 1130 l/hr
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	▪ Solar panels on the roof tops (Solar power generation: Approx. 69kW power). ▪ Sound design of buildings for maximum natural ventilation, illumination and insolation. ▪ Lighting controllers like dimmer and occupancy sensors are also proposed to conserve energy during non-occupancy. ▪ Use of energy efficient motors and transformers and lights ▪ 24% of Energy savings due to energy saving measures
20	PARKING	
a.	Parking Requirement as per norms	Required - 245 ECS Provided - 257 ECS + 135 Two Wheelers
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	C&D
c.	Internal Road width (RoW)	6m
21	CER Activities	

No	Year	Activities
1.	2024-2025	Software &Hardware for Building License Automation for Mangalore City Corporation (MCC)
2.	2025-2026	

22	EMP • Construction phase	Construction Phase

Sr. No.	EMP Aspect	Approx. Cost (Rupees in Lakhs)
1.	Barricades/dust barriers all-round the	14.0

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP		
			site	
		2.	Sprinkling of water (non-rainy season)	15.0
		3.	Labour Management - first aid centre, safety measures, sanitation, amenities (through Construction Contractors)	25.0
	▪ Operation Phase	4.	Environmental Monitoring - Air, Water, Noise	4.0
			Total	**58.0**
		Operation Phase		

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP			
		Sr. No.	EMP Aspect	Approx. Budgeted Capital cost (In Lakh Rupees)	Approx. Budgeted Operating Cost (In Lakh Rupees)
		1.	STP and Grey Water Recycling	60.0	9.0
		2.	Greenbelt and other landscape development	17.0	12.0
		3.	Storm water drain and Rainwater Harvesting System	15.0	3.0
		4.	Environmental Monitoring	-	4.0
		5.	EHS Management Cell	4.0	4.0
		6.	Solid Waste Management	15.0	2.5
		7.	Energy conservation	85.0	13.0
		8.	CER	60.0	-
		Total		**256.0**	**47.5**

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 residentialand commercial building project in an area earmarked for residential& commerical use as per Mangalore local planning Authority.

The Committee during appraisal sought details regarding provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that they have proposed a storage tank of capacity 70cum capacity for runoff from rooftop, hardscape and landscape areas along with 25recharge pits within the project area.

Further the Committee informed the Proponent to provide smart metering for individual units for conservation of water and 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 51 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 rain water storage tank of 70 cum capacity 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. *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.*
2. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
3. *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.*
4. *The PP shall explore the possibility of installing smart meter for water conservation.*
5. *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. *The PP shall grow trees during the construction phase itself.*
6. *The PP shall source external water from KGWA approved water sources.*
7. *The PP shall grow 51 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Saampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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.*
12. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.15. Residential Apartment Project at Sy.No.144 of Dandupalya Village, Kasaba Hobli, Hoskote Taluk, Bangalore Rural District by M/s. Sanjeevini Projects – Online Proposal No.SIA/KA/INFRA2/446362/2023 (SEIAA 197 CON 2023)

M/S. Sanjeevini Projects have proposed for construction of Residential Apartment Project on a plot area of 9611.20 Sqm. . The total built up area is 33,109.65 Sqmt. The proposed project consists of 224 nos Tower: B+G+14 UF Club House :GF+2UF Total water

consumption is 170 KLD (Fresh water + Recycled water). The total wastewater generated is 155 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 160 KLD. The project cost is Rs. 70 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	**M/S. Sanjeevini Projects,** No 8, TI, Friends Nest Whitefield, Bangalore-560066
2	Name & Location of the Project	Sy. No. 144, Of Dandupalya Village, Kasabahobli,Hoskote Taluk, Bangalore Rural 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
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Water body in northern side of the plot
6	Plot Area (Sqm)	9611.20 Sqm.
7	Built Up area (Sqm)	33,109.65 Sqmt
8	FAR • Permissible • Proposed	 2.5 2.498
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower: B+G+14 UF Club House :GF+2UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	224 nos
11	Height Clearance	HAL airport is more than 18 km from the project site
12	Project Cost (Rs. In Crores)	70 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	2414.64 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	2630.5 Sqm		
d.	Internal Roads	3723.48 Sqm		
e.	Paved area			
f.	Others Specify	Road Widening Area is 842.58 sqm		
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA		
h.	Total	9,611.20 Sqm		
15	WATER			
I.	Construction Phase			
a.	Source of water	BWSSB STP treated water/Near by STP treated water		
b.	Quantity of water for Construction in KLD	25		
c.	Quantity of water for Domestic Purpose in KLD	5		
d.	Waste water generation in KLD	4		
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	120	
		Recycled	50	
		Total	170	
b.	Source of water	Grampanchyath		
c.	Waste water generation in KLD	155		
d.	STP capacity	160 KLD		
e.	Technology employed for Treatment	SBR Technology, Area required for STP is 160Sqmt		
f.	Scheme of disposal of excess treated water if any	Excess 64 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	Rain Water Collection Sump Capacity		

		Roof run off	Provided 200 Cum for collection tank will be provided. Area required for Rain water tank is 210Sqmt
	b.	No's of Ground water recharge pits	10nos
17		Storm water management plan	200 Cum for roof water collection sump and 10 Nos. of recharge pits all along the project site Provided 300 cum of pond for collecting the Excess surface rain water.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to Hoskote Municipal authorities
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	504 kg/day converted in to organic manure and used for garden 21 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	202 kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	100-120 lts given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	50 kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	1038
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	225 kVA X 2 No
	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	22.8% savings
20		PARKING	

	a.	Parking Requirement as per norms	260 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 OMR towards KR Puram MCW is D towards KR Puram SR is B towards Halasahalli MCW is D towards Halasahalli SR is B
	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	 66 Lakhs 243Lakhs

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 apartment project in an area earmarked for residential use as per Hoskote Planning Authority.

The Committee during appraisal sought details regarding water body and drain as per village map and rain water harvesting measures in the proposed area. The Proponent informed the Committee that for the water body in the northern side of the plot area, 30mtr buffer is proposed from the edge of water body and regarding the water body in the south, National Highways had acquired the land for road widening project. For the tertiary drain inside the plot area, Proponent informed that the total extent of the proposed survey number is 2-36Acres, out of which National Highway had acquired 21Guntas of land and for the remaning 2-15Acres, the Proponent had obtained conversion of land for residential use from DC and justified that tertiary drain as per village map is not in records and hence no kharab area is left out in the proposed project. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of 200cum capacity for runoff from rooftop and 300cum for runoff from hardscape and landscape areas along with 10 recharge pits within the project area.

Further the Committee informed the Proponent to provide smart water meters for individual units and 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 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 200cum capacity and pond of 300cum and 10recharge pits.
2. To grow trees and also carry out additional plantation in buffer areas 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 obtain necessary permission to construct culvert/bridge on drains
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. *The PP shall grow trees during the construction phase itself.*
5. *The PP shall source external water from KGWA approved water sources.*
6. *The PP shall carry out community recharge of bore wells in the vicinity of the site*
7. *The PP shall obtain necessary permission to construct culvert/bridge on drains*
8. *The PP shall construct lead of drains till the natural drains/water body for handling excess water.*
9. *The PP shall retain peripheral trees.*
10. *The PP shall grow 110 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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 Authority will not be responsible for the issues arising during the operational phase from the project surroundings.

246.1.16. Residential cum Commercial Building with Club House Project at Sy.No's.188/1 (Old No. 188), 188/2(Old No. 188), 188/3(Old No.188), 189/2, 189/3(Old No.189/1), 189/4 (Old No.189/1), 189/5(Old No.189/1), 189/6 (Old No.189/1), 190/2, 190/3 (Old No. 190/1), 190/4 (Old No. 190/1), 190/5 (Old No.190/1), 190/6(Old No. 190/1), 190/7 (Old No.190/1), 191/2(Old No.191), 191/3(Old No.191), 191/4 (Old No.191) & 193 of Kaggalipura Village, Uttarahalli Hobli, Bengaluru South Taluk, Bengaluru by M/s. Bren Corporation Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/445996/2023 (SEIAA 191 CON 2023)

M/s. Bren Corporation Pvt Ltd have proposed for construction of Residential cum Commercial Building with Club House Project on a plot area of 19,876.60 sq. m. The total built up area is 78,192.18 Sq m. The proposed project consists of 330 units 5 Blocks (Wing A, B & C, Amenity Block and Commercial Block), Wing A = Basement + Ground Floor + 23 Upper Floors+ Terrace, Wing B = Basement + Ground Floor + 23 Upper Floors+ Terrace, Wing C = Basement + Ground Floor + 23 Upper Floors+ Terrace, Amenity Block = Basement + Ground Floor + 5 Upper + Terrace, Commercial Block = Basement + Ground Floor + 2 Upper Floors+ Terrace. Total water consumption is 266 KLD (Fresh water + Recycled water). The total wastewater generated is 239 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 300 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	**Sri. Amit P Vernekar - Chief operating officer** **M/s. Bren Corporation Pvt Ltd** No. 3 , Prestige Sterling Square, 4thfloor,Madras Bank Road Division, Ashok Nagar,Bengaluru - 01
2	Name & Location of the Project	Sy. No's. 188/1 (Old No. 188), 188/2(Old No. 188), 188/3(Old No. 188), 189/2, 189/3(Old No. 189/1), 189/4(Old No. 189/1), 189/5(Old No. 189/1), 189/6(Old No. 189/1), 190/2, 190/3(Old No. 190/1), 190/4(Old No. 190/1), 190/5(Old No. 190/1), 190/6(Old No. 190/1), 190/7(Old No. 190/1), 191/2(Old No. 191), 191/3(Old No. 191), 191/4(Old No. 191) & 193 of

		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 cum Commercial Building with Club House Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
c	Zoning Classification	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	1. There is a nala on western side of the project site for which proposed to leave 9 m buffer from boundary of nala as per Kanakapura Planning Authority 2. There is a field natural drain on Northen side of the project site for which proposed to leave3 m buffer from boundary of nala as per Kanakapura Planning Authority
6	Plot Area (Sqm)	19,876.60 sq. m
7	Built Up area (Sqm)	78,192.18 Sq m
8	FAR • Permissible • Proposed	 2.75 2.745
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3 Blocks (Wing A, B & C, Amenity Block and Commercial Block) Wing A = Basement + Ground Floor + 23 Upper Floors+ Terrace Wing B = Basement + Ground Floor + 23 Upper Floors+ Terrace Wing C = Basement + Ground Floor + 23 Upper Floors+ Terrace Amenity Block = Basement + Ground Floor + 5 Upper + Terrace Commercial Block = Basement + Ground Floor + 2 Upper Floors+ Terrace

10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	330 units
11	Height Clearance	Proposed Site elevation - 772 m AMSL Height of the Building - 84.35 m Proposed elevation - 856.35 m AMSL As per CCZM, permissible Elevation - 1065 m AMSL
12	Project Cost (Rs. In Crores)	Rs. 120 Cr.
13	Disposal of Demolition waster and or Excavated earth	**Demolition Waste:** Not Applicable **Excavated Earth:** Quantity of Earth Work Excavation : 21,768.0 cum Backfilling with available earth : 5,442.0 cum Top soil requirement for landscape development on natural earth: 3,601.0 cum Earth used for formation of internal roads : 2,004.0 cum Excavated earth of used for site levelling within the site: 10,721.0 cum
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	7256.27 Sq m
b.	NalaArea	440.82 Sq m
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	7203 Sq m
d.	Internal Roads	4007.69Sq. m
e.	Paved area	
f.	Others Specify • Civic Amenity area	968.82 Sq m
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
h.	Total	19,876.60 Sq m
15	WATER	
1.	Construction Phase	
a.	Source of water	Treated Sewage
b.	Quantity of water for	20 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	Proposed to dispose the domestic sewage to mobile STP located within the site premises	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	183 KLD
		Recycled	83 KLD
		Total	266 KLD
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	239 KLD	
d.	STP capacity & Area required	300 KLD& 120 Sq m	
e.	Technology employed for Treatment	SBR	
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	200 cum	
b.	No's of Ground water recharge pits	25 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 Wastes generated during construction phase will be handed over to authorized vendors	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	418 kgs/day of organic waste will be treated in Organic convertor of capacity 40 Kg/hr	
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	627 kgs/day of inorganic waste will be given to authorized vendors	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Hazardous Wastes generated during Operational phase will be handed over to authorized 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 1835 KVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 No's of capacity 1250 KVA and 1 No of capacity 250 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	Total savings of 14.6 %
20	PARKING	
a.	Parking Requirement as per norms	442 No's
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS - C
c.	Internal Road width (RoW)	24 mtr
21	CER Activities	To improvement of storm water drainage systems, road development & avenue plantation nearby our project site To adopt and rejuvenate neary by water body
22	EMP • Construction phase • Operation Phase	Construction phase -15.80 Lakhs Operation Phase - 31.00 Lakhs

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 and commercial building project in an area earmarked for residential use as per Kanakapura Planning Authority, for which the Proponent informed that the proposed land use is permitted as per the zoning regualtions.

