Proceedings of the 306th SEAC Meeting held on 06th & 07th November- 2023

Members present in the meeting held on 06th November- 2023

1.	Shri. Venugopal V	Chairman
2.	Dr. Shekar H.S	Member
3.	Shri. Nanda Kishore	Member
4.	Dr. S.K. Gali	Member
5.	Shri. Vyshak V Anand	Member
6.	Shri. Dinesh MC	Member
7.	Shri. Devegowda Raju	Member
8.	Shri.Sharanabasava Chandrashekhar Pilli	Member
9.	Shri. J G Kaveriappa	Member
10.	Shri. Mahendra Kumar M C	Member
11.	Shri. B V ByraReddy	Member
12.	Dr.SarvamangalaR. Patil	Member
13.	Shri. B. Ramasubba Reddy	Member
14.	Shri. R Gokul, IFS	Member Secretary

Officials Present

1	Suhas H S	Sc O
2	Adil B	Sc O

The Chairman welcomed the members and initiated the discussion.

The proceedings of the 304thSEAC meeting held on 30thof September 2023 was read and confirmed.

Fresh Projects

EIA Projects

306.1 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)

About the Project:

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	Area Development Project (Multi Modal

		Development Projects	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	
	f.	Others Specify	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
	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 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 regarding water 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 10 mtrs 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. The Proponent informed that as per GoK Notification dated 18.11.2003, the project area falls under Zone 1, Zone 3 and Zone 4 of TGR Catchment area and as per the notification, greenbelt and approach road is proposed to be developed in Zone 1 & Zone 3, as it is a permissible activity and green category industries are proposed to be developed in Zone 4 involving storage of products with no manufacturing or processing. For handling sewage generated, the Proponent submitted revised a technology from FMR to SBR based on the feasibility and for having efficient water treatment even at lower capacity, as the project operation is being taken up in stages. For harvesting rain water, the Proponent has proposed 120 ML capacity of sump for runoff from rooftop and another tank of 76.8 MI. 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 19850 trees 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 energy 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 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 120 ML & 76.8 ML and 28 recharge pits.
2. To abide by the TGR Notification dated: 18.11.2023.
3. To explore additional provisions to be a water positive project.
4. To undertake additional plantation in the early stage of construction.
5. Proponent agreed to carry out rejuvenation in the nearby waterbody.
6. Proponent agreed to source external water from KGWA approved water tankers.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.2 High-rise Office Building Project at 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)

About the Project:

Sl. No	PARTICULARS	INFORMATIONPROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. Prestige Century Landmark & M/s. Prestige Century Megacity-e 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 KLD	Fresh	527 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)	
	c.	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	1.366 MT/Day. Biodegradable wastes will be	

		generation and mode of Disposal as per norms	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 Cu. 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 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, sensitive zone and rain water harvesting measures in the proposed area. The Proponent informed the Committee that the secondary drain is rerouted as per DC Order dated 24.03.2023 and have provided buffer of 25 mtrs on either side for the rerouted drain and for the tertiary drain in west, buffer of 15 mtr from the edge has been 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 have proposed storage tank of 1610 cum capacity for runoff from rooftop and an additional tank of 830 cum for the runoff from hardscape and landscape areas along with 30 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

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.3 Modification & Expansion of Bulk Drugs & Intermediate Project at Chicksugur Village, Raichur Taluk & District by M/s. Venus Chemicals and Drugs Pvt. Ltd. – Online Proposal No.SIA/KA/IND3/247336/2021 (SEIAA 65 IND 2021)

About the Project:

S.No.	PARTICULARS	INFORMATION Provided by PP
1.	Name of the project proponent:	**Mr. M Shankar**
2.	Name & Location of the project:	**M/s. Venus Chemicals & Drugs Pvt. Ltd.** Plot No. 196, 196(P), 197/2, Raichur Growth center Industrial area, Raichur Taluk & District, - 584134
3.	New /expansion/modification / product mix change:	Modification & Expansion of Bulk drugs and intermediates manufacturing unit
4.	Plot Area	Total - 12,519.00 sqm Existing - 4,028.00 sqm Proposed - 8,491.00 sqm
5.	Built Up Area	Total - 4,839.02 sqm Existing - 2,789.02 sqm Proposed - 1,600.00 sqm
6.	Project Cost	Rs. 8.18 Crores
7.	Component of development:	Modification & Expansion of Bulk drugs and intermediates manufacturing unit
8.	Source of water - operational phase:	KIADB
9.	Total Water Requirement (Domestic + Industrial) in KLD	Total –238.5 KLD Industrial 231.5 KLD Domestic –7.0 KLD
10.	Total wastewater generation in KLD	85.3 KLD

11.	Total effluents generation in KLD	Industrial - 79.3 KLD Domestic - 6.0 KLD
12.	Scheme of disposal of excess treated water	Not Applicable, there is no excess treated water.
13.	ETP Capacity	➢ Existing MEE of 20 KLD and BTP of 20 KLD. ➢ Presently proposing to send industrial effluent to CETP, Kadechur. ➢ Domestic sewage will be sent to septic tank (As per IS:2470 Part-I) followed by soak pit.
14.	STP Capacity	No STP provided and proposed
15.	Waste Generation & its Disposal	➢ Proposed project generates total effluent of 85.3 KLD which includes 79.3 KLD of industrial effluent and domestic effluent of 6.0 KLD. ➢ The industrial effluent will be segregated into high TDS and low TDS streams. ➢ High TDS effluent of 41.2 KLD will be treated partially in MEE of 20 KLD or collected in equalization and neutralization tank of 50 KLD and sent to CETP, Kadechur. ➢ Low TDS effluent of 44.1 KLD will be treated partially in BTP of 20 KLD or Low TDS effluent of 38.1 KLD (excluding domestic sewage) will be collected in equalization and neutralization tank of 50 KLD and sent to CETP, Kadechur. ➢ Domestic sewage will be sent to septic tank (As per IS:2470 Part-I) followed by soak pit.
16.	Solid Waste	Used PPE — 0.2 MTA E- Waste — 0.25 MTA Plastic Waste — 0.5 MTA Metal Scrap — 15 MTA Used Filters (HEPA filters, Oil Filters) — 100 Nos/A Used / Discarded RO Membranes — 0.5 MTA
17.	Hazardous Waste	Used Spent Oil — 2 KL/A Waste residue containing oil — 0.04 MTA Distillation Residue — 160 MTA Process residues and wastes — 500 MTA Spent Catalyst — 5 MTA Spent Carbon — 23 MTA Off Specification Products — 5 MTA Date expired products — 3 MTA Spent Solvent — 100 KL/A Empty barrels/ Containers/ liners contaminated with hazardous chemicals / wastes. — 12.5 MTA Contaminated cotton rags or other cleaning materials — 2.4 MTA

		Chemical sludge from wastewater treatment 130 MTA Used Lead Acid batteries 20 No's/A	
18.	Green Belt Coverage – % of total area	4,131.27 sqm (33.0% of total area)	
19.	EMP	Investment Cost – Rs. 175.03 Lakhs Maintenance Cost – 24.48 Lakhs/Annum	
20.	CER Activities	Activities ➢ Providing portable drinking water facility to Chicksugur Village ➢ Avenue plantation at Chicksugur with 700 saplings ➢ Sanitation facility to Government Higher primary School at Wadloor	

The proposal is for Modification & Expansion of Bulk Drugs and intermediates manufacturing unit. The proposed project is in KIADB industrial area. The proposed land area for expansion (8,491 sqm). lying adjacent to the existing unit, is acquired from the two nearby fly ash brick manufacturing units. The land of area 4,244 sqm at Plot No. 196 is purchased from M/s. Sri Guru Industries through Sale Agreement executed on 04.10.2021. The land of area 4,247 sqm at Plot No. 196(P) is purchased from M/s. Sugureshwar Industries through Sale Deed executed on 06.11.2021. After acquiring the land, the industry has obtained the Conversion order from the District Industries Centre for the establishment of bulk drug manufacturing unit with total proposed plot area of 12,519Sqm. Proponent informed that for the existing unit they had obtained EC from SEIAA on 30.06.2019 for manufacturing of 9 products with 88.5TPM and 2 by-products of 1.1TPM with valid CFO from KSPCB dated 21.07.2020 and submitted CCR from MoEF&CC dated 16.08.2023.

The Proponent requested the Committee to appraise the project as per the provisions in MoEF&CC Notification 16.07.2021, for projects applied under 5(f) API category between 16th July 2021 to 31st July 2021, as a B2 proposal as the present proposal was applied on 25 Dec 2021 and accordingly it was appraised as B2 project.

The Proponent informed the Committee that at any given point in time a maximum of 5 products would to be manufactured and informed about consolidated pollution load, which is as below,

CONSOLIDATEDLISTOFPROPOSEDPRODUCTSWITH QUANTITIES

SN	Name of Product	Qty (TPM)	CAS No.	Therapeutic use
1.	1-Benzyl-4-chloropiperidine	2	67848-71-9	Intermediate
	a. 1-benzyl-4-piperidone	1	3612-20-2	Donepezil HCl Intermediate
2.	1-Benzylpiperidin-4-ol	3	4727-72-4	Intermediate
3.	2-amino-3,5-dibromo benzaldehyde	2	50910-55-9	Ambroxol Intermediate
4.	2-chloromethyl-3,5-dimethyl-4-methoxypyridine hydrochloride	25	86604-75-3	Omeprazole Intermediate
5.	2-Cyano-4'-bromomethylbiphenyl (Bromo-OTBN)	2	114772-54-2	Intermediate
6.	2-hydroxy methyl -3,5-dimethyl-4-methoxy pyridine	20	86604-78-6	Omeprazole Intermediate
7.	3,5-dimethyl-4-nitropyridine-N-oxide	70	14248-66-9	Omeprazole Intermediate
8.	5-methoxy-2-[(4-methoxy-3,5-	30	73590-85-9	Omeprazole

	dimethyl-methylpyridinyl)-1H] thio benzimidazole			Intermediate
9.	5-methoxy-2-{[(4-methoxy-3,5-dimethylpyridin-2-yl) methyl] sulfinyl}-1H-benzimidazole	30	73590-85-9	Omeprazole Intermediate
10.	Ambroxol Hydrochloride	2.4	23828-92-4	To teat Asthma
11.	Amlodipine Besylate	2	88150-42-9	To treat high blood pressure
12.	Aripiprazole	2	129722-12-9	To treat schizophrenia
13.	Atorvastatin Calcium Trihydrate	3	134523-03-8	To treat cholesterol
14.	Cetirizine Dihydrochloride	3.6	83881-52-1	Anti-Allergy
15.	Ciprofloxacin Hydrochloride monohydrate	12	86393-32-0	To treat bacterial infections
16.	Cis Bromobenzoate	45	61397-56-6	Itraconazole Intermediate
17.	Domperidone	6	57808-66-9	Anti-sickness
18.	Donepezil HCl	3	120011-70-3	To treat dementia
19.	Esomeprazole	3	217087-09-7	To treat the symptoms of gastroesophageal reflux disease (GERD)
20.	Etoricoxib	4	202409-33-4	Anti-inflammatory
21.	Fexofenadine HCl	3	153439-40-8	Antihistamine
22.	Fluconazole	6	86386-73-4	To treat fungal infection
23.	Itraconazole	4	84625-61-6	Anti-fungus
24.	Lansoprazole	2	103577-45-3	To treat the symptoms of gastroesophageal reflux disease (GERD)
25.	Luliconazole	3	187164-19-8	To treat tinea pedis
26.	Olmesartan Medoximil	4	144689-63-4	To treat high blood pressure
27.	Omeprazole	45	73590-58-6	Indigestion and heartburn
28.	Omeprazole Sodium	12	95510-70-6	metabolism-dependent inhibitor
29.	Pantoprazole Sodium	12	138786-67-1	To treat damage from gastroesophageal reflux disease
30.	Posaconazole	2	171228-49-2	To prevent certain fungal infections
31.	Pregabalin	3	148553-50-8	To treat epilepsy and anxiety
32.	Rabeprazole Sodium	4	117976-90-6	To treat gastritis
33.	Sertraline Hydrochloride	4.5	79617-96-2	To treat depression
34.	Telmisartan	4	144701-48-4	Anti-hypertensive
35.	Triphenyl Phosphine	5	603-35-0	Used in the synthesis of organic and organometallic compounds
36.	Valsartan	2	137862-53-4	Angiotensin Receptor Blockers (ARBS)

	R&D Products	0.2	-	-
	Total (Any 5 Products)	**220**		

LIST OF PROPOSED BY-PRODUCTS

Name Of the Product	Name Of the By Product	Qty in TPM
Omeprazole	Ammonium Sulphate	255.4
	Sodium Nitrite	14.3
	Sodium Sulphite	23.8
Donepezil Hcl	Aluminium Hydroxide	0.5
2-Chloromethyl-4-Methoxy-3,5-Dimethylpyridine Hydrochloride	Ammonium Sulphate	39.6
3,5-Dimethyl-4-Nitro-Pyridine N-Oxide	Ammonium Sulphate	67.1
5-Methoxy-2-{[(4-Methoxy-3,5-Dimethylpyridin-2-Yl) Methyl] Sulfinyl}-1h-Benzimidazole	Ammonium Sulphate	10.4
2-Hydroxy Methyl -3,5-Dimethyl-4-Methoxy Pyridine	Ammonium Sulphate	37.1
Triphenyl Phosphine	Phosphorus Oxy Chloride	3.5
Fluconazole	Aluminium Chloride Solution	4.5
	Triethyl Amine Hydrochloride	3.0
Omeprazole Sodium	Sodium Sulphate	5.5
Ciprofloxacin Hydrochloride	Piperazine Hcl	4.1

CONSOLIDATEDPOLLUTION LOAD

Kg per day													
EFFLUENT WATER								SOLID WASTE					
Water in put	Water in Effluent	Organics in effluents	TDS	COD	HTDS	LTDS	Total Effluent	Organic	Distillation Residue	Inorganic	Spent carbon	Spent Solvent	Process Emission
25698.70	27138.84	1566.73	4259.69	2454.82	31262.9	78.00	31340.9	700.59	486.71	799.78	70.67	10.00	2393.88

GASEOUS EMISSIONS

Sl. no.	Stack attached to	Fuel used	Fuel consumption	Number of stacks	Stack/s height	Predicted emissions	Air pollution control unit
EXISTING							
1.	Process section	-	-	2	3 m ARL	Acid mist	Scrubber (3 no's)
2.	**D.G. set – 250 KVA**	Diesel (L/hr)	52	1	5 m ARL	SOx, NOx, PM	Acoustic Enclosures
3.	**Boiler – 3 TPH**	Coal (TPD)	6	1	32 m AGL	SOx, NOx, PM	Multi-cyclone separators
PROPOSED							
4.	Process section	-	-	2	10 m AGL	Acid Mist	Scrubber (2 no's)
5.	**Boiler - 3 TPH**	Coal (TPD)	6	1	35 m AGL	SOx, NOx, PM	Multi Cyclone separator with Bag Filter
		Briquette (TPD)	**8**				
6.	**Boiler -5 TPH**	Coal (TPD)	10				
		Briquette (TPD)	14				
7.	**D.G. set – 250 KVA**	Diesel (L/hr)	52	1	6 m AGL	SOx, NOx, PM	Acoustic Enclosures
8.	**Thermic Fluid Heater-2,00,000 Kcal/hr**	Diesel	700	1	15 m AGL	SOx, NOx, PM	Chimney

PROCESS EMISSIONS

Sl. No.	Name of the Gas	Quantity in kg/d			Treatment Method	Disposal Method
		Existing	Proposed	Total		
1.	Hydrogen Chloride	10.98	869.22	880.2	Scrubbed by using water media	Generated Dil. HCl will be reused within the industry
2.	Ammonia	--	26.22	26.22	Scrubbed by using water media	Generated NH_4OH will be reused within the industry
3.	Hydrogen Bromide	-	670	670	Scrubbed by using C.S. Lye solution	Scrubbed effluent will be sent to MEE/CETP
4.	Sulphur Dioxide	23.9	995	1018.9		
5.	Carbon Dioxide	19.83	166.94	186.77	Dispersed into atmosphere	
6.	Oxygen	19.85	--	19.85		
7.	Nitrogen	2.45	-	2.45	Dispersed into atmosphere	
8.	Hydrogen	1.1	15.65	16.75	Dispersed into atmosphere through flame arrestor	

DETAILS OF HAZARDOUS & SOLID WASTE

Sl. no.	Category of HW	Type/Name of Hazardous waste	Quantity (MT/ Annum)			Disposal Method
			Existing	Proposed	Total	
1	5.1	Used Spent Oil	2 KL/A	–	2 KL/A	Shall be stored in secured manner & handed over to KSPCB authorized re-processors.
2	5.2	Waste residue containing oil	0.02 MT/A	0.02 MT/A	0.04 MT/A	Shall be stored in secured manner & handed over to KSPCB authorized vendors
3	20.3	Distillation Residue	–	160 MT/A	160 MT/A	Shall be stored in secured manner & handed over to KSPCB authorized recyclers
4	28.1	Process residues and wastes	10 MT/A	490 MT/A	500 MT/A	Store in secured manner and hand over to authorized cement industry for Co-processing/TSDF
5	28.2	Spent Catalyst	5 MT/A	--	5 MT/A	Shall be stored in secured manner and handed over to KSPCB authorized recyclers
6	28.3	Spent Carbon	12 MT/A	11 MT/A	23 MT/A	Store in secured manner and hand over to authorized cement industry for Co-processing
7	28.4	Off Specification Products	3 MT/A	2 MTA	5 MTA	Store in secured manner and hand over to authorized cement industry for Co-processing/TSDF
8	28.5	Date expired products	2 MT/A	1 MTA	3 MTA	Store in secured manner and hand over to authorized cement industry for Co-processing/TSDF
9	28.6	Spent Solvent	100 KL/A	--	100 KL/A	Shall be stored in secured manner and handed over to KSPCB authorized recyclers
10	33.1	Empty barrels/ Containers/ liners contaminated with hazardous	6 MT/A	6.5 MT/A	12.5 MT/A	After complete detoxification, shall be disposed to the outside agencies.

		chemicals / wastes.				
11	33.2	Contaminated cotton rags or other cleaning materials	–	200 Kgs/month	200 Kgs/month	Store in secured manner and hand over to KSPCB Authorized Vendor
12	35.3	Chemical sludge from wastewater treatment	130 MT/A	--	130 MT/A	Shall be stored in secured manner & handed over to KSPCB authorized TSDF/co-processing in cement klin
13	A1160	Used Lead Acid batteries	--	20 No's/Annum	20 No's/Annum	Returned back to dealer/ Supplier
Other & Miscellaneous Solid Wastes						
14	–	Coal Ash	--	3 TPD	3 TPD	Sent to brick manufacturers
15	--	Briquette Ash	–	7 TPD	7 TPD	Sent to fertilizer industry
16	–	Residues from Scrubber	--	2765 Kgs/ day	2765 Kgs/ day	Shall be stored in secured manner & handed over to TSDF.
17	–	Used PPE	–	15 Kgs/ Month	15 Kgs/ Month	Sent to authorized vendor
18	B1110	E- Waste	–	250 Kgs/ Annum	250 Kgs/ Annum	Authorized recyclers
19	–	Plastic Waste	–	500 Kgs/ Annum	500 Kgs/ Annum	Authorized recyclers
20	DB1010	Metal Scrap	–	15 TPA	15 TPA	Sale to outside agencies/ recyclers
21	--	Used Filters (HEPA filters, Oil Filters)	--	100 Nos/year	100 Nos/year	Sent to TSDF
22	--	Used / Discarded RO Membranes	--	0.5 TPA	0.5 TPA	Sent to TSDF

The Proponent has informed about consolidated pollution load and details regarding management of Hazardous Waste. The Proponent informed that the solvents and spent solvents would be stored in such a way that there would be no risk to the employees working in the project site and surrounding areas. The Proponent also informed that he would send the effluents and Hazardous Waste to authorized KSPCB vendors and even for the existing unit, effluents generated are being sent to Mother Earth (CETP) after primary treatment.

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

The Committee noted that the baseline parameters are found to be within permissible limits and after discussion decided to recommend the proposal to SEIAA for issue of E.C. with following additional considerations,

1. Proponent agreed to use only briquittes as boiler fuel and agreed to use gas connection when made available.
2. Proponent agreed to process trade effluent from manufacturing activity to be treated up to Primary treatment and then disposed to nearby CETP.
3. To store the solvents as per the guidelines in safest manner possible.
4. To comply with the Observations made in the CCR issued by MoEF&CC

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.4 Modification & Expansion of Active Pharmaceutical Ingredients (API's) and Intermediates Manufacturing Unit Project at Chicksugar Village, Raichur Growth Center Industrial Area, Raichur Taluk & District by M/s. Vaidhatru Pharma Pvt. Ltd. – Online Proposal No.SIA/KA/IND2/206953/2021 (SEIAA 30 IND 2021)

About the Project:

S. No.	PARTICULARS	INFORMATION Provided by PP
1.	Name of the project proponent:	**Mr. C V Bhaskar Reddy**
2.	Name & Location of the project:	**M/s. Vaidhatru Pharma Private Limited** Survey No. 106, Plot No. 28, Chicksugur, Raichur Growth Centre Industrial Area, Raichur, Karnataka - 584134
3.	New /expansion/modification / product mix change:	Modification & Expansion of Active Pharmaceutical Ingredients (API's) and intermediates manufacturing unit
4.	Plot Area	31,896.00 sqm
5.	Built Up Area	8,684.70 sqm
6.	Project Cost	Rs. 15 Crores
7.	Component of development:	Modification & Expansion of Active Pharmaceutical Ingredients (API's) and intermediates manufacturing unit
8.	Source of water - operational phase:	KIADB
9.	Total Water Requirement (Domestic + Industrial) in KLD	Total - 202.7 KLD Industrial - 199.1 KLD Domestic - 3.6 KLD
10.	Total wastewater generation in KLD	91.3 KLD
11.	Total effluents generation in KLD	Industrial - 88.3 KLD Domestic - 3.0 KLD
12.	Scheme of disposal of excess treated water	Not Applicable, there is no excess treated water.
13.	ETP Capacity	➢ Existing MEE of 30 KLD and BTP of 20 KLD. ➢ Presently proposing to send industrial effluent to CETP, Kadechur. ➢ Domestic sewage will be sent to septic tank (As per IS:2470 Part-I) followed by soak pit.

14.	STP Capacity	No STP provided and proposed
15.	Waste Generation & its Disposal	➢ The proposed project generates total effluent of 91.3 KLD which includes 88.3 KLD of industrial effluent and domestic effluent of 3.0 KLD. ➢ The industrial effluent will be segregated into high TDS and low TDS streams. ➢ High TDS effluent of 33.8 KLD will be treated partially in MEE of 30 KLD or collected in equalization and neutralization tank of 40 KLD and sent to CETP, Kadechur. ➢ Low TDS effluent of 54.5 KLD (excluding domestic sewage) will be treated partially in BTP of 20 KLD or will be collected in equalization and neutralization tank of 60 KLD and sent to CETP, Kadechur. ➢ Domestic sewage will be sent to septic tank (As per IS:2470 Part-I) followed by soak pit.
16.	Solid Waste	Coal ash: 3500 kg/day In organic Solid Waste: 811 kg/day
17.	Hazardous Waste	Coal ash: 3500 kg/day In organic Solid Waste: 811 kg/day Used oil: 1 KL/A Spent solvents: 75 KL/A Distillation residues: 75 MT/A Process residue and wastes: 3298 kgs/day Spent carbon + Hyflow: 149.61 kg/day Off Specification products: 500 Kgs/M Date expired products: 1 TPA Spent solvents: 1 KL/Day Discarded Chemical Containers: 80 No's/A MEE Sludge: 224.4 MT/A
18.	Green Belt Coverage - % of total area	17,963.00 sqm (56.3% of total area)
19.	EMP	Investment Cost – Rs. 252 Lakhs Maintenance Cost – 45 Lakhs/Annum
20.	CER Activities	Activities Providing smart class (Desktop-3 No's, Laptop- 2 No's, Projector with screen-2No's) to Govt Primary School, Chicksugur

The proposal is for modification and expansion of Active Pharmaceutical Ingredients and Intermediates Manufacturing Unit. The Proponent informed that for the existing unit they had obtained EC from MoEF&CC on 16.01.2013 for manufacturing of 12 products with 10.5TPM with valid CFO from KSPCB dated 09.11.2020 and submitted CCR from MoEF&CC dated 16.08.2023. The Proponent informed the Committee that as per the provisions in MoEF&CC Notification 16.07.2021, for projects applied under 5(f) API category between 16th July 2021 to 31st July 2021, it shall be appraised as B2 proposals and as the present proposal was applied on 30.03.2021, accordingly categorized as B2 project.

