Proceedings of the 300th SEAC Meeting held on 13th & 14th July- 2023

Members present in the meeting held on 13th & 14th July- 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.Sharanabasava 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.	Sri. 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 299th SEAC meeting held on 26th June 2023was read and confirmed.

Fresh Projects

EIA Projects

300.1 Residential Apartment Project at Sompura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District by M/s. Binary Realty- Online Proposal No.SIA/KA/INFRA2/433631/2023 (SEIAA 122 CON 2023)

About the project:

Sl. No.		PARTICULARS	INFORMATION PROVIDED BY PP
1		Name & Address of the Project Proponent	Mr. Bharath K.A, Partner, M/s. Binary Realty No.73/2, Chambenahalli Village, Dommasandra Post, Near Asset Serene Apartment, Sarjapura Main Road, Bengaluru – 562 125.
2		Name & Location of the Project	Development of "Residential Apartment" Project at Sy. No. 19. Sompura Village, Sarjapura Hobli, Anekal Taluk. Bengaluru Urban District – 562 125.
3		Type of Development	
	a.	Residential Apartment / ~~Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other~~	Residential Apartment Category 8(a) as per EIA Notification 2006.

	b.	Residential Township/ Area Development Projects	NA
4		New/~~Expansion/ Modification/ Renewal~~	New
5		Water Bodies/ Nalas in the vicinity of project site	Drain is passing adjacent in west, north and east direction of the project site
6		Plot Area (Sqm)	10,015.83 Sq.mt
7		Built Up area (Sqm)	28,848.66 Sq.mt
8		FAR • Permissible • Proposed	 2.25 2.24
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	BF+GF+8UF
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	153 nos.
11		Height Clearance	26.99 m (As per CCZM, the permissible height is 123 m AMSL and the height achieved for our proposed building is 26.99 m).
12		Project Cost (Rs. In Crores)	Rs. 64.00 Crores
13		Disposal of Demolition water and or Excavated earth	Total Excavated earth quantity –13,980 m^3 For Backfilling – 5033 m^3 For Landscaping – 4006 m^3 For driveway –2662 m^3 Site formation –2279 m^3
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	2,181.35 Sq.mt
	b.	Kharab Land	--
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification. 2006	4.006.33 Sq.mt
	d.	Internal Roads	3327.36 Sq.mt
	e.	Paved area	
	f.	Others Specify	CA Area - 500.79 Sq.mt
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
	h.	Total	10.015.83 Sq.mt
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	16 KLD

	c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD	
	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 and treated water will be used for dust suppression /landscaping within the site.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	69 KLD
			Flushing	35 KLD
			Total	104 KLD
	b.	Source of water	Yamare Gram Panchayath	
	c.	Wastewater generation in KLD	94 KLD	
	d.	STP capacity	STP Capacity – 100 KLD STP Area –75 sq.mt	
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Excess 27 KLD for construction works/avenue plantation.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	180 Cum	
	b.	No's of Ground water recharge pits	28 Nos.	
17		Storm water management plan	Runoff from the hardscape and Landscape will be used to recharge the ground water within the site through 28 No. of recharge pits. 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 - 14 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	126 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter. OWC Capacity – 60 kg/hr & area 300 Sq.ft (27.8 Sq.mt)	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	188 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: 95 L/Annum (0.19 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	921 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, high efficiency Pumps and motors in Lifts etc The overall energy savings is around 29 %
20		PARKING	
	a.	Parking Requirement as per norms	169 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road: Somapura Road — Towards: — Existing: B — Changedafter road widening: B No change Road: SH-35 Divided road — Towards: Gunjur — Existing: C — Changedafter road widening: B Road: SH-35 Divided road — Towards: Sarjapur — Existing: C — Changedafter road widening: B
	c.	Internal Road width (RoW)	12.19 m wide Somapura road
21		CER Activities	Development worksin Somapura Lake
22		EMP • Construction phase • Operation Phase	During Construction: Capital Investment – 9.00 Lakhs Construction – 42.79 Lakhs During Operation: Capital investment – 145.76 Lakhs Operation Investment – 20.04 Lakhs/annum

The proposal is for construction of residential building in an area earmarked for residential use as per Anekal Planning Authority.

The Committee during appraisal sought details regarding drains as per village map, approach road to the project site and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that there is a primary drain adjacent to the plot area in west-north-east sides and a buffer of 9 mtrs has been left from the edge of the drain and informed that an area of 6 Guntas has been earmarked for public road by DC as per Orders dated 08.02.2023 and had obtained permission has been given by DC vide letter dated 17.02.2023 to construct bridge. For harvesting rain water. Proponent informed that they had proposed RWH tanks of 180 cum capacity for runoff from rooftop and 28 nos. of recharge pits for runoff from hardscape and landscape areas within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for the purpose of conservation of water and to use sustainable building materials in the proposed project and to construct lead of drains till the natural drains/water body, to which the Proponent agreed.

The Proponent agreed to grow 130 trees in the project site area. 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 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 RWH tanks/sump of 180cum capacity and 28nos of recharge pits
2. To grow trees during the construction phase itself.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. 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.