The Committee during appraisal sought details regarding drain as per village map and rain water harvesting provisions proposed in the project. The Proponent informed the Committee that for the primary drain in south west and in western side, they have proposed buffer of 9mts from edge of the drain and for harvesting rain water, Proponent informed that they haveproposed storage tank of 200cumcapacity for runoff from rooftop, hardscape and landscape areas in addition to 25 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units and 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 250 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 200 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. 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. *The PP shall grow trees during the construction phase itself.*
6. *The PP shall source external water from KGWA approved water sources.*
7. *The PP shall carry out community recharge of bore wells in the vicinity of the site*
8. *The PP shall construct lead of drains till the natural drains/water body for handling excess water.*
9. *The PP shall grow 250 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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 Authority will not be responsible for the issues arising during the operational phase from the project surroundings.

246.1.17. Residential Development Project at Sy.Nos.193, 194, 192/1, 192/2, 195/1, 195/2, 197/1, 197/2, 196 of Koraluru Village and 20/1 of Appajipura Village, Kasaba Hobli, Hoskote Taluk, Bangalore Rural District by M/s. Nirvana Developers – Online Proposal No.SIA/KA/INFRA2/447543/2023 (SEIAA 207 CON 2023)

M/s. NIRVANA DEVELOPERS have proposed for Development of Residential Development project on a plot area of 52,229.31 Sqmt. The total built up area is 55,185.75 Sqmt. The proposed project consists of 150 nos. Building Configuration- G+2UF. 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 95 KLD. The project cost is Rs. 100 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	M/s. NIRVANA DEVELOPERS, No. 206, 2nd Floor, Barton Centre, M. G. Road, Bangalore- 560 001.
2	Name & Location of the Project	Development of Residential Development project, at Sy. Nos.193,194,192/1,192/2,195/1,195/2,197/1,197/2,196 of Koraluru Village, 20/1 of Appajipura Village, KasabaHobli, Hoskote Taluk,Bangalore Rural District
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Development 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)	52,229.31 Sqmt
7	Built Up area (Sqm)	55,185.75 Sqmt

8	FAR • Permissible • Proposed	 2.5 1.06
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building Configuration– G+2 UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	150 nos.
11	Height Clearance	Low rise building
12	Project Cost (Rs. In Crores)	Rs. 100 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	22,819.50 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	7178.21 Sqm
d.	Internal Roads	17008.94 Sqm
e.	Paved area	
f.	Others Specify	CA area is 2611.34 sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	52,229.31 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
c.	Quantity of water for Domestic Purpose in	5

	KLD		
d.	Waste water generation in KLD	4	
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
		Recycled	35
		Total	105
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	95 KLD	
d.	STP capacity	95 KLD	
e.	Technology employed for Treatment	SBR Technology, Area required for STP is 100Sqmt	
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	950 m3 of collection sump is provided Area required for Rain water tank is 1000Sqmt	
b.	No's of Ground water recharge pits	20nos.	
17	Storm water management plan	We provided 950 m3 roof water collection sump and 15nos. of recharge pits all along the project site, We Provided pond capacity 300 cum for collection of 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	202kg/day converted in to organic manure and used for garden 10kg/ hr 250 kg/day of capacity Space required is 10sqmt	
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	135 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	994
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	250 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	22.0% savings
20		PARKING	
	a.	Parking Requirement as per norms	165 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/NH-207 towards Hoskote is C and towards Hope Farm is B
	c.	Internal Road width (RoW)	8.0
21		CER Activities	To provide development of nearby Govt School.
22		EMP • Construction phase • Operation Phase	80 Lakhs 355 Lakhs

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 residentialproject in an area earmarked for industrial use as per Hoskote Planning Authority, for which the Proponent informed that they had

obtained change of land use for residential use from Satellite Town Ring Road Planning Authority.

The Committee during appraisal sought details regarding cart track road as per village map and railway line and rain water harvesting provisions proposed in the project. The Proponent informed the Committee that for the area indicated as cart track in village map, there is no kharab area as per RTC, hence justified for not leaving kharab area and informed that 30mtr buffer is provided for the railway line in northern side from the project boundary. For harvesting rain water, Proponent informed that they haveproposed storage tank of 950cumcapacity for runoff from rooftop and a pond of 300cum capacity for runoff from hardscape and landscape areas in addition to 20 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 650trees 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 950cum and pond of 300cum and 20 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. *The PP shall grow trees during the construction phase itself.*
5. *The PP shall source external water from KGWA approved water sources.*
6. *The PP shall carry out community recharge of bore wells in the vicinity of the site*
7. *The PP shall construct lead of drains till the natural drains/water body for handling excess water.*
8. *The PP shall grow 650 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
9. *The PP shall ensure that the LC 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 Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.18. Residential Group Housing (Residential Apartment) Development Plan Project at Sy.Nos.83, 84, 85, 86, 88, 89 & 91 of Meenakunte Village, Jala Hobli, Yelahanka Taluk, Bangalore Urban District & Sy.Nos.174, 175, 177, 178, 179, 180, 181, 182, 183, 186, 188, 198, 199, 203 & 204 of Tarabanahalli Village, Jala Hobli, Yelahanka Taluk, Bangalore Urban District by M/s. Iconica Developers Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/446553/2023 (SEIAA 201 CON 2023)

M/s. Iconica Developers Private Limited have proposed for construction of Proposed Residential Group Housing (Residential Apartment) Development Plan Project on a plot area of 39,253.96 sq.m. The total built up area is 71,086.22 sq.m.. The proposed project consists of -Construction of Residential Group Housing (Residential Apartment) Development Plan comprising of 2 Buildings, Building No. 03 having 2 Basement Floors + Ground Floor + 14 Upper Floors + Terrace Floor and Building No. 05 (Club House) (Commercial) having 2 Basement Floors + Ground Floor + 3 Upper Floors + Terrace Floor with total 378 units. Total water consumption is 297 KLD (Fresh water + Recycled water). The total wastewater generated is 268 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 270 KLD. The project cost is Rs. 180 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. K L Santosh, Director M/s. Iconica Developers Private Limited, Office at No. 5AC-510, HRBR Layout 2nd Block, Kalyan Nagar, Outer Ring Road,Bangalore–

		560043,
2	Name & Location of the Project	Proposed Residential Group Housing (Residential Apartment) Development Plan by M/s. Iconica Developers Private Limited, at Sy No. 83, 84, 85, 86, 88, 89 & 91 of Meenakunte Village, Jala Hobli, Yelahanka Taluk, Bangalore Urban District & Sy No. 174, 175, 177, 178, 179, 180, 181, 182, 183, 186, 188, 198, 199, 203 &204 of Tarabanahalli Village, Jala Hobli, Yelahanka Taluk, Bangalore Urban District.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Proposed Residential Group Housing (Residential Apartment) Development Plan Category 8(a) as per EIA Notification 2006.
b.	Residential Township/ Area Development Projects	NA
c	Zoning Classification	Public / semi – public
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Nala is 45.0 m away from the site. Tarabanahalli Lake - 1.43 Kms (SW) Dodajala Lake - 1.40 Kms (SE)
6	Plot Area (Sqm)	39,253.96 sq.m
7	Built Up area (Sqm)	71,086.22 sq.m.
8	FAR • Permissible • Proposed	 2.5 1.3
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Residential Group Housing (Residential Apartment) Development Plan comprising of 2 Buildings, Building No. 03 having 2 Basement Floors + Ground Floor + 14 Upper Floors + Terrace Floor and Building No. 05 (Club House) (Commercial) having 2 Basement Floors + Ground Floor + 3 Upper Floors + Terrace Floor with total 378 units.
10	Number of units/plots in case of Construction/Residential Township/Area Development	378 Units

	Projects		
11	Height Clearance	Site Elevation in AMSL : 889 Permissible top elevation in AMSL : 935 Difference in meters : 46.0 Height proposed : 44.95 m	
12	Project Cost (Rs. In Crores)	Rs. 180.0 Cr.	
13	Disposal of Demolition waster and or Excavated earth	Total quantity of Excavated earth (in cubic meter) – 85,000 For Back Filling in foundation= 12,750.00 For landscaping, = 25,500.0 For Roads formation – 17,000.0 For External Development= 29,750.0	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	3,633.55 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	7,850.97 sq.m	
d.	Internal Roads	27,769.44 Sq.m	
e.	Paved area	--	
f.	Others Specify	--	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
h.	Total	39,253.96 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 phase will be treated in the Mobile STP	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	197.0
		Recycled	100.0
		Total	297.0
b.	Source of water	Gram Panchyat	

	c.	Waste water generation in KLD	268.0 KLD
	d.	STP capacity& Area required	270 KLD
	e.	Technology employed for Treatment	SBR Technology
	f.	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	155.0 cu.m.
	b.	No's of Ground water recharge pits	8 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 and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	421.0 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	630.0 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 will be very less
19		POWER	
	a.	Total Power Requirement - Operational Phase	2233 kVA

b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 x 630 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	(see table below) • Total energy savings = 22.95%

Sl NO	Description	SAVING With Dy wound Transformer	With Solar Heater	With Solar Lighting	with High Efficiency Pumps	With LED	Total Consumption	Total Saving
1	Savings in lakh Kwh units	1.87	2.80	0.21	4.05	5.97	64.52	
2	Savings in percentage	2.88	4.32	0.32	6.22	9.21		22.95

• Total energy savings = 22.95%

20	PARKING	
a.	Parking Requirement as per norms	Parking Provided is 404 Ecs which is as Per NBC and MoEF Norms
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Tarabanahalli to NH 7 Road -LOS – B
c.	Internal Road width (RoW)	7.00 m
21	CER Activities	(see table below)
22	EMP • Construction phase • Operation Phase	86.72 lakh capital and 20.04 lakhs recurring 219.1 lakh capital and 30.17 lakhs recurring

Year	Corporate Environmental Responsibility (CER)
1st	Rain Water Harvesting in GHPS at Meenakunte &Tarabanahalli Village
2nd	Providing solar power panels to GHPS at Meenakunte &Tarabanahalli Village
3rd	Conducting E-waste drive campaigns in the Meenakunte &Tarabanahalli Village
4th	Scientific support and awareness to local farmers to increase yield of crop and fodder
5th	Health camp in GHPS at Meenakunte &TarabanahalliVillage

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 public and semi public use as per BIAAPA, for which the Proponent informed that they had obtained conversion of land to residential use from DC.

The Committee during appraisal sought details regarding H/T lines in the project area and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that they have provided buffer of 26mtrs & 9mtrs on either side of H/T lines in South West and North East respectively and for harvesting rain water they have proposed storage tank of 155cum capacity for runoff from rooftop, hardscape and landscape areas along with 08 recharge pits within the project area.

Further the Committee informed the Proponent to provide smart metering for individual units for conservation of water and 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 500 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 rain water storage tank of 155 cum capacity and 08 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. *The PP shall grow trees during the construction phase itself.*
5. *The PP shall source external water from KGWA approved water sources.*
6. *The PP shall carry out community recharge of bore wells in the vicinity of the site*
7. *The PP shall construct lead of drains till the natural drains/water body for handling excess water.*
8. *The PP shall leave H/T line buffer as per prevailing Karnataka Electricity Regulatory Commission/ Karnataka Electricty Act.*
9. *The PP shall grow 500 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*

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 Authority will not be responsible for the issues arising during the operational phase from the project surroundings.

246.1.19. Residential with Club House Project at Sy.Nos.11/1A, 11/7, 11/8, 12/2 & 34/2 of Samethanahalli Village, Anugondanahalli Hobli, Hoskote Taluk, Bangalore Rural District by M/s.United Greens Woods - Online Proposal No.SIA/KA/INFRA2/448689/2023 (SEIAA 214 CON 2023)

M/s. UNITED GREENS WOODS have proposed for construction of Residential with Club House Project on a plot area of 17,044.12 Sqm. The total built up area is 55,360.60 Sqm. The proposed project consists of 392Nos. Building Configuration– 2 Blocks B+G+6 UF. Total water consumption is 290 KLD (Fresh water + Recycled water). The total wastewater generated is 261 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 265 KLD. The project cost is Rs. 100 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 GREENS WOODS, No. 10/7, Ganagalur Village, ChikkaThirupathi Post Hoskote Taluk, Bangalore- 560 160
2	Name & Location of the Project	Residential with Club House Project at Sy.Nos.11/1A,11/7,11/8,12/2 and 34/2, of Samethanahalli Village, Anugondanahalli Hobli, Hoskote Taluk, Bangalore Rural District.
3	Type of Development	
a.	Residential Apartment / Villas	Residential Apartment

		/ Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	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	Nala present inside the plot area.
6		Plot Area (Sqm)	17,044.12 Sqm.
7		Built Up area (Sqm)	55,360.60 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]	Building Configuration– 2 Blocks B+G+6 UF
10		Number of units/plots in case of Construction/Residential Township/Area Development Projects	392Nos.
11		Height Clearance	NA, as the proposed project is 18 km away from HAL airport
12		Project Cost (Rs. In Crores)	100 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	5590 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	1704.2 Sqm
	d.	Internal Roads	7929.4 Sqm
	e.	Paved area	
	f.	Others Specify	Road widening area is 116.52 sqm
	g.	Parks and Open space in case of	NA

		Residential Township/ Area Development Projects		
	b.	Total	17,044.12 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	
	c.	Quantity of water for Domestic Purpose in KLD	5	
	d.	Waste water generation in KLD	4	
	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	190
			Recycled	100
			Total	290
	b.	Source of water	Grampanchyat	
	c.	Waste water generation in KLD	261	
	d.	STP capacity	265 KLD	
	e.	Technology employed for Treatment	SBR Technology, Area required for STP is 300Sqmt	
	f.	Scheme of disposal of excess treated water if any	Used for Floor Wash, Avune Plantation and given to nearby Construction Purpose.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	400 cum for Block A and 150 cum for Block-B of roof rain water collection sump is provided Area required for Rain water tank is 700 Sqmt	
	b.	No's of Ground water recharge pits	10 nos	
17		Storm water management plan	We provided 400 cum for Block A and 150 cum for Block-B roof water collection sump and 10nos of recharge pits all along the project site, We Provided pond for collection of surface rain water	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of	Handed over to BBMP authorities	

		Disposal as per norms	
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	599 kg/day converted in to organic manure and used for garden 22 kg/ hr 600 kg/day of capacity Space required is 10sqmt
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	353 kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	100-150lts given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	175 kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	2597
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	250 KVA X 2nos
	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	20.9% savings
20		PARKING	
	a.	Parking Requirement as per norms	432 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 approach road is B On SH-35/NH-207 Towards Hoskote is C Towards Hope farm is B On ITPL Road Towards K R puram is C Towards Hope farm is B On Channasandra Road Towards Chikkathirupathi is B Towards Hope farm is B

c.	Internal Road width (RoW)	8.0
21	CER Activities	To provide infrastructure development of nearby Govt School.
22	EMP • Construction phase • Operation Phase	 100 Lakhs 355 Lakhs

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 residentialproject in an area earmarked for industrial use as per Hoskote Planning Authority, for which the Proponent informed that they had obtained change of land use for residential use from Setellite Town Ring Road Planning Authority.