The Proponent informed the committee that at any given point of time Maximum of 8 products to be manufactured and informed about consolidated pollution load, which is as below,

CONSOLIDATEDLISTOFPROPOSEDPRODUCTSWITH QUANTITIES

S. No	Name of the Product	Quantity in TPM	Therapeutic Use
1.	AtorvastatinCalcium	5	Totreatcholesterol
2.	Canagliflozin	2	Usedalongwithdiet
3.	Captan	2	Endocrinedisruptors
4.	ClopidogrelBisulphate	5	Cardiovascular
5.	Dapagliflozin	4	Anti-diabetic
6.	DextromethorphanHydrobromide	4	Antitussive
7.	Domperidone	5	Anti-sickness
8.	Efavirenz	5	Anti-retroviral(ARV)(Non-nucleosideReverseTranscriptaseinhibitor)
9.	Empagliflozin	5	Anti-diabetic
10.	Folpet	3	Endocrinedisruptors
11.	Ganciclovir	2	Anti-viral
12.	HydroxyUrea	4	Totreatpolycythemiavera
13.	Irbesartan	2	Anti-hypertension
14.	Itopride Hydrochloride	4	To treat symptoms of functionaldyspepsia
15.	Lornoxicam	4	Non-steroidal anti-inflammatory drug (NSAID)
16.	Losartan Potassium	5	Anti-hypertension
17.	Minoxidil	4	Anti-hypertension
18.	Montelukast Sodium	3	Antiretroviral
19.	Moxifloxacin Hcl	5	Anti-bacteria
20.	Naproxen	5	Antipsychotic
21.	Olmesartan	5	To treat high blood pressure
22.	Oseltamivir Phosphate	2	Anti-viral
23.	Paroxetine Hydrochloride Hemihydrate	3	Selective serotonin reuptakeinhibitor (SSRI)
24.	Telmisartan	3	Anti-hypertension
25.	Terbinafine Hcl	3	Anti-fungal
26.	Valsartan	4	Anti-hypertension
27.	Fexofenadine hydrochloride	0.5	Anti-histamine
28.	LevocetirizineDihydrochloride	2	To relieve runny nose
29.	Pantoprazole Sodium	2	To treat gastritis
30.	Rabeprazole Sodium	1	To treat gastritis
31.	Sparfloxacin	1	Antibiotic
32.	Tramadol HCl	0.5	To relieve moderate pain
33.	Enalapril maleate	0.5	To treat hypertension
34.	R & D	0.1	
	TOTAL (8 PRODUCTS)	**40 TPM**	

CONSOLIDATEDPOLLUTION LOAD

Kg per day											
EFFLUENT WATER								SOLID WASTE			
Water in put	Water in Effluent	Organics in effluents	TDS	COD	HTDS	LTDS	Total Effluent	Organic	Inorganic	Spent carbon	Process Emission
38,280.10	41,773.30	802.05	3,315.97	1,529.32	30,848.70	14,788.70	45,637.50	3,459.64	2,771.42	182.64	824.51

GASEOUS EMISSIONS

Sl.	Source of air Pollution	Type of Fuel	Chimney height (in m) AGL	Constituentsto be controlled	Air pollution control system
EXISTING					
1	Boiler – 3.5 TPH X 1	Briquettes /Coal	32 m AGL	PM, SO_2, NO_x	Multi cyclone separator
2	DG Set 380 kVA X 1	HSD	5 m ARL	PM, SO_2, NO_x	Acoustic Measures
3	Process Emission	—	5 m ARL	Acid Mist	Scrubber (2 nos.)
4	Thermic Fluid Heater 2 Lakh Kcal	HSD	15 m AGL	PM, SO_2, NO_x	Dust Collector
PROPOSED					
4	DG Set – 400 kVA X 1	HSD	6 m ARL	PM, SO_2, NO_x	Acoustic Measures

PROCESS EMISSIONS

S. No	Name of the Gas	Quantity Kgs/Day	Disposal Method
1	Hydrogen chloride	119.55	Scrubbed by using water media
2	Carbon dioxide	288.42	Dispersed into atmosphere
3	Hydrogen	24.23	Dispersed into atmosphere
4	Oxygen	74.89	Scrubbed by using water media
5	Sulfur dioxide	32.76	Scrubbed by using C.S. Lye solution. The generated effluent will be sent to MEE/CETP along with high TDS effluent.
6	Hydrogen Bromide	28.37	
7	Hydrogen iodide	49.73	
8	Ammonia	121.86	Dispersed into atmosphere through flame arrester

DETAILS OF HAZARDOUS & SOLID WASTE

Sl. No	Name of the hazardous waste	Cat.	Quantity			Disposal Method
			Existing	Proposed	Total	
1	Used oil	5.1	1 KL/A	-	1 KL/A	Store in a secured

						manner and hand over to authorized re-processor/recycler
2	Spent solvents	20.2	75 KL/A	-	75 KL/A	Store in secured manner and hand over to authorized recycler
3	Distillation residues	20.3	75 MT/A	-	75 MT/A	Store in secured manner and hand over to authorized incinerator / Co-processing in cement kiln
4	Process residue and wastes	28.1	-	3298 kgs/day	3298 kgs/day	Store in secured manner and hand over to authorized incinerator / Co-processing in cement kiln
5	Spent carbon + Hyflow	28.3	-	149.61 Kg/day	149.61 Kg/day	Store in secured manner and hand over to authorized incinerator / Co-processing in cement kiln
6	Off Specification products	28.4	-	500 Kgs /Month	500 Kgs /Month	Store in secured manner and hand over to authorized incinerator / Co-processing in cement kiln
7	Date expired products	28.5	-	1 TPA	1 TPA	Store in secured manner and hand over to authorized incinerator / Co-processing in cement kiln
8	Spentsolvents	28.6	-	1 KL/Day	1 KL/Day	Store in secured manner and hand over to authorized recycler
9	Discarded Chemical Containers	33.1	60 No's/A	20 No's/A	80 No's/A	Store in secured manner and hand over to authorized recycler
10	MEE Sludge	34.3	224.4 MT/A	-	224.4 MT/A	Store in secured manner and hand over to authorized TSDF/ Co- processing in cement kiln
11	Coal ash	--	-	3500 Kg/day	3500 Kg/day	Sent to Brick Manufacturers
12	In organic Solid Waste	--	-	811 kg/day	811 kg/day	In organic Solid Waste

The Proponent has informed about consolidated pollution load and details regarding management of Hazardous Waste. The Proponent informed that the solvents and spent solvents would be stored in such a way that there would be no risk to the employees working in the project site and surrounding. The Proponent also informed that he would send the effluents and Hazardous Waste to authorized KSPCB vendors and even for the existing unit, effluents generated are being sent to Mother Earth (CETP) after primary treatment.

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

The Committee noted that the baseline parameters are found to be within permissible limits and after discussion decided to recommend the proposal to SEIAA for issue of E.C. with following additional considerations,

1. Proponent agreed to use only briquittes as boiler fuel and agreed to use gas connection when made available.
2. Proponent agreed to treat trade effluent from manufacturing activity up to Primary treatment and then dispose it to nearby CETP.
3. To store the solvents as per the guidelines in safest manner possible.
4. To comply with the Observations of CCR issued by MoEF&CC

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.5 Proposed Capacity: 95 TPD Sponge Iron, 5 MW Power Plant, 4.99 LTPA Mineral Beneficiation plant at Sy.Nos.75, 64/1, 73/3, 73/5, 73/6, 74/1, 74/2, 76/2 of Kerehalli Village, Hitnal Hoball, Koppal Taluk, Koppal District by M/s. Koppal Steel Pvt. Ltd. – Online Proposal No.SIA/KA/IND1/434164/2023 (SEIAA 28 IND 2022)

A About the Project:

Sl. No.	Particulars	Information Provided By PP
1	Name of the project proponent:	**M/s. Koppal Steels Private Limited**
2	Name & Location of the project:	M/s. Koppal Steels Private Limited., Kerehalli village, Koppal taluk, Koppal District,
3	New /expansion /modification /Product mix change:	New
4	Capacity	4.99 LTPA Beneficiation plant, 95 TPD DRI plant (Sponge Iron)& 5.0 MW WHRB power plant
5	Plot Area	32.175 Acres
6	Built Up Area	16.57Acres
7	Land use pattern Green Belt Coverage - % of total area (trees proposed) Ground Cover area Kharab, Others.	Green Belt – 33.40 % & (Outside Plant Area - 2.50 Acres) Trees Proposed – 8600 Ground Cover Area – 32.175 Acres Others – 0.0
8	Project Cost	98.0 Crores
9	Type of Industries	Iron ore & Ferrous Industries
10	Source of water -operational phase:	Ground Water
11	Total Water Requirement (Domestic + Industrial) in KLD	3386 KLD
12	Fresh Water in KLD Recycled water in KLD	850 KLD 2526 KLD
13	Total waste water generation in KLD	-
14	Total effluents generation in KLD	-
15	Scheme of disposal of excess treated water	-
16	Quantity of Tailings and its management	333 TPD The tailings will be sold to the cement plant in the form of cake.
17	ETP Capacity	-
18	STP Capacity	10 KLD
19	Types of waste Generation & its Disposal	**Solid Waste** / **Proposed (Ton)** / **Mode of Disposal** Tailings / 333 TPD / The tailings will be sold to Cement plant in the form of cake. Fly ash/ Bottom ash / 24 TPD / Filling/Brick Manufacturers Dolochar / 09 TPD / Re used in process/ Brick industry
20	Solid Waste	Tailings, Fly ash, Dolochar

<table>
<tr><td>21</td><td>Hazardous Waste and its handling</td><td>Used oil/waste oil– 0.85 TPA
Disposal Mode: It will supply to the authorized recyclers</td></tr>
<tr><td>22</td><td>CER Activities</td><td>➢ Distribution of Books at Govt School – Kerehalli Village
➢ Distribution of utensilsand maintaining of kitchen of Gvt. School to facilitate Government's Mid-Day Meals program.
➢ Providing Printer, LED TV, Computer & Sports Accessories to Government School at Kerehalli village.
➢ Appointment of Doctor for half yearly medical checkup to the nearby villages and employees.
➢ Provided support to Sport Events held at Govt. Schools.
➢ Plantation at Kerehalli – Dec 2023.
➢ Developing the computer lab for Govt. High school, in Kerehalli village.</td></tr>
<tr><td>23</td><td>EMP Budget</td><td><table>
<tr><th>Sl No.</th><th>Particulars</th><th>No.</th></tr>
<tr><td>I</td><td></td><td></td></tr>
<tr><td>1</td><td>Water sprayer (Mobile)</td><td>1</td></tr>
<tr><td>2</td><td>Cement masonry / garland drains/ 20 Gully checks</td><td>2560m</td></tr>
<tr><td>3</td><td>Drains along roads (both sides)</td><td>1500 m</td></tr>
<tr><td>4</td><td>Silt Settling tank and Rain water harvesting tank</td><td>1 each</td></tr>
</table></td></tr>
<tr><td></td><td>EMP
Construction.
Operation.</td><td>AIR
➢ Asphalting of the connecting road and maintenance.
➢ Water sprinkling and dry fog type dust suppression system will be provided.
➢ The greenbelt & plantation will be developed in and around the plant.
NOISE (Construction Phase)
➢ Selection of low noise generation machinery / equipment.
➢ All vehicles will silencers to minimize the noise
NOISE (Operation Phase)
➢ The most of the equipment shall be designed to comply with the stipulated limit of 85dB(A).
➢ Vibration isolators will be provided to reduce vibration and noise wherever possible.
WATER (Construction Phase)
➢ Proper drainage of wastewater from the construction sites will be made, so that</td></tr>
</table>

		such waters do not form stagnant pools nor aggravate soil erosion. ➢ Proper and effective Environmental Management Planning will be implemented to minimize the water usage. WATER (Operation Phase) ➢ The wastewater generated will be treated and reused in circuit again and again. ➢ The tailing pond will be designed such that no waste water will percolate and mix with ground water. SOIL (Construction Phase) ➢ Water spraying shall be carried out on the roads inside the plant where vehicles carrying materials. ➢ The materials brought for construction will be stored covered with plastic/tarpaulin sheets and all the discarded materials will be disposed of regularly and shall keep the place neatly. SOIL (Operation Phase) ➢ Dust emissions sources due to vehicular movement will be sprayed by water. ➢ Parking areas shall be identified. Unnecessary idling of vehicular movements shall be restricted. Vehicle speed shall be restricted to <15 kmph.
24	EMP DRI Plant	**ACTION PLAN FOR CONTROL OF STACK EMISSION MEASURES** ➢ The waste gas generated in DRI process will be re-circulated generate electricity through WHRB power plant. ➢ Wet scrubbing and Electrostatic precipitator (ESP) will be part of environment management system to clean the gases from DRI. ➢ Regular cleaning and maintenance of the air pollution control system will be carried out. ➢ The height of the chimneys will be increased based on requirement. ➢ Apart from road transport, the transportation of coal and other material will be preferably done by railway. ➢ Coal will be stored in a closed shed. **MEASURES FOR FUGITIVE EMISSION CONTROL** ➢ The vehicle carrying coal and iron ore will be covered with tarpaulin. ➢ All Internal roads will be cemented to prevent

		the fugitive dust emission due to vehicular movement. ➢ Speed limit in plant premises will be in control. ➢ All transportation vehicles carry/will carry a valid PUC (Pollution under Control) Certificate. ➢ Proper traffic management is being/will be undertaken. ➢ Proper servicing& maintenance of vehicles is being/will be carried out. ➢ Adequate greenbelt development. ➢ Dust masks are being/will be provided to workers coming in direct contact of fugitive emissions. ➢ Water Sprinkling/Dry fog type dust suppression system will be provided. ➢ Adequate spares of critical components of dust and gas collection systems to ensure trouble - free operations. ➢ Ambient air quality is being/will be regularly monitored to keep a check on the emissions of different pollutants.

The proposal is for expansion of sponge iron plant from 2x50TPD to 195TPD with an additional iron ore beneficiation capacity of 4.99 LTPA. The Proponent informed that for the existing unit, they had obtained EC from SEIAA on 07.01.2010 and transfer of EC to the Proponent on 27.12.2021 and valid CFO from KSPCB dated 29.03.2021 and the present proposal is for establishment of 2x50 TPD (existing) & 1x95TPD DRI plant and an ore beneficiation capacity of 4.99 LTPA, in an area converted for industrial purpose. ToR was issued by SEIAA on 08.11.2022 and public hearing was conducted on 21.02.2023 and the Proponent had obtained CCR from MoEF&CC dated 24.05.2023.

During the appraisal, the committee sought details regarding disposal of tailings, handling of fugitive emissions, cumulative emission details considering existing and proposed plants and details as per village map. The Proponent informed about the control measures that would be taken in and around the beneficiation plant and informed that the total water requirement for the plant is 850 KLD out of which 400 KLD is for beneficiation out of which about 89% of water will be recovered and recirculated. With regard to handling tailings, Proponent informed that about 333TPD of tailings would be generated per day and tailings from filter press/tailing pond will be recovered in the form of cake and would be disposed to cement plant and said that no chemicals would be used in the beneficiation process and run-off water from the plant area will be routed through garland drains to silt settling tank to settle suspended solids.

Further the Proponent informed about the control measures would be taken for sponge iron plant such as action plan for control of stack emission measures and informed about the methods that would be adopted for controlling fugitive emission like concreting the internal roads, adequate green belt development, regular sprinkling of water (dry fog dust suppressing system), regular monitoring of ambient air quality, transport vehicles considered with Pollution under control certificate, etc.

Further, the Proponent informed the Committee that for the drain in the western side of the project area they have maintained a buffer of 10mtrs from the edge of the drain.

The Proponent has collected baseline data of air, water, soil and noise which are all 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 statutory guidelines for the proposed construction/operation and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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 to reduce dependency on groundwater.

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

1. To adhere to the compliance given in response to the opinion of public expressed during public hearing (mainly to provide employment for local people).
2. To carry three rows of plantation all along the boundary of the project and approach road to the industry.
3. Proponent agreed to retain the natural drains with buffers.
4. To provide STP within the site area.
5. To provide stack height more than 30mtrs.
6. To comply with the observations in CCR issued by MoEF&CC

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.6 Kadur Pink Granite Quarry Project at 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)

About the project:

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 /	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"

	Ton	
10	Permitted Quantity Per Annum - Cu.m / Ton	3,600 Cum/ Annum (recovery)
11	CER Activities:	
	Corporate Environmental Responsibility	Solar Panel Provide at Kadur School Health Camp at Kadur Village
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 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. The Committee 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 12,000 cums/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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for fu necessary action.

306.7 Residential Apartment Project at 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)

About the Project:

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 at** 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	Demolition waste debris of quantity 30 m^3 will be

		or Excavated earth	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 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	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	Towards	Existing	Changed scenario after road widening
		Approach road		A	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 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 9 mtr is proposed from the edge of drain and for harvesting rain water, they have proposed storage tank of 70cum for 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 70cum and 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.8 Residential Apartment Project at 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)

About the Project:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	**M/s. Trifecta Projects Pvt Ltd,** 13th Floor, Trifecta Adatto Sy.Nos.66/2 & 67/1, Whitefield Main Road 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 & 43/4B of Kodathi Village, Varthur hobli, Bangalore East Taluk, Bangalore
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	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	1164 kg/day converted in to organic manure and used for garden	

		norms	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 Sulphure 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 proposal is for construction of residential apartment project in an area earmarked for agriculture use as per RMP of BDA, for which Proponent informed 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 have proposed storage tank of 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

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

About the Project:

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, Harohalli Hobali, 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 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	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 proposal is for construction of Hostel building project in an area earmarked for residential use as per Kanakapura Planning Authority.

The Committee during appraisal sought details regarding H/T line passing through the project area and rain water harvesting provisions proposed in the project. The Proponent informed the Committee that for the H/T line a buffer of 26mtr is proposed on either sides and for harvesting rain water, they have proposed a storage tank of 3x250cum capacity 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.10 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)

About the Project:

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	**"Residential Apartment and Club House" Project at** 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 ~~/ Villas / Row Houses / Vertical~~	Residential Apartment Category 8(a) as per EIA Notification 2006

		~~Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other~~	
	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 treated water if any	Excess 47 KLD for construction works/Avenue 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	158 kg/day This will be segregated at household levels and will	

		as per norms	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 capacity in KVA for Standby Power Supply	275 kVA - 2 Nos.
	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	Road: Gattahalli Road – Towards: – – Existing: 0.26 – 'B' – Changed after road widening: 0.36 – 'B' Road: Sarjapura main Road – Towards: Sarjapura – Existing: 0.63 – 'D' – Changed after road widening: 0.32 – 'B' Road: Sarjapura main Road – Towards: ORR – Existing: 0.66 – 'D' – Changed after road widening: 0.34 – 'B'
	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

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 have 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.11 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)

About the Project:

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 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	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 Traffic Study Report	Road: Thanisandra main Road; Towards: Bagalur; Existing: C; Changed: C Towards: Nagavara; Existing: C; Changed: C	
c.	Internal Road width (RoW)	25 m wideThanisandra main road	
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 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 a existing public road in the area demarcated as cart track in village map. For harvesting rain water, the Proponent informed the Committee that they have proposed storage tank of 66cum capacity for runoff from rooftop, hardscape and landscape areas along with 16 recharge pits within the project area. For the existing building, Proponent informed that the demolition debris of 350cum would 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

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.12 Commercial (Office) Building Project at Bellandur Amanikere Village, Varthur Hobli, Bangalore East Taluk, Bangalore by M/s. Sumadhura Paltinum Square Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/447708/2023 (SEIAA 209 CON 2023)

About the Project:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	M/s. SumadhuraPaltinum Square Pvt Ltd, 108/2, Millenia Building, 1st 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 Bellandur Amanikere Village, Varthur Hobli, 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	5867.34 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	SKLD		
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	14.9% savings		

		plan for utilization of solar energy as per ECBC 2007	
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	92.0 Lakhs
		▪ Operation Phase	597.0 lakhs

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 for the primary drain in south west, 50 mtr buffer is provided from center of primary drain and for tertiary drain in north east, 15 mtr 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 have proposed storage tank of 600cum 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 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 rain water storage tank of 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

Action: **Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

306.13 Residential Apartment Project at 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)

About the Project:

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 units distributed overBF+GF+10UF with 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	2,288.575qm	
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 and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Cu. Wound transformer, Solar Lights, solar water heater, LED,energy efficient PHE 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	Towards	Existing	Changed
			Dr. Vishnuvardhan Road	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 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 for the primary drain in northern and southern sides, buffer of 50mtr is proposed for both the drains from the center and there is existing public road in north. With regard to sensitive zone, Proponent informed that they had obtained sensitive zone clearance from BDA on12.10.2023. With regard to harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of 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 all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide rain water storage tank of 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

Action: **Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

306.14 Residential Apartment Building Project at 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)

About the Project:

Sl. No	PARTICULARS	INFORMATIONPROVIDED 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 supplers		
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 Heater : 20,000 kWH/ Year.....(a) • Solar Power Generation : • In non-monsoon season 60 kWH x 30 x 8 Months = 14,400kWH • In monsoon season 40kWH x 30 x 4 Months = 4,800 kWH • Total SPV Power Generation in a year = 0.192 L kWH / Annum.....(b) • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.20+ 0.192 L. KWH = 0.392 L / Annum .....(c) • Total energy savings = 26.84%
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: 1st — Corporate Environmental Responsibility (CER): 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 • Operation Phase	36.86 Lakhs Capital and 16.3 Lakh Recurring 49.23 Lakhs capital and 877 Lakh Recurring	

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 all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide rain water storage tank of capacity 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.15 Residential & Commercial Building Project at 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)

About the Project:

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 Nos 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	RESIDENTIAL APARTMENTS 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 25/5/24. 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 .o. 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	Allowable height/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 450Kwarts 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 traffic flow. 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 PHASE

	Capital Cost	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 Cost	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	5.00	4.00

	(Air, Noise, Water & Solid Waste)		
	Workers welfare	6.00	4.50
	TOTAL	**180.50**	**58.00**

The proposal is for expansion of BUA is an on going construction project from BUA of 17,708.54Sqm to 22,038.03Sqm 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 that regarding 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 60 trees in the project area and provide charging facilities to electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

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

1. To provide RWH tanks 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.16 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)

About the Project:

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	NA

	or Excavated earth		
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 Disposal as per norms	Quantity – 297kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil of 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 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 that the existing site does not tally 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 harvesting 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 capacity 2x430cum and 10recharge 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.17 Expansion of Building Stone Quarry Project at 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)

About the project:

SLNo	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 / Longitude: N 13° 33' 00.9" E 74° 46' 25.1"; N 13° 33' 01.7" E 74° 46' 26.0"; N 13° 32' 59.9" E 74° 46' 29.0"; N 13° 32' 59.1" 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	Corporate Environmental Responsibility (CER)
1st	Rain water harvesting pits to the GHPS at Hesakatturu Village
2nd	
3rd	Providing solar lights to the GHPS school in Hesakatturu village.
4th	
5th	Scientific support and awareness to local farmers to increase yield of crop an 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 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 of 26,316 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.18 Building Stone (M-Sand) Quarry Project at 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)

About the project:

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°04'42.4963"	E 75°04'40.1788"
N 16°04'42.3990"	E 75°04'42.6400"
N 16°04'46.3992"	E 75°04'42.5806"
N 16°04'46.1130"	E 75°04'44.0541"
N 16°04'49.4045"	E 75°04'44.7139"
N 16°04'50.0765"	E 75°04'40.1856"
N 16°04'47.1756"	E 75°04'40.7335"
N 16°04'48.6547"	E 75°04'37.9071"
N 16°04'43.8841"	E 75°04'36.3362"
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	Cluster certificate	29.09.2023
16	Notification	04.09.2023
17	Revenue NoC	12.06.2023

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 24,90,544 tones (including waste) and estimated the life of mine to be 12 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,07,481 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.19 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)

About the project:

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' 40.21944"
N 15° 39' 02.37356"	E 76° 33' 42.70446"
N 15° 39' 01.71578"	E 76° 33' 46.25232"
N 15° 38' 56.56285"	E 76° 33' 46.76016"
N 15° 38' 56.51062"	E 76° 33' 45.27929"
N 15° 38' 55.57507"	E 76° 33' 44.90511"
N 15° 38' 55.83524"	E 76° 33' 41.79347"
N 15° 38' 56.47912"	E 76° 33' 40.86638"
N 15° 38' 57.09318"	E 76° 33' 39.80493"

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 & 40,000 ton/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	Rs. 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 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 & 40,000 ton/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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.20 Building Stone Quarry Project at Sy.No.213/*/*of Mallabadh Village, Raichur Taluk, Raichur District (12-10 Acres) by M/s. Venkateshwara Minerals – Online Proposal No.SIA/KA/MIN/448525/2023 (SEIAA 489 MIN 2023)

The Proponent remained absent and hence the Committee after discussion decided to defer the appraisal of the Project.

Action: Member Secretary, SEAC to put up before SEAC in up coming meetings.

306.21 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)

About the project:

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
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

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- Cum / Ton	21,84,742 Tones (including waste)
10	Permitted Quantity Per Annum - Cum / 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 final 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	Cluster certificate	14.09.2023
16	Notification	04.09.2023
17	Revenue	12.12.2022 & 25.08.2023

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 21,84,742 tones (including waste) and estimated the life of mine to be 22 years.

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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.22 Building Stone Quarry Project at 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)

About the project:

SLNo :	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)
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

Latitude	Longitude
N16°51' 09.55"	E75° 45' 54.45"
N16° 51' 10.75"	E75° 45' 55.55"
N16° 51' 09.27"	E75° 45' 00.65"
N16° 51' 05.94"	E75° 45' 57.30"

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 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 9,17,433 tons (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 1,05,263 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 during the first year of operation.
3. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.23 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)

About the project:

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°10'42.58" 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 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 07.10.2023 there 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 1200 meters 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 10,04,295 tones (including waste) and estimated the life of mine to be 16 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 63,158 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.24 Expansion of Building Stone Quarry Project at 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)

About the project:

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°20'39.0"	E76°12'56.9"
N12°20'36.5"	E76°12'58.7"
N12°20'34.3"	E76°12'54.5"
N12°20'37.1"	E76°12'52.5"

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 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 13,95,347 Tones (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 2,55,814 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.25 Expansion of Building Stone Quarry Project at 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)

About the project:

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/Renewal	Expansion
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	Cluster certificate	03.03.2023
15	CCR	06.09.2023
16	Audit Report	10.04.2023

Latitude	Longitude
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

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 9,35,228 Tones (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 1,53,645 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.26 Sand Quarrying Block of Varahi River Bed Sand Quarry Project at 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)

About the project:

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

Latitude	Longitude
N 13°37' 32.50"	E 74°46' 11.80"
N 13°37' 33.30"	E 74°46' 14.90"
N 13°37' 31.40"	E 74°46' 16.40"
N 13°37' 29.80"	E 74°46' 15.30"
N 13°37' 29.80"	E 74°46' 15.70"

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 Anufum - Cu.m / Ton	33,116Tonns/annum (including waste)
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to GHPS school at Ballouru village
2nd	Conducting E-waste drive campaigns at Ballouru village
3rd	Rain water harvesting pits GHPS school at Ballouru village
4th	Scientific support and awareness to local farmers to increase yield of crop and fodder
5th	Health camp in GHPS school at Ballouru 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	DTF	09.11.2022
17	Notification	22.02.2023
18	JIR	0.70 mtr

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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.27 Sand Quarrying Block Project at 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)

About the project:

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)
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-	16,698Tones (including waste)

Latitude	Longitude
N 13°24' 48.91"	E 74°50' 41.59"
N 13°24' 48.16"	E 74°50' 41.87"
N 13°24' 29.15"	E 74°50' 43.39"
N 13°24' 22.77"	E 74°50' 46.47"
N 13°24' 26.58"	E 74°50' 49.62"
N 13°24' 26.93"	E 74°50' 49.11"
N 13°24' 22.40"	E 74°50' 45.71"
N 13°24' 19.81"	E 74°50' 42.89"

	Cu.m / Ton	
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 Kukkshally village
2nd	Conducting E-waste drive campaigns at Kukkshally village
3rd	Rain water harvesting pits GHPS school at Kukkshally village
4th	Scientific support and awareness to local farmers to increase yield of crop and fodder
5th	Health camp in GHPS school at Kukkshally village

12	EMP Budget	5.20 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 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 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 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.28 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) .