300.2 Residential Apartment Building at Hadosiddapura Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Meda Propoerties - Online Proposal No.SIA/KA/INFRA2/425608/2023 (SEIAA 92 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. Meda Venkat Ram Reddy No.19-42-S8-655, Meda Nilayam, STV Nagar, Raghunatha Reddy Colony, Tirupathi - 517502
2	Name & Location of the Project	M/s. Meda Properties Sy. Nos. 2/2, 2/3, 3/1 & 3/2 of Hadosiddapura Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District, Bangalore – 560035
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	Not Applicable
4	New/ Expansion/ Modification/ Renewal	New

5	Water Bodies/ Nalas in the vicinity of project site	Rayasandra Lake – 3.36 Km (SW) Halanayakanahalli Kere – 1.67 Km (NW) Hadosiddapura Lake – 0.16 Km (S) Gattihalli Lake – 2.00 Km (SW) Huskur Lake– 4.16 (S) Chikkanagamangala Kere – 4.40 (SW) Hosa Lake – 3.77 (W) Lakedev Lake – 4.07 (W) Kasavanahalli Lake – 3.72 (NW) Saul Kere –3.27 (NW) Doddakannalli Lake – 2.11 (NW) Panathur Lake – 4.02 (N) Sulikunte Lake – 3.30 (SE) Huskur Kere – 3.05 (SE) Heelalige Lake – 8.30 (S) Chandapura Lake – 9.40 (S) Kammasandra Lake – 7.34 (SW) Hebbagodi Kere – 7.21 (SW) Thirupalya Lake – 8.15 (SW) Chikkatogur Lake – 6.01 (SW) Mylasandra Kere – 9.88 (SW) Begur Lake – 8.40 (W) Madiwala Lake – 8.98 (W) Agara Lake – 6.98 (NW) Bellandur Lake – 5.27 (NW) Doddanakundi Lake – 8.75 (NW) Muthanallur Lake – 8.05 Km (SE) Narayanaghatta Kere – 5.05 Km (SE)
6	Plot Area (Sqm)	8,700.66 Sqm
7	Built Up area (Sqm)	39,709.00 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]	Tower A& B: BF + GF + 14 UP + Terrace
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	180 Flats 1 BHK: 28 2 BHK: 42 3 BHK: 110
11	Height Clearance	The highest RL of the building after construction will be 964.95 m which is more than the permissible top height as per CCZM is 980 m.
12	Project Cost (Rs. In Crores)	85.37 Cr
13	Disposal of Demolition waste and or Excavated earth	Total Quantity of Excavated Soil: 16,527.73 Cum • Back filling for footings: 4,958.32 Cum • For Landscaping : 3,305.32 Cum • For formation of roads : 8,263.86 Cum

14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	2,438.89 Sqm		
b.	Kharab Land	Nil		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,781.51 Sqm		
d.	Internal Roads	3,480.26Sqm		
e.	Paved area			
f.	Others Specify	--		
g.	Parks and Open space in case of Residential Township/ Area Development Projects	Not Applicable		
h.	Total	8,700.66 Sqm		
15	WATER			
I.	Construction Phase			
a.	Source of water	Tanker Water for Domestic Use at construction site. Tertiary treated water construction Activity.		
b.	Quantity of water for Construction in KLD	18 KLD		
c.	Quantity of water for Domestic Purpose in KLD	2.25 KLD		
d.	Waste water generation in KLD	2.025 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	88.74 KLD	
		Recycled	44.64 KLD	
		Total	133.38 KLD	
b.	Source of water	Gram Panchayat Water Supplies		
c.	Waste water generation in KLD	120.04 KLD		
d.	STP capacity	150 KLD		
e.	Technology employed for Treatment	SBR		
f.	Scheme of disposal of excess treated water if any	Flushing –44.64 KLD Greenbelt – 13.91 KLD On land for Irrigation – 61.49 KLD		
16	Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	1No X100 KL& 1 No X 70 KL		
b.	No's of Ground water recharge pits	18 Nos		
17	Storm water management plan	Runoff water to be harvested in RWH tanks of 70cum capacity and excess to be harvested in RWH pits.		
18	WASTE MANAGEMENT			
I.	Construction Phase			
a.	Quantity of Solid waste generation and mode of Disposal as per norms	• The construction waste generated shall be used within the project site to the extent possible and residual waste shall be segregated and be disposed off safely.		

			• In addition, there will be 50 Nos of labours working at site due to which about 12.5 kgs of municipal solid waste generated will be collected & disposed off suitably.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	300.0Kg/day will be converted as compost using Organic Waste converter.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	200.0 Kg/day will be handed over to authorized recyclers.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	200 Liters of Waste Oil from servicing of DG. Will be handed over to KSPCB approved recycler.
	d.	Quantity of E waste generation and mode of Disposal as per norms	Not Applicable
19		POWER	
	a.	Total Power Requirement -Operational Phase	900 kVA will be sourced from BESCOM
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 Nos X 250 KVA& 1 Nos 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	Total Energy Savings: 20%
20		PARKING	
	a.	Parking Requirement as per norms	190 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Existing LOS: C Modified LOS: D
	c.	Internal Road width (RoW)	Internal road width 6.00 m
21		CER Activities	To provide infrastructure facilities to near by Govt. School/Hospital.
22		EMP • Construction phase • Operation Phase	EMP Budget during Construction Phase: 50 Lakhs EMP Budget during Operation Phase: • Capital Cost: 275.0 Lakhs • Recurring Cost: 20 Lakhs

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

The Committee during appraisal sought details of water body as per village map, sensitive zone as per zoning map and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that there is a water body in south east to which 30 mtr buffer has been proposed from the edge of the water body and has obtained sensitive zone clearance from BDA dated 29.12.2022. For harvesting rain water, Proponent informed that they had proposed RWH tanks of 100 cum capacity for runoff from rooftop and an additional tank of 70 cum capacity for runoff from hardscape and landscape areas in addition 18 nos of recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for the purpose of conservation of water and to use sustainable building materials in the proposed project and to construct lead of drains till the natural drains/water body, to which the Proponent agreed.

The Proponent agreed to grow 109 trees in the project site area. 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 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 RWH tanks/sump of 100cum & 70cum capacity and 18nos of recharge pits
2. To grow trees during the construction phase itself.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. 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.