The Committee during appraisal sought details regarding drain as per village map and rain water harvesting provisions proposed in the project. The Proponent informed the Committee that for the primary drain on the western side, 9mtr buffer is proposed from the edge of the project on either side. For harvesting rain water, Proponent informed that they haveproposed storage tank of 400cumcapacity for runoff from rooftop and another tank of 150 for runoff from hardscape and landscape areas in addition to 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 210trees 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 400 cum and 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 CTR 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. *The PP shall source external water from KGWA approved water sources.*

6. *The PP shall carry out community recharge of bore wells in the vicinity of the site*
7. *The PP shall construct lead of drains till the natural drains/water body for handling excess water.*
8. *The PP shall grow 210 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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 Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.20. Residential Apartment Building and Neighbourhood Shops Project at Sy.Nos.6/1 & 6/3 of Kandavara Village, Kundapura Taluka, Udupi District by M/s. Venkatalaxmi Builders Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/448539/2023 (SEIAA 212 CON 2023)

M/s. Venkatalaxmi Builders Pvt. Ltd have proposed for construction of Proposed Construction of Residential Apartment Building and Neighbourhood Shops - "Venkatalaxmi Palace" Project on a plot area of 15,882.71 Sqm. The total built up area is 79,421 sq m. The proposed project consists of 8 Blocks (interconnected) with Lower Ground + Upper Ground + 9 Floors + Terrace with 702 No. of Residential flats and 18 no. of neighborhood shops. Total water consumption is 504 KLD (Fresh water + Recycled water). The total wastewater generated is 418 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 460 KLD. The project cost is Rs. 165.62 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	Name: Sri. Chandrashekhar Atthal(Owner) Address: D NO. 4-29 Near Venkatalaxmi Kalyan Mantapa Road Hanglur, Kundapura Taluk, Udupi District – 576217
2	Name & Location of the Project	Name: Proposed Construction of Residential Apartment Building and Neighbourhood Shops - "Venkatalaxmi Palace" Location: At S. No. 6/1 and 6/3
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	8 Blocks (interconnected) with Lower Ground + Upper Ground + 9 Floors + Terrace with 702 No. of Residential flats and 18 no. of neighborhood shops Category 8(a) Building and Construction Projects as per EIA Notification, 2006
b.	Residential Township/ Area Development Projects	Not applicable
c.	Zoning Classification	Mixed Development
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	15,882.71
7	Built Up area (Sqm)	79,421
8	FAR • Permissible • Proposed	 2.75 2.60
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	8 Blocks (interconnected) with Lower Ground + Upper Ground + 9 Floors + Terrace with 702 No. of Residential flats and 18 no. of neighborhood shops

Sl. No	PARTICULARS	INFORMATION Provided by PP
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	Not applicable
11	Height Clearance	Proposed Height: 29.95 m Permissible Height: Not Applicable
12	Project Cost (Rs. In Crores)	Rs. 165.62 Cr.
13	Disposal of Demolition waste and or Excavated earth	Total Excavated earth will be reutilized for Site levelling, landscaping and construction of internal roads within the premises
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	6,620.00 sq.m
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	2,600sq.m
d.	Internal Roads	6,662.71sq.m
e.	Paved area	
f.	Others Specify	--
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	15,882.71sq.m
15	WATER	
1.	Construction Phase	
a.	Source of water	Open well and Panchayath Supply
b.	Quantity of water for Construction in KLD	45
c.	Quantity of water for Domestic Purposes in KLD	4.5
d.	Wastewater generation in KLD	3.6
e.	Treatment facility proposed and scheme of	Temporary sanitary facilities for construction labours will be provided. Wastewater will be disposed off in

Sl. No	PARTICULARS	INFORMATION Provided by PP	
	disposal of treated water	the Mobile STP (will be available at site)	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	319
		Recycled	185
		Total	504
b.	Source of water	Kandavara Village Panchayath supply	
c.	Wastewater generation in KLD	418 kld	
d.	STP capacity	460 kld	
e.	Technology employed for Treatment	SBR Technology	
f.	Scheme of disposal of excess treated water if any	220 kld of treated water will be given to nearest farmers for irrigation purposes.	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	A Sump tank of 75 cu.m	
b.	No's of Ground water recharge pits	4 RWH pits + 1 Sump tank of 75 cu.m (5 RWH Structures)	
17	Storm water management plan	To avoid the loss of soil during monsoon, major construction activities will be avoided during rainy season. Water accumulated on the soil dump will be locally drained in the perimeter drain using small capacity pumps after particulate settlement. All potential contaminants such as lime, paints, whitewashes, shuttering lining, grease, oil, solvents, etc. will be decanted/ handled on the impervious PCC floor of the construction the warehouse. The warehouse will be closed type with no chance of rainwater meeting the material.	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	▪ Domestic Waste(10 kg/day) – Biodegradable waste will be composted and rest shall be sent to MSW site. ▪ ConstructionWaste – Shall be segregated and reused within the Project siteto the extent possible and the rest will besold to recyclers (Proper facility for storage of construction wastes will be made at	

Sl. No	PARTICULARS	INFORMATION Provided by PP
		Project site). ▪ Plastic waste – to be sold to recyclers.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	725 kg/day - After segregation, biodegradable waste shall be composted in an Organic Waste Convertor (OWC) depending up on the requirement for horticulture and will be sent to Common MSW Management Facility
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	580 kg/day - Recyclable waste shall be sold to recyclers. Non-biodegradable will be sent to (145 kg/day – Inert waste) Common Solid Waste Management Facility
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	E waste will be stored at a designated place and sold to registered recyclers.
19	POWER	
a.	Total Power Requirement -Operational Phase	2499 KW from MESCOM
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Total 2 DG sets of 1000 kVA each
c.	Details of Fuel used for DG Set	HSD – 200 l/hr
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	▪ Solar panels on the roof tops (5% of Solar energy will be generated: 125 KW). ▪ Separate lighting circuit feeders and distribution boards are proposed from raw power circuits. ▪ Lighting controllers like dimmer and occupancy sensors are also proposed to conserve energy during non-occupancy. ▪ The size of the motor to be kept considering 80% load to obtain highest efficiency performance. ▪ All higher rating motors are proposed with soft starters to save energy during starting and to achieve smooth starting of motor. ▪ 22% of Energy will be saved by using LED

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION Provided by PP</th></tr>
<tr><td></td><td></td><td>equipment & Solar Energy</td></tr>
<tr><td>20</td><td>PARKING</td><td></td></tr>
<tr><td>a.</td><td>Parking Requirement as per norms</td><td>Required - 396 ECS
Provided - 400 ECS + 104 Two Wheelers</td></tr>
<tr><td>b.</td><td>Level of Service (LOS) of the connecting Roads as per the Traffic Study Report</td><td>B</td></tr>
<tr><td>c.</td><td>Internal Road width (RoW)</td><td>6 m</td></tr>
<tr><td>21</td><td>CER Activities</td><td>
<table>
<tr><th>Sr. No.</th><th>Year</th><th>Activities</th></tr>
<tr><td>1.</td><td>2024-25</td><td rowspan="3">Desiltation and Beautification of Lake (Harikere - Approx. 600 m in NW direction) near to the site</td></tr>
<tr><td>2.</td><td>2025-26</td></tr>
<tr><td></td><td>2026-27</td></tr>
</table>
</td></tr>
<tr><td>22</td><td>EMP
• Construction phase</td><td>Construction Phase
<table>
<tr><th>Sr. No.</th><th>EMP Aspect</th><th>Approx. Cost (Rupees in Lakhs)</th></tr>
<tr><td>1.</td><td>Barricades/dust barriers all-round the site</td><td>5.0</td></tr>
<tr><td>2.</td><td>Sprinkling of water (non-rainy season)</td><td>4.0</td></tr>
<tr><td>3.</td><td>Labour Management - first aid centre, safety measures, sanitation, amenities (through Construction Contractors)</td><td>9.0</td></tr>
<tr><td>4.</td><td>Environmental Monitoring - Air, Water, Noise</td><td>3.5</td></tr>
<tr><td colspan="2">Total</td><td>21.5</td></tr>
</table>
</td></tr>
<tr><td></td><td>• Operation Phase</td><td>Operation Phase</td></tr>
</table>

Sl. No	PARTICULARS	INFORMATION Provided by PP			
		Sr. No.	EMP Aspect	Approx. Budgeted Capital cost (In Lakh Rupees)	Approx. Budgeted Operating Cost (In Lakh Rupees)
		1.	STP and Grey Water Recycling	170.0	16.0
		2.	Greenbelt and other landscape development	22.0	2.5
		3.	Storm water drain and Rainwater Harvesting System	8.5	1.0
		4.	Environmental Monitoring & Certification	-	3.5
		5.	EHS Management Cell	3.0	-
		6.	Solid Waste Management	15.0	5.0
		7.	Energy conservation	19.0	2.5
		8.	CER	50.0	-
			Total	**287.5**	**30.5**

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 converted for residential use by DC and Developmental plan approved by Udupi Town Planning.

The Committee during appraisal sought details regarding provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that there they had proposed storage tank of 75cum capacity for runoff from rooftop, hardscape and landscape areas along with 04 recharge pits within the project area.

Further the Committee informed the Proponent to provide smart metering for individual units for conservation of water and 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 200trees 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 75 cum capacity and 04 recharge pits.
2. To grow trees in the early stage before taking up of construction.
3. Proponent agreed to carry out compensatory afforestration in the near by areas.
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 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. *The PP shall source external water from KCWA approved water sources.*
6. *The PP shall carry out compensatory afforestration in the near by areas.*
7. *The PP shall source external water from KCWA approved water tankers.*
8. *The PP shall grow 200 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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 Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.21. Development Plan Project at Sy.Nos. 234/1, 234/2, 235/1, 235/2, 236/1, 236/2, 273/3A, 273/3B, 275/1A, 275/1B, 275/2, 276/2, 276/3, 276/4, 276/5, 276/6, 279/1, 279/2, 279/3, 279/4, 279/5, 279/6, 279/7, 279/8, 279/9, 279/10, 280/1, 280/2, 280/3, 282, 292, & 293 of Haragadde Village, Jigani Hobli and 31/2 & 31/3 of Seethanayakanahalli Village, Jigani Hobli, Anekal Taluk, Bangalore Urban District by M/s. Profound Developers - Online Proposal No.SIA/KA/INFRA2/447355/2023 (SEIAA 203 CON 2023)

M/s. Profound Developers have proposed for construction of Residential Apartment Project on a plot area of 24,423.89 sq.m.. The total built up area is 79,597.12 sq.m . The Construction of Development Plan comprising of 3 Towers, each tower having Basement Floors + Ground Floor + 14 Upper Floors + Terrace Floor with total 560 units

Total water consumption is 390.60 KLD (Fresh water + Recycled water). The total wastewater generated is 371.07 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 380 KLD. The project cost is Rs. 158 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATIONPROVIDED BY PP
1	Name & Address of the Project Proponent	MR. S. Venkat Reddy Partner M/s. Profound Developers, Office at No. 676, 1st Floor,9th Main, 7th Sector, HSR Layout,Bangalore – 560 102.
2	Name & Location of the Project	Proposed Development Plan by M/s. Profound Developers at Sy No. 234/1, 234/2, 235/1, 235/2, 236/1, 236/2, 273/3A, 273/3B, 275/1A, 275/1B, 275/2, 276/2, 276/3, 276/4, 276/5, 276/6, 279/1, 279/2, 279/3, 279/4, 279/5, 279/6, 279/7, 279/8, 279/9, 279/10, 280/1, 280/2, 280/3, 282, 292, & 293 of Haragaddle Village, Jigani Hobli and 31/2 & 31/3 of Seethanayakanahalli Village, Jigani Hobli, Anekal Taluk, Bangalore Urban District.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	ResidentialApartment Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
c	Zoning Classification	Industrial converted to residential
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Water body in North and North East Primary drain in west
6	Plot Area (Sqm)	24,423.89 sq.m.
7	Built Up area (Sqm)	79,597.12 sq.m
8	FAR • Permissible • Proposed	 2.51 2.50