About the project:

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)
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	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- Cum / Ton	10,436.1Tones (including waste)

Latitude	Longitude
N 13°24' 19.1"	E 74°50' 37.8"
N 13°24' 18.3"	E 74°50' 42.3"
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"

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 pumps to GHPS school at Cherkady village
2nd	Conducting E-waste drive campaigns at Cherkady village
3rd	Rain water 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	7.42 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 nos

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.

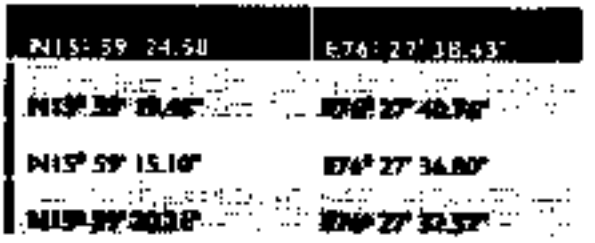
The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 3,478 tones per year (including waste) after due replenishment every year, with following consideration,

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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.29 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)

About the project:

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) 
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 alloted 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 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.30 Ornamental Stone (Black Granite) Quarry Project at Dasanur Village, Nanjanagudu Taluk, Mysore District (3-33 Acres) by Sri G. Ananda Kumar – Online Proposal No.SIA/KA/MIN/446071/2023 (SEIAA 463 MIN 2023)

About the project:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri G. Ananda 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)

Latitude	Longitude
N 12° 02' 21.2318"	E 76° 52' 32.3839"
N 12° 02' 27.1755"	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"

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

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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.31 Building Stone Quarry Project at 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)

About the project:

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)
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)

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' 59.5"	E 74° 48' 23.3"

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 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 2,06,014 tons (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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.32 **ToR:Expansion of Siddaganga medical college & research institute Facility (A unit of Sree Siddaganga Math) Project at Sy.Nos.32(P), 33(P) & 61(P) of Dr. Sree Sree Shivakumara Swamiji Road (BH road), Tumakuru City, Kasaba North Hobli, Tumkur Taluk, Tumkur District by M/s.Sree Siddaganga Math – Online Proposal No.SIA/KA/INFRA2/440777/2023 (SEIAA 180 CON (VIOL) 2023)**

:: The proposal is for grant of EC for an already constructed building. The Progonent informed the Committee that the proposal is submitted under violation category in B1 violation category to obtain ToR as per MoEF&CC OM dated 07.07.2021, as construction has been completed for BUA of 44,948.04 Sqm in a plot area of 50,282.19 Sqm without prior EC and have also proposed for an additional BUA of 17,292.68 Sqm with total BUA of 62,240.72 Sqm with no change in plot area and other statutory clearances.

The committee accepted the clarification and after discussion decided to recommend the following additional ToR for preparation of EIA report,

1) Estimate and Submit Penalty as per the Standard Operating Procedure (SoP) no. bearing F. No. 22-21/2020 –IA.III dated 7th July 2021 from Ministry of Environment, Forest and Climate Change Impact assessment division.
2) To submit Damage Assessment, Remedial plan and Community Augmentation plan as per SoP issued by MoEF&CC 7th July 2021.
3) To submit the building-wise area statement and approved plan and Elevation Drawings justifying the exemption area, existing construction and proposed expansion.
4) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL.
5) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as per SoP.
6) Details of drains, water bodies, kharab details and its position on the village survey map with reference to project area.
7) Submit the existing Greenbelt and proposed green belt with species and overlay in Layout plan.
8) Submit the proposed organic waste processing facility layout plan and feasibility report of the system
9) To quantify pollution load that has occurred during construction and after occupation.
10) Detailed conceptual plan and landscape plan, clearly indicating existing buildings / proposed buildings, approach road and details of Kharab areas with buffers as per bylaws.
11) Details of buffer for drains/water bodies/kharab as per zoning regulation
12) Details of existing buildings with BUA and extent of construction with reference to plan approvals certified from Architect and complete land documents and conversion documents.
13) Surface hydrological study of surrounding area to be carried out and the carrying capacity of the natural drains to be worked out in order to ascertain the adequacy in the carrying capacity of the drains and with details of strengthening of drains.
14) Details of quantity and kinds of wastes (e-wastes, hazardous wastes and bio-medical wastes) generated and handling the same.
15) Detailed risk and disaster management after construction.
16) Quality of nearby lake water and its rejuvenation plan to be detailed.
17) Ground water potential and level in the study area
18) Sampling locations shall be as per standard norms.

19) Implementation of Green building concept, provisions for smart metering concept for individual apartments for water consumption details, utilization of the entire terrace for solar power generation and other methods of power savings, provision for electric vehicle charging facility in the proposed project should be detailed.
20) Compliance to ECBC guidelines and incorporation of NCB for proposed project should be detailed.
21) Details of processing organic waste in bio-digester and scheme for waste to energy plant to process the entire organic waste generated within the project site and also to process the inorganic waste within the project site
22) Scheme for utilizing maximum treated sewage water to reduce the demand on the fresh water.
23) NOC from the concerned authorities for the source of water during operation, if any.
24) Detailed FAR calculations and detailed parking provisions for all kind of vehicles including charging facility for e-vehicles with reference to local zoning authorities should be defined.
25) Detailed Traffic study with methods of improvising.
26) Detailed rain water harvesting with respect to annual rainfall (provisions for about 50% of annual rainfall) and provisions for tanks/sumps/ponds for roof top and along with management of excess storm water.
27) Activities such as provisions for rejuvenation for water bodies/drains in the vicinity of the project, Public Health Care unit, etc., to be taken up under CER should be detailed out in physical terms and included as part of EMP.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.33 ToR:Expansion of Gandhi Institute of Technology & Management (GITAM) Institutional Campus Project at Sy.Nos.12/1, 12/2, 13/1, 13/2, 13/3, 13/4, 13/5, 13/6, 13/7, 13/8, 15/1, 15/2a1, 15/2a2, 15/2a3, 15/2a4, 15/2a5, 15/2b, 15/5, 15/6, 15/7, 15/8, 15/9, 15/10, 15/11, 15/12, 24, 25/1, 25/2, 25/3, 25/4, 25/5, 25/6, 26/2, 26/3, 26/4, 26/5, 26/6, 26/7, 26/8, 26/9, 27/1, 27/2, 27/3, 27/4 , 23/1, 23/4, 23/5, 33/3, 88/4, 88/5, 97/2, 97/4, 97/5 of Nagadenahalli Village, Kasaba Hobli, Doddaballapur Taluk, Bengaluru Rural District by M/s. Gandhi Institute of Technology & Management (GITAM) – Online Proposal No.SIA/KA/INFRA2/442994/2023 (SEIAA 179 CON (VIOL) 2023)

The proposal is for grant of EC for already constructed educational institute building. The Proponent informed the Committee that the proposal is submitted under violation category in B1 violation category to obtain ToR as per MoEF&CC OM dated 07.07.2021, as construction has been completed for BUA of 1,64,979.83Sqm in a plot area of 1,47,003.21Sqm, by obtaining plan approvals from BIAAPA for 1,21,414.51Sqm on 10.05.2013 and 51,001.65Sqm on 18.12.2018. The Committee informed the Proponent to calculate violation for the BUA which has been constructed over and above the initial approved BUA of 1,21,414.51Sqm without prior EC.

The Committee after discussion decided to recommend the following additional ToR for preparation of EIA report,

1) Estimate and Submit Penalty as per the Standard Operating Procedure (SoP) No. bearing F. No. 22-21/2020 –IA.III dated 7th July 2021 from Ministry of Environment, Forest and Climate Change Impact assessment division.
2) To submit Damage Assessment, Remedial plan and Community Augmentation plan as per SoP issued by MoEF&CC 7th July 2021.
3) To submit the building-wise area statement and approved plan and Elevation Drawings justifying the exemption area, existing construction and proposed expansion.

4) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL.
5) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as per SoP.
6) Details of drains, water bodies, kharab details and its position on the village survey map with reference to project area.
7) Submit the existing Greenbelt and proposed green belt with species and overlay in Layout plan.
8) Submit the proposed organic waste processing facility layout plan and feasibility report of the system.
9) To quantify pollution load that has occurred during construction and after occupation.
10) Detailed conceptual plan and landscape plan, clearly indicating existing buildings / proposed buildings, approach roadand details of Kharab areas with buffers as per bylaws.
11) Details of buffer for drains/water bodies/kharab as per zoning regulation
12) Details of existing buildings with BUA and extent of construction with reference to plan approvals certified from Architect and complete land documents and conversion documents.
13) Surface hydrological study of surrounding area to be carried out and the carrying capacity of the natural drains to be worked out in order to ascertain the adequacy in the carrying capacity of the drains and with details of strengthening of drains.
14) Details of quantity and kinds of wastes(e-wastes, hazardous wastes and bio-medical wastes) generated and handling the same.
15) Detailed risk and disaster management after construction.
16) Quality of nearby lake water and its rejuvenation plan to be detailed.
17) Ground water potential and level in the study area
18) Sampling locations shall be as per standard norms.
19) Implementation of Green building concept, provisions for smart metering concept for individual apartments for water consumption details, utilization of the entire terrace for solar power generation and other methods of power savings, provision for electric vehicle charging facility in the proposed project should be detailed.
20) Compliance to ECBC guidelines and incorporation of NCB for proposed project should be detailed.
21) Details of processing organic waste in bio-digester and scheme for waste to energy plant to process the entire organic waste generated within the project site and also to process the inorganic waste within the project site
22) Scheme for utilizing maximum treated sewage water to reduce the demand on the fresh water.
23) NOC from the concerned authorities for the source of water during operation, if any.
24) Detailed FAR calculations and detailed parking provisions for all kind of vehicles including charging facility for e-vehicles with reference to local zoning authorities should be defined.
25) Detailed Traffic study with methods of improvising.
26) Detailed rain water harvesting with respect to annual rainfall (provisions for about 50% of annual rainfall) and provisions for tanks/sumps/ponds for roof top and along with management of excess storm water.
27) Activities such as provisions for rejuvenation for water bodies/drains in the vicinity of the project,Public Health Care unit, etc., to be taken up under CER should be detailed out in physical terms and included as part of EMP.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.34 ToR:Guttigoli Lime Stone Project at ML. No.2079 in Guttigoli Village, Ramadurga Taluk, Belagum District (76.89 Ha) by M/s. Pulakeshi Cements Pvt. Ltd. – Online Proposal No.SIA/KA/MIN/444516/2023 (SEIAA 465 MIN 2023)

The Proponent remained absent and hence the Committee after discussion decided to defer the appraisal of the Project.

Action: Member Secretary, SEAC to put up before SEAC in up coming meetings.

306.35 ToR:Ordinary Sand Quarry Project at Sy.Nos.117, 118/1,2, 3, 4, 119 & 122 of Hebballi Village, Badami Taluk, Bagalkot District (10-27 Acres) by Sri Fakiragouda Hireninganagoudra – Online Proposal No.SIA/KA/MIN/447364/2023 (SEIAA 468 MIN 2023)

The proposal is for ordinary sand mining in area of 10-27 Acres. As per the cluster sketch dated:03.08.2023 the area considered for cluster is more than the threshold limit of 5 Ha and hence the project is categorized as B1. The Proponent had obtained forest noc on 23.04.2021 and approved mining plan on 10.08.2023.

The Committee decided to recommend the proposal to SEIAA for issue of standard ToR along with the following additional ToR to conduct EIA studies along with Public Hearing.

1. Cumulative pollution load taking into account all the quarries in cluster with wind rose diagram should be submitted in detail.
2. Traffic studies.
3. Detailed mine closure plan with details of plantation/regressing
4. Waste handling
5. Dust mitigation methods considering nearby habitation
6. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
7. Improvements to the approach road as per IRC (Indian Road Congress) standard norms.
8. Site specific CER and afforestation details (compensatory plantation).

Action: Member Secretary, SEAC to forward the ToR proposal to SEIAA for further action.

306.36 Expansion of motor production building, Toyota Kirloskar Motor Pvt. Ltd., Plot No.1, Bidadi Industrial Area, Bidadi Village, Ramanagara District by M/s. Toyota Kirloskar Motor Pvt. Ltd. – Online Proposal No.SIA/KA/MIS/304320/2023 (SEIAA 168 CON 2012)

The Proposal is for modification of EC issued by SEIAA on 11.01.2013. The Proponent informed the Committee that SEIAA had issued EC under schedule 8(b) of EIA Notification 2006 for BUA of 5,11,945.5Sqm in plot area of 17,48,304Sqm for production of 3,10,000 vehicles and Corrigendum to EC for change in green belt area on 12.07.2021 and present plan is to increase production to 3,60,000(ie addition of 50,000) vehicles without change in any of the major components mentioned in the earlier EC and submitted the comparative statemet as below.

Particulars	As per EC & CFO	Existing proposal	EC Amendment proposal
Plot Area	17,48,304 Sq. m.	17,48,304 Sq. m.	No change
Built Up Area	5,28,063 Sq. m.	5,28,063 Sq. m.	No change
Manpower	5700 Nos.	5700 Nos.	6150 Nos. (+450 Nos.)
Man hours	-	16	22
Motor production/annum	3,10,000 vehicles	3,10,000 vehicles	3,60,000 vehicles (+50,000 vehicles)
Power requirement and source	-	32 MVA Onsite and offsite solar and wind energy	No change
Back up for power	-	Diesel generators: 8 MW	No change
Fresh water requirement	3839.2 KLD Source: from KIADB & RWHP	2468.6 KLD Source: from KIADB & RWHP	3839.2 KLD (+1370.6 KLD) Source: from KIADB & RWHP
Total water requirement	-	7219 KLD Source from KIADB, Borewell, RWHP & Recycled water	There is no increase in water requirement as we have continuous adopting technologies and process improvements to reduce water consumption
CETP capacity	Plant 1: 2620 KLD Plant 2: 3337 KLD	Plant 1: 2620 KLD Plant 2: 3337 KLD	No change. Utilize existing CETP
Wastewater generation	-	5631 KLD	There is no increase in wastewater generation as we have continuous adopting technologies and process improvements to reduce water consumption
Green belt area	-	4,57,679 Sq. mt. (26.16%)	4,57,679 Sq. mt. (26.16%)
Project cost	-	Rs. 12328.55 Crores	No additional investment

The Committee noted the details and informed the Proponent to submit point wise compliance to the EC conditions during operational phase and accordingly Proponent submitted the following compliances,

Sl.No	Condition	Existing Compliance	Proposed Changes
II. Operation Phase			
I.	The installation of the Sewage Treatment Plant (STP) of total capacity 4314 KLD (1590 KLD & 2724 KLD) should be carried out before the construction of the second floor of the main structure is commenced and the plant shall be got certified by an independent expert and a report in this regard should be submitted to the SEIAA	Combined ETP of 5957 KLD (1x2620 KLD and 1x3337 KLD) was established to treat the Wastewater. Currently 4203 KLD of wastewater being generated and treated. Treated Water of 3150 KLD is being used in the process as recycled water, remaining 1053 KLD for used Toilet flushing and	For increase in motor production, 652 KLD of water is required and generating 423 KLD of wastewater. Total Wastewater generation (existing + proposed) of 4626 KLD will be treated in the existing Common ETP of 5957 KLD.

Sl.No	Condition	Existing Compliance	Proposed Changes
	immediately. Discharge of treated sewage shall conform to the norms & standards of the Karnataka State Pollution Control Board. Treated sewage should be used for flushing, gardening, etc. as proposed.	for gardening and afforestation purpose to reduce the freshwater consumption. The discharge treated is meeting the KSPCB standards for on land irrigation parameters. Copy of the latest Treated Water Quality Test Report for the month of September 2023 is enclosed as **Annexure-1.**	***Thus, there is no requirement of additional infrastructure to treat the wastewater and existing Combined ETP is sufficient. Hence, there is no impact on environment.***
2.	The National Ambient Air Quality standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Ambient Air Quality is being monitored on monthly basis through a NABL accredited Laboratory. The Test results are well within the NAAQ Standards, and it is in the range of 30-50 mg/Nm^3. Copy of the latest AAQM Test Report for the month of September. 2023 is enclosed as **Annexure-2.**	***No Change***. Ambient Air Quality will be within the NAAQ Standards. ***Hence, there is no impact on environment.***
3.	Project authorities shall obtain necessary clearance from the competent authorities.	Complied with all the legal requirements. Presently, the industry is operating with CFO order AW-336998 dt: 20/03/2023 valid till 30.06.2026. Copy is enclosed as **Annexure-3.**	The industry **has already approached KSPCB for issue of CFE (Exp) vide application no. 181955 dated- 18/04/2023** for the proposed vehicle production increase. During approval process **KSPCB informed to obtain amendment to EC for issuing has CFE (Exp.)**
4.	Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.	VOCs are the fugitive emissions expected from the Painting Booth. The Painting process at Toyota Kirloskar Motor is a closed loop system. The paint booths are very well equipped with Dry booth filters and paint particle filters to arrest escape of paint particles from painting booths.	The existing facility is adequate and the same will be sufficient for increase in motor production also. ***Hence, there is no impact on environment.***

Sl.No	Condition	Existing Compliance	Proposed Changes
		The use of Regenerative Thermal Oxidizers (RTO) ensures destruction of VOCs emitted from painting operations. Regenerative thermal oxidizers (RTOs) destroy all the VOC compounds that may be emitted from the painting lines & ovens, making the Paint Shop of TKM, an eco-friendly painting facility.	
5.	Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the SEIAA, Karnataka/MoEF Regional Office at Bangalore / KSPCB/ CPCB within 3 months of issue of environment clearance letter.	Risk and Disaster Management Plan was prepared and implemented as per the stipulated guidelines. Adequate Fire Station with Fire Engines and dedicated trained staff are available to mitigate the Risks. Periodic mock drills are conducted to ensure adequate preparedness.	The existing facility is adequate and the same will be sufficient for increase in motor production also. ***Hence, there is no impact on environment.***
6.	Adequate safety measures shall be provided in the plant area to check/ minimize spontaneous fires especially during summer season.	During summer, dry grass at unused areas are removed. Fire lines are provided in the plantation areas to avoid fires. Special patrolling team conduct frequent checks in the fire risk areas.	The existing facility is adequate and the same will be sufficient for increase in motor production also. ***Hence, there is no impact on environment.***
7.	Regular monitoring of ground level concentration of SO_2, NOx, RSPM, PM_{10}& $PM_{2.5}$ etc. shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, if necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with KSPCB. Periodic reports	Regular monitoring of ground level concentration and stack emissions are being carried out and submitting the reports to KSPCB on monthly basis and also to the IRO, Bangalore as part of HYCR. The results are well within the Standards prescribed by the KSPCB / CPCB.	As the existing results of ground level concentration parameters are well within the Standards, increase in motor production using existing facility will not lead to change in ground level concentrations. ***Hence, there is no impact on environment.***

Sl.No	Condition	Existing Compliance	Proposed Changes
	shall be submitted to the Regional Office of Ministry of Environment and forests, Government of India/ SEIAA, Department of Ecology and Environment, Government of Karnataka and KSPCB. The data shall also be put on the website of the company.		
8.	The project authority shall monitor the stack of DG set and monthly report shall be submitted to concerned Regional Officer, KSPCB & SEIAA, Karnataka.	DG set will be used as back up for power supply and monthly once it is switched on for maintenance and regular monitoring of DG sets are being carried out and submitting the Test Reports to KSPCB. Copies of the latest Test Reports are enclosed as **Annexure-4.**	There is no addition of DG sets for increase in motor production. ***Hence, there is no impact on environment.***
9.	Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Workmen are provided with all required PPEs to ensure their Safety. Annual Health Checkup are being conducted to monitor general health and hazards specific to work area.	The additional manpower will undergo periodical health check and hazards specific to work area. The existing processes will be followed for the additional manpower as well.
10.	The project authorities shall provide safety measures for the people working in the high noise area, requisite personal protective equipment like earplugs/ earmuffs etc. Workers engaged in noisy areas shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy/ less noisy areas.	All workmen are provided with ear plugs and required PPEs as per the Safety regulations. Audiometric is also one of the test parameters on annual health surveillance being conducted and records were maintained.	Even for increase in motor production, PPEs will be provided to all employees as per the Safety regulations. And new employees will also be covered under annual health check.
11.	The project authorities shall provide necessary	All the process is analyzed and grasped for potential	No change, the same will be continued.

Sl.No	Condition	Existing Compliance	Proposed Changes
	emergency preparedness and response system to keep the impact at minimum level in the case of eventualities such as fire, heavy oil spillage, fire /blast of fuel storage tanks and failure of STP etc.	hazards. Emergency manual has been prepared. Emergency training is given to all labors and necessary emergency preparedness is provided.h Mock drills are conducted periodically to ensure emergency preparedness among employees.	
12.	All painting shall be carried out in the exclusive paint booth.	Painting on vehicle is carried out only in Painting booth with necessary emission control measures like water curtains, dry booth filters, etc.	No change, the same will be continued. ***Hence, there is no impact on environment.***
13.	The project authority shall monitor the stack of DG set and paint booth and monthly report shall be submitted to concerned Regional Officer, KSPCB & SEIAA, Karnataka.	Stacks attached to DG and paint booths are being monitored on monthly basis by NABL / EPA approved laboratory. Test reports are being submitted regularly to KSPCB and IRO, Bangalore as part of HYCR.	No change, the same will be continued. ***Hence, there is no impact on environment.***
14.	Rainwater harvesting for roof run-off with 45,000 cum capacity tanks at ground level for rainwater collection and also surface run-off harvesting as per the plan submitted should be implemented with recharge pits and pre-treatment must be done to remove suspended matter, oil and grease before recharging the surface run off.	Constructed rainwater harvesting facilities of capacity 25000 Cum and 26000 Cum each inside the premises which are connected to storm water drains. Harvested rainwater is being treated and utilized for production and domestic usage. The RWH pond of 26000 Cum & 4500 Cum are un-lined to ensure continuous recharge of ground water and also harbor different avifauna in the region. TKM also constructed 21 recharge wells inside the premises to increase the ground water recharge.	**New Rainwater harvestings ponds will be established based on feasibility study and resource adequacy**

Sl.No	Condition	Existing Compliance	Proposed Changes
		Through all these efforts TKMs ground water table has been improved and as per the latest Ground Water monitored reports, the ground water levels at TKM is in the range of 14-20 feet.	
15.	Ensure that the excess runoff rainwater from the greenbelt area, which is irrigated by treated water, does not get into recharge pits and contaminate the ground water. Such excess flow should be safely let into the storm water drains.	Excess run off from the greenbelt is drained to Storm water drains which are connected to Recharge Ponds. Surface run off is connected to 21 Recharge pits.	No change, the same will be continued. ***Hence, there is no impact on environment.***
16.	The solid waste generated should be properly collected and segregated in-situ. The Biodegradable organic waste be composted by installing bio-converter in site and used. The non-biodegradable waste be disposed to the authorized recyclers	Presently, a total of 1539 kgs/day (organic waste) and 1026 kgs/day (in-organic waste) is being generated. TKM has established strong waste management system within the project site. Organic Waste is composted in Vermi-Composting facility and In-organic waste generated is being segregated & disposed scientifically through KSPCB authorized vendors. Bio-sludge is composted through vermi-composting facility established in-house and approximately, 283 tonnes of bio-sludge is generated and sent out for composting; whereas, the chemical sludge is sent for co-processing.	Further, due to increase in additional manpower of 450 Nos. an additional of 122 kgs/day (organic waste) is being used in vermi composting and 81 kgs/day (in-organic waste) will be generated which will be handed over to KSPCB authorized re-processors. The additional Bio-sludge generated will be composted through existing vermi-composting facility established in-house. **Hence, there is no impact due to waste generation and management due to increase in motor production.** Existing facilities are sufficient to cater the needs.
17.	Any hazardous waste including biomedical waste should be disposed-off as per the applicable Rules and norms with necessary approvals of the Karnataka State Pollution Control	Hazardous & other waste Management Authorization renewal Consent order 327671 and 338324 has been obtained on 28.10.2021 and 26.06.2023 valid till	No change, as no additional hazardous waste is generated due to increase in motor production of the hybrid vehicles as it involves assembling of vehicle parts. ***Hence, there***

Sl.No	Condition	Existing Compliance	Proposed Changes
	Board	30.06.2026. Further, all the hazardous waste and bio-medical waste are being segregated, stored and handed over to KSPCB authorized recycler. Details of the same are enclosed as **Annexure-5.**	***is no impact on the environment.***
18.	As agreed, to by the project proponent, develop a minimum of 33 % of the project area i.e., minimum 5,74,674 Sqm. area for green belt and plant with heavy foliage indigenous tree species such as Mahagoni, Honge, Neem, Akash Mallige, Kadamba, Ficus and Ashoka, etc at an espacement of 3 mts x 3 mts i.e. 1111 plants/hectare. The green belt design along the periphery of the plot shall achieve attenuation factor confirming to the day and night noise standards prescribed for residential land use. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous variety.	As per EC conditions. 4,54,559 sq, mt. shall be maintained. Accordingly, about 113 Acres or 4,57,295 Sq. mt. (26.16%) of the total plot area is developed as green belt area which involves Ecozone. The industry has planted more than 3,28,000 plants along with 790 Native species. Afforestation has been carried out in more than 32 acres of land by using Miyawaki plantation method and conventional pit method. Also conserved more than 38 native species falling under IUCN red list categories. Further, the greenbelt within the premises has the carbon sequestration capacity of about 4700 tonnes. Green belt has also been maintained along the periphery of the plot, open spaces and alongside the internals roads as noise attenuating measures conforming to residential standards.	No change. ***Hence, there is no impact on the environment.***
19.	Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the	Ambient air quality, noise and water quality monitoring is being carried out monthly through a NABL accredited Laboratory to	**No change, as the proposed increase in motor production using existing infrastructure do not pose any incremental pollution loads** on the