300.3 Construction of Housing Project at Konadasapura Village (Phase-3) in Bidarahalli Hobli, Bangalore East Taluk Banglore Urban District by Bangalore Development Authority - Online Proposal No.SIA/KA/INFRA2/426988/2023 (SEIAA 111 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Construction of Housing Project at Sy. No. 19. 20 of Konadasapura Village (Phase-3) in Bidarahalli Hobli, Bangalore East Taluk
2	Name & Location of the Project	Location Plot/Survey/Khasrano. : Sy.No.19,20 Village : Konadasapura Tehsil : Bidarahalli District : Bangalore State : Karnataka
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses /Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment and Commercial Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	--
4	New/ Expansion/ Modification/ Renewal	New

5	Water Bodies/ Nalas in the vicinity of project site	• Konadasapura Lake: 0.6 Km North • Kattanallur Lake : 0.65 Km NE • Chinnaganahalli Lake: 1.2 Km SW • Hoskote Lake :2.0 Km NE • Yellamallappa Shetty Lake :3.0 Km SW
6	Plot Area (Sqm)	40,468.62Sq.m.
7	Built Up area (Sqm)	• 85,629.36 m^2 (Residential Area) • 16,017.37m^2(CommercialArea) Total of 1,01,646.73Sqm
8	FAR • Permissible • Proposed	2.5 2.48
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3 Towers : 2B+G+13UF
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	•3 BHK:112nos. •3.5BHK: 24 nos. •2BHK:396 nos. •EWS:60nos. •**Total:592 nos**
11	Height Clearance	The project site located on grid number U15 in the Color Coded Zoning Map (CCZM) permissible top elevation is about 1055 m. Permissible Building Height (AGL)= (1055-909) =146m Total Permissible Building height is about 146 m and proposed building height is 44 m
12	Project Cost (Rs. In Crores)	Rs374.8Cr
13	Disposal of Demolition waster and or Excavated earth	Nodemolitionwastewillbegenerated. Excavated earth material used for construction material within the site area.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	32,236.03Sq.m.
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	4.094.21Sq.m.
d.	Internal Roads	9.590 Sq.m
e.	Paved area	
f.	Others Specify	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	666.69m2
h.	Total	40.468.62Sqm
15	WATER	
I.	Construction Phase: 9 KLD	
a.	Source of water	BWSSB

	b.	Quantity of water for Construction in KLD	5 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	4 KLD	
	d.	Waste water generation in KLD	3.2 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Septic tank and Soak pit	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	315 KLD
			Recycled	402 KLD
			Total	717 KLD
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	450 KLD	
	d.	STP capacity	450 KLD	
	e.	Technology employed for Treatment	SBRTechnology	
	f.	Scheme of disposal of excess treated water if any	-	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	150 m^3	
	b.	No's of Ground water recharge pits	15nos	
17		Storm water management plan	Runoff is collected in RWH tank of 150cum and excess is harvested in recharge pits	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	20 kg/day	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	885 kg/day	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	981 kg/day	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	--	
	d.	Quantity of E waste generation and mode of Disposal as per norms	--	
19		POWER		
	a.	Total Power Requirement - Operational Phase	2.4MW	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	140 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	Total savings of 5 % saving	

20	PARKING		
a.	Parking Requirement as per norms	848+158 ECS	
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	C Category	
c.	Internal Road width (RoW)	8 m	
21	CER Activities	To construct 24mt wide road for the villages with main road and Tree plantation in nearby areas	
22	EMP • Construction phase • Operation Phase		

Sl. No.	Particular	Capital Cost (in Rs)	Recurring Cost (Annual) (in Rs)
1.	Sewage Treatment Plant (450 KLD)	90 Lac	9.00 Lac
2.	Rain water Storage Structure (15 nos)	30 Lac	3.00 Lac
3.	DG Stack & Acoustic Enclosure	10 Lac	1.00 Lac
4.	Solid Waste Management (Composter)	30 Lac	3.00 Lac
5.	Environmental Monitoring	--	2.00 Lac
6.	Landscaping	12 Lac	2.00 Lac
7.	Fire Fighting & Emergency handling	20 Lacs	2.00 Lac
8.	Under Social Environment as EMP	5 Lacs	--
	TOTAL	**197.00 Lac**	**22.00 Lac**

The proposal is for construction of residential & commercial buildings in an area earmarked for commercial use as per BDA.

The Committee during appraisal sought details regarding drain as per village map and provisions made for harvesting rain water in the proposed area and management of excavated earth. The Proponent informed the Committee that the bufferzone of the tertiary drain in north is away from the project site area. For harvesting rain water, Proponent informed that they had proposed RWH tanks of 450 cum capacity for runoff from rooftop and 15 nos of recharge pits for runoff from hardscape and landscape areas within the project area. Proponent informed that out of the excavated earth of about 2 Lakh cum. 0.7 Lakh cum of earth would be used for back filling and remaining 1.3 Lakhs cum would be used for site landscaping & leveling adjacent BDA areas by filling the depression and low-level areas.

Further the Committee informed the Proponent to install smart water meters for individual units for the purpose of conservation of water and to use sustainable building materials in the proposed project and to construct lead of drains till the natural drains/water body, to which the Proponent agreed.

The Proponent agreed to grow 425 trees in the project site area. 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 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 RWH tanks/sump of 450cum capacity and 15nos of recharge pits
2. To grow trees during the construction phase itself.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. 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.