9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Development Plan comprising of 3 Towers, each tower having Basement Floors + Ground Floor + 14 Upper Floors + Terrace Floor with total 560 units. The total site area is 24,423.89 sq.m. The Net Site area is 16,941.15 sq.m. The BUA is 79,597.12 sq.m.
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	560 Units
11	Height Clearance	Site Elevation in AMSL : 892.0 Permissible top elevation in AMSL : 1035 Difference in meters : 143 Height proposed : 44.90 m
12	Project Cost (Rs. In Crores)	158 Crores
13	Disposal of Demolition waster and or Excavated earth	

Details	Quantity in m^3
Quantity of excavated soil	86,880.64
Back filling for footings	43,440.32
Site filling required	11,697.31
Back filling for retaining wall	25,284.47
Top soil for Landscaping	3,405.17
Filling for internal roads	3,053.37
Total	86,880.64

14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	5,243.84 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	5,590.58 sq.m
d.	Internal Roads	6,106.73 sq.m
e.	Paved area	
f.	Others Specify	7,482.74 sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	24,423.89 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 phase will be treated in the Mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	264.60
			Recycled	126.0
			Total	390.60
	b.	Source of water	Gram Panchayat	
	c.	Waste water generation in KLD	371.07 KLD	
	d.	STP capacity& Area required	380 KLD& 114 Sq.m.	
	e.	OWC Area & Capacity	89 Sq.m. & 6 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	283.0 cu.m.	
	b.	No's of Ground water recharge pits	17 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 and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers	

	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	672.0 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	448.0 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 will be very less
19		POWER	
	a.	Total Power Requirement - Operational Phase	2500 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 X1000 kVA + 1 X 500 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 400kWH x 30 x 8 Months = 96,000kWH • In monsoon season 150kWH x 30 x 4 Months = 18,000 kWH • Total SPV Power Generation in a year = 1.14 L kWH / Annum.....(b) • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)– 0.5+ 1.14 L KWH = 1.64 L / Annum .....(c) • Total energy savings = 22.46%
20		PARKING	
	a.	Parking Requirement as per norms	616 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Bannerghatta Main Road -LOS – B
	c.	Internal Road width (RoW)	8.00 m

<table>
<tr><td>21</td><td>CER Activities</td><td>
<table>
<tr><th>Yea</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Rain Water Harvesting in GHPS at Haragadde & Seethanayakanahalli Village</td></tr>
<tr><td>2nd</td><td>Providing solar power panels to GHPS at Haragadde & Seethanayakanahalli Village</td></tr>
<tr><td>3rd</td><td>Conducting E-waste drive campaigns in the Haragadde & Seethanayakanahalli Village</td></tr>
<tr><td>4th</td><td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td></tr>
<tr><td>5th</td><td>Health camp in GHPS at Haragadde & Seethanayakanahalli Village</td></tr>
</table>
</td></tr>
<tr><td>22</td><td>EMP
• Construction phase
• Operation Phase</td><td>
EMP (Construction & Operation)
<table>
<tr><th>Operation Phase</th><th>Construction Phase</th></tr>
<tr><td>Recurring Cost Per Annum = 38.551 lakhs
Capital Cost = 333.11 lakhs</td><td>Recurring Cost Per Annum = 20.04 lakhs
Capital Cost = 75.67 lakhs</td></tr>
</table>
</td></tr>
</table>

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 a residential apartment project in an area earmarked for industrial use as per Anekal Planning Authority, for which Proponent informed that they had obtained conversion of land to residential use from DC.

The Committee during appraisal sought details regarding drain, water body as per village map and rain water harvesting provisions proposed in the project. The Proponent infrormed the Committee that for the water body in north and north east, 30mtr buffer is proposed from the edge of the water body and for the Primary drain in west, 9mtr buffer is proposed from the edge of the drain and for harvesting rain water, they haveproposed storage tank of 283cumfor runoff from rooftop, hardscape and landscape areas along with 17 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 215 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 283cum and 17 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. *The PP shall source external water from KGWA approved water sources.*
6. *The PP shall grow 215 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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.*
11. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

246.1.22. Proposed Residential Apartment Project at Muncipal No.17 and PID No.77-35-17 at Ram Mandira road, Sampangi Ramanagara, BBMP Ward No 110, Bangalore urban District by M/s. Nestled Haven Developers LLP - Online Proposal No.SIA/KA/INFRA2/440480/2023 (SEIAA 166 CON 2023)

M/s. Nestled Haven Developers LLP have proposed for construction of Residential Apartment Project on a plot area of 10,566.70 Sq.Mts.. The total built up area is 64,061 Sq.Mts.. The proposed project consists of Construction of Residential Apartment project comprising of 2 Block A & B, Block A having 2Basement Floor + Ground Floor + 27 Upper Floors + Terrace Floor and Block B having Ground Floor + 3 Upper Floors + Terrace Floor with 76 Units. Total water consumption is 108 KLD (Fresh water + Recycled water). The total wastewater generated is 97.0 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 75.0 KLD. The project cost is Rs. 128 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATIONPROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. Rishad Gev Khergamwala Designated Partner M/s. Nestled Haven Developers LLP 3rd Floor, 43/39, 2nd Cross Promenade Rd, RT Nagar, Sindhi Colony,Pulikeshi Nagar Bangalore -560005.
2	Name & Location of the Project	Residential Apartment by M/s. Nestled Haven Developers LLP, at Muncipal No. 17 and PID No.77-35-17 at Ram Mandira road, Sampangi Ramanagara, BBMP Ward No 110, Bangalore urban 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	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	Sampangee lake –0.60 kms (NW) There is no lake within 75 meter from the site boundary.
6	Plot Area (Sqm)	10,566.70 Sq.Mts.
7	Built Up area (Sqm)	64,061 Sq.Mts.
8	FAR • Permissible • Proposed	 2.25 2.24

9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Residential Apartment project comprising of 2 Block A & B, Block A having 2Basement Floor + Ground Floor + 27 Upper Floors + Terrace Floor and Block B having Ground Floor + 3 Upper Floors + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	76 Units
11	Height Clearance	Site Elevation in AMSL :820.0 Permissible top elevation in AMSL :928 Difference in meters :108 Height proposed : 102.43 m
12	Project Cost (Rs. In Crores)	128 Crores
13	Disposal of Demolition waster and or Excavated earth	

Details	Quantity in m^3
Quantity of excavated soil	66,476.03
Excavated earth disposal details	
Back filling for footings	33,238.01
Site filling required	16,851.40
Back filling for retaining wall	11,793.36
Top soil for Landscaping	2,123.91
Filling for internal roads	2,469.34
Total	66,476.03

14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	18.51%
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	30.15%
d.	Internal Roads	51.34%
e.	Paved area	
f.	Others Specify	--
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA

	h.	Total	10,566.70 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 phase will be treated in the Mobile STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	75.0
			Recycled	33.0
			Total	108.0
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	97.0 KLD	
	d.	STP capacity& Area required	75.0 KLD&221 Sq.m.	
	e.	OWC Area & Capacity	301 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	50 cu.m.	
	b.	No's of Ground water recharge pits	4 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 and inorganic waste. Organic waste will be converted in	

			organic convertor. Inorganic solid waste will be handed over to authorized recyclers
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	133.92 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	89.28 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	1400 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 x 750 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 : 70,000 kWH/ Year……(a) • Solar Power Generation : •In non-monsoon season 120kWH x 30 x 8 Months = 28,800kWH •In monsoon season 80kWH x 30 x 4 Months = 9,600 kWH •Total SPV Power Generation in a year = 0.384 L kWH / Annum…..(b) •Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.8+ 0.384 L KWH = 1.184 L / Annum …….(c) • • Total energy savings = 28.96%
20		PARKING	
	a.	Parking Requirement as per norms	286 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the	1st main rammandira road –LOS – B

c.	Traffic Study Report Internal Road width (RoW)	8.00 m
21	CER Activities	Year / Corporate Environmental Responsibility (CER) 1st: Rain Water Harvesting in GHPS of Sampangiramnagar 2nd: Conducting E-waste drive campaigns in the Sampangiramnagar 3rd: Providing solar power panels to GHPS of Sampangiramnagar 4th: Drinking Water and Sanitation facility supply in nearby community places 5th: Health camp in GHPS of Sampangiramnagar
22	EMP • Construction phase • Operation Phase	EMP (Construction & Operation) Operation Phase: Recurring Cost Per Annum = 13.086 lakhs; Capital Cost = 98.90 lakhs Construction Phase: Recurring Cost Per Annum = 16.80 lakhs; Capital Cost = 42.58 lakhs

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 20.11.2021 for BUA of 53,827 Sqm in plot area of 9,076 Sqm and now it has been proposed for a BUA of 64,061Sqm and in plot area of 10,566.70Swm. The Proponent has submitted architect certificate dated 03.11.2023 informing that BUA of 44,958.97 Sqm has been constructed with reference to the earlier EC and has submitted Certified Compliance Report from MoEF&CC dated 25.10.2023. 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 09.12.2021 and approved plan from BBMP dated 17.05.2023.

The Committee during appraisal sought details regarding provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that, for harvesting rain water, the Proponent has proposed 50cumcapacity of sump for runoff from rooftop, landscape and paved areas in addition to 04recharge pits within the site area.

The Proponent informed that they have made provisions to grow and maintain 135 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 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 50cum capacityand 04recharge 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.

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. *The PP shall source external water from KGWA approved water sources.*
6. *The PP shall comply with the observations in CCR issued by MoEF&CC.*
7. *The PP shall grow indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
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.*

12. The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.

Mining Projects:

246.1.23. Kadur Pink Granite Quarry Project at Sy.Nos.52/1/1, 52/1/6, 52/2/5 of Kadur Village, Kushtagi Taluk, Koppal District (5-26 Acres) by Sri Mahabalesh Chitriki – Online Proposal No.SIA/KA/MIN/442115/2023 (SEIAA 70 MIN 2022).

Sri Mahabalesh Chitriki have applied for Environmental clearance from SEIAA for Pink Granite Quarry Project at Sy.Nos.52/1/1, 52/1/6, 52/2/5 of Kadur Village, Kushtagi Taluk, Koppal District (5-26 Acres)

Details of the project are as follows:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Mahabalesh Chitriki
2	Name & Location of the Project	Pink Granite Quarry Project at Sy.Nos.52/1/1, 52/1/6, 52/2/5 of Kadur Village, Kushtagi Taluk, Koppal District (5-26 Acres)
3	Type Of Mineral	Pink Granite Quarry Project
4	New/Expansion/Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	5-26 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	12,000 Cum/ 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	11,04,604Cum (including waste)

Latitude	Longitude
N 15°59' 22.7"	E 76 ° 00' 29.9"
N 15° 59' 22.9"	E 76 ° 00' 33.2"
N 15° 59' 23.2"	E 76 ° 00' 37.2"
N 15° 59' 20.2"	E 76 ° 00' 37.6"
N 15° 59' 19.6"	E 76 ° 00' 33.4"
N 15° 59' 18.9"	E 76 ° 00' 30.4"
N 15° 59' 18.9"	E 76 ° 00' 30.0"
N 15° 59' 20.5"	E 76 ° 00'30.0"
N 15° 59' 20.3"	E 76 ° 00' 27.4"
N 15° 59' 20.7"	E 76 ° 00' 27.4"
N 15° 59' 20.8"	E 76 ° 00' 29.9"

10	Permitted Quantity Per Annum - Cum / Ton	3,600 Cum/ Annum (recovery)
11	CER Activities:	
12	EMP Budget	Rs. 250 Lakhs (Capital Cost) & Rs. 30 Lakhs (Recurring cost)
13	Quarry plan	27.07.2021
14	Cluster certificate	04.09.2021
15	Forest NoC	20.08.2019
16	Revenue	18.11.2020
17	DTF	20.04.2021
18	Public hearing	13.06.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 DMG letter dated 12.10.2023 soil has been removed from krishi honda in 2010 and no mining has been carried out in the applied area. The 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 pink granite quarrying which SEIAA had issued ToR on 18.04.2022 and public hearing was conducted on 13.06.2023, where opinions/requests of three people had been recorded in public hearing report.