Sl.No	Condition	Existing Compliance	Proposed Changes
	project.	understand the pollution loads. Test reports of the same for the month of September 2023 is enclosed as **Annexure-6.** As per the Test Reports, the monitoring results are within the stipulated standards.	environment as the existing results are within the stipulated norms.
20.	Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for the complex should be provided. Details in this regard should be submitted to the SEIAA.	Currently, 100% of grid energy is met through renewable energy sources. Energy conservation measures such as inhouse existing roof top and ground mounted solar panels (3.2 MW and 5 MW), Offsite solar (18 MW), Offsite group captive solar and wind energy (27.2 MW) is being used.	**No change, the existing solar energy conservation measures will suffice the requirement.** ***Hence, there is no impact on the environment.*** 27.2 MW of offsite group captive solar and wind energy is in consideration of current and proposed energy demand.
21.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Traffic management is well established at entry and exit points. ▪ Dedicated parking area established inside the premises for visitors and employees. ▪ TKM has ensured a speed limit inside the premises for employees and visitor's vehicles.	No change, the existing entry exit points and parking area will suffice the requirement. ***Hence, there is no impact on the environment.***
22.	A Report on the energy conservation measures confirming to energy conservation norms finalized by the Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the SEIAA in three months time.	Currently, 100% of grid energy is met through renewable energy sources. Energy conservation measures such as inhouse existing roof top and ground mounted solar panels (3.2 MW and 5 MW), Offsite solar (18 MW), Offsite group captive solar and wind energy (27.2 MW).	No change, the existing energy conservation measures will suffice the requirement. ***Hence, there is no impact on the environment.***
23.	All toilets should have dual plumbing line and no wastewater is discharged from the unit.	All toilets have dual plumbing line, and no wastewater is discharged from the unit.	No change, as existing toilets with dual plumbing lines will be utilized. ***Hence, there is no impact on the environment.***

Sl.No	Condition	Existing Compliance	Proposed Changes
24	The Environment management Plan including the human health and Safety management plan and Fire Safety and Protection plan proposed by the proponent shall be strictly implemented.	As per Environment Management Plan. ▪ WWTP operates in-line with KSPCB standards. ▪ Treated wastewater utilized for manufacturing process, gardening & toilet flushing as per the stipulated standards. ▪ Effective control mensures in place to regulate stack emissions & monitored through authorized 3rd party on monthly basis. ▪ Generated wastes are segregated and disposed scientifically through authorized wastes handling vendors as per the hazardous and other waste rules. Inline with the safety management • Ergonomics assessment is conducted on a regular basis. • Adequacy & level of PPE's • Annual health checkups for all employees specific to work area health hazards. Fire safety protection plan ▪ Conducted high-risk mapping. • Mock drills of high-risk areas. • Formation of CFT's for checking of adequacy of the Protection Plan • Fire protection system enhancement activity	No change. The existing management plan will be ensured on a regular basis. ***Hence, there is no impact on the environment.***
25	The proponent shall have	TKM has installed DG's	No change, the existing

Sl.No	Condition	Existing Compliance	Proposed Changes
	D.G. Set of 1 X 8000 KVA as an alternate power supply source as proposed.	only for backup. Presently, 100% grid energy is met through renewable energy	facility will suffice the requirement. ***Hence, there is no impact on the environment.***

The Committee noted the changes and after discussion decided to recommend the proposal to SEIAA for modification of EC for manufacturing 3,60,000 vehicles with all other EC conditions remaining the same along with following consideration,

1. Proponent agreed to carry out community recharge of borewells in the surrounding areas as part of CER
2. To mitigate VOC arraised during additional manufacturing process.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

Members present in the meeting held on 06th November – 2023

1.	Shri. Venugopal V	Chairman
2.	Dr. Shekar H.S	Member
3.	Dr. J.B Raj	Member
4.	Shri. Nanda Kishore	Member
5.	Dr. S.K. Gali	Member
6.	Shri. Vyshak V Anand	Member
7.	Shri. Dinesh MC	Member
8.	Shri. Devegowda Raju	Member
9.	Shri.Shiranubasava Chandrashekhar Pilli	Member
10.	Shri. J G Kaveriappa	Member
11.	Shri. Mahendra Kumar M C	Member
12.	Shri. B V ByraReddy	Member
13.	Dr.SarvamangalaR. Patil	Member
14.	Shri. B. Ramasubba Reddy	Member
15.	Shri. R Gokul, IFS	Member Secretary

306.37 Residential Villas and Club House project at 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)

About the Project:

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, Varthur Hobali, Bangalore East Taluk Bangalore- 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 I and IS 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	
	1.	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	55
			Recycled	20
			Total	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	83.2 Lakhs
		• Operation Phase	328 Lakhs

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 all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide rain water storage tank of 4x250cum capacity and 15 recharge 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

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.38 Residential and Commercial Development Project at Bokor Village, Mangaluru Taluk, Dakshina Kannada District by M/s. Unnathi Estates & Others – Online Proposal No.SIA/KA/INFRA2/441488/2023 (SEIAA 196 CON 2023)

About the project:

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, Kumarapark West 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
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

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP	
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 land scaping 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	—	
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	

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
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. ▪ 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
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	▪ Solar panels on the roof tops (Solar power generation: Approx. 69kW power). ▪ Sound design of buildings for maximum natural ventilation, illumination and insolation.

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION PROVIDED BY PP</th></tr>
<tr><td></td><td>ECBC guidelines</td><td>▪ 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</td></tr>
<tr><td>20</td><td colspan="2">PARKING</td></tr>
<tr><td>a.</td><td>Parking Requirement as per norms</td><td>Required - 245 ECS
Provided - 257 ECS + 135 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>C&D</td></tr>
<tr><td>c.</td><td>Internal Road width (RoW)</td><td>6m</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>2024-2025</td><td rowspan="2">Software & Hardware for Building License Automation for Mangalore City Corporation (MCC)</td></tr><tr><td>2.</td><td>2025-2026</td></tr></table></td></tr>
<tr><td>22</td><td>EMP
• Construction phase

• Operation 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>14.0</td></tr><tr><td>2.</td><td>Sprinkling of water (non-rainy season)</td><td>15.0</td></tr><tr><td>3.</td><td>Labour Management – first aid centre, safety measures, sanitation, amenities (through Construction Contractors)</td><td>25.0</td></tr><tr><td>4.</td><td>Environmental Monitoring – Air, Water, Noise</td><td>4.0</td></tr><tr><td colspan="2">Total</td><td>58.0</td></tr></table>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	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 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 25 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 51 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide rain water storage tank of 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.39 Residential Apartment Project at 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)

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	M/S. Sanjeevini Projects, No 8, T1, 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 Roof run off	Rain Water Collection Sump Capacity 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 authoritics	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal	504 kg/day converted in to organic manure and used for garden	

		as per norms	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 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 2-36 Acres, out of which National Highway had acquired 21Guntas of land and for the remaning 2-15 Acres, 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 all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide rain water storage tank of 200cum capacity and pond of 300cum and 10 recharge 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.40 Residential cum Commercial Building with Club House Project at 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)

About the project:

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, 4th floor. 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]	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
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			
I.	Construction Phase			
a.	Source of water	Treated Sewage		
b.	Quantity of water for Construction in KLD	20 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 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 have proposed storage tank of 200cum capacity 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.41 Residential Development Project at Koraluru Village and 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)

About the project:

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, Kasaba Hobli, 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 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	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	SBR Technology, Area required for STP is	

		Treatment	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 proposal is for construction of residential project 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 Secellite 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 have proposed storage tank of 950cum capacity 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 650 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 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.

Action: **Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

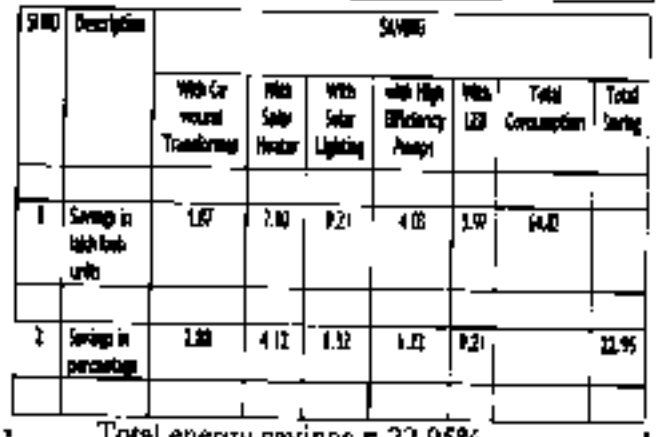
306.42 Residential Group Housing (Residential Apartment) Development Plan Project at Meenakunte Village, Jala Hobli, Yelahanka Taluk, Bangalore Urban District & Tarabanahalli Village, Jala Hobli, Yelahanka Taluk, Bangalore Urban District by M/s. Iconica Developers Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/446553/2023 (SEIAA 201 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATIONPROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. K L Santosh, Director M/s. Iconica Developers Private Limited, Office at No. SAC-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 Projects	378 Units
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	 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	

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
22	EMP • Construction phase • Operation Phase	86.72 lakh capital and 20.04 lakhs recurring 219.1 lakh capital and 30.17 lakhs recurring	

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 all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide rain water storage tank of 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.43 Residential with Club House Project at 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)

About the project:

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 / 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	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	1704.2 Sqm

		for projects under 8(a) of the schedule of the EIA notification, 2006		
	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 Residential Township/ Area Development Projects	NA	
	h.	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 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	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 proposal is for construction of residential project 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 have proposed storage tank of 400cum capacity 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 210 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 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.44 Residential Apartment Building and Neighbourhood Shops Project at 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)

About the Project:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1	Name & Address of the Project Proponent	Name: Sri. Chandrashekhar Aithal(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 /	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
1	Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	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
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	

Sl. No	PARTICULARS	INFORMATION Provided by PP	
I.	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 disposal of treated water	Temporary sanitary facilities for construction labours will be provided. Wastewater will be disposed off in 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	

Sl. No		PARTICULARS	INFORMATION Provided by PP
			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	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 equipment & Solar Energy
20		PARKING	
	a.	Parking Requirement as per norms	Required - 396 ECS Provided - 400 ECS + 104 Two Wheelers
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	B
	c.	Internal Road width (RoW)	6 m

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION Provided by PP</th></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 Lake (Harikere – Approx. 600 m 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

▪ Operation 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>
Operation Phase
<table>
<tr><th>Sr. No.</th><th>EMP Aspect</th><th>Approx. Budgeted Capital cost (In Lakh Rupees)</th><th>Approx. Budgeted Operating Cost (In Lakh Rupees)</th></tr>
<tr><td>1.</td><td>STP and Grey Water Recycling</td><td>170.0</td><td>16.0</td></tr>
<tr><td>2.</td><td>Greenbelt and other landscape development</td><td>22.0</td><td>2.5</td></tr>
<tr><td>3.</td><td>Storm water drain and Rainwater Harvesting System</td><td>8.5</td><td>1.0</td></tr>
<tr><td>4.</td><td>Environmental Monitoring & Certification</td><td>-</td><td>3.5</td></tr>
<tr><td>5.</td><td>EHS Management Cell</td><td>3.0</td><td>-</td></tr>
<tr><td>6.</td><td>Solid Waste Management</td><td>15.0</td><td>5.0</td></tr>
<tr><td>7.</td><td>Energy conservation</td><td>19.0</td><td>2.5</td></tr>
<tr><td>8.</td><td>CER</td><td>50.0</td><td>-</td></tr>
<tr><td colspan="2">Total</td><td>287.5</td><td>30.5</td></tr>
</table>
</td></tr>
</table>

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 200 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 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.45 Expansion of Building Stone Quarry Project at 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)

About the project:

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)

Latitude	Longitude
N13°18'24.90"	E 77°40'23.00"
N13°18'24.30"	E 77°40'21.60
N13°18'26.80"	E 77°40'20.50
N13°18'27.05"	E 77°40'21.90"

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
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 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.46 Laterite Quarry Project at 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)

About the project:

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	19,19,349Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,50,000 Tones / Annum (excluding waste)
11	CER Activities: Propose take 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
15	Cluster certificate	27.09.2029
16	Notification	12.02.2021

Latitude	Longitude
N 13° 5' 58.8996"	E 74° 57' 26.3990"
N 13° 6' 00.9150"	E 74° 57' 28.3461"
N 13° 5' 59.8989"	E 74° 57' 32.1996"
N 13° 5' 57.8999"	E 74° 57' 31.1001"
N 13° 5' 54.3998"	E 74° 57' 25.0003"

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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.47 Building Stone Quarry Project at 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)

About the project:

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)
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 -	18,194 Tones / Annum (excluding waste)

Latitude	Longitude
N 13° 33' 02.3"	E 74° 48' 31.0"
N 13° 33' 02.7"	E 74° 48' 32.2"
N 13° 33' 59.9"	E 74° 48' 33.8"
N 13° 33' 59.5"	E 74° 48' 32.5"

	Cu.m / Ton	
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 - Harkadbvillage
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 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.48 Building Stone Quarry Project at 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)

About the project:

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)
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	1,39,180 Tones (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

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"

The Proponent informed the Committee that 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 2.5 km 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 1,39,180 Tones (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

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.49 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)

About the project:

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)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification /	As per MoEF&CC OM Dt 28.04.2023

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' 59.7"	E 74° 48' 26.2"
N 13° 32' 56.7"	E 74° 48' 25.6"

	Renewal	
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	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 Halladi - Harkuch village
2nd	
3rd	Rain water harvesting pits to GHPS at Halladi - Harkuch 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	Cluster certificate	21.08.2023
16	DTF	01.12.2015
17	Audit Report	29.08.2023

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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.50 Expansion of Building Stone Quarry project at Halagera Village, Yadgir Taluk & District (2-00 Acres) (vide QL No.YDG-11) by Sri. Siddalinga S. Patil – Online Proposal No.SIA/KA/MIN/408780/2022 (SEIAA 531 MIN 2022)

About the project:

SLNo	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri. Siddalinga S. Patil
2	Name & Location of the Project	Expansion of Building Stone Quarry project at Sy.No.95 of Halagera Village, Yadgir Taluk & District (2-00 Acres) (vide QL No.YDG-11)
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
6	Area in Acres	2-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	68,117 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	4,60,250 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	66,755 Tones / Annum (excluding waste)
11	CER Activities: Propose take up 200 No. of additional plantation on either side of the approach road from quarry location to Halagera Village Road	
12	EMP Budget	Rs. 12.15 lakhs (Capital Cost) & Rs. 2.97 lakhs (Recurring cost)
13	Quarry plan	24.05.2022
14	Cluster certificate	05.07.2022
15	CCR KSPCB	09.10.2023

Latitude	Longitude
N 16°44'13.1"	E 77°12'42.2"
N 16°44'16.5"	E 77°12'40.8"
N 16°44'18.9"	E 77°12'40.3"
N 16°44'19.1"	E 77°12'42.9"

The proposal is for expansion of building stone quarry, for which the lease was granted on 21.09.2015 with QL No. YDG 11 and for which EC was issued earlier by SEIAA on 04.07.2015. The Proponent submitted audit report till 2022-23 certified by DMG and CCR from KSPCB dated 09.10.2023.

There is an existing cart track road to a length of 450 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 4,60,250 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 68,117 Tones/ Annum (including waste) with one year validity, with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry and road leading to 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.51 Building Stone Quarry Project at Sathenahalli Village, Nagamangala Taluk, Mandya District (9-00 Acres) by Sri. K. Puttegowda – Online Proposal No.SIA/KA/MIN/447519/2023 (SEIAA 486 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri. K. Puttegowda
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.138/P4 of Sathenahalli Village, Nagamangala Taluk, Mandya District (9-00 Acres)

Latitude	Longitude
N 12°49'31.6"	E 76°38'29.4"
N 12°49'24.9"	E 76°38'26.0"
N 12°49'23.4"	E 76°38'21.8"
N 12°49'26.9"	E 76°38'20.7"
N 12°49'26.5"	E 76°38'18.2"
N 12°49'29.6"	E 76°38'16.9"

3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification / Renewal	as per MoEF&CC OM dated 28.04.2023
5	Type of Land [Forest, Government	Government

	Revenue, Gomal, Private / Patta, Other]	
6	Area in Acres	9.00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,22,401.43 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	26,47,011 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,20,000 Tones / Annum (excluding waste)
11	CER Activities: Propose take up 900 No. of additional plantation on either side of the approach road from quarry location to Dasarahalli Village Road	
12	EMP Budget	Rs. 29.70 lakhs (Capital Cost) & Rs. 9.82 lakhs (Recurring cost)
13	Forest NOC	16.09.2017
14	Quarry plan	06.10.2023
15	Cluster certificate	06.10.2023
16	Notification	20.12.2017
17	Revenue	03.04.2023
18	DTF	18.04.2017

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 10.12.2018 and the Proponent informed the Committee that the lease was not executed and as per the KML, no mining activities has been carried out till date and justified for not submitting CCR. 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 9-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 745 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 26,47,011 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 1,22,401.43 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.52 Building Stone Quarry Project at T Honalli Village, Kalaghatgi Taluk, Dharwad District (5-00 Acres) by Sri. Guru S Patil – Online Proposal No.SIA/KA/MIN/445974/2023 (SEIAA 458 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri. Guru S Patil
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.546 of T Honalli Village, Kalaghatgi Taluk, Dharwad District (5-00 Acres)

Latitude	Longitude
N 15° 08' 04.16210"	E 75° 05' 50.97595"
N 15° 08' 03.81665"	E 75° 05' 46.79134"
N 15° 08' 08.57593"	E 75° 05' 46.13805"
N 15° 08' 09.04007"	E 75° 05' 51.08996"

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	5-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	78,947 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.49 Crores (Rs.149 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	23,75,288 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	75,000 Tones / Annum (excluding waste)
11	CER Activities:	

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

12	EMP Budget	Rs. 43.22 lakhs (Capital Cost) & Rs. 8.46 lakhs (Recurring cost)
13	Forest NOC	06.03.2020
14	Quarry plan	11.09.2023
15	Cluster certificate	15.09.2023
16	Revenue – Tahasildar	25.10.2018
17	JIR	20.09.2018
18	Notification	30.06.2023

As per the cluster sketch there are another 02 leases in a radius of 500 mtr from the said lease, out of which 01 lease is 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 11-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 660 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 23,75,288 tons (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 78,947 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 during the first year of operation.
3. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.53 Ordinary Sand Quarry Project in Malaprabha River Bed at Menasagi Village, Ron Taluk & Gadag District (5-00 Acres) by Sri. I. V. Kyamangoudar – Online Proposal No.SIA/KA/MIN/448517/2023 (SEIAA 481 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri. I. V. Kyamangoudar
2	Name & Location of the Project	Ordinary Sand Quarry Project in Malaprabha River Bed at Sy Nos.333/7 & 333/8 of Menasagi Village, Ron Taluk & Gadag District (5-00 Acres)
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	5-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	25,000Ton/annum for 2 years and 10,119 Ton/annum for 3 years (including waste)

Latitude	Longitude
N15°49'50.7012"	E 75°34'21.9007"
N 15°49'50.4032"	E 75°34'25.3034"
N 15°49'43.4012"	E 75°34'21.6002"
N 15°49'43.5065"	E 75°34'20.2012"
N 15°49'44.0011"	E 75°34'19.1043"

8	Project Cost (Rs. In Crores)	Rs. 0.60 Crores (Rs. 60 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	80,362Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	25,000 Ton/annum for 2 years and 10,119 Ton/annum for 3 years (including waste)
11	CER Activities: Propose take up 500 No. of additional plantation on either side of the approach road from quarry location to Menasagi Village Road	
12	EMP Budget	Rs. 12.45 Lakhs (Capital Cost) & Rs. 4.49 lakhs (Recurring cost)
13	Forest NOC	21.11.2022
14	Cluster certificate	07.10.2023
15	Revenue NOC	21.10.2022
16	C & I Notification	29.03.2023
17	App. Quarry Plan	07.10.2023reclamation work

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 are two other leases in a radius of 500 mtr from the said lease out of which one lease with extent 5-00 Acres has expired and the total area of the other lease and the present lease is 10-13 Acres and hence the project is categorized as B2. Proponent informed that as per DMG report, 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 800 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 miligative 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 80,362 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 25,000 Ton/annum for 2 years and 10,119 Ton/annum for 3 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 workss
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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.54 Ordinary Sand Quarry Project at Malagihal Village & 3/1, 3/3 & 3/4 of Chatnihal Village, Ilkal taluk, Bagalkot district (11-14 Acres) by Sri. Bhojappa Rathod – Online Proposal No.SIA/KA/MIN/448702/2023 (SEIAA 484 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri. Bhojappa Rathod
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy.Nos.34/2C, 36/5, 36/6 of Malagihal Village & 3/1, 3/3 & 3/4 of Chatnihal Village, Ilkal taluk, Bagalkot district (11-14 Acres)

Latitude	Longitude
N 16° 02' 49.6"	E 76° 09' 32.8"
N 16° 02' 48.2"	E 76° 09' 35.2"
N 16° 02' 51.4"	E 76° 09' 36.8"
N 16° 02' 50.1"	E 76° 09' 40.2"
N 16° 02' 52.3"	E 76° 09' 41.5"
N 16° 02' 50.3"	E 76° 09' 45.3"
N 16° 02' 44.2"	E 76° 09' 40.8"
N 16° 02' 48.0"	E 76° 09' 32.2"

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	11-14 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	88,000 Tones for 1st year, 60,000 Tones for 2nd year and 50,660Tones for 3rd year(including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.55 Crores (Rs. 155 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,98,660 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	88,000 Tones for 1st year, 60,000 Tones for 2nd year and 50,660 Tones for 3rd year(including waste)
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to common public places to the GHPS school at Malagihal & Chatnihal Village.
2nd	Rain water harvesting pits to the GHPS school at Malagihal & Chatnihal Village.
3rd	

12	EMP Budget	Rs. 30.85 Lakhs (Capital Cost) & Rs. 11.53 lakhs (Recurring cost)
13	Forest NOC	19.12.2022
14	Cluster certificate	10.10.2023
15	Revenue NOC	12.06.2023
16	DTF	11.09.2023
17	App. Quarry Plan	10.10.2023
18	JIR	3 mtr

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 11-14 Acres and hence the project is categorized as B2. Proponent informed that as per DMG, 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 202 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 1,98,660 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 88,000 Tones for 1st year, 60,000 Tones for 2nd year and 50,660 Tones for 3rd year (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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.55 Building Stone Quarry Project at Sy.No.02 of Devarahosur Village, Nagamangala Taluk, Mandya District (1-00 Acre) by Sri. Shivalinga – Online Proposal No.SIA/KA/MIN/435297/2023 (SEIAA 345 MIN 2023)

The Proponent remained absent and hence the Committee after discussion decided to defer the appraisal of the Project.

Action: Member Secretary, SEAC to put up before SEAC in up coming meetings.

306.56 Building Stone Quarry Project at Chatnihalli Village, Harapanahalli Taluk, Vijayanagara District (1-00 Acre) by Sri H.E.Girish– Online Proposal No.SIA/KA/MIN/420502/2023 (SEIAA 122 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri H.E.Girish
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.131/BP1 of Chatnihalli Village, Harapanahalli Taluk, Vijayanagara District (1-00 Acre)

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	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	30,612 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	1,59,243Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	30,000 Tones / Annum (excluding waste)
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	The proponent proposes to distribute nursery plants at Kenchapur village & Strengthening of approach road
2nd	Rain water harvesting pits to GHPS at Kenchapur village
3rd	Solar Power Panels in Government higher primary school at Kenchapur village
4th	Avenue plantation either side of the approach road near Quarry site & Repair of road with drainage
5th	The Rejuvenation of Kollahalli Pond

12	EMP Budget	Rs. 4.65 lakhs (Capital Cost) & Rs. 3.72 lakhs (Recurring cost)
13	Forest NOC	04.12.2020
14	Quarry plan	02.06.2022
15	Cluster certificate	19.10.2021
16	Revenue	03.09.2013
17	Audit Report	12.10.2023

The Proponent informed the Committee that the proposal is for renewal of a lease which was granted earlier on 21.07.2007, with HPT No. 304 which has been non-operational since 2014-15 till date and justified the same as per the audit report issued by DMG dated 12.10.2023.

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 2014-15 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 2014-15 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 700km 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 1,59,243 Tones (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 30,612 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

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.57 Building Stone Quarry Project at Tabakadabonnalli Village, Kalaghatgi Taluk, Dharwad District (4-20 Acres) by Sri Manjunath V Hebbar – Online Proposal No.SIA/KA/MIN/449059/2023 (SEIAA 488 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Manjunath V Hebbar
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.524/2 of Tabakadabonnalli Village, Kalaghatgi Taluk, Dharwad District (4-20 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	4-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,36,842 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.55 Crores (Rs.155 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	36,06,494 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,25,000 Tones / Annum (excluding waste)

Latitude	Longitude
N 15° 7' 31.09"	E 75° 05' 44.22"
N 15° 7' 32.31"	E 75° 05' 48.10"
N 15° 7' 29.89"	E 75° 05' 48.21"
N 15° 7' 28.55"	E 75° 05' 49.15"
N 15° 7' 27.29"	E 75° 05' 48.46"
N 15° 7' 27.52"	E 75° 05' 42.50"

11	CER Activities:	

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

12	EMP Budget	Rs. 59.67 lakhs (Capital Cost) & Rs. 10.06 lakhs (Recurring cost)
13	Forest NOC	08.08.2023
14	Quarry plan	13.10.2023
15	Cluster certificate	12.10.2023
16	Revenue	03.08.2023

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposed area is a fresh land and trial pits were dug to verify the availability of sand 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.

There is an existing cart track road to a length of 1220 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 the road connecting 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 36,06,494 tonns (including waste) and estimated the life of mine to be 16 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,36,842 tonns / 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.58 "Expansion of Active Pharmaceutical Ingredients and Chemical Intermediates manufacturing facility" located at Kolhar KIADB Industrial Area, Kolhar & Nizampur village, Bidar Tehsil, Bidar District, by M/s. Wohler Laboratories Pvt. Ltd. - Online Proposal No.SIA/KA/IND3/410364/2022 (SEIAA 31 IND (VIOL) 2018)

The proposal was considered during 303rd SEAC meeting the Committee had deliberated the following,

"The proposal is for expansion of API and chemical intermediates manufacturing unit located in a industrial area, for which SEIAA had issued ToR on 01.10.2019 and PH was conducted on 18.08.2020 for production of 30 products with 1,368 MTPA.