300.4 Residential Development Project at Venkatala Village, Yelahanka Hobli, Banglore North Taluk, Banglore Urban District by M/s. Brigade Tetrarch Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/431415/2023 (SEIAA 110 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	**Mr. Abraham Koshy** Head – Design Management M/s. Brigade Tetrarch Pvt. Ltd. Bengaluru.
2	Name & Location of the Project	"Brigade Residential Development" Sy.Nos.10/2P, 23/1A(P) (Old Sy No. 23/1), 23/2A (Old Sy No. 23/2), Venkatala Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru 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	Not Applicable
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 – 24,609.75 Sqm (6A 3.25G) Bandi dari kharab area – 809.36 Sqm (8G) Net site area for development – 23,800.39 Sqm (5A 35.25G)
7	Built Up area (Sqm)	1,45,034.54 Sqm.
8	FAR • Permissible • Proposed	 4.875 (including TDR) 4.875
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	• Tower 1 to 6 (2 Number of Buildings /Blocks) -2BF+GF+20UF+TF - 65m • Club House- 2BF+GF+4UF+TF - 22.50m
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	600 Nos. (60 - 1BHK, 400 - 3BHK & 140 - 4BHK)
11	Height Clearance	Project site elevation – 910 m Building Height – 65 m Maximum building height: 975 m
12	Project Cost (Rs. In Crores)	200Crores.
13	Disposal of Demolition waste and or Excavated earth	NA
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	11,424.18 Sqm
b.	Kharab Land	809.36 Sqm
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	7,854.13 Sqm
d.	Paved area	Driveway area – 952.0 Sqm
e.	Others Specify	Civic amenities: 1,190.95 Sqm Park and Open area - 2,380.04 Sqm
f.	Parks and Open space in case of Residential Township/ Area Development Projects	--
g.	**Total**	24,609.75Sqm
15	**WATER CONSUMPTION**	
I.	Construction Phase	
a.	Source of water	STP treated water for construction purpose & Tanker water for domesticpurpose.
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	335KLD	
		Recycled	170KLD	
		Total	505 KLD	
b.	Source of water	BWSSB		
c.	Wastewater generation in KLD	429 KLD		
d.	STP capacity	500 KLD		
e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology		
f.	Scheme of disposal of excess treated water if any	Available treated water – 408 KLD (95% of sewage water) For flushing –170 KLD For gardening – 47 KLD For Car washing – 39 KLD Other construction purpose - 152 KLD		
16	Infrastructure for Rainwater harvesting			
a.	Capacity of sump tank to store Roof run off	4X185Cum (2 Days storage)		
b.	Nos of Ground water recharge pits	27 No's		
17	Storm water management plan	• Land is gently sloping terrain and sloping towards South 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 –675 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converterSludge generated from STP of capacity 5kg/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 – 1011kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.		
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil of 2.1kl/annum will be generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.		
d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.		

19		**POWER**	
	a.	Total Power Requirement - Operational Phase	BESCOM – 4000 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	750kVA x 4Nos. 500kVA x 2Nos
	c.	Details of Fuel used for DG Set	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as Solar energy, Copper wound transformer are proposed in the project -20%.
20		**PARKING**	
	a.	Parking Requirement as per norms	880 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	B & C
	c.	Internal Road width (RoW)	6.0 m
21		CER Activities	Plantation around the Yalahanka lake area (600 m-west). • Total peripheral length of lake –5,411 m. • Distance between two saplings – 2 m. • Total no. of saplings – 2,750 No's. • Plantation cost for one sapling – Rs 500. • Total plantation cost for 2.750 saplings Rejuvenation of Yalahanka lake(600m-west) by implementing stone pitching, cleaning, and desilting.
22		EMP • Construction phase • Operation Phase	Construction phase – 29 lakhs. Operational Phase – 419lakhs.

The proposal is for construction of residential buildings in an area earmarked for residential hi-tech use as per RMP of BDA.

The Committee during appraisal sought details regarding cart track road as per village map and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that there is cart track road in south west, which is left as it is with free public access. For harvesting rain water, Proponent informed that they had proposed RWH tanks of 4x185cum capacity for runoff from rooftop and a pond of 200cum for runoff from hardscape and landscape areas along with 27 nos of recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for the purpose of conservation of water and to use sustainable building materials in the proposed project and to construct lead of drains till the natural drains/water body, to which the Proponent agreed.

The Proponent agreed to grow 400 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise 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 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 RWH tanks/sump of 4x185cum capacity, pond of 200cum and 27nos of recharge pits
2. To grow trees during the construction phase itself.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.
5. To provide free public access in kharab area.

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

300.5 Construction of Educational Institute Project at Bheemanakuppe Ramasagara and Bheemanakuppe Village, Kengeri Hobli, Kengeri, Bengaluru Urban District by M/s. Indian Institute for Human Settlements - Online Proposal No.SIA/KA/INFRA2/432923/2023 (SEIAA 119 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Sri AromarRevi, Director M/s. Indian Institute for Human Settlements, No. 197/36, 2nd Main Road, Sadashivanagar, Bengaluru - 560 080
2	Name & Location of the Project	Indian Institute for Human Settlements Sy. No.2 of Bheemanakuppe Ramasagara & Sy. Nos.180, 198, 199 & 200 of Bheemanakuppe Village, Kengeri Hobli, Kengeri, Bengaluru -560060
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Educational institute 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	Secondary drain in west and tertiary drain in north & west
6	Plot Area (Sqm)	2,17,012sqm.
7	Built Up area (Sqm)	55,593sqm.
8	FAR • Permissible • Proposed	 2.25 0.216
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper	• **LIBRARY** **Basement:** • Underground water tank