There is an existing cart track road to a length of 2000 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 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 11,04,604 cum (including waste) and estimated the life of the quarry to be co-terminus with lease period.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 12,000cums/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 road& buffer zone during the first year of operation
3. Proponent agreed to comply with the request of public, expressed during public hearing.
4. To handle waste generated by obtaining necessary permission.
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:

I. *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 minimize dust pollution.*

6. *The PP shall grow trees all along the approach road & buffer zone during the first year of operation*

7. *The PP shall comply with the opinion of public, expressed during public hearing.*
8. *The PP shall handle waste generated by obtaining necessary permission.*
9. *The PP shall carry out regular health checkup for the workers in the near by Hospital.*

246.1.24. Expansion of Building Stone Quarry Project at Sy.No.71/2 of Hesakatturu Village, Kundapura Taluk, Udupi District (1-00 Acre) (QL No.397) by Sri Kamal Kishore – Online Proposal No.SIA/KA/MIN/438732/2023 (SEIAA 462 MIN 2023)

Sri Kamal Kishore have applied for Environmental clearance from SEIAA for Expansion of Building Stone Quarry Project at Sy.No.71/2 of Hesakatturu Village, Kundapura Taluk, Udupi District

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Kamal Kishore
2	Name & Location of the Project	Expansion of Building Stone Quarry Project at Sy.No.71/2 of Hesakatturu Village, Kundapura Taluk, Udupi District (1-00 Acre) (QL No.397) Latitude: N 13° 33' 00.9" / N 13° 33' 01.7" / N 13° 32' 59.9" / N 13° 32' 59.1" Longitude: E 74° 46' 25.1" / E 74° 46' 26.0" / E 74° 46' 29.0" / E 74° 46' 28.0"
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	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	26,316 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	2,00,841Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	25,000 Tones / Annum (excluding waste)

11	CER Activities: Year: 1st — Corporate Environmental Responsibility (CER): Rain water harvesting pits to the GHPS at Hesakattoru Village Year: 2nd, 3rd, 4th — Providing solar lights to the GHPS school in Hesakattoru village. Year: 5th — Scientific support and awareness to local farmers to increase yield of crop and fodder	
12	EMP Budget	Rs. 16.92 lakhs (Capital Cost) & Rs. 6.02 lakhs (Recurring cost)
13	Forest NOC	28.12.2015
14	Quarry plan	15.07.2023
15	Cluster certificate	15.07.2023
16	CCR	25.09.2023
17	Audit Report	21.01.2020

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 16.02.2017 and lease was granted on06.03.2017 with QL No. 397. The Proponent submitted CCR from KSPCB dated 25.09.2023 and audit report till 2022-23 certified from DMG.

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 1.75 Acres and hence the project is categorized as B2

There is an existing cart track road to a length of 137 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed expansion in quantity should be commenced after asphalting 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 2,00,841 tonns (including waste) and estimated the life of mine to be 5 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of26,316 tonns/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 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 maintain and upkeep the approach road so as to minimize e dust pollution.*
6. *The PP shall 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 shall carry out regular health checkup for the workers in the near by Hospital.*

246.1.25. Building Stone (M-Sand) Quarry Project at Sy.Nos. 351/*/1 & 352/*/2 of Itnal Village, Yaragatti Taluk, Belagavi District (8-20 Acres) by M/s. Dasanavar Stone Crusher – Online Proposal No.SIA/KA/MIN/447541/2023 (SEIAA 477 MIN 2023)

M/s. Dasanavar Stone Crusher have applied for Environmental clearance from SEIAA for Building Stone (M-Sand) Quarry Project at Sy.Nos. 351/*/1 & 352/*/2 of Itnal Village, Yaragatti Taluk, Belagavi District (8-20 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	M/s. Dasanavar Stone Crusher
2	Name & Location of the Project	Building Stone (M-Sand) Quarry Project at Sy.Nos. 351/*/1 & 352/*/2 of Itnal Village, Yaragatti Taluk, Belagavi District (8-20 Acres)

Latitude	Longitude
N 16°04'42.4953"	E 75°04'40.1788"
N 16°04'42.3990"	E 75°04'42.6400"
N 16°04'46.3392"	E 75°04'42.5586"
N 16°04'46.1130"	E 75°04'44.0541"
N 16°04'49.4045"	E 75°04'44.7109"
N 16°04'50.0765"	E 75°04'40.1856"
N 16°04'47.1736"	E 75°04'40.7335"
N 16°04'48.6547"	E 75°04'37.9071"
N 16°04'43.8141"	E 75°04'36.3262"
N 16°04'43.6162"	E 75°04'39.6841"

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	8-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,11,715 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.70 Crores (Rs.70 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	24,90,544Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,07,481 Tones / Annum (excluding waste)
11	CER Activities: Propose take up 850 No. of additional plantation on either side of the approach road from quarry location to Itnal Village Road	

12	EMP Budget	Rs. 33.05 lakhs (Capital Cost) & Rs. 11.33 lakhs (Recurring cost)
13	Forest NOC	13.06.2023
14	Quarry plan	29.09.2023
15	luster certificate	29.09.2023
16	Notification	04.09.2023
17	Revenue NoC	12.06.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 is no lease within 500mtr from the said lease and total area of the applied lease is 8-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1370meters connecting lease area to the all-weather black topped road. The Committee informed that the production should be commenced after asphalting the approach road to the quarry and road connecting crusher 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 24,90,544tones(including waste) and estimated the life of mine to be 12years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,07,481tones/Annum (including waste), with following consideration,

1. Proponent agreed to asphalt 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 minimize dust pollution.*
6. *The PP shall o grow trees all along the approach road and towards habitation during the first year of operation.*
7. *The PP shall carry out regular health checkup for the workers in the near by Hospital.*

246.1.26. Ordinary Sand Quarry Project at Sy.Nos.217/1 & 217/3 of Navali Village, Kanakagiri Taluk, Koppal District (9-00 Acres) by M/s. Shivaganga Enterprises – Online Proposal No.SIA/KA/MIN/448605/2023 (SEIAA 482 MIN 2023)

M/s. Shivaganga Enterprises have applied for Environmental clearance from SEIAA for Ordinary Sand Quarry Project at Sy.Nos.217/1 & 217/3 of Navali Village, Kanakagiri Taluk, Koppal District (9-00 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	M/s. Shivaganga Enterprises
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy.Nos.217/1 & 217/3 of Navali Village, Kanakagiri Taluk, Koppal District (9-00 Acres)

		Latitude / Longitude N 15° 39' 02.51728" / E 76° 33' 40.21144" N 15° 39' 02.37356" / E 76° 33' 42.70446" N 15° 39' 01.71578" / E 76° 33' 46.75232" N 15° 38' 56.56785" / E 76° 33' 46.76016" N 15° 38' 56.51262" / E 76° 33' 45.77929" N 15° 38' 55.57502" / E 76° 33' 44.90511" N 15° 38' 55.85524" / E 76° 33' 41.79347" N 15° 38' 56.47912" / E 76° 33' 40.86638" N 15° 38' 57.09318" / E 76° 33' 39.80403"
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	9-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	24,225.7 Tonns for 1st year, 60,000 Ton/annum for 2nd& 3rd years & 40,000ton/annum 4th& 5th years (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.69 Crores (Rs. 169 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	2,24,225.7 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	24,225.7 Tonns for 1st year, 60,000 Ton/annum for 2nd& 3rd years & 40,000ton/annum 4th& 5th years (including waste)
11	CER Activities: Year / Corporate Environmental Responsibility (CER) 1st / Providing solar power panels to the GHPS school at Navali Village. 2nd / Rain water harvesting pits to Navali 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 Navali Village. 5th / Health camp in GHPS at Navali Village.	
12	EMP Budget	s. 48.94 Lakhs (Capital Cost) & Rs. 10.71 lakhs (Recurring cost)
13	Forest NOC	01.06.2023
14	Cluster certificate	10.10.2023
15	Revenue NOC	04.03.2023
16	DTF	05.07.2023
17	App. Quarry Plan	10.10.2023
18	JIR	3 mtrs

The subject was discussed in the SEAC meeting held on 6th and 7th November 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.

The proposal is for ordinary sand mining and as per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the total area of the present lease is 9-00 Acres and hence the project is categorized as B2. Proponent informed that as per DMG letter dated 13.09.2023, there are no river sand blocks in a radius of 5km from the proposed area.

There is an existing cart track road to a length of 1170 meters 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 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 2,24,225.7 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 24,225.7 Tonns for 1st year, 60,000 Ton/annum for 2nd & 3rd years & 40,000ton/annum for 4th & 5th years (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per IRC norms
2. To implement mine closure plan effectively after mining operation by carrying out reclamation works
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 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 competent 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 minimize 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 bulk and all along the approach road during the first year of operation.*
9. *The PP Shall implement mine closure plan effectively after mining operation*

246.1.27. Building Stone/M-Sand Quarry Project at Sy.Nos.258/2, 259/1, 259/2, 260/1 & 260/2 of Itnal Village, Yaragatti Taluk, Belagavi District (9-00 Acres) by Smt. Salma Khwaja Saheb Dabadi – Online Proposal No.SIA/KA/MIN/445826/2023 (SEIAA 457 MIN 2023)

Smt. Salma Khwaja Saheb Dabadi have applied for Environmental clearance from SEIAA for Building Stone/M-Sand Quarry Project at Sy.Nos.258/2, 259/1, 259/2, 260/1 &

260/2 of Itnal Village, Yaragatti Taluk, Belagavi District (9-00 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Smt. Salma Khwaja Saheb Dabadi
2	Name & Location of the Project	Building Stone/M-Sand Quarry Project at Sy.Nos.258/2, 259/1, 259/2, 260/1 & 260/2 of Itnal Village, Yaragatti Taluk, Belagavi District (9-00 Acres)

Latitude	Longitude
N 15° 04' 05.7002"	E 75° 09' 27.1010"
N 15° 04' 06.1068"	E 75° 09' 30.1095"
N 15° 04' 05.2099"	E 75° 09' 37.0099"
N 15° 04' 02.0011"	E 75° 09' 36.7027"
N 15° 04' 02.6021"	E 75° 09' 36.9030"
N 15° 04' 00.5003"	E 75° 09' 36.7037"
N 15° 04' 01.2040"	E 75° 09' 30.6037"
N 15° 04' 01.2044"	E 75° 09' 30.4007"
N 15° 04' 02.5001"	E 75° 09' 27.3014"

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	9-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,02,629 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.80 Crores (Rs.80 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	21,84,742 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,00,576 Tones / Annum (excluding waste)
11	CER Activities: Propose take up 1000 No. of additional plantation on either side of the approach road from quarry location to Itnal Village Road	
12	EMP Budget	Rs. 33.60 lakhs (Capital Cost) & Rs. 12.32 lakhs (Recurring cost)

13	Forest NOC	08.12.2022
14	Quarry plan	14.09.2023
15	luster certificate	14.09.2023
16	Notification	04.09.2023
17	Revenue	12.12.2022 & 25.08.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 is no lease within 500mtr from the said lease and total area of the applied lease is 9-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 740meters connecting lease area to the all-weather black topped road. The Committee informed that the production should be commenced after asphalting the approach road to the quarry and road connecting crusher 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 21,84,742tones(including waste) and estimated the life of mine to be 22years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,02,629 tones/Annum (including waste), with following consideration,

1. Proponent agreed to asphalt 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 minimize 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.*

246.1.28. Building Stone Quarry Project at Sy.No.140/5 of Ainapur Village, Vijayapura Taluk & District (3-13 Acres) by Sri Channappa R. Roodagi – Online Proposal No.SIA/KA/MIN/436542/2023 (SEIAA 388 MIN 2023)

Sri Channappa R. Roodagi have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy.No.140/5 of Ainapur Village, Vijayapura 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 Channappa R. Roodagi
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.140/5 of Ainapur Village, Vijayapura Taluk & District (3-13 Acres)

		Latitude / Longitude N16°51'09.53" / E75°45'54.45" N16°51'10.75" / E75°45'55.53" N16°51'09.27" / E75°45'00.67" N16°51'05.94" / E75°45'57.30"
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	1,05,263 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	9,17,433 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,00,000 Tones / Annum (excluding waste)
11	CER Activities: Propose take up 350 No. of additional plantation on either side of the approach road from quarry location to Ainapur Village Road	
12	EMP Budget	Rs. 15.60 lakhs (Capital Cost) & Rs. 4.84 lakhs (Recurring cost)
13	Forest NOC	16.01.2023
14	Quarry plan	24.05.2023
15	Cluster certificate	07.10.2023
16	Notification	09.05.2023
17	Revenue	27.02.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 only exploration pit was dug to check the availatility of mineral and no mining has been carried out by Proponent till date and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there are another 08 leases in a radius of 500 mtr from the said lease, out of which 03 leases are exempted from cluster as EC was issued prior to

15.01.2016 and the total area of the remaining leases including the applied lease is 11-13 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 380 meters connecting lease area to the all-weather black topped road. The Committee informed that quarrying should be commenced after strengthening the approach road to the quarry and road connecting the crusher as per IRC standard norms and should 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 9,17,433tons (including waste) and estimated the life of mine to be 9 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,05,263tons/ 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 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 minimize 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.*

246.1.29. Building Stone Quarry Project at Sy.No.82/1 (P) of Gosabala Village, Gokak Taluk & Belagavi District (4-00 Acres) by M/s. Shree Veerabhadreshwar Stone Crusher – Online Proposal No.SIA/KA/MIN/440383/2023 (SEIAA 384 MIN 2023)

M/s. Shree Veerabhadreshwar Stone Crusher have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy.No.82/1 (P) of Gosabala Village, Gokak Taluk & Belagavi District (4-00 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	M/s. Shree Veerabhadreshwar Stone Crusher
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.82/1 (P) of Gosabala Village, Gokak Taluk & Belagavi District (4-00 Acres) N 16°10'36.40" to N 16°10'42.50" E 75°01'28.49" to E 75°01'33.19"
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	4-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	63,158 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	10,04,295Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	60,000 Tones / Annum (excluding waste)

11	CER Activities: To grow 500no of additional trees along the approach road and in buffer areas.	
12	EMP Budget	Rs. 20.96 lakhs (Capital Cost) & Rs. 5.95 lakhs (Recurring cost)
13	Forest NOC	23.02.2017
14	Quarry plan	17.05.2023
15	Cluster certificate	17.05.2023
16	Notification	23.02.2023
17	Revenue	21.04.2017

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 07.11.2023 for appraisal.