The Proponent informed the Committee that earlier they had manufactured five products with total capacity of 428.88MTPA with only CFO from KSPCB dated 25.08.2015 and without obtaining EC and had stopped the production in 2017, hence had come in violation category.

The Committee during appraisal sought clarification for the chronological events, so as to determine the period from which violation has occurred with document details and details of cost of the project and turn over as certified by a chartered accountant. The Proponent requested the Committee that they would come back with clarification for the details sought. The Committee after discussion decided to defer the project"

In the present meeting the Proponent submitted the chronological events from the date of establishing the industry ie from 1994-95 till 2015-16 and informed that they had not exceeded the permitted quantity nor deviated from the products and had stopped operaton for not having valid consent from 01.07.2016.

The Committee noted that in the chronological events submitted by Proponent there was no availability of data for the period of 2010-12 and had not mentioned the details of equipments/machineries used and upgraded. Hence, the Committee after discussion decided to defer the project for want of complete data and details of modernization taken up till date with supporting documents and to incorporate the same in calculation as per MoEF&CC OM dated 07.07.2021.

Action: Member Secretary, SEAC to put up before SEAC after submission of clarification sought.

306.59 Ordinary Sand Mining Project at Belur Village, Badami Hobli & Taluk, Bagalkote District (9-29 Acres) by M/s. Annadaneshwar Minerals - Online Proposal No. SIA/KA/MIN/403516/2022 (SEIAA 439 MIN 2022)

About the Project

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	**M/s. Annadaneshwar Minerals**
2	Name & Location of the Project	Sy.Nos.165, 166/1, 177/2A, 177/2B, 177/2K & 177/2D of Belur Village, Badami Hobli & Taluk, Bagalkote District (9-29 Acres)

		POINT	LATITUDE	LONGITUDE
		A	N15° 51' 18.1776"	E75° 44' 10.6379"
		B	N15° 51' 19.5515"	E75° 44' 14.8831"
		C	N15° 51' 09.8727"	E75° 44' 19.4641"
		D	N15° 51' 09.5616"	E75° 44' 18.2007"
		E	N15° 51' 10.3269"	E75° 44' 17.5120"
		F	N15° 51' 11.9482"	E75° 44' 16.0181"
		G	N15° 51' 10.3724"	E75° 44' 13.7135"
		H	N15° 51' 13.6661"	E75° 44' 12.1632"
		H-1	N15° 51' 28.2124"	E75° 44' 18.7275"
		H-2	N15° 51' 15.0121"	E75° 44' 30.2395"
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	9-29 Acres		
7	Annual Production (Metric Ton / Cum) Per Annum	65,000 Ton/annum for 1st & 2nd year, 34,088 Tones for 3rd year (including waste)		
8	Project Cost (Rs. In Crores)	Rs. 1.66 Crores (Rs. 166 Lakhs)		
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,64,088Tones (including waste)		
10	Permitted Quantity Per Annum - Cu.m / Ton	65,000 Ton/annum for 1st & 2nd year, 34,088 Tones for 3rd year (including waste)		
11	CER Activities: To provide solar power panels and health camp in nearby community places to the GHPS of Belur village, Health camps in Belur village, RWH in GHPS of Belur village			
12	EMP Budget	Rs. 30.85 Lakhs (Capital Cost) & Rs. 11.53 lakhs (Recurring cost)		
13	Forest NOC	06.04.2022		
14	Cluster certificate	24.08.2023		
15	Revenue NOC	23.02.2022		
16	DTF	25.07.2022		
17	App. Quarry Plan	11.10.2022		
18	JIR	3 mtr		

The proposal was earlier considered in 287th SEAC meeting and the Committee had deliberated the following,

> *"The committee initially noted the complaint received through email (premkumar3258877@gmail.com) on 18th November 2022 for the present proposal and the committee at the time of appraisal sought point wise clarification from the project Proponent and Consultant. The proponent informed the committee that they will come back with clarification. Hence the committee after discussion decided to defer the appraisal of the project."*

The following is the issue raised in the complaint received through email (premkumar3258877@gmail.com) on 18th November 2022,

> *"In the cluster sketch uploaded they have mentioned only one lease but in actual there are many leases in the same village which are already uploaded and issued Environmental Clearance in the past few years some*

of them are shown below. These leases are within 500 m from the proposed lease.
1. Bharamappa Pujar SEIAA 118 MIN 2019
2. Sri. Veeranagouda R Patil SEIAA 109 MIN 2020"

In the present meeting, the Proponent submitted a recent cluster sketch from DMG dated 10.10.2023 and informed the Committee that there is one lease within the radius of 500mtr from the applied lease area as the lease of Sri Veeranagouda R Patil (BGK 499) with extent 7-08 Acres had expired and thus the total area considered for cluster is 9-29 Acres and hence the project needs to be categorized as B2.

The Committee noted the clarification and appraised the project.

There is an existing cart track road to a length of 620 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. As per the DMG inspection report there are no river sand mining in radius of 5km from the said lease.

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 1,64,088 Tons (including waste) and estimated the life of the quarry to be 3 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 65,000 Ton/annum for 1st& 2nd year, 34,088 Tones for 3rd year (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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.60 Goravanakolla Quartzite Mine Project at Goravanakolla Village, Soundatti Taluk, Belagavi District (10-00 Acres) by Sri Shivanand I. Mamadapur - Online Proposal No.SIA/KA/MIN/416695/2023 (SEIAA 64 MIN 2023)

About the project:

Sl.No.	PARTICULARS	INFORMATION SUBMITTED BY P.P.
1	Name & Address of the Projects Proponent	Sri Shivanand I. Mamadapur
2	Name & Location of the Project	Goravanakolla Quartzite Mine Project at Sy.No.137(P) of Goravanakolla Village, Soundatti Taluk, Belagavi District (10-00 Acres)

3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification/Renewal	Renewal
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta
6	Area in Acres	10-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	42,105 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1 Crores (Rs. 100 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	33,71,550 Tones(including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	40,000 Tones/ Annum (excluding waste)
11	**CER Activities:** Propose take up 1,500 No. of additional plantation on either side of the approach road from quarry location to Goravanakolla Village Road	
12	EMP Budget	Rs. 10.37 Lakhs (Capital Cost) & 7.97 Lakhs (Recurring cost)
13	Forest NOC	12.11.2021
14	Quarry plan	02.03.2021
15	Cluster certificate	27.07.2021
16	Audit Report	25.10.2022

The proposal was considered during 293rd SEAC meeting and the Committee deliberated the following,

"The Committee initially sought clarification with respect to the present site condition as per the KML submitted by Proponent. The Proponent informed the Committee that, the earlier lease was granted on 13.08.2004 with lease no. 2457 and SEIAA had closed the file on 27.03.2013 informing that major mineral less than 5 Ha does not attract EC. The Proponent has stated that they have stopped mining from 2015-16 as per the Audit report issued by DMG on 25.10.2022.

The committee noted that quartzite has been declared as minor mineral vide Notification dated 10.02.2015. In the Hon'ble NGT Order in O.A 123/2014 dated 13.01.2015 in para XII of the Order it is stated that,

"In the meanwhile, no State shall permit carrying on of sand mining or minor mineral extraction on riverbed or otherwise without the concerned person obtaining Environmental Clearance from the competent authority."

The Chairman, opined in compliance to the order of Supreme Court in Deepak kumar case, MOEF Vide OM dt 18.5.2012 made EC mandatory for new and at the time of renewal for all minor mineral with lease area less than 5 ha. However, in the said OM there is no mention of its applicability to the existing leases. Subsequently, Hon'ble NGTs at Chennai, New Delhi ordered about applicability for existing leases as well for leases less than 5 ha and fixed different time frames for submission of appls for EC.

To begin with a time frame of 1-year wef 16.12.13 was fixed. Subsequently a time frame of 3 months wef 13th Jan 2015 was fixed for submission of application. Further, it is ordered elsewhere, application received after 31.3.2016 to be treated as violation and to be processed accordingly. Ours Being environment related committee, and with no

mining activity mere non submission of appln in time may not be treated as violation.

Hon'ble NGT (OA 171/2013) in an interim order dt 5th August 2013 stated EC is required for existing units and till then mining operation to be stopped. To my knowledge this is the first such order insisting EC for existing leases with area less than 5ha. Subsequently NGT in (OA123/2014)in its final order dt 13 Jan 2015, stated EC for existing units is mandatory.

In the recent NGT order dt 27 th May 2021(OA No 244/2017) in the case of Joseph vs others, reference was made to Notification dt 15.1.2016 and concluded any mining operation without EC post 15.1.2016 to be treated violation.
In the SEAC meeting there was deliberation on the notification dt 15.1.2016 and there was a view to take 15.1.2016 as reference date to insist EC for existing leases with area less than 5 ha.

In the said referred Notification dt 15.1.2016 there is a mention of obtaining EC for leases less than 5 ha and no mention about requirement or other wise of EC for leases existing prior to 15.1.2016. Hon'ble NGT might have quoted the said notification, may be due to mentioning in the petitioner's appeal.
The said OA is related to an individual dispute between Mr Joseph and others and cannot be construed as reference date to decide need of EC for existing leases (minor minerals) with area less than 5 ha. MOEFCC issued said notification dt 15.1.2016 due to formation for the first time of dist EAC committees and delegation of powers for district, State EACs and at central level.

With the issue of OM dt 18.5.2012, there is existence of effective date for fresh leases with leases less than 5ha. The clarification needed / required by the committee is about cut off dates for existing leases to obtain EC. This was not addressed in the Notification dt 15.1.2016.
In my opinion, the notification dt 15.1.2016 was about need of EC for leases with area less than 5 ha. However, this cannot be construed as effective date for insisting EC for existing leases as well with area less than 5 ha.

The earliest clarification about the need of EC for existing leases with area less than 5 ha was vide interim order dt 5 th Aug 2013 and 13.1.2015 both by NGT vide OA123/2014.
To be considered by any Govt appointed Official committee, there need to be issue of Official Govt order / Notification to comply with any directions by the court including Hon'ble NGT.

All along committee took different cut off dates to consider violation for existing leases.

Applicability of EC will be with prospective effect. To make retrospective, there shall be a window period for the existing leases to comply with conditions to obtain EC.

To my knowledge cut of dates fixed by this committee in different meetings were 5th August 2013, 13.01.2015 and some members are of opinion to take cut off date as 15.01.2016. By Fixing different cut off dates in different SEAC meetings, the aggrieved lessees / licensee may approach court and it may leads to legal scrutiny.

SEAC is a technical appraisal committee and do not have expertise to go through various circulars, court orders and it's interpretation to decide the cut off date. Further cut off dates should be based on Notifications, OMs issued by MOEF and to be uniform for every state and union territory in the country.

In the light of various court orders, OMs, Notifications issued by MOEFCC. Cut off date to be considered for existing and fresh leases for violation and this to be decided and to be communicated to SEAC by SEIAA or by Environment dept.

There is no clarity whether mining activity carried out after 10.02.2015 should be considered as violation or not. Hence the committee after discussion decided to seek clarification from SEIAA as per the Hon'ble NGT Order in O A 123/2014 dated 13.01.2015."

The Authority in its 233rd SEIAA meeting had referred the file by informing the following,

"The subject was discussed in the SEAC meeting held on 14th & 15th March 2023. The Committee has recommended to SEIAA for clarification from SEIAA 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 as per the KML submitted by Proponent. The Proponent informed the Committee that, the earlier lease was granted on 13.08.2004 with lease no. 2457 and SEIAA had closed the file on 27.03.2013 informing that major mineral less than 5 Ha does not attract EC. The Proponent has stated that they have stopped mining from 2015-16 as per the Audit report issued by DMG on 25.10.2022.

The committee noted that quartzite has been declared as minor mineral vide Notification dated 10.02.2015. In the Hon'ble NGT Order in O A 123/2014 dated 13.01.2015 in para XII of the Order it is stated that,

"In the meanwhile, no State shall permit carrying on of sand mining or minor mineral extraction on riverbed or otherwise without the concerned person obtaining Environmental Clearance from the competent authority."

The Chairman, opined in compliance to the order of Supreme Court in Deepak Kumar case. MOEF Vide OM dt 18.5.2012 made EC mandatory for new and at the time of renewal for all minor mineral with lease area less than 5 ha. However, in the said OM there is no mention of its applicability to the existing leases. Subsequently, Hon'ble NGTs at Chennai, New Delhi ordered about applicability for existing leases as well for leases less than 5 ha and fixed different time frames for submission of apply for EC.

To begin with a time frame of 1-year wef 16.12.13 was fixed. Subsequently a time frame of 3 months wef 13th Jan 2015 was fixed for submission of application. Further, it is ordered elsewhere, application received after 31.3.2016 to be treated as violation and to be processed accordingly. Ours Being environment related committee, and with no mining activity mere non submission of appln in time may not be treated as violation.

Hon'ble NGT (OA 171/2013) in an interim order dt 5th August 2013 stated EC is required for existing units and till then mining operation to be stopped. To my knowledge this is the first such order insisting EC for existing leases with area less than 5ha. Subsequently NGT in (OA123/2014)in its final order dt 13 Jan 2015, stated EC for existing units is mandatory.

In the recent NGT order dt 27 th May 2021(OA No 244/2017) in the case of Joseph vs others, reference was made to Notification dt 15.1.2016 and concluded any mining operation without EC post 15.1.2016 to be treated violation.

In the SEAC meeting there was deliberation on the notification dt. 15.1.2016 and there was a view to take 15.1.2016 as reference date to insist EC for existing leases with area less than 5 ha

In the said referred Notification dt 15.1.2016 there is a mention of obtaining EC for leases less than 5 ha and no mention about requirement or other wise of EC for leases existing prior to 15.1.2016 Hon'ble NGT might have quoted the said notification, may be due to mentioning in the petitioner's appeal.

The said OA is related to an individual dispute between Mr. Joseph and others and cannot be construed as reference date to decide need of EC for existing leases (minor minerals) with area less than 5 ha. MOEFCC issued said notification dt 15.1.2016 due to formation for the first time of dist EAC committees and delegation of powers for district, State EACs and at central level.

With the issue of OM dt 18.5.2012, there is existence of effective date for fresh leases with leases less than 5ha. The clarification needed / required by the committee is about cut off dates for existing leases to obtain EC. This was not addressed in the Notification dt 15.1.2016.

In my opinion, the notification dt 15 1.2016 was about need of EC for leases with area less than 5 ha. However, this cannot be construed as effective date for insisting EC for existing leases as well with area less than 5 ha.

The earliest clarification about the need of EC for existing leases with area less than 5 ha was vide interim order dt 5 th Aug 2013 and 13.1.2015 both by NGT vide OA123/2014.

To be considered by any Govt. appointed Official committee, there need to be issue of Official Govt. order/Notification to comply with any directions by the court including Hon'ble NGT.

All along committee took different cut off dates to consider violation for existing leases.

Applicability of EC will be with prospective effect. To make retrospective, there shall be a window period for the existing leases to comply with conditions to obtain EC.

To my knowledge cut of dates fixed by this committee in different meetings were 5th August 2013, 13.01.2015 and some members are of opinion to take cutoff date as 15.01 2016 By Fixing different cut off dates in different SEAC meetings, the aggrieved lessees / licensee may approach court and it may leads to legal scrutiny.

SEAC is a technical appraisal committee and do not have expertise to go through various circulars, court orders and it's interpretation to decide the cutoff date. Further cut off dates should be based on Notifications, OMs issued by MOEF and to be uniform for every state and union territory in the country.

In the light of various court orders, OMs, Notifications issued by MOEFCC, Cutoff date to be considered for existing and fresh leases for violation and this to be decided and to be communicated to SEAC by SEIAA or by Environment dept.

There is no clarity whether mining activity carried out after 10.02.2015 should be considered as violation or not. Hence the committee after discussion decided to seek clarification from SEIAA as per the Hon'ble NGT Order in O A 123/2014 dated 13.01.2015.

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

The Authority after discussion decided to seek the opinion from Advocate, SEIAA, Accordingly, Shri Vasanth H K Advocate SEIAA has given his opinion. Opinion of the Advocate, SEIAA is hereunder,

1. Applications seeking EC for existing lease holders below 5 Hectares as per Notification dated 15/01/2016, which had obtained all other statutory permissions :-

a) Filed and pending as on 31/03/2016 - To be treated as NORMAL

b) Filed after 31/03/2016 - To be treated as VIOLATION CASES

This cutoff date is as per the judgement dated 30/06/2020 passed by NGT (SZ) in OA 136/2017.

2. Where applications seeking EC for existing mining operations below 5 Hectares have been filed and mining operations were carried out without any kind of permission from other statutory authorities, the same shall be treated as VIOLATION CASE from the beginning of their mining operations as per EIA Notification dated 14/09/2006

3. Where applications seeking EC have been filed by the existing lease holders after the cutoff date of 31/03/2016 but have not carried out any mining activity due to various reasons, the same may be treated as VIOLATION CASE but while appraising as per Notification dated 14/03/2017 and OM dated 07/07/2021, reports may be sought from the concerned departments like DMG, PCB while assessing damage to environment, remedial measures, imposing penalty etc.

4. Where applications seeking EC have been filed by the existing lease holders after the cutoff date of 31/03/2016 and have carried on mining activity, the same may be treated as VIOLATION CASE and while appraising as per Notification dated 14/03/2017 and OM dated 07/07/2021, reports may be sought from the concerned departments like DMG, PCB while assessing damage to environment, remedial measures, imposing penalty etc.

5. All the violation cases to be appraised as per Notification dated 14/03/2017 and OM dated 07/07/2021

6 It is after Deepak Kumar's case that the Hon'ble Supreme Court made it mandatory for obtaining EC for all the mining activities of minor minerals irrespective of the area of operation

7 MoEF&CC on 18/5/2012 issued an OM clarifying that existing mine operators doing mining activity in less than 5 Hectares need to apply for EC only at the time of renewal or at the time of expansion of their unit more than the capacity permitted under the lease.

8. It may be noted that the Principle Bench of NGT in its final order in OA No. 123/2014 dated 13/01/2015 and other connected cases held that even the mining activity having an area of less than 5 hectares need EC and the existing mining lease holders would also have to comply with the requirement of obtaining EC. It was also stated in the said judgement that till the existing lease holders get EC, mining operations need to be stopped immediately.

9. In OA 495/2015 (Jatindar Singh & Others Vs Union of India & Others), the Hon'ble NGT (PB) while disposing of the case vide order dated 19/02/2016 has extended the scope of judgement in Deepak Kumar's case and has held that the judgement is applicable to both minor and major minerals.

10. This aspect was considered by NGT(SZ) in OA no. 136/2017 and by judgement dated 30/6/2020, after considering all the notifications issued in this regard and also the judgement of the Supreme Court and Principal Bench of NGT observed that after 15/1/2016, all existing mining lease holders, whether minor or major mineral irrespective of the area of lease has to obtain EC for continuance of their operation and further held that those who have not filed application prior to 31/03/2016 will be considered as a violation case. The points considered by NGT in the above case are as follows: -

(i) Whether the mining lease of major minerals having extent of less than 5 Hectares require Environment Clearance after EIA Notification, 2016 dated 15.1.2016?

(ii) Whether the Circular dated 3.4.2017 issued by MoEF & CC is liable to be set aside for any of the reasons stated by the applicants in their application?

(iii) Whether the applications filed by the members of the applicant federation after 15.1.2016 have to be treated as violation cases or any cutoff date has to be fixed by the Tribunal for enabling the parties to file their application in view of the circumstances mentioned by them in this application?

After considering all aspects, Hon'ble NGT by judgement dated 30/6/2020 has disposed of the case as follows: -

(i)The applicant is not entitled to get a declaration to quash Circular dated 3.4.2017 as prayed for but can be clarified as detailed as per direction No.(ii) onwards.

(ii) The applications which are pending as on 31.3.2016 for Environment Clearance have to be treated as normal applications and not violation applications and the authorities are directed to dispose of those applications in accordance with law.

(iii) The persons who have not filed applications on or before 31.3.2016 and filed thereafter can be treated as violation applications and the MoEF & CC /SEIAA is directed to dispose of those applications as violation cases in accordance with law

(iv) It is also made clear that all mining leases, either major or minor, even less than 5 hectares area, has to apply and get Environment Clearance as per the amended EIA Notification dated 15.1.2016. This will apply to the existing mining leases as well. Without obtaining necessary Environment Clearance irrespective of area, no mining, both minor/major, shall be permitted to operate.

(Please refer Para 26, 27, 53 and 62 of the judgement, which is self explanatory)

11. Hence, all the applications for EC filed before 31/03/2016 are to be considered as normal applications and applications filed after 31/03/2016 have to be considered under violation category

12. The MoEF & CC vide notification dated 07/10/2014 has brought mining of major minerals having mining area of less than 5 Hectares under the ambit of EC. A provision was also given for existing lease holders to apply for EC at the time of renewal. But the Hon'ble NGT (PB) vide its order in OA No. 123/2014 dated 13/01/2015 has held that even the mining activity having an area of less than 5 hectares need EC and that till the existing lease holders get EC, mining operations need to be stopped immediately.

Therefore, the Authority perused the opinion of Advocate, SEIAA and decided to communicate the same to SEAC to appraise mining proposals following due procedure of law based on the merit of the case."

The proposal was once again considered in 303rd SEAC meeting and the Proponent remained absent.

In the present meeting, the Proponent submitted an audit report certified by DMG dated 16.10.2023 and informed that as per the audit report the mining operation was stopped during December 2014 and no mining had been carried out further which is prior to the cut of dates issued by SEIAA i.e 13.01.2015 and hence requested the Committee to consider the proposal for grant of EC. The Committee noted the details and appraised the project.

The Proponent informed the Committee that the proposal is for renewal of a lease which was granted earlier on 13.08.2004, with QL No. 2457 which has been non-operational since December 2014 till date and justified the same as per the audit report issued by DMG dated 25.10.2022 and, 16.10.2023.

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 December 2014 till date and no environmental damage has been caused and requested the Committee not to consider the proposal under violation category.

The Committee after discussion, decided to consider the proposal based on the DMG audit report, informing that no mining activity had been carried out since December 2014 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 570mtr connecting lease area to the all-weather black topped road and the Committee informed that the quarrying operation needs to be commenced after asphalting 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 33,71,550 Tones (including waste) and estimated the life of mine to be coterminous with lease period.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 42,105tons / 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

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.61 Laterite Stone Quarry Project at Badagamijaru Village, Mudabidre Taluk, Dakshina Kannada District (7-30 Acres) by M/s. Redstone Trading Corporation - Online Proposal No.SIA/KA/MIN/439495/2023 (SEIAA 369 MIN 2023)

About the project:

SLNo	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	M/s. Redstone Trading Corporation .
2	Name & Location of the Project	Laterite Stone Quarry Project at Sy. Nos.154/2 & 154/3B of Badagamijaru Village, Mudabidre Taluk, Dakshina Kannada District (7-30 Acres)

N 13° 02' 57.2011"	E 74° 55' 18.2078"
N 13° 03' 02.8022"	E 74° 55' 15.2089"
N 13° 03' 07.2078"	E 74° 55' 13.9069"
N 13° 03' 05.8096"	E 74° 55' 15.3077"
N 13° 03' 08.9037"	E 74° 55' 16.5023"
N 13° 03' 05.7002"	E 74° 55' 19.3055"
N 13° 03' 04.5032"	E 74° 55' 16.8012"
N 13° 03' 00.1002"	E 74° 55' 21.0000"
N 13° 02' 56.2063"	E 74° 55' 17.3089"

3	Type Of Mineral	Laterite Stone Quarry
4	New/Expansion/Modification/Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal. Private/Patta, Other]	Patta
6	Area in Acres	7-30 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,10,526 Tonns/annum for 2 years, 3,68,421 Tonns/annum for 3 years (including waste)
8	Project Cost (Rs. In Crores)	Rs. 2.03 Crores (Rs. 203 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	19,01,225 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,00,000 Tonns/annum for 2 years, 3,50,000 Tonns/annum for 3 years (excluding waste)
11	CER Activities:	

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

12	EMP Budget	Rs.11.11 lakhs (Capital Cost) & Rs.1.01 lakhs (Recurring cost)
13	Forest NOC	02.12.2022
14	Quarry plan	20.07.2023
15	Cluster certificate	21.07.2023
16	Revenue NOC	24.06.2021
17	Notification	17.05.2023

The proposal was earlier considered in 303rd SEAC meeting and the Committee had deliberated the following,

> *"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 quarrying activities has been carried out by Proponent.*
>
> *The Committee noted the clarification given by Proponent and observed that though as per the cluster sketch there is one lease in a radius of 500 mtrs from the applied lease area, but as per the google earth images there are more than one lease around the applied lease. Hence, the Committee after discussion decided to defer the project for want of clarification from DMG in this regard."*

In the present meeting the Proponent submitted clarification from DMG dated 13.10.2023, informing that pits visible in the google earth images is not related to applied area. In the vicinity/with in 500mtr no other leases/work permissions is granted/issued. The Committee noted the clarification given by DMG and appraised the project.

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 9.50 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 570 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 19,01,225 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 2,10,526 Tonns/annum for 2 years, 3,68,421 Tonns/annum for 3 years (including waste), with following consideration,

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

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.62 Building Stone Quarry Project at Shivapura Village, Hebri Taluk, Udupi District (3-00 Acres) by Sri Prasanna Shetty - Online Proposal No.SIA/KA/MIN/437660/2023 (SEIAA 330 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Prasanna Shetty
2	Name & Location of the Project	Building Stone Quarry Project at In Part of Sy.No.176/P1 of Shivapura Village, Hebri Taluk, Udupi District (3-00 Acres) N 13° 24' 08.1" E 74° 58' 00.9" N 13° 24' 08.0" E 74° 58' 02.9" N 13° 24' 01.7" E 74° 58' 04.9" N 13° 24' 01.6" E 74° 58' 02.9"
3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification/Renewal	Regularization of EC
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomal
6	Area in Acres	3-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	4,309 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.18 Crores (Rs. 118 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,54,322 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	4,094 Tones / Annum (excluding waste)
11	**CER Activities:** 1st: Providing solar lights to to the GHPS at Shivapura Village 2nd: 3rd: Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages 4th: Scientific support and awareness to local farmers to increase yield of crop and fodder 5th: Health camp in the GHPS at Shivapura Village	
12	EMP Budget	Rs. 61.25 Lakhs (Capital Cost) & Rs. 6.63 Lakhs (Recurring cost)
13	Forest NOC	29.09.2014
14	Cluster certificate	25.11.2020
15	CCR from KSPCB	30.01.2023
16	Audit Report	18.02.2021

The proposal was considered during 302nd SEAC meeting and the Committee had deliberated the following,

"The Proponent informed the Committee that earlier they had EC, which was issued by SEIAA on 18.09.2015 and based on the compliant received by an individual, the Hon'ble NGT in OA 204/2017 had noted about the non-compliance to EC conditions based on the Joint Committee report and had imposed penalty for violation of EC conditions. Accordingly, SEIAA on 02.12.2021 had cancelled the EC.