	Floors]	• Crèche **Ground Floor** • Arrival area • Exhibition Space • Gathering Space • A.V. Room 1 (40Persons) • Court Yard • Data Center • Kiosk (Publication Space) • A.V. Room 2 (15-20 Persons) • A.V. Room 3 (3-4 Persons) • Toilets (Male, Female and disabled) • Crèche • MEP Facility area **Mezzanine Floor:** • Light reading room • Cartography cabinets • Digitization and Photocopy internal • Back volume compactors • Braille Collection • Career Resources Section • Acquisition, Cataloguing & Conversation • Storage • MEP Facility area **1st Floor:** • Arrival • Reading area • Junior staff workstation • Digital Library • Senior staff cabin • A.V Room (3-4 Persons) • 2 persons cabin • A.V Rooms (15-20 Persons) • Rare book and special collection section • Global repository of thesis and dissertations • IIHS publications repository • Reference section • Toilets (Male, Female and Disabled) • M.E.P Facility area **Second Floor:** • Entry • AV Rooms (2-3 Persons) • 2 Persons Cabin • Librarian's Cabin • AV Room (6-8 Persons)

		• Reading area (32 Persons) • Group discussion room • General section stacks • National Repository of Textbooks and curriculum • Toilets (Male, Female and Disabled) • M.E.P Facility area **ADMIN BLOCK** **Lower Ground Floor** • Placement and Alumni office (Chief Placement and alumni officer) (1), Functional lead, (2), Sr, Managers and Managers (2), Associates and Assistants (3). 8 Seater Meeting Room. • Resource development office (Head resource development) (1), Sr. Functional and Functional Lead (2), Sr. Manager and Managers (4), Associates, 10 Seater Meeting Room (1) • Marketing and Brand Building (Chief marketing and outreach officer) (1). Head strategic Outreach (1). Sr. Functional Lead (1). Sr. Managers (2). Associates (4). 6 seater Meeting room • Administration (Head Operations and Administration (1), Sr. Associates. Associates, Assistants and office Assistants (4). Production space (1)) • Toilets **Ground Floor** • 32 Capacity Classrooms (2) • External Consultants (6) • Toilets **Upper Ground Floor** • School of Governance (10 Seater Meeting Room) (1). Sr. Associate Professors (1). Associate Professors (1). Assistant Professors (8). Post-Doctoral Faculty (12)) • Toilets **1st Floor** • 64 Capacity Classrooms (3) • 32 Capacity Classroom (1) • School of Governance (6 Seater

Meeting Rooms (2). 14 Seater Meeting Rooms (1), School Dean (1), Support Staff For School Dean (4), Academic & Research Dean And Staff (1), Sr. Associate Professors (1), Associate Professors (3), Post Doctoral Faculty (8)

- Practice (Head Of Practice (1), Chief Of Practice (1), Practice Lead (1), Practice Senior Consultant (2), Senior Consultant (1), Sr. Assistant Professors (4), Consultant (3), External Consultant (4)
- Toilets

CENTRAL PLAZA

Lower Ground Floor

- Data Bank
- Mini Auditorium
- INFORMATION Provided by PP Technology area (Sr. Function Lead Sr. managers, Managers. Sr. Associates. Associates. Assistants . 6 seated meeting room. storage room)
- Toilets (Male & Female)
- Underground water storage

Upper Ground Floor

- Campus development area
- Toilets (Male & Female)
- Recording room

Ground Floor

- Museum
- Interpretation center
- Administration rooms (Sr. managers. Managers. Sr. Associates. Associates. Assistants)
- Toilets (Male & Female)
- Cafeteria
- Kitchen storage
- Managers room
- Restrooms & Change rooms for workers

1st Floor

- Dining Hall (400 person capacity)
- Toilet (Male & Female)
- Exhibition Space
- V.R Room
- Campus control room
- AV Room

		• Serving zone • Kitchen with dish washing area. • Terrace **2nd Floor** • Dining hall (230 person capacity) • Food stalls (6) • Toilets (Male & Female) **SR. FACULTY ROW HOUSING** ***DIRECTOR'S HOUSE (1No – 3BHK-G+1)*** **Ground Floor** • Entrance Foyer, Waiting Room, Conference Room, Verandah-1, Lobby, Toilet-1, Pantry, Kitchen, Utility, Verandah-2, Living room, Dining room, Toilet-2, Bedroom-1 (attached toilet), Foyer, Bedroom 2 (attached toilet and verandah). **First Floor** • Bedroom-3 (attached toilet and verandah), Verandah, Family Room, Study room (attached toilet). ***SR. FACULTY HOUSE (3Nos)*** **Ground Floor** • Court Yard -1, Verandah, Study Room (attached Verandah), Toilet, Living Room, Bedroom – 1, Family lounge, Court yard -2, Master Bedroom (attached toilet). Dining, Kitchen, Utility, Bedroom-3 (attached toilet and verandah), Court ***SR. FACULTY HOUSE (12Nos-3BHK-G+1)*** **Ground Floor** • Court Yard -1, Verandah - 1, Study Room (attached Verandah), Toilet, Verandah-2, Court yard -2. Living Room, Dining, Kitchen, Utility, Bedroom-1 (attached toilet and verandah), Court yard -3 **First Floor** • Master Bedroom-2, Verandah, Family Lounge, Bedroom-3 (attached toilet). **UPP HOSTEL** **Ground floor** • Dining area, Toilets **First Floor**

		• Hostel rooms, Toilets **Second Floor** • Hostel rooms, Toilets **Third Floor** • Hostel rooms, Toilets • **Fourth Floor** • Hostel rooms, Toilets **LEARNERS HOSTEL** **Ground floor** • Dining area, Toilets, Parking **First Floor** • Hostel rooms, Toilets **Second Floor** • Hostel rooms, Toilets **Third Floor** • Hostel rooms, Toilets **Fourth Floor** • Hostel rooms, Toilets **Fifth Floor** • Hostel rooms, Toilets **Sixth Floor** • Hostel rooms, Toilets **MAKER CENTER / WORKSHOP / ARTISAN SCHOOL** **Basement** • Storage, Utility services **Ground Floor** • Workshop / training area, Toilets **First Floor** • Workshop / training area, Toilets **Second Floor** • Workshop / training area, Toilets **FACULTY HOUSING & AMENITIES BLOCK** **Basement** • Parking **Ground Floor** • Retail / Amenities **First Floor** • Apartments / Flats, Indoor Sports **Second Floor** • Apartments / flats, Indoor Sports **Third Floor** • Apartments / Flats, Indoor sports **Fourth Floor** • Apartments / Flats