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 land is fresh land and as per the DMG letter dated 07.10.2023there no working found in applied area of the 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 4-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1200meters connecting lease area to the all-weather black topped road. The Committee informed that the production should be commenced after asphalting the approach road to the quarry and road connecting crusher 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 10,04,295tones(including waste) and estimated the life of mine to be 16years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 63,158tones/Annum (including waste), with following consideration,

1. Proponent agreed to asphalt 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 minimize 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.*

246.1.30. Expansion of Building Stone Quarry Project at Sy.No.23 of Attiguppe Village, Hunsur Taluk, Mysore District (4-00 Acres) (vide QL No.549) by Sri H. K. Lakshmangowda – Online Proposal No.SIA/KA/MIN/439812/2023 (SEIAA 372 MIN 2023).

Sri H. K. Lakshmangowda have applied for Environmental clearance from SEIAA for Expansion of Building Stone Quarry Project at Sy.No.23 of Attiguppe Village, Hunsur Taluk, Mysore District (4-00 Acres) (vide QL No.549)

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.23 of Attiguppe Village, Hunsur Taluk, Mysore District (4-00 Acres) (vide QL No.549)

Latitude	Longitude
N12°20'30.0"	E76°12'36.9"
N12°20'36.5"	E76°12'38.7"
N12°20'34.4"	E76°12'54.5"
N12°20'37.8"	E76°12'52.6"

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	4-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,55,814 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	13,95,347 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,50,698 Tones / Annum (excluding waste)
11	CER Activities: Propose take up 400 No. of additional plantation on either side of the approach road from quarry location to Attiguppe Village Road and Govt. School	
12	EMP Budget	Rs. 19.85 lakhs (Capital Cost) & Rs. 6.25 lakhs (Recurring cost)
13	Quarry plan	05.06.2023
14	Cluster certificate	03.03.2023
15	CCR MoEF&CC	06.09.2023
16	Audit Report	17.08.2022

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 lease was in effect from 29.01.2013. with QL No. 549 and for which EC was issued earlier by SEIAA on 26.03.2015.

The Proponent submitted an audit report till 2022-23 certified by DMG dated 10.04.2023 and CCR from MoEF&CC dated 06.09.2023.

There is an existing cart track road to a length of 720 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed expansion in quantity should be commenced after asphalting 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 13,95,347Tones (including waste) and estimated the life of mine to be 6 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of2,55,814 Tones/ Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per norms before commencing expansion in quantity.
2. To grow trees all along the approach road during the first year of operation.
3. Proponent agreed to construct garland drain around the project site.
4. To comply with the observation in CCR issued by MoEF&CC
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 minimize dust pollution.*
6. *The PP shall grow trees all along the approach road during the first year of operation.*
6. *The PP Shall with the observation in CCR issued by MoEF&CC*
7. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*

246.1.31. Expansion of Building Stone Quarry Project at Sy.No.23 of Attiguppe Village, Hunsur Taluk, Mysore District (3-20 Acres) (vide QL No.554) by Sri H.K. Lakshmangowda – Online Proposal No.SIA/KA/MIN/439823/2023 (SEIAA 373 MIN 2023)

Sri H.K. Lakshmangowda have applied for Environmental clearance from SEIAA for Expansion of Building Stone Quarry Project at Sy.No.23 of Attiguppe Village, Hunsur Taluk, Mysore District (3-20 Acres) (vide QL No.554)

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.23 of Attiguppe Village, Hunsur Taluk, Mysore District (3-20 Acres) (vide QL No.554)
3	Type Of Mineral	Building Stone Quarry Project
4	New/Expansion/Modification/Rene	Expansion

Latitude	Longitude
N12°20'43.5"	E 76°12'50.2"
N12°20'40.5"	E 76°12'51.4"
N12°20'41.3"	E 76°12'55.9"
N12°20'44.1"	E 76°12'54.8"

	wal	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	3-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,53,645 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	9,35,228Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,50,572 Tones / Annum (excluding waste)
11	CER Activities: Propose take up 320 No. of additional plantation on either side of the approachroad from quarry location to Attiguppe Village Road and Govt. School	
12	EMP Budget	Rs. 15.08 lakhs (Capital Cost) & Rs. 5.54 lakhs (Recurring cost)
13	Quarry plan	05.06.2023
14	luster certificate	03.03.2023
15	CCR	06.09.2023
16	Audit Report	10.04.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 EC was issued earlier by SEIAA on 09.09.2015 and lease was granted on 06.15.2015. The Proponent submitted an audit report till 2022-23 certified by DMG dated 10.04.2023 and CCR from MoEF&CC dated 06.09.2023.

There is an existing cart track road to a length of 500 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed expansion in quantity should be commenced after asphalting 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 9,35,228Tones (including waste) and estimated the life of mine to be 6 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of1,53,645 Tones/Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per norms before commencing expansion in quantity.
2. To grow trees all along the approach road during the first year of operation.
3. Proponent agreed to construct garland drain around the project site.
4. To comply with the observation in CCR issued by MoEF&CC
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 minimize dust pollution.*
6. *The PP shall grow trees all along the approach road during the first year of operation.*
7. *The PP shall comply with the observation in CCR issued by MoEF&CC.*
8. *The PP shall construct garland drain around the project site.*
9. *The PP shall carry out regular health checkup for the workers in the near by Hospital.*

246.1.32. Sand Quarrying Block of Varahi River Bed Sand Quarry Project at Adjacent to Sy.No.189 of Balkuru Village, Kundapura Taluk, Udupi District (6.80 Acres) (2.751 Ha) by Executive Engineer – Online Proposal No.SIA/KA/MIN/425054/2023 (SEIAA 315 MIN 2023)

Executive Engineer have applied for Environmental clearance from SEIAA for Sand Quarrying Block of Varahi River Bed Sand Quarry Project at In Adjacent to Sy.No.189 of Balkuru Village, Kundapura Taluk, Udupi District (6.80 Acres) (2.751 Ha)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Executive Engineer
2	Name & Location of the Project	Sand Quarrying Block of Varahi River Bed Sand Quarry Project at In Adjacent to Sy.No.189 of Balkuru Village, Kundapura Taluk, Udupi District (6.80 Acres) (2.751 Ha)
3	Type Of Mineral	Ordinary Sand Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	6.80 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	33,116Tonns/annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.35 Crores (Rs. 135 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,41,925Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	33,116Tonns/annum (including waste)
11	CER Activities:	

Latitude	Longitude
N 13°37' 32.50"	E 74°46' 11.60"
N 13°37' 33.20"	E 74°46' 14.90"
N 13°37' 31.40"	E 74°46' 16.40"
N 13°37' 23.80"	E 74°46' 18.30"
N 13°37' 23.80"	E 74°46' 15.70"

	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to GHPS school at Balkuru village
	2nd	Conducting E-waste drive campaigns at Balkuru village
	3rd	Rain water harvesting pits GHPS school at Balkuru village
	4th	Scientific support and awareness to local farmers to increase yield of crop and fodder
	5th	Health camp in GHPS school at Balkuru village
12	EMP Budget	Rs. 16.40 Lakhs (Capital Cost) and Rs. 5.52 Lakhs (Recurring cost)
13	Forest NOC	11.07.2023
14	Cluster certificate	01.04.2023
15	Revenue NOC	27.09.2023
16	DTP	09.11.2022
17	Notification	22.02.2023
18	JIR	0.70 mtr

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 River Bed Sand Mining. The Committee sought clarification from Proponent regarding method of mining proposed in compliance to Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 i.e not to use any machinery for excavation of sand, for which the Proponent informed that they have proposed manual method of mining.

As per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the total area of the present lease is 6.80 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 430 meters connecting the lease area to the all-weather black topped road and the Committee informed that the mining operation should be commenced after asphalting the approach road as per standard norms and to grow trees all along the approach road and in the banks of the river, to strictly implement bund protection works, dust mitigation measures and not to use any machinery for excavation of sand as per Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 and also not to carry out in-stream mining, to which the Proponent agreed. Proponent informed the Committee that they had obtained DMG approved replenishment report for the proposed sand quarry considering the catchment area and rainfall details. Further the Committee sought clarification regarding dry weather flow, for which the Proponent submitted google images of November 2010 & January 2016 showing availability of sand and dry weather flow and informed the Committee that mining operations would be carried out only in dry weather conditions.

The Proponent has collected baseline data of air, water, soil and noise and all are 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. In the proposed project, the Proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 and Enforcement & Monitoring guidelines 2020.

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 1,41,925 tones (including waste) and estimated the life of the quarry to be 5 years with due replenishment every year.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 33,116 tones per year (including waste) after due replenishment every year, with following consideration.

1. Proponent agreed to stregthen the approach road to the quarry as per standard norms
2. To implement mine closure plan effectively after mining operation.
3. To grow trees all along the approach road during the first year of operation.
4. Mining should be carried out after due replenishment every year
5. Proponent agreed to abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020
6. To comply with the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022 and for any violation against the Directions of Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022, the Proponent would be held responsible.
7. To follow Labour laws and Mines Act in the proposed project.
8. To carry out bank stabilization works.

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 minimize dust pollution.*
6. *The PP shall grow trees all along the approach road during the first year of operation.*
7. *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.*
8. *The PP shall implement mine closure plan effectively after mining operation*
9. *The PP shall grow trees all along the approach road during the first year of operation.*
10. *Mining should be carried out after due replenishment every year*
11. *The PP shall abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020*
12. *The PP shall comply with the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022 and for any violation against the Directions of Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022, the Proponent would be held responsible.*
13. *The PP shall follow Labour laws and Mines Act in the proposed project.*
14. *In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.*
15. *The proponent shall stabilize the river bank with waste materials like pebbles and planting the khus grass and suitable plant species.*

246.1.33. Sand Quarrying Block Project at Sy No.133/1 of Kukkehally Village, Udupi Taluk, Udupi District (2-00 Acres) by Sri Jagadeesh Shetty – Online Proposal No.SIA/KA/MIN/444228/2023 (SEIAA 443 MIN 2023)

Sri Jagadeesh Shetty have applied for Environmental clearance from SEIAA for Sand Quarrying Block Project at Sy No.133/1 of Kukkehally Village, Udupi Taluk, Udupi District (2-00 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Jagadeesh Shetty

2	Name & Location of the Project	Sand Quarrying Block Project at Sy. No.133/1 of Kukkehally Village, Udupi Taluk, Udupi District (2-00 Acres)

Latitude	Longitude
N 13°24'18.91"	E 74°50'41.59"
N 13°24'18.15"	E 74°50'41.87"
N 13°24'19.15"	E 74°50'43.29"
N 13°24'22.17"	E 74°50'46.47"
N 13°24'26.52"	E 74°50'49.62"
N 13°24'26.93"	E 74°50'49.11"
N 13°24'22.61"	E 74°50'45.71"
N 13°24'19.81"	E 74°50'42.89"

3	Type Of Mineral	Ordinary Sand Quarry
4	New/Expansion/Modification/ Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	2-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	5,566Tonns/annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.92 Crores (Rs. 92 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	16,698Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	5,566Tonns/annum (including waste)
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to GHPS school at Kukkehally village
2nd	Conducting E-waste drive campaigns at Kukkehally village
3rd	Rain water harvesting pits GHPS school at Kukkehally village
4th	Scientific support and awareness to local farmers to increase yield of crop and fodder
5th	Health camp in GHPS school at Kukkehally village

12	EMP Budget	20 Lakhs (Capital Cost) and Rs. 11.84 Lakhs (Recurring cost)
13	Forest NOC	01.09.2023
14	Cluster certificate	29.08.2023
15	Revenue NOC	25.08.2023
16	DTF	24.03.2023
17	App. Quarry Plan	25.08.2023
18	Notification	10.01.2023
19	Irrigation	15.06.2023

20	JIR depth	3 mtr
21	LoI	24.03.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 River Bed Sand Mining. The Committee sought clarification from Proponent regarding method of mining proposed in compliance to Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 i.e not to use any machinery for excavation of sand, for which the Proponent informed that they have proposed manual method of mining.

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 3-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 140 meters connecting the lease area to the all-weather black topped road and the Committee informed that the mining operation should be commenced after asphalting the approach road as per standard norms and to grow trees all along the approach road and in the banks of the river, to strictly implement bund protection works, dust mitigation measures and not to use any machinery for excavation of sand as per Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 and also not to carry out in-stream mining, to which the Proponent agreed. Proponent informed the Committee that they had obtained DMG approved replenishment report for the proposed sand quarry considering the catchment area and rainfall details. Further the Committee sought clarification regarding dry weather flow, for which the Proponent submitted google images of March 2018 & November 2019 showing availability of sand and dry weather flow and informed the Committee that mining operations would be carried out only in dry weather conditions.

The Proponent has collected baseline data of air, water, soil and noise and all are 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. In the proposed project, the Proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 and Enforcement & Monitoring guidelines 2020.