Proponent informed the Committee that after complying with the directions of Hon'ble NGT, they had applied for expansion vide proposal

number SIA/KA/MIN/254677/2022 (SEIAA 40 MIN 2022) and have submitted CCR from KSPCB on 30.01.2023. As the original EC was withdrawn by SEIAA the Committee had asked the Proponent to seek restoration of EC from SEIAA.

Further, the Proponent informed the Committee that presently they had applied for fresh EC with no change in production to the EC issued in 2015.

The Committee noted the clarification given by Proponent and informed the Proponent to adhere to the directions of Hon'ble NGT about the violations recorded for non-compliance to EC conditions and the Hon'ble NGT had also directed the following,

"v. The right of the 4th Respondent to challenge the cancellation of Environmental Clearance (EC) as well as the order imposing compensation, if any passed, after hearing the 4th Respondent as directed above before the appropriate forum is left open."

Further, the Committee informed the Proponent to submit the clarification from competent authority for the compliance undertaken to the violations identified by the Joint Committee and in the CCR of KSPCB. The Committee also noted that the proposed area is earmarked as Deemed Forest as per the Forest Department GO dated 05.05.2022 and informed the Proponent to get clarification in this regard.

The Committee after discussion decided to defer the project for the above mentioned reason and informed the Proponent to get clarification from the competent authorities."

In the present meeting, the Committee sought details regarding the chronological events for deliberation. The Proponent informed that, SEIAA had issued EC on 18.09.2015 for extent of 3-00 Acres, during 2017 and some individuals complained to the Hon'ble NGT Southern Zone that quarry activity was carried out without adhering to the EC conditions and there was a violation. Accordingly the Hon'ble NGT in OA No. 204 of 2017 (SZ) formed a Joint Committee to submit factual details about the site.

The Joint Committee filed a report on 22.02.2021, and based on the report of the Joint Committee the penalty was calculated as Rs.7,80,000/- for the violation of EC conditions. The State Environmental Impact Assessment Authority (SEIAA) issued a notice to the Proponent stating that there was non-compliance with regard to Blacktopping of the link road from quarry site to main road, setting up of separate Environment Management cell with suitable qualified personal, advertisement about grant of EC and partial compliance of Digital processing of the entire lease area using remote sensing technique which should have been done once in 3 years, submission of six month compliance report on the status of the implementation of the stipulated environmental safeguards but had submitted only two compliance reports.

The Proponent informed the Committee that they had paid the total penalty levied of Rs. 7,80,000/- (for QL 371 & QL 358) through DD bearing no. 024993 to KSPCB and informed that they had complied with the non-compliances mentioned by the Joint Committee report and further requested SEIAA to restore the EC. SEIAA has directed to submit CCR from KSPCB to evaluate the compliances. As per the directions of SEIAA, CCR was issued by KSPCB on 30.1.2023 and the following were the observations of KSPCB in the CCR,

Condition	Observation from KSPCB
Baseline data on health profile of each of the workers shall be maintained.	Documents not available.
Suitable rainwater harvesting measures on long term shall be planned and implemented in consultation with Regional Director, Central Ground Water Board for complete rain water harvesting by constructing check dams/converting quarried pits to rain water harvesting ponds.	Not taken any rain water harvesting measures. The proponent has agreed to take suitable rainwater harvesting measures.
Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to DEIAA Udupi	Digital processing of the entire lease area using remote sensing technique not carried out.
Plantation monitoring programme during post project period for ensuring survival and growth rate of plantation in reclaimed area	Plantation near the quarry area were carried out by proponent (road side plantation).
Retention walls should be a minimum of 2.5 mtr height with base of 3 mtr.	No retention wall at the site
The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the DEIAA Udupi, Department of Environment and Ecology, Govt. of Karnataka APCCF, Regional office, MoEF, Bangalore; the Central Pollution Control Board and the Karnataka State Pollution Control Board.	KSPCB has not received any report so far.
The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District industry Centre and Collectors office/ Tahsildar's office for 30 days.	EC copy not marked to KSPCB office. hence not complied.
The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at http://environmentclearance.nic.in website of the MoEF & CC and http://seiaa.karnataka.gov.in and a copy of the same should be forwarded to the Department of Environment and Ecology, Government of Karnataka and the APCCF Regional office, MoEF Bangalore	Quarry owner has informed that paper advertisement has been given and copies of EC forwarded to all the Departments. Not furnished copies for reference.

Further, the Proponent had complied with all observations in CCR issued by KSPCB and submitted compliance report for the non-compliances to the KSPCB on 17.08.2023 and requested the Committee to consider the proposal as they had complied with all the non-compliances & partial compliances to grant fresh EC with no change in production for the EC issued by SEIAA on 18.09.2015.

The Committee noted the clarification and appraised the project.

There is an existing cart track road to a length of 1290meters 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 informed that they had asphalted the approach road.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 7,54,322 tones(including waste) and estimated the life of mine 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 4,309 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. Proponent to adher to the compliances given to the observations in CCR issued by KSPCB before starting of quarrying operation
3. To grow trees all along the approach road during the first year of operation.
4. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.63 Building Stone Quarry Project at Shivapura Village, Hebri Taluk, Udupi District (2-00 Acres) by Sri Prasanna Shetty - Online Proposal No.SIA/KA/MIN/437659/2023 (SEIAA 334 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Prasanna Shetty
2	Name & Location of the Project	Building Stone Quarry Project at In Part of Sy.No.176/P1 of Shivapura Village, Hebri Taluk, Udupi District (2-00 Acres)
		Latitude / Longitude: N 13° 24' 11.2" / E 74° 58' 00.9"; N 13° 24' 11.1" / E 74° 58' 03.5"; N 13° 24' 08.0" / E 74° 58' 03.5"; N 13° 24' 08.1" / E 74° 58' 00.9"
3	Type Of Mineral	Building Stone Quarry
4	New/Expansion/Modification/Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	GovernmentGomal
6	Area in Acres	2-00 Acres
7	Annual Production (Metric Ton /	4,211 Tones/ Annum (including waste)

	Cum) Per Annum	
8	Project Cost (Rs. In Crores)	Rs. 1.03 Crores (Rs. 103 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,07,811Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	4,000 Tones / Annum (excluding waste)
11	CER Activities:	

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

12	EMP Budget	Rs.26.73 lakhs (Capital Cost) & Rs. 5.97 lakhs (Recurring cost)
13	Forest NOC	05.06.2013
14	Quarry plan	20.07.2023
15	Cluster certificate	25.11.2020
16	CCR from KSPCB	30.01.2023
17	Audit Report	18.02.2021

The proposal was considered during 302nd SEAC meeting and the Committee had deliberated the following,

The Proponent informed the Committee that earlier they had EC issued by SEIAA on 30.10.2014 and based on the compliant received by an individual, the Hon'ble NGT in OA 204/2017 had noted about the non-compliance to EC conditions based on the Joint Committee report and had imposed penalty for violation of EC conditions. Accordingly, SEIAA on 02.12.2021 had cancelled the EC.

Proponent informed the Committee that after complying with the directions of Hon'ble NGT, they had applied for expansion vide proposal number SIA/KA/MIN/254655/2022 (SEIAA 39 MIN 2022) and has submitted CCR from KSPCB on 30.01.2023. As the original EC was withdrawn by SEIAA the Committee had asked the Proponent to seek restoration of EC from SEIAA.

Further, the Proponent informed the Committee that presently they had applied for fresh EC with no change in production to the EC issued in 2015, as per the Directions of Hon'ble HC in WP 1547/2022 where in the Hon'ble HC Ordered the following,

"ii. The impugned order at Annexures-K and L both dated 02.12.2021 passed by the respondent area hereby quashed.

iii. The respondent – Authority shall reconsider the application/claim of the petitioner in accordance with law as expeditiously as possible and at any rate within a period of six weeks from the date of receipt of certified copy of this order."

The Committee noted the clarification given by Proponent and informed the Proponent that the present proposal is considered in compliance to the directions issued by Hon'ble H.C.

Further, it was informed to the Proponent to adhere to the directions of Hon'ble NGT regarding the violations recorded for non-compliance to EC conditions and the Hon'ble NGT had also directed the following.

"v. The right of the 4th Respondent to challenge the cancellation of Environmental Clearance (EC) as well as the order imposing compensation, if any passed, after hearing the 4th Respondent as directed above before the appropriate forum is left open."

Further, the Committee informed the Proponent to submit the clarifications from competent authority for the compliance undertaken to the violations identified by the Joint Committee and in the CCR of KSPCB. The Committee also noted that the proposed area is earmarked as Deemed Forest as per the Forest Department GO dated 05.05.2022 and informed the Proponent to get clarification in this regard.

The Committee after discussion decided to defer the project for the above mentioned reason and informed the Proponent to get clarification from the competent authorities.

In the present meeting the Committee sought details about the chronological events for deliberation. The Proponent informed that, the Environmental Clearance (EC) for the leases were issued on 30.10.2014 by SEIAA for extent of 3 Acres. The extent of the quarry lease was reduced from 3 acres to 2 acres vide Department of Mines and Geology letter dated 23.07.2015. Also, the quarry lease of QL no. 358 was reduced by the Department of Mines and Geology from 3 to 2 Acres. Some individuals complained to the Hon'ble NGT Southern Zone that the quarry acitivity was carried out without adhering to the EC conditions and there was a violation. Accordingly the Hon'ble NGT in OA No. 204 of 2017 (SZ) formed Joint Committee to submit factual details of the site. The Joint Committee filed a report on 22.02.2021 and based on the report of the Joint Committee the penalty was calculated has Rs. 7,80,000/- for the violation of EC conditions.

The SEIAA issued a Show Cause notice on 18.09.2021 and called for a meeting on 27.09.2021. The Proponent replied on 25.10.2021, informing them that the compliance had been done and that the area was reduced from 3 to 2 acres because 1 Acre was included in the safer zone notification in Sy No. 176. Subsequently, the SEIAA withdrew the EC mainly for the reason that the extent was reduced from 3 to 2 acres without any amendment in EC, and the EC was withdrawn for both files (for QL 371 & QL 358) on 02.12.2021. The Honb'ble NGT disposed of the OA 204/2017 on 03.01.2022. Applicant submitted fresh application for EC modification on 07.02.2022. SEIAA 39 MIN 2022 for 2 Acre quarry and SEIAA 40 MIN 2022 for 3 Acre quarry.

The Proponent informed the Committee that they had paid the total penalty (for QL 371 & QL 358) levied of Rs. 7,80,000/- through DD bearing no. 024993 and informed that they had complied with the non-compliances mentioned by the Joint Committee report.

Proponent approached the High Court of Karnataka, and the high court issued an order on 07.03.2022 to quash the letter dated 02.12.2021 and reconsider the EC application and issue EC within 6 weeks.

SEIAA was requested to restore the EC and SEIAA had directed to submit CCR from KSPCB to evaluate the compliances. As per the directions of SEIAA, CCR was issued by KSPCB on 30.1.2023 and the following were the observations of KSPCB in the CCR,

Condition	Observation from KSPCB
Baseline data on health profile of each of the workers shall be maintained,	Documents not available.
Suitable rainwater harvesting measures on long term shall be planned and implemented in consultation with Regional Director, Central Ground Water Board for complete rain water harvesting by constructing check dams/converting quarried pits to rain water harvesting ponds.	Not taken any rain water harvesting measures. The proponent has agreed to take suitable rainwater harvesting measures.
Digital processing of the entire lease area using remote sensing technique should be done regularly once in three years for monitoring land use pattern and report submitted to DEIAA Udupi	Digital processing of the entire lease area using remote sensing technique not carried out.
Plantation monitoring programme during post project period for ensuring survival and growth rate of plantation in reclaimed area	Plantation near the quarry area were carried out by proponent (road side plantation).
Retention walls should be a minimum of 2.5 mtr height with base of 3 mtr.	No retention wall at the site
The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the DEIAA Udupi, Department of Environment and Ecology, Govt. of Karnataka APCCF, Regional office, MoEF, Bangalore; the Central Pollution Control Board and the Karnataka State Pollution Control Board.	KSPCB has not received any report so far.
The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District industry Centre and Collectors office/ Tahsildar's office for 30 days.	EC copy not marked to KSPCB office, hence not complied.
The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at http://environmentclearance.nic.in website of the MoEF & CC and http://seiaa.karnataka.gov.in and a copy of the same should be forwarded to the Department of Environment and Ecology, Government of Karnataka and the APCCF Regional office, MoEF Bangalore	Quarry owner has informed that paper advertisement has been given and copies of EC forwarded to all the Departments. Not furnished copies for reference.

Accordingly, the Proponent had complied with all observations in CCR issued by KSPCB and submitted undertaking to the KSPCB on 17.08.2023 after complying with the observations in CCR and requested the Committee to consider the proposal as they had complied with all the non-compliances & partial compliances to grant fresh EC with no change in production for the EC issued by SEIAA on 30.10.2014.

The Committee noted the clarification and appraised the project.

There is an existing cart track road to a length of 380meters 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 3,07,811tones(including waste) and estimated the life of mine 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 4,211 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. Proponent to adher to the compliances given to the observations in CCR issued by KSPCB before starting of quarrying operation
3. To grow trees all along the approach road during the first year of operation.
4. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.64 Building Stone Quarry Project at Arepura Village, Gundlupete Taluk, Chamarajanagara District (2-10 Acres) by Sri Dileep Kumar N - Online Proposal No.SIA/KA/MIN/440697/2023 (SEIAA 390 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Dileep Kumar N
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.179/2 of Arepura Village, Gundlupete Taluk, Chamarajanagara District (2-10 Acres)

Latitude	Longitude
N 11°58'31.5"	E 76°39'35.2"
N 11°58'33.6"	E 76°39'35.2"
N 11°58'33.2"	E 76°39'29.6"
N 11°58'31.7"	E 76°39'29.6"
N 11°58'31.9"	E 76°39'32.7"
N 11°58'31.6"	E 76°39'32.6"

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

	Private / Patta, Other)	
6	Area in Acres	2-10 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	57,895 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	11,34,349Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	55,000 Tones / Annum (excluding waste)
11	CER Activities: To grow 200 No. of additional plantation on either side of the approach road from quarry location to Arepura Village Road	
12	EMP Budget	Rs. 10.05 lakhs (Capital Cost) & Rs. 3.25 lakhs (Recurring cost)
13	Forest NOC	21.03.2023
14	Quarry plan	27.07.2023
15	Cluster certificate	27.07.2023
16	Revenue NOC	16.03.2023
17	Notification	26.07.2023

The proposal was considered in the 304th SEAC meeting. The Proponent remained absent and hence the Committee after discussion decided to defer the appraisal of the Project.

In the present meeting, the Committee noted that as per the cluster sketch there are two other leases in a radius of 500 mtrs from the applied lease and the total area of all the leases including the applied lease is 6-21 Acres and hence the project is categorized as B2.

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 production should be commenced only after asphalting the approach road to the quarry and the road connecting the crusher as per IRC standard norms and to grow trees all along the approach road in 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 11,34,349Tones(including waste) and estimated the life of mine to be 20 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of for 57,895 Tones/ Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry and the 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 at the near by Hospital.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.65 Building Stone Quarry Project at Hirekate village, Gundlupete Taluk, Chamarajanagara District (4-00 Acres) by Sri Krishna - Online Proposal No.SIA/KA/MIN/436698/2023 (SEIAA 319 MIN 2023)

The proposal was considered during 302nd SEAC meeting and the Committee had recommended the proposal to SEIAA for issue of EC. SEIAA in its 242nd meeting had referred the proposal for issue of EC.

"The Authority perused the proposal and took note of the recommendation of SEAC. Further, the Authority also noted the complaint received vide email (Premkumar123sdf@gmail.com) dated 13th September 2023. The details are as follows;

1. *Site is worked towards west recently after 2015 as we can see the working benches change after 2015 towards west and as it is a patta land it is a violation case.*
2. *There is road towards west and passing though the site also there is road as per the village map towards west which means proper buffer is not left.*
3. *The shape in the kml does not match with the shape in the village map*
4. *The GPS reading in the approved quarry plan and the GPS in the uploaded kml in the Common Application Form (CAF) in parivesh portal is different. The area is slightly tweaked towards east so that the workings done towards the west can be avoided. This is a blatant case of misinformation by the unaccredited consultant and this must not be allowed. There might be many such cases like this where the consultant might give wrong kml to avoid a violation category.*

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

The Proponent in the present meeting submitted point wise compliance to the compliant received as below,

1. *Site is worked towards west recently after 2015 as we can see the working benches change after 2015 towards west and as it is a patta land it is a violation case.*

Reply :Proponent informed that working at the western side of this quarry area belongs to different Sy. No. i.e., 115 is a Hullu Banni Kharab as mentioned in the RTC, Since Sy. No. 115 is a govt. land is found to be excavated long back in the year before 2012.

2. *There is road towards west and passing though the site also there is road as per the village map towards west which means proper buffer is not left.*

Reply :The Proponent informed that there is no any road at west side passing inside the quarry area or nearbyand is not in the Village Map. Further, the

road seen in the google image. is a mud road, being used as approach for agricultural lands and the crusher on West side.

3 *The shape in the kml does not match with the shape in the village map*

Reply :The Proponent informed that uploaded KML. is correct as per the Notification Sketch & Approved Quarry Plan.

4 *The GPS reading in the approved quarry plan and the GPS in the uploaded kml in the Common Application Form (CAF) in parivesh portal is different. The area is slightly tweaked towards east so that the workings done towards the west can be avoided. This is a blatant case of misinformation by the unaccredited consultant and this must not be allowed. There might be many such cases like this where the consultant might give wrong kml to avoid a violation category*

Reply : The Proponent informed that uploaded KML is correct as per the Notification Sketch & Approved Quarry Plan, had not altered the KML file in any way to avoid the area excavated. The excavated area is outside the proposed area on the west and is in government land.

The Committee noted the clarification given by the Proponent and after discussion decided to reiterate its earlier decision taken in 302nd SEAC meeting and to forward the proposal to SEIAA for necessary action.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.66 Building Stone Quarry Project at Thondavadi Village, Gundlupete Taluk, Chamarajanagara District (3-05 Acres) by Sri Shameer A M - Online Proposal No.SIA/KA/MIN/436199/2023 (SEIAA 303 MIN 2023)

The proposal was considered during 302nd SEAC meeting and the Committee had recommended the proposal to SEIAA for issue of EC. SEIAA in its 242nd meeting had referred the proposal for issue of EC,

"The Authority perused the proposal and took note of the recommendation of SEAC. Further, the Authority noted the complaint received vide email (Premkumar123sdf@gmail.com) dated 20th September 2023. The details are as follows;

1. The boundary shape outlined in the quarry plan does not align with the uploaded KML file.

2. There appears to be a transformer located at the lower part of the site boundary

3. Discrepancies are evident in the GPS readings between page 6 of the quarry plan and the surface plan in BP-A. The GPS readings on page 6 seem to have been copied into the PDF and do not represent the actual approved quarry plan page. The GPS coordinates mentioned in the approved quarry plan surface plan match the notified sketch but do not correspond with the uploaded KML file.

Additionally, the area covered by the KML file does not match the specified extent

4. The Bandipura Wildlife Sanctuary is situated within a 10-kilometer radius

5. It appears that there are two old, deeply rooted trees identified in the village map, which are still visible on Google Earth. These trees require removal, but their specific details are not provided in the Environmental Management Plan (EMP).

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

The Proponent in the present meeting submitted point wise compliance to the compliant received as below,

1. The boundary shape outlined in the quarry plan does not align with the uploaded KML file.

Reply :The Proponent informed that GPS Coordinates are as per the Notified Sketch, but initiall the KML Polygon, while uploading was distarted andsubsequently, they had uploaded the corrected KML in PARIVESH, as per approved GPS Readings.

2. There appears to be a transformer located at the lower part of the site boundary

Reply: The Proponent informed that there was a Transformer earlier in the applied quarry area, which was for power supply to the borewell. Subsequently, the bore well got dried-up and we got the power supply disconnected and the transformer has been removed. Only the electric pole is to be removed, by the CHESCOM persons and justified with the photo.

3. Discrepancies are evident in the GPS readings between page 6 of the quarry plan and the surface plan in BP-A. The GPS readings on page 6 seem to have been copied into the PDF and do not represent the actual approved quarry plan page. The GPS coordinates mentioned in the approved quarry plan surface plan match the notified sketch but do not correspond with the uploaded KML file Additionally, the area covered by the KML file does not match the specified extent

Reply :The Proponent informed that all GPS coordinates are correctly mentioned Quarry Plan as per the Notified Sketch.KML file was initially uploaded wrong and was rectified based on the EDS raised.

4. The Bandipura Wildlife Sanctuary is situated within a 10-kilometer radius

Reply :The Proponent informed that the quarry area is falling within the distance of 5.305 KM outside the ESZ of Bandipura Wildlife Sanctuary

and will submit the distance certificate from PCCF (wildlife) before obtaining EC from SEIAA.

5. It appears that there are two old, deeply rooted trees identified in the village map, which are still visible on Google Earth. These trees require removal, but their specific details are not provided in the Environmental Management Plan (EMP).

Reply :The Proponent informed that in the center of the Quarry area, there is mid-sized eucalyptus tree which needs to be removed before starting the quarrying operation. Also, there is another Neem tree existing at the southern border of the Quarry area, and this tree will be retained, as it is located within the 7.5 m buffer zone of the Quarry area.

The Committee noted the clarification given by the Proponent and after discussion decided to reiterate its earlier decision taken in 302nd SEAC meeting and to forward the proposal to SEIAA for necessary action.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.67 Black Granite Quarry Project at Veeranapura Village, Chamarajanagar Taluk & District (10-27 Acres) by Sri R. Muttu Shankar - Online Proposal No.SIA/KA/MIN/435917/2023 (SEIAA 300 MIN 2023)

The proposal was considered during 302nd SEAC meeting and the Committee had recommended the proposal to SEIAA for issue of EC. SEIAA in its 242nd meeting had referred the proposal for issue of EC,

"The Authority perused the proposal and took note of the recommendation of SEAC. Further, the Authority noted the complaint received vide email (Premkumar123sdf@gmail.com) dated 20th September 2023. The details are as follows;

There is a recent Environmental Clearance (EC) file related to Syed Mudasir Ahmed with the file number SEIAA 562 MIN 2021. This file can be found by searching on the PARIVESH portal. Interestingly, this file is associated with the Muttu Shankar cluster. Upon reviewing the documents uploaded in Syed Mudasir's file, it becomes evident that there are additional leases not visible in the Muttu Shankar cluster. This appears to be a deliberate attempt by the proponent or the Department of Mines and Geology to conceal information and potentially avoid public hearings

Furthermore, it's worth noting that the consultant involved in this matter is not accredited and, as a result, may not have conducted a thorough examination of all the relevant details. Taking into account the cluster's content, particularly the Roopesh Reddy lease covering an area of 3-20 acres, the total combined extent of these leases will exceed 5 hectares. So the file must be considered as B1 category project.

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

The Proponent in the present meeting informed the following to Committee,

1. The lease was operated prior to 09th Sept. 2013 and hence, will not fall under cluster. The lease start date has been duly mentioned by the Dept. of Mines & Geology and in the cluster sketch.
2. For the quarry of Sri. Rupesh Reddy, based the information provided by Dept. of mines & Geology office, Sri. Rupesh Reddy has not obtained EC till date. Further, lease of Sri. Rupesh Reddy, was operated prior to 09th Sept. 2013 and hence, is exempted from cluster effect and accordingly not mentioned in the cluster sketch.

The Committee noted the clarification given by the Proponent and after discussion decided to reiterate its earlier decision taken in 302nd SEAC meeting and to forward the proposal to SEIAA for necessary action.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.68 Building Stone Quarry Project at Arepura village, Gundlupete Taluk, Chamarajanagara District (2-12 Acres) by Sri M. Sujendra - Online Proposal No.SIA/KA/MIN/437886/2023 (SEIAA 336 MIN 2023)

The proposal was considered during 302nd SEAC meeting and the Committee had recommended the proposal to SEIAA for issue of EC. SEIAA in its 242nd meeting had referred the proposal for issue of EC,

"The Authority perused the proposal and took note of the recommendation of SEAC. Further, the Authority noted the complaint received vide email (Premkumar123sdf@gmail.com) dated 20th September 2023. The details are as follows;

"RM Mahadevappa (File No. : SEIAA 313 MIN 2023) and M Sujendra (File No. SEIAA 336 MIN 2023) have both had their leases included in the same agenda, but curiously, neither of these leases was depicted in the sketches of the other to potentially circumvent the requirement for a public hearing. If we were to account for both of these leases together, their combined extent would indeed surpass 5 hectares, triggering the need for a public hearing. So the file must be considered as a B1 category project."

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

The Proponent in the present meeting informed the Committee that, the distance between both of these Leases is more than 552.67 meters (ground length) and hence DMG had not added in the Cluster Sketch.