		SECURITY BLOCKS ***Block – 1*** • Visitor Register/ Waiting area • Parcel storage • Toilets • Semi open sit out • CSO ***Block – 2*** • RFID Corridor • Parcel storage • Bag check room **TEMPORARY SITE OFFICE** **Ground Floor** • Chief Campus Development Office, Campus Development Team Workstations, Meeting room-1, Meeting room-2, Common passage, Administration, Reception, Electrical room, Toilets, Pantry, Utility, Board room. **1st Floor** Long term Urban Ecological Research Observatory / Environment Cell team workstations, Technology/Media lab, Meeting room-3, Guest room, Common passage-2, Solar battery room, Toilets, Caretakers room.
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	NA
11	Height Clearance	NA. Since there is no Airport existing nearby the project site.
12	Project Cost (Rs. In Crores)	Rs. 376.82Crores
13	Disposal of Demolition waster and or Excavated earth	Excavated quantity of earth – 56,800 cum Backfilling – 43,800 cum Topsoil requirement for landscape – 8,600 cum Soil requirement for stabilized soil blocks – 5,400 cum No excess quantity to be disposed off.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	16,681Sqm
b.	Kharab Land	16,189.00sqm
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification. 2006	23,352sqm
d.	Internal Roads	53,561sqm
e.	Paved area	

f.	Others Specify	1,23,419sqm		
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA		
h.	Total	2,17,012sqm		
15	WATER			
I.	Construction Phase			
a.	Source of water	Tanker		
b.	Quantity of water for Construction in KLD	20KLD		
c.	Quantity of water for Domestic Purpose in KLD	10KLD		
d.	Waste water generation in KLD	8KLD		
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP		
II.	Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	175.7 KLD	
		Recycled	46.8 KLD	
		Total	222.5 KLD	
b.	Source of water	Rainwater harvesting/ Borewell/Tanker		
c.	Waste water generation in KLD	46.8KLD		
d.	STP capacity	48KLD		
e.	Technology employed for Treatment	Dewats system		
f.	Scheme of disposal of excess treated water if any	No excess water		
16	Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	27395KL (5nos)		
b.	No's of Ground water recharge pits	No recharge pits proposed. Both roof top and surface runoff water will be collected, stored and used.		
17	Storm water management plan	Internal drains provided and connected to rainwater harvesting ponds.		
18	WASTE MANAGEMENT			
I.	Construction Phase			
a.	Quantity of Solid waste generation and mode of Disposal as per norms	0.15TPD of solid water will be generated and this will be segregated and disposed to authorised vendors		
II.	Operational Phase			
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	0.57TPD- Organic waste shall be converted to Manure using OWC and used for gardening.		
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	0.28TPD-Segregated, Bailed & Sold to Authorized recyclers.		
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used Oil - 200LPA - KSPCB authorized recyclers Cotton Waste - 100Kgs/A - KSPCB authorized incinerators		

	d.	Quantity of E waste generation and mode of Disposal as per norms	The electronic wastes such as CDs, Pendrives, Computer components etc., from the project will be segregated, collected and stored at a designated place and will be handed over to authorized recyclers.
19		POWER	
	a.	Total Power Requirement -Operational Phase	1700KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1010KVA × 1No
	c.	Details of Fuel used for DG Set	LSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	LED Bulbs, energy efficient water cooledsystem, Solar PVs of 1530KWP. Total savings of 54% savings.
20		PARKING	
	a.	Parking Requirement as per norms	440 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	C
	c.	Internal Road width (RoW)	6m &8m
21		CER Activities	Construction of toilet, installation of solar lighting and computers in Nearby Govt. School and Plantation in project area villages. To carry out awareness programs for nearby villagers.
22		EMP • Construction phase • Operation Phase	Construction Phase: RS. 15 IAKHS Operation Phase: Capital Cost: 120 Lakhs Recurring Cost: 13 Lakhs

The proposal is for construction of Educational institution in an area allotted by BDA. The Proponent informed that though Educational institutions with BUA of up to 1.50 Lakh Sqm are exempted from EC. as it has been planned to construct residential staff & faculty housing buildings with BUA of 20,317 Sqm, which is crossing the threshold of 20.000 Sqm, they have applied for EC.

The Committee during appraisal sought details regarding drains as per village map, provisions made for harvesting rain water in the proposed area and activities carried out in the proposed buildings. The Proponent informed the Committee that the secondary drain and tertiary drains passing inside the plot area is rerouted as per DC Order dated 03.04.2023 and buffer of 25 mtrs is proposed from the center of the drain for secondary drain in west and 15 mtrs buffer from the center of the drain for tertiary drain in north & west. For harvesting rain water. Proponent informed that they had proposed RWH tanks of 290 cum capacity for runoff from rooftop and pond of 27.395 cum capacity for runoff from hardscape and landscape areas within the project area. With regard to the activities which will be carried out, Proponent informed that. Urban Fellowsihip Program (UFP), Master's in Urban Practice (MUP) Program. Bachelor's in Urban Practice (BUP) Program. Urban Practitioner's Program (UPP). Digital Blended Learning Program (DBL), Artisans workshop would be imparted.

Further the Committee informed the Proponent to use sustainable building materials in the proposed project and to construct lead of drains till the natural drains/water body, to which the Proponent agreed.