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 16,698 tones (including waste) and estimated the life of the quarry to be 3 years with due replenishment every year.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 5,566 tones per year (including waste)after due replenishment every year, with following consideration,

1. Proponent agreed to stregthen the approach road to the quarry as per standard norms

2.To implement mine closure plan effectively after mining operation.
3.To grow trees all along the approach road during the first year of operation.
4. Mining should be carried out after due replenishment every year
5. Proponent agreed to abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020
6. To comply with the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022 and for any violation against the Directions of Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022, the Proponent would be held responsible.
7. To follow Labour laws and Mines Act in the proposed project.
8. To carry out bank stabilization works.

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 minimize dust pollution.*
6. *The PP shall grow trees all along the approach road during the first year of operation.*
7. *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.*

8. The PP shall implement mine closure plan effectively after mining operation

9. The PP shall grow trees all along the approach road during the first year of operation.

10. Mining should be carried out after due replenishment every year

11. The PP shall abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020

12. The PP shall comply with the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022 and for any violation against the Directions of Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022, the Proponent would be held responsible.

13. The PP shall follow Labour laws and Mines Act in the proposed project.

14. In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

15. The proponent shall stabilize the river bank with waste materials like pebbles and planting the khus grass and suitable plant species.

246.1.34. Sand Quarrying Block Project at Sy.No.308 of Cherkady Village, Brahmavara Taluk, Udupi District (1-00 Acre) by Sri Vincent Prakash D Almeda – Online Proposal No.SIA/KA/MIN/443411/2023 (SEIAA 442 MIN 2023).

Sri Vincent Prakash D Almeda have applied for Environmental clearance from SEIAA for Sand Quarrying Block Project at Sy.No.308 of Cherkady Village, Brahmavara Taluk, Udupi 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 Vincent Prakash D Almeda
2	Name & Location of the Project	Sand Quarrying Block Project at Sy.No.308 of Cherkady Village, Brahmavara Taluk, Udupi District (1-00 Acre)

Latitude	Longitude
N 13°24' 19.1"	E 74°50' 37.8"
N 13°24' 18.3"	E 74°50' 41.3"
N 13°24' 17.5"	E 74°50' 40.8"
N 13°24' 17.1"	E 74°50' 39.0"
N 13°24' 18.1"	E 74°50' 37.5"

3	Type Of Mineral	Ordinary Sand Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta,	Government

	Other]	
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	3,478Tones/annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.92 Crores (Rs. 92 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	10,436.1Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,478Tones/annum (including waste)
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to GHPS school at Cherkady village
2nd	Conducting E-waste drive campaigns at Cherkady village
3rd	Rainwater harvesting pits GHPS school at Cherkady village
4th	Scientific support and awareness to local farmers to increase yield of crop and fodder
5th	Health camp in GHPS school at Cherkady village

12	EMP Budget	12 Lakhs (Capital Cost) and Rs. 13.79 Lakhs (Recurring cost)
13	Forest NOC	02.09.2023
14	Cluster certificate	29.08.2023
15	Revenue NOC	23.08.2023
16	DTF	24.03.2023
17	App. Quarry Plan	28.08.2023
18	Notification	10.01.2023 (13.01.2023)
19	Irrigation	15.06.2023
20	JIR	1 mtr

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 River Bed Sand Mining. The Committee sought clarification from Proponent regarding method of mining proposed in compliance to Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 i.e not to use any machinery for excavation of sand, for which the Proponent informed that they have proposed manual method of mining.

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 3-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 124 meters connecting the lease area to the all-weather black topped road and the Committee informed that the mining operation should be commenced after asphalting the approach road as per standard norms and to grow trees all along the approach road and in the banks of the river, to strictly implement bund protection works, dust mitigation measures and not to use any machinery

for excavation of sand as per Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022 and also not to carry out in-stream mining, to which the Proponent agreed. Proponent informed the Committee that they had obtained DMG approved replenishment report for the proposed sand quarry considering the catchment area and rainfall details. Further the Committee sought clarification regarding dry weather flow, for which the Proponent submitted google images of March 2018, December 2020 & October 2022 showing availability of sand and dry weather flow and informed the Committee that mining operations would be carried out only in dry weather conditions.

The Proponent has collected baseline data of air, water, soil and noise and all are 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. In the proposed project, the Proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 and Enforcement & Monitoring guidelines 2020.

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 10,436.1 tones (including waste) and estimated the life of the quarry to be 5 years with due replenishment every year.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 3,478 tones per year (including waste)after due replenishment every year, with following consideration.

1. Proponent agreed to stregthen the approach road to the quarry as per standard norms
2. To implement mine closure plan effectively after mining operation.
3. To grow trees all along the approach road during the first year of operation.
4. Mining should be carried out after due replenishment every year
5. Proponent agreed to abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020
6. To comply with the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022 and for any violation against the Directions of Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022, the Proponent would be held responsible.
7. To follow Labour laws and Mines Act in the proposed project.
8. To carry out bank stabilization works.

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 minimize dust pollution.*
6. *The PP shall grow trees all along the approach road during the first year of operation.*
7. *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.*
8. *The PP shall implement mine closure plan effectively after mining operation*
9. *The PP shall grow trees all along the approach road during the first year of operation.*
10. *Mining should be carried out after due replenishment every year*
11. *The PP shall abide by the Sustainable sand mining guidelines 2016 and Enforcement & Monitoring Guidelines 2020*
12. *The PP shall comply with the Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022 and for any violation against the Directions of Hon'ble NGT Directions in O.A 194/2020 dated 15.09.2022, the Proponent would be held responsible.*
13. *The PP shall follow Labour laws and Mines Act in the proposed project.*
14. *In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.*
15. *The proponent shall stabilize the river bank with waste materials like pebbles and planting the khus grass and suitable plant species.*

246.1.35. Grey Granite Quarry Project at Sy.No.405/*/2 of Mudgal Village, Lingasugur Taluk, Raichur District (9-02 Acres) by M/s. RVJ Granites – Online Proposal No.SIA/KA/MIN/446847/2023 (SEIAA 471 MIN 2023)

M/s. RVJ Granites have applied for Environmental clearance from SEIAA for Grey Granite Quarry Project at Sy.No.405/*/2 of Mudgal Village, Lingasugur Taluk, Raichur District (9-02 Acres)

Details of the project are as follows:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	M/s. RVJ Granites
2	Name & Location of the Project	Grey Granite Quarry Project at Sy.No.405/*/2 of Mudgal Village, Lingasugur Taluk, Raichur District (9-02 Acres) N15° 59' 24.58" E76° 27' 38.45" N15° 59' 19.46" E76° 27' 40.76" N15° 59' 15.10" E76° 27' 36.80" N15° 59' 20.21" E76° 27' 32.52"
3	Type Of Mineral	Grey Granite Quarry Project
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta
6	Area in Acres	9-02 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	10,000 Cum/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs.4.70 Crores (Rs.470 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	14,70,500Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,000 Cum/ Annum (recovery)
11	CER Activities: Propose take up 3,000 Both side of Haul road, Office area, Mudgal primary school. Or The Budget allotted will be given to Forest Department for afforestation for 1 year plan period	
12	EMP Budget	Rs. 36.62 Lakhs (Capital Cost) & Rs. 7.35 Lakhs (Recurring cost)
13	Forest NoC	02.11.2023
14	Quarry plan	05.09.2023

15	Cluster certificate	20.07.2023
16	Notification	01.07.2023
17	Revenue NoC	02.12.2022
18	DTF	23.03.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 land is fresh land no working or pits in the area and no mining has been carried out by Proponent till date and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there are another 18 leases in a radius of 500 mtr from the said lease, out of which 16 leases are exempted from cluster, as leases were granted prior to 09.09.2013 and 01 lease is exempted as EC was issued prior to 15.01.2016 and the total area of the remaining leases including the applied lease is 10-22 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 100 meters connecting lease area to the all-weather black topped road. The Committee informed that quarrying should be commenced after strengthening the approach road to the quarry and road connecting the crusher as per IRC standard norms and should 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 14,70,500 cum (including waste) and estimated the life of mine to be co-terminous with lease period.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 10,000 cum/ 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. To handle the waste generated by obtaining necessary permission
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 minimize dust pollution.*
6. *The PP shall grow trees all along the approach road during the first year of operation.*
7. *The PP shall handle the waste generated by obtaining necessary permission.*
8. *The PP shall carry out regular health checkup for the workers in the near by Hospital.*

246.1.36. Ornamental Stone (Black Granite) Quarry Project at Sy.Nos.119/1 & 119/2 of Dasanur Village, Nanjanagudu Taluk, Mysore District (3-33 Acres) by Sri G. Ananada Kumar – Online Proposal No.SIA/KA/MIN/446071/2023 (SEIAA 463 MIN 2023)

Sri G. Ananada Kumar have applied for Environmental clearance from SEIAA for Ornamental Stone (Black Granite) Quarry Project at Sy.Nos.119/1 & 119/2 of Dasanur Village, Nanjanagudu Taluk, Mysore District (3-33 Acres)

Details of the project are as follows:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri G. Ananada Kumar
2	Name & Location of the Project	Ornamental Stone (Black Granite) Quarry Project at Sy.Nos.119/1 & 119/2 of Dasanur Village, Nanjanagudu Taluk, Mysore District (3-33 Acres)
3	Type Of Mineral	Ornamental Stone (Black Granite) Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	3-33 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	14,278 Cum/ 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	1,75,350 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	4,997 Cum/ Annum (recovery)
11	CER Activities: Propose to construct WBM road from quarry location to Dasanur village road & Propose to provide 2 computers to Govt. Primary School, Dasanur Village.	
12	EMP Budget	Rs. 18.70 Lakhs (Capital Cost) & Rs. 5.02 Lakhs (Recurring cost)
13	Quarry plan	12.02.2020
14	Cluster certificate	12.09.2023
15	Notification	24.08.2023
16	Forest NOC	12.02.2020
17	Revenue	09.04.2022
18	DTF	10.05.2022

Latitude	Longitude
N 12° 02' 21.2318"	E 76° 52' 32.3839"
N 12° 02' 22.1755"	E 76° 52' 38.3050"
N 12° 02' 20.4519"	E 76° 52' 38.1764"
N 12° 02' 18.2890"	E 76° 52' 37.9475"
N 12° 02' 18.8663"	E 76° 52' 34.5988"
N 12° 02' 19.8320"	E 76° 52' 32.0555"

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 land is fresh land and no mining has been carried out by Proponent till date 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 3-33 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 830 meters connecting lease area to the all-weather black topped road. The Committee informed that quarrying should be commenced after strengthening the approach road to the quarry and road connecting the crusher as per IRC standard norms and should 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 1,75,350 cum (including waste) and estimated the life of mine 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 14,278 Cum / 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. To handle the waste generated by obtaining necessary permission
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 minimize dust pollution.*
6. *The PP Shallgrow trees all along the approach road during the first year of operation.*
7. *The PP Shall handle the waste generated by obtaining necessary permission.*
8. *The PP Shall carry out regular health checkup for the workers in the near by Hospital.*

246.1.37. Building Stone Quarry Project at Sy.No.34/P1 of Halladi - Harkadi Village, Kundapura Taluk, Udupi District (2-00 Acres) by Sri Jagannatha Shetty – Online Proposal No.SIA/KA/MIN/447121/2023 (SEIAA 473 MIN 2023)

Sri Jagannatha Shetty have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy.No.34/P1 of Halladi - Harkadi Village, Kundapura Taluk, Udupi District (2-00 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Jagannatha Shetty
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.34/P1 of Halladi - Harkadi Village, Kundapura Taluk, Udupi District (2-00 Acres)

		Latitude / Longitude N 13° 33' 05.2" / E 74° 48' 20.6" N 13° 33' 06.1" / E 74° 48' 21.6" N 13° 33' 00.1" / E 74° 48' 24.2" N 13° 32' 59.3" / E 74° 48' 23.3"
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	As per MoEF&CC OM Dt:28.04.2023
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	2-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	37,961 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.17 Crores (Rs.117 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	2,06,014 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	36,063 Tones / Annum (excluding waste)
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	Solar Power Panels in Government higher primary school at Halladi - Harkadi village
2nd	
3rd	Rain water harvesting pits to GHPS at Halladi - Harkadi village
4th	
5th	Scientific support and awareness to local farmers to increase yield of crop and fodder

12	EMP Budget	Rs. 23.02 lakhs (Capital Cost) & Rs. 6.94 lakhs (Recurring cost)
13	Forest NOC	16.06.2015
14	Quarry plan	18.03.2021
15	Cluster certificate	21.08.2023
16	Audit Report	29.08.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 obtaining EC from SEIAA as per MoEF&CC OM dated 28.04.2023, with out any change in production as mentioned in the to EC issued by DEIAA on 16.02.2017 and lease granted on 17.02.2017 with QL No.392. The Proponent submitted year wise audit report till 2022-23 certified by DMG. Proponent submitted self certified compliance for the EC issued by DEIAA as there is no increase in production.