The Committee noted the clarification given by the Proponent and after discussion decided to reiterate its earlier decision taken in 302nd SEAC meeting and to forward the proposal to SEIAA for necessary action.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.69 Building Stone Quarry Project at Menasagere Village, Kushtagi Taluk, Koppal District (7-37 Acres) by M/s. Sai Stone Crusher - Online Proposal No.SIA/KA/MIN/434080/2023 (SEIAA 278 MIN 2023)

The proposal was considered during 302nd SEAC meeting and the Committee had recommended the proposal to SEIAA for issue of EC. SEIAA in its 242nd meeting had referred the proposal for issue of EC,

"The Authority perused the proposal and took note of the recommendation of SEAC. Further, the Authority noted the complaint received vide email (Premkumar123sdf@gmail.com) dated 20th September 2023. The details are as follows;

1. *According to the site photographs provided in application 4.pdf on the PARIVESH portal, there is a power line and a pole located within the site, buffer from these is not showcased.*
2. *The online portal shows that the application is under the name of one of the partners who holds a 20% profit-sharing stake, while the approved quarrying plan is registered under the company's name, Sai Stone Crusher.*
3. *Within the site, there are granite cubular blocks, evidence of excavation activities, and bench formations located between Boundary points B and C. These indications suggest that this area has been actively worked on.*
4. *Additionally, there are four structures resembling settling tanks within the site. It raises questions regarding the intended purpose of these settling ponds and why they were established at Boundary point A.*

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

The Proponent in the present meeting submitted point wise compliance to the compliant received as below,

1. *According to the site photographs provided in application 4.pdf on the PARIVESH portal, there is a power line and a pole located within the site, buffer from these is not showcased.*

Reply: The Proponent informed that earlier the L.T power line was up to the lease area and this line was used for irrigation purposes as the land was irrigated agriculture land and after applying the lease, the lessee had requested the Electricity Dept to remove the Power line connection as the land is was converted to non-agriculture purpose and to be used for quarrying. The electricity Dept has also issued a letter dated 06.11.2023, stating that there is no existence of any power line.

2. *The online portal shows that the application is under the name of one of the partners who holds a 20% profit-sharing stake, while the approved quarrying plan is registered under the company's name, Sai Stone Crusher.*
Reply: The Proponent informed that The EC application is under the name of M/s Sai Stone Crusher, Sri. Kallanna B Talad is one of the partner & authorized signatory in the firm.

3. *Within the site, there are granite cubular blocks, evidence of excavation activities, and bench formations located between Boundary points B and C. These indications suggest that this area has been actively worked on.*
Reply: The Proponent informed that Earlier the exploratory pitting was carried out to confirm the presence of building stone below the surface in the plan land. There was no illegal quarrying carried out as compliant. Further it is also cleared by the Department of mines & Geology the copy of the letter stating that there was no illegal mining issued by the DMG dated 31.10.2023.

4. *Additionally, there are four structures resembling settling tanks within the site. It raises questions regarding the intended purpose of these settling ponds and why they were established at Boundary point A.*
Reply: The Proponent informed that the four structures resembling settling tanks within the site at the boundary pillar A is the water tanks for irrigation purposes, which are above ground level that was built earlier and submitted the photographs.

The Committee noted the clarification given by the Proponent and after discussion decided to reiterate its earlier decision taken in 302nd SEAC meeting and to forward the proposal to SEIAA for necessary action.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.70 Building Stone Quarry Project at Appagondanahalli Village, Belur Taluk, Hassan District (6-03 Acres) by Sri B. K. Prabhakar - Online Proposal No.SIA/KA/MIN/439106/2023 (SEIAA 351 MIN 2023)

The proposal was considered during 303rdSEAC meeting and the Committee had recommended the proposal to SEIAA for issue of EC. SEIAA in its 243rdmeeting had referred the proposal for issue of EC,

"The Authority after discussion and examination of the documents noted the aberrations/disturbance at surface in the proposed site area and decided to refer the file back to SEAC and the proponent to submit the details of present site condition from DMG for reexamination by SEAC."

In the Present meeting the Proponent submitted clarification from DMG vide letter dated: 02.11.2023 and informed the Committee that, the DMG had certified that the Proponent has made few random pit/trench to verify the availability of mineral and had removed and stored some weathered rocks with in the site area but has not carried out any quarrying activities and no illegal quarrying has been carried out in the applied area.

The Committee noted the clarification given by the Proponent and after discussion decided to reiterate its earlier decision taken in 303rd SEAC meeting and to forward the proposal to SEIAA for necessary action.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.71 Building Stone Quarry project at Chabbi Village, Hubli Taluk, Dharwad District (1-00 Acre) by Sri Manohar K Yadav - Online Proposal No.SIA/KA/MIN/434772/2023 (SEIAA 283 MIN 2023)

The proposal was considered during 303rdSEAC meeting and the Committee had recommended the proposal to SEIAA for issue of EC. SEIAA in its 243rdmeeting had referred the proposal for issue of EC,

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

The Authority after discussion and examination of the documents noted the disturbed buffer area and decided to refer the file back to SEAC and the proponent to submit the details of present site condition in reference to quarrying activities in buffer area from DMG for reexamination by SEAC"

In the Present meeting the Proponent informed the Committee that they had obtained common boundary permission from DGMS on 20.08.2020 and hence they had carried out working in buffer area.

The Committee noted the clarification given by the Proponent and after discussion decided to reiterate its earlier decision taken in 303rd SEAC meeting and to forward the proposal to SEIAA for necessary action.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.72 Building Stone Quarry Project at Gojage Village, Belagavi Taluk, Belagavi District (2-15 Acres) by M/s. H P Crushers - Online Proposal No.SIA/KA/MIN/421171/2023 (SEIAA 357 MIN 2023)

The proposal was considered during 303rdSEAC meeting and the Committee had recommended the proposal to SEIAA for issue of EC. SEIAA in its 243rdmeeting had referred the proposal for issue of EC,

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

The Authority after discussion and examination of the documents noted the disturbed surface in the proposed site area as per the Google images and decided to refer the file back to SEAC and the proponent to submit the details of present site condition from DMG for reexamination by SEAC"

In the Present meeting the Proponent submitted clarification from DMG vide letter dated 02.11.2023, informing that based on the google images, DMG had carried out site inspection and towards the northern side of the applied area, 2-3mtr top soil is removed and used for levelling of the land and had made four trial pits in basaltic sheet to verify the quality and avalibility of mineral and had not carried out any quarrying activities.

The Committee noted the clarification given by the Proponent and after discussion decided to reiterate its earlier decision taken in 303rd SEAC meeting and to forward the proposal to SEIAA for necessary action.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.73 Building Stone Quarry Project at Mannur Village, Belagavi Taluk, Belagavi District (2-33 Acres) by M/s. Yogaraj Enterprises - Online Proposal No.SIA/KA/MIN/421656/2023 (SEIAA 360 MIN 2023)

The proposal was considered during 303rdSEAC meeting and the Committee had recommended the proposal to SEIAA for issue of EC. SEIAA in its 243rd meeting had referred the proposal for issue of EC,

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

The Authority after discussion and examination of the documents noted the aberrations/disturbance at surface in the proposed site area as per the Google images and decided to refer the file back to SEAC and the proponent to submit the details of present site condition from DMG for reexamination by SEAC.

In the Present meeting the Proponent submitted clarification from DMG vide letter dated 02.11.2023, informing that based on the google images, DMG had carried out site inspection and towards the northern side of the applied area, 3-4mtr top soil has been removed and used for levelling of the land and had made four trial pits in basaltic sheet to verify the quality and avalibility of mineral and had not carried out any quarrying activities.

The Committee noted the clarification given by the Proponent and after discussion decided to reiterate its earlier decision taken in 303rd SEAC meeting and to forward the proposal to SEIAA for necessary action.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.74 Proposed CETP capacity is 300 KLD (200 KLD Inorganics + 100 KLD Organics) Project at Vasanthnarsapura, 1st phase KIADB industrial area, Kora Hobli Tumkur District by M/s. Century Eco Solutions India Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/442791/2022 (SEIAA 19 IND 2022)

About the project:

S.No	Particulars	Information Provided by PP
1.	Name of the project proponent	Authorized person name: Mohammed Wajeed Designation: Director M/s Century Eco Solutions India Private Limited
2	Type of Project	Proposed Common Effluent Treatment Plant (CETP) of Capacity 300 KLD (200 KLD inorganics + 100 KLD organics) The project termed under schedule-7(h): Category B1-'Common Effluent Treatment Plant (CETPs)' as per EIA notification 2006 and its amendments.
3	New/expansion/modification Location	Expansion Location: Plot No. 95P & 96P, Vasanthanarasapura, 1st phase KIADB Industrial Area, Kora HobliTumkur, Karnataka - 572128
4	Cost of Project	10 Crores
5	Proposed plant capacity	Proposed Common Effluent Treatment Plant (CETP) of capacity 300 KLD. (200 KLD Inorganics + 100 KLD Organics)
6	Total Plot Area	8093 sqm
7	Built up area	3237 sqm
8	Water requirement	Domestic uses: 1.5 KLD
9	Source of water	Source: KIADB water supply
10	Wastewater	1.2 KLD
11	Man Power	30 personal
12	Electricity/ Power Requirement	Source: BESCOM Power requirement: 100 KVA Proposed DG sets : 82.5 KVA x 1 No.
13	Treatment technology	CETP Proposed Scheme- Primary, Secondary, Tertiary treatment followed by advanced UF / RO &followed by MVR.
14	Effluent details and its handling	Treated effluent quality as per the CPCB guidelines
	PH	5.5-9.0
	TDS (Inorganic)	2100 mg/l

	S.S	200 mg/l
	COD	250 mg/l
	BOD	100 mg/l

15 Hazardous waste and its handling

S.No.	Details of hazardous waste	Category	Quantity	Method of disposal
1.	ETP sludge	35.3	480 TPA	Handed over to authorized vendors for landfilling/ Co -processing in cement plant/AFRF.
2.	Used oil	5.1	0.50 TPA	Disposed to authorized recyclers.
3.	Discarded containers	33.3	100 Nos	Disposed to authorized recyclers.
4.	Evaporation salts	35.3	7.5 T/day	Handed over to authorized vendors for landfilling/ Co -processing in cement plant/AFRF.
5.	Resin filters & RO membranes, Filter cartridges, carbon and sand filter	35.2	2.0	Dispose to AFR
6.	DG filters	35.1	40 Kg/A	Dispose to AFR
7.	Metal and plastic Scrap	-	1.5 MT/A	Disposed to authorized scrap dealers.

16 CER Activities

Sl. no.	Activity
1.	Donation for education in nearest School
2.	Drinking water facility (RO system) in nearest Schools
3.	Medical health check-up for villagers
	Total

17	EMP	
	Construction Phase	20 Lakhs
	Operation Phase	135 Lakhs

The proposal is for establishing 300KLD CETP in an area of 8,093sqm in KIADB Industrial Area in Vasanthanarsapura, Tumkur District. SEIAA issued Standarad ToR on 29.05.2022. The Proponent informed the Committee that proposal was exempted from public hearing as per MoEF&CC O.M dated 27.04.2018 as KIADB had obtained EC on 22.08.2013 from SEIAA.

The Proponent informed that the proposed expansion consists of 200KLD Inorganic waste water and 100KLD Organic waste water within the existing area to serve the various industries located in and around theKIADB Industrial Area.

The Committee during appraisal sought clarification regarding proposed treatment technology and disposal system for industries, mode of effluent collection from member units and handling of treated effluent.The Proponent informed the Committee that the effluents generated from the industries is being transferred individually through dedicated GPS mounted tankers, wherein inlet and outlet is monitored by CPCB. With regard to the proposed technology, the Proponent informed that the technology consists of primary, secondary, tertiary treatement followed by Mechanical Vapor Re-Compressor (MVR) and then the treated effluent confirming to the specified standards is recycled and resused by suppling back to member units for the purpose of cooling tower, boiler makeup, gardening, sprinkling etc. Further, the Proponent informed that the sludge from the sludge dewatering system is disposed to the TSDF facility.

The Proponent informed that the hazardous waste generated would be collected as per CPCB norms and stored in dedicated hazardous waste storage area within the site. The Proponent informed that they have made provision for 33% greenbelt area in the proposed project.

The Proponent informed the Committee that they will take precautionary measures during operation process to maintain the environmental parameters within permissible limits in the proposed project.

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.

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

1. To undertake plantation all around the project boundary to mitigate odour.
2. Proponent should not let out treated water in the drains/UGD.
3. To dispose the sludge to the nearest Treatment, Storage & Disposal Fecility (TSDF).

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.75 Manufacturing of Active Pharmaceutical Ingredient (API) And Intermediate Products at Hirehalli Industrial area, Hirehalli, Tumkuru District by by M/s. MSCAMINO Pharma Pvt. Ltd. - Online Proposal No.SIA/KA/IND3/444637/2022 (SEIAA 30 IND 2022)

About the Project:

Sl. No	PARTICULARS	INFORMATION Provided by PP
1.	Name of the project proponent:	Mr. Tarun Mehta Authorized Signatory M/s. MSCAMINO Pharma Pvt. Ltd.
2.	Name & Location of the project:	Proposed Establishment of Active Pharmaceutical Ingredient (API) and Intermediate Products located at plot No. 7/8(part), Hirehalli Industrial area, Hirehalli, Tumkuru District, Karnataka by MSCAMINO Pharma Pvt. Ltd.

3.	New /expansion/modification / product mix change:	New
4.	Plot Area	2415.479 sqm
5.	Total Production Capacity	620 TPA
6.	Project Cost	6.0 Crores.
7.	Component of development	Production Block, Raw Material Shed, Admin Block, etc.,
8.	Source of water -operational phase	KIADB supply/Tanker Supply
9.	Total Water Requirement (Domestic + Industrial) in KLD	28.7 KLD
10.	Fresh Water in KLD Recycled water in KLD	24.2 KLD 4.5 KLD
11.	Total wastewater generation in KLD	Total waste water generation is estimated to be 9.9 KLD, i.e. LTDS (5.4 KLD) will be treated by internal ETP and HTDS (3.3 KLD) will be treated upto primary treatment and sent to CETP line. Sewage 1.2 KLD will be treated by internal STP.
12.	Total effluents generation in KLD	8.7 KLD
13.	Scheme of disposal of excess treated water	Recycled/reused to inside the facilities.
14.	ETP Capacity	ETP-10 KLD,
15.	STP Capacity	STP-2 KLD
16.	Waste Generation & its Disposal	
	Solid Waste	15 kg/day disposed to KSPCB authorized vendors
	Hazardous Waste	1420 kg/day disposed to authorized vendors for incinerations/ Co -processing in cement plant/AFRF
17.	Green Belt Coverage - % of total area	797.108 sqm (33%)
18.	EMP	Capital cost: 120 lakhs Recurring cost: 10.1 lakhs
19.	CER Activities	To provide infrastructure facilities to nearest Govt School

The proposal is for Bulk Drugs Intermediates Manufacturing Unit, for which SEIAA had issued ToR on 24.11.2022. The Proponent informed the Committee that the proposal was exempted from public hearing in the industrial area, as per MoEF&CC O.M. dated 27.04.2018. The Proponent informed that it is proposed to install 2 Nos of boiler capacity of 2 TPH such as (1- TPH, 1 - TPH (standby) & Thermic Fluid Heater 2,00,000 Kcal/Hrfired by LDO or Briquette, stack of height 11 m & 18 m. and DG set capacity of 200 KVA X 1 No, stack height of 6 m (AGL) as per CPCB norms and to provide wet scrubbers for the boiler to control the particulate emissions (within statutory limit of 115 mg/ Nm^3).

The Proponent informed the Committee about the product and its capacity as below,

Sr. No.	Product Name	Qty in Tpa	CAS No.	Therapeutic Use
1	L-Isoleucine	16	73-32-5	Used in the biosynthesis of proteins

2	L-Leucine	24	61-90-5	Used in the biosynthesis of proteins.
3	L-Lysine HCl	28	657-27-2	use lysine for cold sores, canker sores, athletic performance, diabetes, and many other conditions
4	L-Methionine	16	63-68-3	Methionine is an antioxidant
5	L-Phenylalanine	14	63-91-2	Phenylalanine is used for depression, attention deficit-hyperactivity disorder
6	L-Threonine	24	657-27-2	helps to maintain the proper protein balance in the body
7	L-Tryptophan	24	73-22-3	Tryptophan has been used for a broad spectrum of clinical applications, such as treatment of pain, insomnia, depression
8	L-Valine	24	72-18-4	promotes muscle growth and tissue repair
9	L-Arginine	55	74-79-3	It might be effective at lowering blood pressure, reducing the symptoms of angina and PAD , and treating erectile dysfunction due to a physical cause
10	L-Histidine	18	71-00-1	used for rheumatoid arthritis, allergic diseases, ulcers, and anemia caused by kidney failure or kidney dialysis
11	L-Lysine Acetate	36	57282-49-2	used to treat pain and to detoxify the body after heroin use
12	Glycine	16	56-40-6	Glycine is used for treating schizophrenia, stroke, benign prostatic hyperplasia (BPH), and some rare inherited metabolic disorders
13	L-Alanine	12	56-41-7	use alpha-alanine for dehydration from diarrhea, enlarged prostate, schizophrenia, stress, and many other purposes
14	L-Proline	16	147-85-3	is important for maintaining youthful skin as well as repair of muscle, connective tissue and skin damage
15	L-Serine	4	56-45-1	used to treat epilepsy, schizophrenia, psychosis, and Alzheimer's Disease
16	L-Tyrosine	24	60-18-4	used to improve alertness, attention and focus
17	L Cysine	3	52-90-4	L-cysteine may help treat arthritis and hardening of the arteries
18	L-Asparagine	2	70-47-3	used to treat acute lymphoblastic leukemia (ALL)
19	L-Cysteine HCL	18	7048-046	used as an antioxidant agent
20	L-Glutamic acid	18	56-86-0	Support in the treatment of epilepsy and muscular dystrophy
21	L-Ornithine HCL	8	3184-13-2	used to support liver functioning, healthy wound recovery
22	L-Aspartic Acid	12	56-84-8	L-Aspartic acid helps rid the body of ammonia, sparing the liver from the

				stress of having to remove excess ammonia from the bloodstream
23	L-Malic acid	2	97-67-6	It is used to make medicine
24	L-Histidine HCl	36	5934-29-2	used in the treatment of nutritional deficiencies
25	L-Histidine HCl	36	5934-29-2	used in the treatment of nutritional deficiencies
26	L-Arginine HCl	20	1119-34-2	support heart health, reduce blood pressure, lower blood sugar, and support athletic performance
27	N -acetyl -L-Tyrosine	7	-	used to improve alertness, attention and focus
28	N -acetyl -L-Cysteine	26	616-91-1	used clinically by doctors to treat patients experiencing acetaminophen
29	Taurine	6	107-35-7	regulate blood pressure and improve heart function and blood fat levels in people
30	L Arginine-L Glutamate	2	4320-30-3	treatment of hyperammonemia and in combination for total parenteral nutrition
31	L- Glutamine	24	56-85-9	L-glutamine helps people with IBS by working to protect the mucous membrane of the esophagus and intestines
32	L- Arginine-L-aspartate	1	7675-83-4	Arginine aspartate is an ingredient in products indicated to treat exhaustion during stress, endurance sports
33	L- Cittrulline	2	372-75-8	L-citrulline is used for Alzheimer's disease, dementia, fatigue, muscle weakness, sickle cell disease
34	L- Cysteine	3	52-90-4	L-cysteine may help treat arthritis and hardening of the arteries
35	L- Alanine-L-Glutamate	1	5408-52-6	widely used as an ingredient in infusion
36	N-acetyl-L-Methionine	1	65-82-7	used as a peritoneal dialysis treatment in patients with renal failure and nutritional therapy in patients with nutritional deficiency or post-infection weakness
37	Glutathione	5	70-18-8	Glutathione acts as an important antioxidant
38	L- Carnosine	4	305-84-0	Carnosine is used to prevent aging and for preventing or treating complications of diabetes
39	S-acetyl-glutathione	1	3054-47-5	helps to support immune function
40	Inositol	24	87-89-8	Inositol is used for diabetic nerve pain, panic disorder, high cholesterol, insomnia, cancer, depression, schizophrenia, Alzheimer's disease
41	D-Biotin	5	58-85-5	Biotin is used for preventing and

				treating biotin deficiency associated with pregnancy, long-term tube feeding, malnutrition, and rapid weight loss
42	Alpha Lipoic acid	18	1077-28-7	Alpha-lipoic acid is an antioxidant
43	R & D	10		
44	Job work	5		
45	Launch and production validation	5		
	Total	620		

Sl. No	Stack attached to	Proposed capacity	Type of Fuel Used	Stack Height	Air pollution control equipment
1	Process Area 8 Reactors	-	--	3 m ARL	Column scrubbers with caustic soda as the scrubbing media. (Alkali scrubber)
2	Boiler	2 TPH	HSD	11 m AGL	Stack of adequate height with scrubl
3	Thermic Fluid Heaters	2,00,000 Kcal/ hr	HSD	18 m	Stack of adequate height
4	DG sets	200 KVA	Diesel	6 M from AC	Acoustic enclosure & stack.

Details of Process emissions generation and its management.

S. No.	Name of the Gas	Quantity in Kg/Day	Treatment Method
1	Ammonia	18	Scrubbed by using chilled water media
2	Carbon dioxide	190.00	Dispersed into the atmosphere
3	Oxygen	150.00	Dispersed into the atmosphere
4	Nitrogen	22.00	Dispersed into the atmosphere
5	Hydrogen chloride	220.00	Scrubbed by using chilled water media
6	Sulphur dioxide	2.0	Scrubbed by using C. S. Lye solution

Details of Solid waste & Hazardous waste generation and its management.

S.No	Type	Category	Quantity	Method of handling/ disposal
1	Process Residues & waste	28.1	350 TPA	Handed over to authorized vendors for incinerations/ Co -processing in cement plant/APRF.
2	Spent Carbon	28.3	15 MT/A	Handed over to authorized vendors for incinerations/ Co -processing in cement

				plant/AFRF.
3	Spent catalyst	28.2	25 MTA	Dispose to KSPCB authorized TSDF facility.
4	Spent solvents	28.6	60 KL/A	KSPCB authorized recyclers.
5	Used oil	5.1	1.0 KL	Disposed to authorized recyclers.
6	Discarded containers/barrels, liners containing hazardous material.	33.3	40 TPA	Handed over to authorized recyclers after detoxification.
7	ETP sludge	34.3	200 MT/A	Handed over to authorized vendors for landfilling/ Co -processing in cement plant/AFRF.
8	Oil & process filters	35.1	0.5 MT/A	Handed over to authorized vendors for incinerations/ Co -processing in cement plant/AFRF.
9	Oil & chemical contaminated cotton, gloves & plastic waste	5.2	5 MT/A	Handed over to authorized vendors for incinerations/ Co -processing in cement plant/AFRF.
10	MEE salt	35.3	500 MT/A	Handed over to authorized vendors for landfilling/ Co -processing in cement plant/AFRF.
11	Off specification, date expired and returned goods	28.4 & 28.5	10 TPA	Handed over to authorized vendors for incinerations/ Co -processing in cement plant/AFRF.
12	Stripper distillate	35.1	1000 KL/A	Handed over to authorized vendors for incinerations/ Co -processing in cement plant/AFRF.