The Proponent agreed to grow 2750 trees in the project site area. 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 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 RWH tanks/sump of 290 cum & 27,395 cum capacity pond.
2. To grow trees during the construction phase itself.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.
5. Proponent agreed to construct road with drains in surrounding villages.

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

300.6 Expansion of Cyber Park at Doddathogur Village, Begur Hobli, Bangalore South Taluk, Bangalore Urban District by M/s. Cyber Park Development & Construction Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/430768/2023 (SEIAA 118 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. Venkata Ranjit Patibandla Chief Operating Officer M/s.Cyber Park Development & Construction Limited, Nos.76 & 77, Hosur road, Phase I. Electronic city, Bangalore -560100
2	Name & Location of the Project	"EXPANSION OF CYBER PARK" Plot Nos. 76, 77 and part 78 in Sy. Nos. 66 and 67(part) of Doddathogur Village, Begur Hobli, Bangalore South Taluk, Bangalore
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	IT Building Category 8(a) as per EIA Notification
b.	Residential Township/ Area Development Projects	Not Applicable
4	New/ Expansion/ Modification/ Renewal	Expansion

5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	18,050Sqm
7	Built Up area (Sqm)	Existing BUA – 67,938.66 Sqm. Proposed BUA – 1500 Sqm. Total BUA – 69,438.66 Sqm.
8	FAR • Permissible • Proposed	 1.75 1.58
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Existing commercial building: BlockA - 2B+GF+4UF+TF Block B – 2B+GF+6UF+TF Proposed commercial building: Block A - 2B+GF+4UF+canteen in the terrace floor Block B - 2B+GF+6UF+TF
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	-
11	Height Clearance	Project site elevation – 961 m Building Height – 24.5 m Maximum building height: 985.5 m
12	Project Cost (Rs. In Crores)	For the proposed expansion in the existing building – 4 crores
13	Disposal of Demolition waste and or Excavated earth	NA
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	8,087Sqm
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	4.548Sqm
d.	Paved area	3.610Sqm
e.	Others Specify	Open area – 1805 Sqm
f.	Parks and Open space in case of Residential Township/ Area Development Projects	--
g.	**Total**	18.050.00Sqm
15	**WATER CONSUMPTION**	
I.	Construction Phase	
a.	Source of water	STP treated water for construction purpose & Tanker water for domesticpurpose.
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	Will be treated in Mobile STP

		scheme of disposal of treated water		
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	114 KLD
			Recycled	86 KLD
			Total	200KLD
	b.	Source of water	KIADB	
	c.	Wastewater generation in KLD	170 KLD	
	d.	STP capacity	215 KLD(existing)	
	e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology	
	f.	Scheme of disposal of excess treated water if any	Available treated water – 162 KLD (95% of sewage water) For flushing – 86 KLD For gardening – 28 KLD For HVAC – 48 KLD	
16		Infrastructure for Rainwater harvesting		
	a.	Capacity of sump tank to store Roof run off	218 Cum	
	b.	Nos of Ground water recharge pits	20 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 – 10kg/day Solid waste will be generated and collected manually and handed over to local body for further processing	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity –393 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 8.5kg/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 – 588kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil of 2,864.52l/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 – 7500 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Commercial – 1500 kVA, 1750 kVA and 2200 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	Total savings of 12.23%
20		**PARKING**	
	a.	Parking Requirement as per norms	612 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Towards Bengaluru city Towards Hosur C
	c.	Internal Road width (RoW)	15.0m
21		CER Activities	1. Plantation around the Thirupalya lake area 2. Rejuvenation of Thirupalya lake by implementing stone pitching, cleaning and desilting
22		EMP • Construction phase • Operation Phase	 Construction phase – 25.75 lakhs Operational Phase – 2.75lakhs per year

The proposal is an IT/software building project. The Proponent informed that the existing building was constructed prior to EIA Notification 2006 and had obtained CFO from KSPCB on 31.12.2004 and submitted an architect certificate dated 05.07.2023 informing that existing building BUA is 67.938.66 Sqm and now it is proposed for vertical expansion with total BUA of 69.438.66Sqm.

The Committee during appraisal sought details regarding e-waste handling and provisions made for harvesting rain water. The Proponent informed the Committee that e-waste of 1.700 kg/year to be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors. For harvesting rain water, the Proponent submitted RWH tank of 218cum capacityfor runoff from roof top area and 20 number recharge pits for runoff from hardscape and landscape areas within the site area.

Further the Committee informed the Proponent to manage excess drainage water within the site area and to use sustainable building materials in the proposed project, for which the Proponent agreed.

The Proponent informed that they have made provisions to grow 250 trees and to provide charging facility for 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 for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.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 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 tank of 218cum and 20 recharge pits.
2. Proponent agreed to source external water from KGWA approved water tankers
3. To grow trees during the construction phase itself.

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

300.7 Limestone Mine (ML.NO.2195) at Hebbal Village, Mudhol Taluk, Bagalkot District (70.82 Ha) by Sri Subhaschandra Mahantappa Modi - Online Proposal No.SIA/KA/MIN/419233/2023 (SEIAA 136 MIN (VIOL) 2023)

About the project:

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Shri Subhaschandra Mahantappa Modi, Lokapur Village, Mudhol Taluk, Bagalkot District, Karnataka
2	Name & Location of the Project	Hebbal Limestone Mine, Sy. Nos.73-76, 79(P) & 80-85 of Hebbal Village, Mudhol Taluk, Bagalkot District
3	Co-ordinates	Latitude :16° 11' 12.45" N to 16° 11' 42.89" N Longitude:75° 20' 04.78" E to 75° 21' 06.68" E
4	Type of Mineral	Major Mineral Limestone
5	New /expansion/modification /renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
7	Area in Ha	70.82 Ha.
8	Annual production (metric ton /Cum) per annum	1.00 MTPA
9	Project Cost (Rs. In Crores)	1.255 lakhs
10	Proved quantity of mine/quarry-Cu.m/Tons	1,01,72,649 Tonnes
11	Permitted quantity per annum-Cu.m/Ton	10.00.000 tonnes
12	Approach Road	Approach road from mine head to SH-34 (Aurad to Ramnagar) is 0.80 km length and 6.0m width.
13	Five years plan period	