As per the cluster sketch there are another 04 leases in a radius of 500 mtr from the said lease and the total area of all the leases including the applied lease is 6.78 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 117 meters connecting lease area to the all-weather black topped road. The Committee informed that quarrying should be commenced after asphalting the approach road to the quarry and road connecting crusheras per IRC standard norms and should grow trees all along the approach road, for which the Proponent agreed. Proponent submitted an undertaking for complying with the conditions stipulated in 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 2,06,014tons (including waste) and estimated the life of mine to be 6 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 37,961 tons/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 and towards habitation 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 minimize dust pollution.*
6. *The PP Shall grow trees all along the approach road during the first year of operation.*
7. *The PP Shall carry out regular health checkup for the workers in the near by Hospital.*

246.1.38. Expansion of Building Stone Quarry Project at Sy.No. 110 of Thylagere village, Devanahalli Taluk, Bangalore Rural District (1-00 Acre) (vide QL No.2681) by M/s. S G M Stone Crusher – Online Proposal No.SIA/KA/MIN/437444/2023 (SEIAA 469 MIN 2023)

M/s. S G M Stone Crusher have applied for Environmental clearance from SEIAA for Expansion of Building Stone Quarry Project at Sy.No. 110 of Thylagere village, Devanahalli Taluk, Bangalore Rural District (1-00 Acre) (vide QL No.2681)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	M/s. S G M Stone Crusher
2	Name & Location of the Project	Expansion of Building Stone Quarry Project at Sy.No. 110 of Thylagere village, Devanahalli Taluk, Bangalore Rural District (1-00 Acre) (vide QL No.2681)
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

Latitude	Longitude
N13°18'24.90"	E 77°40'23.00"
N13°18'24.20"	E 77°40'21.60
N13°18'26.80"	E 77°40'20.50
N13°18'27.05"	E 77°40'21.90"

6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	51,020 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	3,46,041Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	50,000 Tones / Annum (excluding waste)
11	CER Activities: Propose take up 100 No. of additional plantation on either side of the approach road from quarry location to Tylagere Village Road and Govt. School	
12	EMP Budget	Rs. 8.40 lakhs (Capital Cost) & Rs. 2.32 lakhs (Recurring cost)
13	Forest NOC	05.05.2022
14	Quarry plan	23.06.2023
15	Cluster certificate	27.06.2023
16	CCR KSPCB	03.09.2023
17	Audit Report	20.08.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 lease was granted on 10.12.2015 with QL No. 2681 and for which EC was issued earlier by SEIAA on 18.11.2015 and transfer of EC to Proponent on 06.03.2021. The Proponent submitted an audit report till 2022-23 certified by DMG dated 20.08.2023 and CCR from KSPCB dated 03.09.2023.

There is an existing cart track road to a length of 1400 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed expansion in quantity should be commenced after asphalting 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 3,46,041 Tones (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 of 51,020 Tones/Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per norms before commencing expansion in quantity.
2. To grow trees all along the approach road during the first year of operation.
3. Proponent agreed to construct garland drain around the project site.
4. To comply with the observation in CCR issued by KSPCB.
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 CTR 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 minimize dust pollution.*
6. *The PP shall construct garland drain around the project site.*
7. *The PP shall comply with the observation in CCR issued by KSPCB.*
8. *The PP Shall grow trees all along the approach road during the first year of operation.*
9. *The PP Shall carry out regular health checkup for the workers in the near by Hospital.*

246.1.39. Laterite Quarry Project at Sy.No.558/2 of Puttagi Village, Mudabidri Taluk, Dakshina Kannada District (4-89 Acres) by Sri. Abdul Razak Maliyekkal – Online Proposal No.SIA/KA/MIN/447016/2023 (SEIAA 474 MIN 2023)

Sri. Abdul Razak Maliyekkal have applied for Environmental clearance from SEIAA for Laterite Quarry Project at Sy.No.558/2 of Puttagi Village, Mudabidri Taluk, Dakshina Kannada District (4-89 Acres)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri. Abdul Razak Maliyekkal
2	Name & Location of the Project	Laterite Quarry Project at Sy.No.558/2 of Puttagi Village, Mudabidri Taluk, Dakshina Kannada District (4-89 Acres)
3	Type Of Mineral	Laterite Quarry Project
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	4-89 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	3,12,500 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.40 Crores (Rs.40 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	19,19,349 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,50,000 Tones / Annum (excluding waste)
11	CER Activities: Propose lake up 500 No. of additional plantation on either side of the approach road from quarry location to Puttige Village Road	
12	EMP Budget	Rs. 16.85 lakhs (Capital Cost) & Rs. 6.17 lakhs (Recurring cost)
13	Forest NOC	05.03.2023
14	Quarry plan	27.09.2023

Latitude	Longitude
N 13° 5' 58.8996"	E 74° 57' 26.3990"
N 13° 6' 00.9150"	E 74° 57' 28.3480"
N 13° 5' 59.8989"	E 74° 57' 32.1946"
N 13° 5' 57.8999"	E 74° 57' 31.1001"
N 13° 5' 54.3996"	E 74° 57' 25.0003"

15	Cluster certificate	27.09.2029
16	Notification	12.02.2021

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 land is fresh land and top soil was removed to check the availability of mineral and no mining has been carried out by Proponent till date 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 4.89 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 350 meters connecting lease area to the all-weather black topped road. The Committee informed that quarrying should be commenced after asphalting the approach road to the quarry as per IRC standard norms and should 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 19,19,349 ton (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 of 3,12,500 ton/ 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 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.*
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 minimize dust pollution.*
6. *The PP shall retain peripheral Trees.*
7. *The PP Shall grow trees all along the approach road during the first year of operation.*
8. *The PP Shallcarry out regular health checkup for the workers in the near by Hospital.*

246.1.40. Building Stone Quarry Project at Sy.No.34/P1 of Halladi - Harkadi Village, Kundapura Taluk, Udupi District (1-00 Acre) by Sri. Jagannatha Shetty – Online Proposal No.SIA/KA/MIN/447111/2023 (SEIAA 475 MIN 2023)

Sri. Jagannatha Shetty have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy.No.34/P1 of Halladi - Harkadi Village, Kundapura Taluk, Udupi 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. Jagannatha Shetty
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.34/P1 of Halladi - Harkadi Village,

		Kundapura Taluk, Udupi District (1-00 Acre) Latitude: N 13° 33' 02.3" – N 13° 33' 02.7" – N 13° 33' 59.9" – N 13° 33' 59.5" Longitude: E 74° 48' 31.0" – E 74° 48' 32.2" – E 74° 48' 33.8" – E 74° 48' 32.5"
3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification/Renewal	As per MoEF&CC OM Dt 28.04.2023
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	19,152 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.02 Crores (Rs.102 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	97,539Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	18,194 Tones / Annum (excluding waste)
11	CER Activities: 1st: Solar Power Panels in Government higher primary school at Halladi - Harkadi village 2nd: 3rd: Rain water harvesting pits to GHPS at Halladi Harkadi village 4th: 5th: Scientific support and awareness to local farmers to increase yield of crop and fodder	
12	EMP Budget	Rs. 26.14 lakhs (Capital Cost) & Rs. 6.04 lakhs (Recurring cost)
13	Forest NOC	16.06.2015
14	Quarry plan	18.03.2021
15	Cluster certificate	21.08.2023
16	DTF	01.12.2015
17	Audit Report	29.08.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 obtaining EC from SEIAA as per MoEF&CC OM dated 28.04.2023, with out anychange in production as mentioned in the EC issued by DEIAA on 16.02.2017 and lease granted on 17.02.2017 with QL no. 391. The Proponent submitted year wise audit report till 2022-23 certified by DMG. Proponent submitted self certified compliance for the EC issued by DEIAA as there is no increase in production.

As per the cluster sketch there are another 04 leases in a radius of 500 mtr from the said lease and the total area of all the leases including the applied lease is 6.78 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 490 meters connecting lease area to the all-weather black topped road. The Committee informed that quarrying should be commenced after asphalting the approach road to the quarry and road connecting crusher as per IRC standard norms and should grow trees all along the approach road, for which the Proponent agreed. Proponent submitted an undertaking for complying with the conditions stipulated in 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 97,539 tons (including waste) and estimated the life of mine 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 19,152 tons/ 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 and towards habitation 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 LMP 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 minimize 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.*

246.1.41. Building Stone Quarry Project at Sy.No.91 of Gabbadi Village, Kanakapura Taluk, Ramanagara District (1-15 Acres) (QL.No.986) by Sri G. A. Raju – Online Proposal No.SIA/KA/MIN/445933/2023 (SEIAA 459 MIN 2023)

Sri G. A. Raju have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy.No.91 of Gabbadi Village, Kanakapura Taluk, Ramanagara District (1-15 Acres) (QL.No.986)

Details of the project are as follows:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri G. A. Raju
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.91 of Gabbadi Village, Kanakapura Taluk, Ramanagara District (1-15 Acres) (QL.No.986)

		Latitude / Longitude: N 12° 42.633" E 77° 30.202"; N 12° 42.595" E 77° 30.200"; N 12° 42.600" E 77° 30.142"; N 12° 42.617" E 77° 30.142"; N 12° 42.633" E 77° 30.162"
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Renewal
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	1-15 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	9,468 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.20 Crores (Rs.20 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,39,180Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	8,521 Tones / Annum (excluding waste)
11	CER Activities: Propose take up 100 No. of additional plantation on either side of the approach road from quarry location to Gabbadi Village Road	
12	EMP Budget	Rs. 5.60 lakhs (Capital Cost) & Rs. 1.68 lakhs (Recurring cost)
13	Forest NOC	03.07.2014
14	Quarry plan	13.06.2023
15	Cluster certificate	16.06.2023
16	Audit Report	01.07.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 the Committeethat the proposal is for renewal of a lease which was granted earlier on 13.05.2002, with QL No. 986 which has been non-operational since 2013-14 till date and justified the same with the audit report issued by DMG dated 01.07.2023.

For the existing leases, based on the applicability of cut off dates as per clause 3 of 233rd SEIAA meeting, dated 18.04.2023, Proponent informed that they had not carried out any mining activity after 2013-14 till date and no environmental damage has been caused and requested the Committee not to consider the proposal under violation category.

The Committeeafter discussion, decided to consider the proposal based on the DMG audit report, informing that no mining activity had been carried out since 2013-14 till date, implying that there was no environmental damage/pollution and opined that as an environmental Committee, violation should be ascertained based on the damage caused to the environment and not on the procedural lapses and decided to request SEIAA to consider the deliberations of the Committee in this proposal, while handling violation cases in respect of existing lease, as there is no requirement for Damage Assessment, Remedial Plan and Community Augumentation Plan as per SOP issued by MoEF&CC, Dated:07.07.2021.

There is an existing cart track road to a length of 2.5km connecting lease area to the all-weather black topped road and the Committee informed that the quarrying operation needs to be commenced after stregthening the approach road to the quarry as per standard norms and should grow trees all along the approach road in 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 1,39,180Tones(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 9,468 tons / Annum (including waste), with following consideration,

1. Proponent agreed to stregthen the approach road to the quarry as per standard 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 minimize 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.*

246.1.42. Building Stone Quarry Project at Sy.No.34/P1 of Halladi - Harkadi Village, Kundapura Taluk, Udupi District (1-00 Acre) by Sri. Jagannatha Shetty - Online Proposal No.SIA/KA/MIN/447098/2023 (SEIAA 478 MIN 2023)

Sri. Jagannatha Shetty have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy.No.34/P1 of Halladi - Harkadi Village, Kundapura Taluk, Udupi 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. Jagannatha Shetty
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.34/P1 of Halladi - Harkadi Village, Kundapura Taluk, Udupi District (1-00 Acre)

Latitude	Longitude
N 13° 32' 58.4"	E 74° 48' 23.1"
N 13° 32' 59.8"	E 74° 48' 24.1"
N 13° 32' 57.7"	E 74° 48' 26.2"
N 13° 32' 56.7"	E 74° 48' 25.6"

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	As per MoEF&CC OM Dt 28.04.2023
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta,	Government

	Other	
6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	19,152 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.02 Crores (Rs.102 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	96,603 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	18,194 Tones / Annum (excluding waste)
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	Solar Power Panels in Government higher primary school at Hallad - Harkadi village
2nd	
3rd	Rain water harvesting pits to GHPS at Hallad - Harkadi village
4th	
5th	Scientific support and awareness to local farmers to increase yield of crop and fodder

12	EMP Budget	Rs. 21.98 lakhs (Capital Cost) & Rs. 6.05 lakhs (Recurring cost)
13	Forest NOC	16.09.2015
14	Quarry plan	18.03.2021
15	luster certificate	21.08.2023
16	DTF	01.12.2015
17	Audit Report	29.08.2023

The subject was discussed in the SEAC meeting held on 6th and 7th November 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 obtaining EC from SEIAA as per MoEF&CC OM dated 28.04.2023, with out change in production with respect to EC issued by DEIAA on 16.02.2017 and lease granted on 17.02.2017 with QL no. 393. The Proponent submitted year wise audit report till 2022-23 certified by DMG. Proponent submitted self certified compliance for the EC issued by DEIAA as there is no increase in production.

As per the cluster sketch there are another 04 leases in a radius of 500 mtr from the said lease and the total area of all the leases including the applied lease is 6.78 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 288 meters connecting lease area to the all-weather black topped road. The Committee informed that quarrying should be commenced after asphalting the approach road to the quarry and road connecting crusher as per IRC standard norms and should grow trees all along the approach road, for which the Proponent agreed. Proponent submitted an undertaking for complying with the conditions stipulated in 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 96,603 tons (including waste) and estimated the life of mine 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 19,152 tons/ Annum (including waste), with following consideration.

1. Proponent agreed to asphalt the approach road to the quarry and road connecting crusher as per IRC norms
2. To grow trees all along the approach road and towards habitation 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.*