As per the Office Memorandum dated 28.01.2021, the Proponent informed the Committee that at any given point of time maximum of 6 products would be manufactured and informed about consolidated pollution load, which is as below,

S.No	Name of the products	total quantity in TPA	total quantity in TPM	water input KL/day	Effluent load in Kg/day				Process effluent KL	process organic kg/day	process inorganic kg/day	spent carbon kg/day	Process emission kg/day
					TDS	COD	HTDS in KL	LTDS in KL					
1	L-Isoleucine	16	1.3333	0.0739	243.36	152	0.04	0.032	0.072	56	80	9.056	3.2
2	L-Leucine	24	2	0.1108	365.04	228	0.06	0.048	0.108	84	120	13.58	4.8
3	L-Lysine HCl	28	2.3333	0.1293	425.88	266	0.07	0.056	0.126	98	140	15.84	5.6
4	L-Methionine	16	1.3333	0.0739	243.36	152	0.04	0.032	0.072	56	80	9.056	3.2
5	L-Phenylalanine	14	8.3	0.0646	212.94	133	0.035	0.028	0.063	49	70	7.924	2.8
6	L-Threonine	24	3.1	0.1108	365.04	228	0.06	0.048	0.108	84	120	13.58	4.8
7	L-Tryptophan	24	2	0.1108	365.04	228	0.06	0.048	0.108	84	120	13.58	4.8

8	L-Valine	24	3.1	0.1108	365.04	228	0.06	0.048	0.108	84	120	13.58	4.8
9	L-Arginine	55	4.5833	0.2541	836.55	522.5	0.1375	0.11	0.2475	192.5	275	31.13	11
10	L-Histidine	18	1.5	0.0831	273.78	171	0.045	0.036	0.081	63	90	10.18	3.6
11	L-Lysine Acetate	36	3	0.1663	547.56	342	0.09	0.072	0.162	126	180	20.37	7.2
12	Glycine	16	1.3333	0.0739	243.36	152	0.04	0.032	0.072	56	80	9.056	3.2
13	L-Alanine	12	1	0.0554	182.52	114	0.03	0.024	0.054	42	60	6.792	2.4
14	L-Proline	16	1.3333	0.0739	243.36	152	0.04	0.032	0.072	56	80	9.056	3.2
15	L-Serine	4	0.3333	0.0184	60.84	38	0.01	0.008	0.018	14	20	2.264	0.8
16	L-Tyrosine	24	2	0.1108	365.04	228	0.06	0.048	0.108	84	120	13.58	4.8
17	L Cystine	3	2.54	0.0138	45.63	28.5	0.0075	0.006	0.0135	10.5	15	1.698	0.6
18	L-Asparagine	2	0.1667	0.0092	30.42	19	0.005	0.004	0.009	7	10	1.132	0.4
19	L-Cysteine HCL	18	1.5	0.0831	273.78	171	0.045	0.036	0.081	63	90	10.18	3.6
20	L-Glutamic acid	18	1.5	0.0831	273.78	171	0.045	0.036	0.081	63	90	10.18	3.6
21	L-Ornithine HCL	8	0.6667	0.0369	121.68	76	0.02	0.016	0.036	28	40	4.528	1.6
22	L-Aspartic Acid	12	1	0.0554	182.52	114	0.03	0.024	0.054	42	60	6.792	2.4
23	L-Malic acid	2	0.1667	0.0092	30.42	19	0.005	0.004	0.009	7	10	1.132	0.4
24	L-Histidine HCl	36	3	0.1663	547.56	342	0.09	0.072	0.162	126	180	20.37	7.2
25	L-Arginine HCl	20	1.6667	0.0924	304.2	190	0.05	0.04	0.09	70	100	11.32	4
26	N -acetyl -L-Tyrosine	7	2.54	0.0323	106.47	66.5	0.0175	0.014	0.0315	24.5	35	3.962	1.4
27	N -acetyl -L-Cysteine	26	2.1667	0.1201	395.46	247	0.065	0.052	0.117	91	130	14.71	5.2
28	Taurine	6	2.89	0.0277	91.26	57	0.015	0.012	0.027	21	30	3.396	1.2
29	L Arginic L Glutamate	2	2.89	0.0092	30.42	19	0.005	0.004	0.009	7	10	1.132	0.4
30	L- Glutamine	24	3.13	0.1108	365.04	228	0.06	0.048	0.108	84	120	13.58	4.8

31	L- Arginine-L-aspartate	1	2.89	0.0046	15.21	9.5	0.0025	0.002	0.0045	3.5	5	0.566	0.2
32	L- Citrulline	2	3.13	0.0092	30.42	19	0.005	0.004	0.009	7	10	1.132	0.4
33	L- Cysteine	3	0.25	0.0138	45.63	28.5	0.0075	0.006	0.0135	10.5	15	1.698	0.6
34	L- Lysine-L-Glutamate	1	2.89	0.0046	15.21	9.5	0.0025	0.002	0.0045	3.5	5	0.566	0.2
35	N-acetyl-L-Methionine	1	2.89	0.0046	15.21	9.5	0.0025	0.002	0.0045	3.5	5	0.566	0.2
36	Glutathione	5	0.416	0.0231	76.05	47.5	0.0125	0.01	0.0225	17.5	25	2.83	1
37	L- Carnosine	4	2.89	0.0184	60.84	38	0.01	0.008	0.018	14	20	2.264	0.8
38	S-acetyl-glutathione	1	3.13	0.0046	15.21	9.5	0.0025	0.002	0.0045	3.5	5	0.566	0.2
39	Inositol	24	3.13	0.1108	365.04	228	0.06	0.048	0.108	84	120	13.58	4.8
40	D-Biotin	5	0.083	0.0231	76.05	47.5	0.0125	0.01	0.0225	17.5	25	2.83	1
41	Alpha Lipoic acid	18	0.166	0.0831	273.78	171	0.045	0.036	0.081	63	90	10.18	3.6
42	R & D	10	0.25	0.0462	152.1	95	0.025	0.02	0.045	35	50	5.66	2
43	Job work	5	0.083	0.0231	76.05	47.5	0.0125	0.01	0.0225	17.5	25	2.83	1
44	Launch and validation	5	2.89	0.0231	76.05	47.5	0.0125	0.01	0.0225	17.5	25	2.83	1
	Total	620	89.49	2.86	9430.2	5890			3.3	2170	3100	350.9	124

	EFFLUENT WATER in KL per day							SOLID WASTE in kg/day				
Water input	Process Effluent	organics in effluents	Inorganic in effluents	TDS in kg	COD in kg	HTDS	LTDS	Total Effluent	Organic	In Organic	Spent carbon	Process Emission	Distillation residue
28.7	3.3	4.6	5.3	14000	9500	3.3	6.6	9.9	383	575	42	124	420

HAZARDOUS SOLID WASTE DETAILS

Organic solid waste	Inorganic solid waste	Spent Carbon	Distillation Residue
Kg/day	Kg/day	Kg/day	Kg/day
383	575	42	420

EMISSION DETAILS:

Kg/day							
HCL	CO_2	NH_3	SO_2	H_2	N_2	CH_4	O_2
220	190	18	2.0	0	22	0	150

The Proponent has informed about consolidated pollution load and details for management of Hazardous Waste. The Proponent informed that the solvents and spent solvents would be stored in such a way that there would be no risk to the employees working in the project site and surrounding. The Proponent also informed that he would send the effluents and Hazardous Waste to authorized KSPCB vendors and with regard to the existing unit, effluents generated are being sent to Mother Earth (CETP) after primary treatment.

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

The Committee noted that the baseline parameters are found to be within permissible limits and after discussion decided to recommend the proposal to SEIAA for issue of E.C. with following additional considerations,

1. Proponent agreed to use only briquittes as boiler fuel and agreed to use gas connection when made available.
2. Proponent agreed to treat trade effluent from manufacturing activity up to Primary treatment and then dispose to nearby CETP.
3. To store the solvents as per the guidelines in safest manner possible.
4. To provide sutible buffer for the water body as per zoning regulation and to ensure no waste enters the waterbody in the south east.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.76 Pink Granite Quarry Project at Sy.No.270/6 of Balakundi Village, Ilkal Taluk, Bagalakote District (3-00 Acres) by Sri Vithal Chavan - Online Proposal No.SIA/KA/MIN/442584/2023 (SEIAA 248 MIN 2022)

About the project:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Vithal Chavan
2	Name & Location of the Project	Pink Granite Quarry Project at Sy.No.270/6 of Balakundi Village, Ilkal Taluk, Bagalakote District (3-00 Acres)

		Latitude	Longitude
		N15° 54' 41.3"	E76° 04' 20.9"
		N15° 54' 43.9"	E76° 04' 19.7"
		N15° 54' 42.9"	E76° 04' 26.0"
		N15° 54' 40.8"	E76° 04' 26.1"
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	3-00 Acres	
7	Annual Production (Metric Ton / Cum) Per Annum	8,333 Cum/ Annum (including waste)	
8	Project Cost (Rs. In Crores)	Rs.1.41 Crores (Rs.141 Lakhs)	
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	2,20,341 Cum (including waste)	
10	Permitted Quantity Per Annum - Cu.m / Ton	2,500 Cum/ Annum (recovery)	
11	CER Activities:		

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to the GLPS school at Balakundi village
2nd	The proponent proposes to distribute nursery plants at Balakundi village & Strengthening of approach road
3rd	Rain water harvesting pits to the GLPS school at Balakundi village
4th	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
5th	Health camp to the GLPS school at Balakundi village

12	EMP Budget	Rs. 27.31 Lakhs (Capital Cost) & Rs. 11.59 Lakhs (Recurring cost)
13	Quarry plan	27.04.2022
14	Cluster certificate	17.05.2022
15	C & I Notification	22.06.2022
16	Forest NoC	28.10.2017
17	Revenue	14.03.2017
18	DTF	12.08.2021
19	PH	04.07.2023

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 04.11.2023, penalty of 9.7lakhs was paid to DMG and as per the Google images, the illegal mining has been carried out prior to 2001 and no mining has been carried out by Proponent after 2001 and hence justified that the proposed project does not attract violation. The Committee noted the clarification

The proposal is for pink granite quarry and as the area considered for cluster was greater than 5Ha, the proposal was categorized as B1and SEIAA had issued ToR on 04.08.2022 and public hearing was conducted on 04.07.2023, where opinions/requests of six people had been recorded in public hearing report.

There is an existing cart track road to a length of 630 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 2,20,341 cum (including waste) and estimated the life of the quarry to be 27 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 8,333 cums/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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for fu necessary action.

306.77 Development Plan Project at Haragadde Village, Jigani Hobli and 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)

About the project:

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 Haragadde 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	ResidentialApartment Category 8(a) as per EIA Notification 2006

		/other	
	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	Nil

		generation and mode of Disposal as per norms	
	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
21		CER Activities	Yea / Corporate Environmental Responsibility (CER) 1st: Rain Water Harvesting in GHPS at Haragadde & Seethanayakanahalli Village 2nd: Providing solar power panels to GHPS at Haragadde & Seethanayakanahalli Village 3rd: Conducting E-waste drive campaigns in the Haragadde & Seethanayakanahalli Village 4th: Scientific support and awareness to local farmers to increase yield of crop and fodder 5th: Health camp in GHPS at Haragadde & Seethanayakanahalli Village
22		EMP • Construction phase	EMP (Construction & Operation) Operation Phase / Construction Phase

	• Operation Phase	Recurring Cost Per Annum = 38.551 lakhs Capital Cost = 333.11 lakhs	Recurring Cost Per Annum = 20.04 lakhs Capital Cost = 75.67 lakhs

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 informed 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 have proposed 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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.78 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)

About the project:

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	No Disposal. The treated water will be reused for	

		treated water if any	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 Traffic Study Report	1st main ramnandira road –LOS – B
	c.	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	Construction Phase
		Recurring Cost Per Annum = 13.086 lakhs Capital Cost = 98.90 lakhs	Recurring Cost Per Annum = 16.80 lakhs Capital Cost = 42.58 lakhs

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 10,566.70Sqm. 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.

Action: **Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

306.79 Expansion of Manufacturing of Machining and Casting Project at Plot No.33/34 of Bidadi (KIADB) Industrial area, Ramanagaram District by M/s. AT India Auto Parts Pvt. Ltd. - Online Proposal No.SIA/KA/IND1/447420/2023 (SEIAA 46 IND 2023)

<table>
<tr><th>Sl No.</th><th>Particulars</th><th>Information Provided By PP</th></tr>
<tr><td>1</td><td>Name of the project proponent:</td><td>Authorized Person: Mr. Motohiro Shimizu
M/s. AT India Auto Parts Private limited
Plot No: 33 & 34, Toyota Tsusho Auto Park, Bidadi Industrial Area, Bidadi, Ramanagara Taluk & district.- 562109</td></tr>
<tr><td>2</td><td>Name & Location of the project.</td><td>M/s. AT India Auto Parts Private limited
Plot no. 33/34, Bidadi (KIADB) Industrial area, Ramanagara District - 562109, Karnataka.</td></tr>
<tr><td>3</td><td>New /expansion/modification /Product mix change</td><td>Expansion under Category B2 as per the Ministry O.M. No J-13012/12/2013-IA II(I) dated 24/12/2013. & In continuation to this Office Memorandum. The ministry has issued one of the recent O.M. F No. IA3-22/6/2023-IA.III (E-704444) dated 20th April, 2023 regarding clarification on the applicability of EIA notification 2006 for 3 (a)—metallurgical industries</td></tr>
<tr><td>4</td><td>Capacity</td><td>
<table>
<tr><th>Sl. No</th><th>Name of the product</th><th>Existing quantity in TPA</th><th>Proposed quantity-in TPA</th><th>Total production quantity after expansion TPA-</th></tr>
<tr><td>1</td><td>Casting</td><td>31,404</td><td>+28,596</td><td>60,000</td></tr>
<tr><td>2.</td><td>Machining and assembling of auto parts</td><td>25,668</td><td>+34,332</td><td>60,000</td></tr>
</table>
</td></tr>
<tr><td>5</td><td>Plot Area</td><td>Total land area of Auto park is 2,18,575.74 sqm out of 39,302 is leased to AT India Auto Park Private Limited</td></tr>
<tr><td>6</td><td>Built Up Area</td><td>39,302 sq m.</td></tr>
<tr><td>7</td><td>Land use pattern
Green Belt Coverage - % of total area (trees proposed)
Ground Cover area
Kharab, Others.</td><td>
<table>
<tr><th>Particulars</th><th>Sq.mt</th><th>%</th></tr>
<tr><td>Roof top</td><td>19651.18</td><td>50%</td></tr>
<tr><td>Landscape available</td><td>12969.66</td><td>33%</td></tr>
<tr><td>Road &Paved area</td><td>3930.02</td><td>10%</td></tr>
<tr><td>Open & parking area</td><td>2751.14</td><td>7%</td></tr>
<tr><td>Total Land Area (sqm)</td><td>39302</td><td>100%</td></tr>
</table>
</td></tr>
<tr><td>8</td><td>Project Cost</td><td>570.75 Crores</td></tr>
<tr><td>9</td><td>Type of Industries</td><td>Metallurgical industries (ferrous and nonferrous) as per EIA Notification 2006 and its Amendments</td></tr>
<tr><td>10</td><td>Details of Products with capacity</td><td>
<table>
<tr><th>Sl. N</th><th>Name of the product</th><th>Existing quantit</th><th>Proposed quantity</th><th>Total production</th></tr>
</table>
</td></tr>
</table>

		o		y in TPA	-in TPA	after expansion in TPA-	
		1	Casting	31,404	+28,596	60,000	
		2.	Machining and assembling of autoparts	25,668	+34,332	60,000	

11	Details of Machinery	Machine Name	Existing Qty	Capacity/ Machine size	Power Rat./Qty	
		Sinto F box molding machine	1	450x550 mold size 12 molds/hr	140KvA	
		Fujiwa denky pouring machine	1	Capacity- 1T/ ladle capacity	50KvA	
		Elrich sand plant	1	Approx. 20T/hr	200KvA	
		ABP Melting furnace	3	Capacity- 3T	3000KvA	
		Sand core machines	7	Shell core machine (Horizontal & Vertical)	40Kva	
		DISA Shot blast	2	2 ST/Hr	100KvA	
		Return shot blast	1	2T/hr	40KvA	
		FES	1	Fume extraction system	200 KvA	
		DES	7	Sand plant -3 Feeding-1 SB-2 Inmold cooling (Blower) Cast cooler -1	160 KvA	

11	Source of water and Total Water Requirement (Domestic + Industrial) in KLD	Total water requirement is 161 KLD (Domestic: 81 KLD + Industrial: 80 KLD)
12	Fresh Water in KLD Recycled water in KLD	161 KLD 4.2 KLD
13	Total waste water generation in KLD	The total waste water generation is 69 KLD (domestic sewage: 64.8 KLD + Industrial effluent: 4.2 KLD) which will be treated by STP capacity of 85 KLD &

		ETP capacity of 5 KLD w.r.t. combined treatment system
14	Total effluents generation in KLD	Industrial effluent: 4.2 KLD
15	Scheme of disposal of excess treated water	There is no excess treated water, treated water will be recycled/reused to inside the facility
16	ETP Capacity	5 KLD
17	STP Capacity	85 KLD

18	Types of waste Generation & its Disposal	Waste	Proposed (Ton)	Mode of Disposal
		etal alloys waste (B1010)	13,403.463	w material within the facility & also around 3% of metal will be disposed.

19	Solid Waste	Waste	Quantity MTPA	Mode of disposal
		Paper waste	100	Disposed to Authorized KSPCB vendors/as per the applicable rule will be followed for disposal.
		Wood waste	150	
		Glass waste	10	
		Solid plastic waste	100	
		Foundry waste (slag, sand, core and dust)	15,000	
		Corrugated boxes	110	

20	Hazardous Waste and its handling	Hazardous Waste	Quantity	Mode of disposal
		Electrical and electronic waste (B1110) (B1040)	20 MTPA	Disposed in accordance with the HWM rules 2016
		Used/ spent oil (5.1)	200 KL/A	
		Waste residues containing oil (5.2)	400 MT/A	
		Paint sludge (21.1)	10 MT/A	
		Exhaust air or gas cleaning residues (35.1)	0.001 MT/A	
		Discarded containers (33.1)	30 MT/A	
		ETP sludge (35.3)	300 MT/A	

21	CER Activities	Tree Plantation in Bidadi Industrial area wherever vacant/roadside plantation, Solar panel installation/solar

		street light poles/LED lights in Bidadi industrial area, Govt high school, Bidadi upgradation of school facilities like, computers, printers, RO water facility, board, bench, fan, sports accessories etc., Govt Bidadi Hospital: providing Health facilities like wheelchairs, stretchers, masks, sanitizer, beds, chairs, tables, cupboards, etc.,
22	EMP details with Budgetary provisions during construction and operation	Capital cost: 68.01 Crores Recurring cost: 15 Crores

The Proposal is for modification and expansion of existing casting and machining unit from 1,996TPM to 5,000TPM and 1,423 TPM to 5,000TPM respectively. The Proponent informed the Committee that for the existing unit they had obtained EC from SEIAA on 07.03.2013 and corrigendum from SEIAA on 11.10.2018 and had valid CFO from KSPCB dated 28.09.2021 and submitted CCR from MoEF&CC dated 13.07.2023 and informed that there were no observations by RO in the CCR.

The Proponent informed that with reference to the earlier EC, BUA reduced from 2,18,575.74Sqm to 39,302Sqm and plot area from 72,788Sqm to 39,302Sqm respectively. The Proponent informed the Committee that they had applied under category B2, as per the provisions in the MoEF&CC OM dated 24.12.2013 as per which, the activities under schedule 3(a) would be considered as B2, If all the non-toxic secondary metallurgical processing industries involving operation of furnaces only, such as induction and electric arc furnaces, submerged arc furnaces and cupola with capacity >30,000TPA but < 60,000TPA, provided that such projects are located within the notified industrial estate.

The Committee during appraisal sought details regarding, material balance, source of water and its utilization, hazardous waste and its management, emmissions and its control measures. The Proponent informed as per below,

1. Material balance,

Raw materials for casting	Input quantity	Casting quantity MTM	Machining quantity MTM
Alloy addition	494	5000	5000
Fresh steel scrap	5000		
Returns scrap	7908		

2. For source of water and its utilization, Proponent informed that total water requirement is 161KLD and supplied from KIADB and borewell and informed about the details of its utilization as below,

Purpose	Water consumption KLD	Waste water generated KLD	Treatment	Disposal
Domestic	85	68.0	STP of 100.0 KLD capacity	Gardening and flushing
Industrial use				
Purpose	Water consumption KLD	Waste water generated KLD	Treatment	Disposal
Cement mixing	28	3.0	ETP of 5 KLD	STP of 100.0 KLD capacity
Sand plant	14	-		
Primary cooling furnace	10	-	8.5 KLD Reused in cooling tower	
Cooling tower	30.7	Evaporation loss 30%	ETP of 5 KLD	
DG cooling	0.1	0.1		
Compressor cooling use	0.1	0.1		
Dust filter cleaning	0.1	0.1		
Total	80	41		

3. For hazardous waste and its management, Proponent submitted the following details,

Hazardous Waste	Quantity	Mode of disposal
Metal and metal alloys waste (B1010)	13,403.463 MTPA	Used as raw material within the facility & also around 3% of metal will be disposed.
Electrical and electronic waste (B1110) (B1040)	20 MTPA	Disposed in accordance with the HWM rules 2016
Used/ spent oil (5.1)	200 KL/A	
Waste residues containing oil (5.2)	400 MT/A	
Paint sludge (21.1)	10 MT/A	
Exhaust air or gas cleaning residues (35.1)	0.001 MT/A	
Discarded containers (33.1)	30 MT/A	
ETP sludge (35.3)	300 MT/A	

4. For emmissions and its control measures, Proponent informed as below,

DETAILS OF EMISSION FROM SOURCE AND CONTROL MEASURES

Sl.	Process	APC system	Chimney nos.	Type of fuel	Chimney height
1	Sand plant	Dust collector	1	Electricity	28m AGL
2	Sand cooler	Dust collector			
3	EOT-1 Power	Dust collector			
4	SBM	Dust collector	1		
5	SBM				
6	SBM	Dust collector			
7	Moulding	Blower			
8	Spreading	Dust collector			
9	MF 1,2,3	Fume Extraction system	1		
10	Pouring				
11	HC Cooling off				
12	CC Cooling off				
13	Shake & cooling line	Dust collector			
14	Sand plant	Dust collector	1	Electricity	28m AGL
15	Sand cooler	Dust collector	1		
16	Cast cooler	Dust collector	1		
17	In mold cooling	Blower			
18	Shot blast	Dust collector	1		
19	Abrasive Shot blast	Dust collector	1		
20	Fettling (Grinding)	Dust collector			
21	Melting furnace	Fume Extraction system	1		
22	Pouring				
23	DG set - 750 KVA	Catalytic convertor	1	HSD	30 m AGL
24	DG set - 250 KVA	Catalytic convertor	1	HSD	30 m AGL

The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Committee noted that the baseline parameters are found to be within permissible limits.

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

1. To comply with the observations in CCR issued by MoEF&CC.
2. Proponent not to exceed casting and machining quantity of >5,000TPM.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.80 Building Stone Quarry Project at Sy.No.39(P) of Kanivenarayanapura Village, Chikkaballapura Taluk & District (2-00 Acres) (vide QL No.729) by M/s. S. C. B. Enterprises - Online Proposal No.SIA/KA/MIN/423726/2023 (SEIAA 173 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	M/s. S. C. B. Enterprises
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.39(P) of Kanivenarayanapura Village, Chikkaballapura Taluk & District (2-00 Acres) (vide QL No.729)
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
6	Area in Acres	2-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	2,04,082 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	10,20,440 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,00,000 Tones / Annum (excluding waste)
11	CER Activities: Propose take up 300 No. of additional plantation on either side of the approach road from quarry location to Kanivenarayanapura Village Road and Govt. School	
12	EMP Budget	Rs. 13.35 lakhs (Capital Cost) & Rs. 4.73 lakhs (Recurring cost)
13	Quarry plan	01.07.2022
14	Cluster certificate	22.12.2022
15	CCR from MS, KSPCB	01.07.2023
16	Audit Report	09.10.2023

Latitude	Longitude
N13°24'31.2"	E 77°40'18.4"
N13°24'34.9"	E 77°40'16.4"
N13°24'33.9"	E 77°40'14.6"
N13°24'30.1"	E 77°40'16.7"

The proposal is for expansion of building stone quarry, for which the lease was granted on 19.03.2020 with effect from 13.03.2006 with QL No.729 and for which EC was issued earlier by SEIAA on 22.05.2019. The Proponent submitted audit report till 2022-23 certified by DMG and CCR from KSPCB dated 01.07.2023.

There is an existing cart track road to a length of 900 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 10,20,440 Tones (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 of2,04,082Tones/ Annum (including waste) with one year validity, with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry and road leading to 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. To appoint statutory manager as per DGMS
5. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

306.81 Ordinary Clay Quarry Project at Sy.No.71/2(P) of Doddahosur Village, Khanapur Taluk, Belagavi District (2-04 Acres) by Sri. Irfanahmed Kasimsab Herekar - Online Proposal No.SIA/KA/MIN/447586/2023 (SEIAA 490 MIN 2023)

About the project:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri. Irfanahmed Kasimsab Herekar
2	Name & Location of the Project	Ordinary Clay Quarry Project at Sy.No.71/2(P) of Doddahosur Village, Khanapur Taluk, Belagavi District (2-04 Acres)
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	2-04 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	9,120Tonns/annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.25 Crores (Rs. 25 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,10,400Tones (including waste)

Latitude	Longitude
N 15°39'06.0410"	E 74°32'50.1518"
N 15°39'06.0811"	E 74°32'50.4127"
N 15°39'03.1721"	E 74°32'50.8607"
N 15°39'02.9417"	E 74°32'49.9905"
N 15°39'02.7421"	E 74°32'48.1907"
N 15°39'02.8417"	E 74°32'49.9907"
N 15°39'06.6521"	E 74°32'47.5007"
N 15°39'06.5717"	E 74°32'48.1906"

10	Permitted Quantity Per Annum - Cu.m / Ton	9,120Tonns/annum (including waste)
11	CER Activities: Propose take up 200 No. of additional plantation on either side of the approach road from quarry location to Doddahosur Village Road	
12	EMP Budget	Rs. 13.45 Lakhs (Capital Cost) & Rs. 3.73 lakhs (Recurring cost)
13	Forest NOC	22.08.2023
14	Cluster certificate	10.04.2023
15	Revenue NOC	22.07.2015
16	App. Quarry Plan	01.04.2023

As per the cluster sketch there is no lease within 500mtr from the said lease and total area of the applied lease is 2-04 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 280meters 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 as per standard norms and to grow trees all along the approach road, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 1,10,400tones(including waste) and estimated the life of mine to be 13years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 9,120tones/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.

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

With Permission of the Chair

306.82 Ornamental Stone Quarry Multicolour Granite (Tiger Skin) Project at Sy.No.64/1 of Bettaduru Village, Hunsur Taluk, Mysore District (3-00 Acres) bySri N Chandrashekharan - Online Proposal No.SIA/KA/MIN/449691/2023 (SEIAA 510 MIN 2023)

About the project:

Sl No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri NChandrashekharan
2	Name & Location of the Project	Ornamental Stone Quarry Multicolour Granite (Tiger Skin) Project at Sy.No.64/1 of Bettaduru Village, Hunsur Taluk, Mysore District (3-00 Acres)

		Latitude	Longitude
		N 12° 21' 32.70"	E 76° 28' 50.80 "
		N 12° 21' 30.50"	E 76° 28' 52.20 "
		N 12° 21' 30.50"	E 76° 28' 53.00 "
		N 12° 21' 28.11"	E 76° 28' 53.80 "
		N 12° 21' 28.17"	E 76° 28' 50.14 "
		N 12° 21' 32.20"	E 76° 28' 49.00 "
3	Type Of Mineral	Ornamental Stone Quarry	
4	New / Expansion / Modification / Renewal	Renewal	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government	
6	Area in Acres	3-00 Acres	
7	Annual Production (Metric Ton / Cum) Per Annum	10,418 Cum/ Annum (including waste)	
8	Project Cost (Rs. In Crores)	Rs.1.40 Crores (Rs.140 Lakhs)	
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,59,500Cum (including waste)	
10	Permitted Quantity Per Annum - Cu.m / Ton	3,125 Cum/ Annum (recovery)	
11	CER Activities:		

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to the GHPS school at Bettaduru Village.
2nd	Rain water harvesting pits to GHPS school at Bettaduru 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 school at Bettaduru Village.
5th	Health camp in GHPS school at Bettaduru Village.

12	EMP Budget	Rs. 29.61 lakhs (Capital Cost) & Rs. 5.98 lakhs (Recurring cost)
13	Quarry plan	12.09.2023
14	Cluster certificate	18.10.2023
15	Notification	24.01.2023

The Proponent informed the Committee that the proposal is for modification of EC due to change in coordinates of the quarry area with respect to the earlier EC issued by SEIAA on 08.05.2013 for which they had obtained revised notification on 24.01.2023 for the corrected coordinates with no change in production. The Proponent informed that the lease was initially granted earlier on 26.06.2008, with QL No.195 and as per DMG certified audit report dated 23.10.2023, no mining activity has been carried out from 2009-10 till date and justified for non submission of CCR.

There is an existing cart track road to a length of 320km connecting lease area to the all-weather black topped road and the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry as per IRC 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 1,59,500 cum(including waste) and estimated the life of mine to be 22 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 10,418 Cum/ Annum (including waste), with following consideration,

1. Proponent agreed to asphalt 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. To handle the waste by obtaining necessary permission.
4. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital

Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

Meeting Concluded with vote of thanks to all.

Member Secretary, SEAC
Karnataka

Chairman, SEAC
Karnataka