Year	Limestone (tonnes)	Intercalated Waste (tonnes)
2020-21	Lapse Period	
2021-22	100000	4211
2022-23	200000	8421
2023-24	600000	25263

		2024-25	1000000	42105
		Total	**1900000**	**80000**

14	Conceptual stage	**Particulars**	**Conceptual period (Ha.)**	**Means of Rehabilitation**
		Area for Mining	30.21	7.00 Ha. – Top bench plantation 23.31 Ha. -- Water recharging pit.
		Area for Storage of Top Soil	1.00	Plantation
		Area for waste dump	5.50	Plantation
		Area for mineral stock	1.00	Plantation
		Statutory Buildings crushing and screening plant	0.46	Plantation
		Roads	0.03	Plantation
		7.5m safety barrier/green belt	3.75	Plantation
		Area for future use/others	28.87	Undisturbed
		Total	**70.82**	

15	CER Activities:	**Corporate Environmental Responsibility (CER)**		
		Providing & construction of Welfare Amenities in and around Villages i.e. Hebbal, Naganapur&Choudapur, like construction of Toilets & Water Tankers, etc.		
		Maintenance of Village Roads etc., near by Villages i.e. Hebbal, Naganapur&Choudapur.		
		Total		
16	EMP Budget	**Description of Work**	**Capital cost (in Rs.)**	**Annual Recurring cost (in Rs.)**
		Occupational Health & Safety	2,00,000	50.000
		Air Pollution Control : Gunny bags/ cloth for covering drill rods, Water sprinkling haul roads, water tanker	16,11,000	2.50.000
		Water Pollution Control: Constructing garland drains, Toe wall, settling tank, bund formation	1,89,000	50.000
		Greenbelt Development	3,51,000	1.00.000
		Environment Monitoring	1,00,000	25.000
		Safety Fencing	1,12.000	25.000
		Total	**25,63,000**	**5,00,000**
17	Forest NOC	29.05.2023		
18	CCR	NA		
19	Earlier E.C by MoEF&CC& Date	—		
20	CFO	CFO under water and air Act has been obtained from KSPCB, on 27.04.2006, valid upto 30.06.2007.		

21	Forest Clearance Date	NA
22	IBM Approval Date	22.04.2021
23	R&R Plan Date	NA

The Committee initially sought clarification for the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposal is applied in violation category and is for renewal for which earlier lease was granted on 27.04.1995 with ML No. 2195 for 20 years and the lease was non-operational from 2006-07 till date and justified the same as per the audit report issued by DMG dated 16.06.2023. For the proposed project ToR was issued in violation category by MoEF&CC dated 19.07.2019 and Proponent has submitted EIA along with the penalty calculations as per the MoEF&CC, O.M dated 07.07.2021.

The Proponent submitted details as per MoEF&CC, O.M dated 07.07.2021 as below,

A. Details of Damage Assessment

1. Total Damage Assessment Cost Details

The total damage caused due to violation considering the different environmental attribute affected due to mining operation carried out without prior environmental clearance is:

Total Cost of Damage of the Project in Violation Period

S.no	Description	Cost INR
1	Air Environment	77,268
2	Water Environment	2,21,653
3	Land Environment	1,30,500
4	Solid Waste Management	1,417
5	Noise Environment	20,000
6	Ecology & Biodiversity	2,61,500
	Total	**15,81,838**

2. Remedial Plan

S.No	Description	Estimated Cost in Lakhs
1	Ecological Damage due to Mining Activity & Remediation Plan	10.00
2	Natural Resource Augmentation Plan	6.00
3	Community Resource Augmentation Plan	3.00
	Total	**19.00**

Cost of Remediation Plan: Rs. 19,00,000/-

BG for Rs.19.00 lakhs needs to be submitted by Proponent to the KSPCB. Bangalore. before grant of Environmental Clearance.

3. Community Augmentation plan

S.No	Activity Proposed	Quantity	Unit Rate	Total Amount
1	Providing Colour coded bins in schools. community centers primary health center etc.	100	500	50,000
2	Distribution of solid waste collection bins and	3	50,000	1,50,000

	construction of compost pits in nearby villages			
3	Funds and kits supply for nearby high schools to encourage sports	Lumpsum	1,00,000	1,00,000
			Total	**3,00,000***

B. Penalty Calculations.

Project cost in Rs.	**Total production during violation period as reported by mining department**	**Cost of the mineral as reported by the mining department**	**Turnover during violation period in Rs.**	**1% of project cost in Rs.**	**0.25% of turn over during violation period in Rs.**	**Total penalty amount to be levied as per OM 07.07.2021 in Rs.**
1255 lakhs	1,33,949 tones	Rs.65/-	1,33,949 x Rs.65/- = Rs.87,06,685/-	12,55,00,000 x 1% = 12,55,000/-	87,06,685 x 0.25% = 21,767/-	12,76,767/-

The Committee accepted the above details as per MoEF&CC OM dated: 07.07.2021 and appraised the project.

There is an existing cart track road to a length of 800 meters connecting lease area to the all-weather black topped road and the Committee informed that mining needs to be commenced after concreting the approach road to the lease area as per IRC standard norms and should grow trees all along the approach road in 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 1,01,72,649 tons (including waste) and estimated the life of mine to be 10 years.

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

1. Proponent agreed to concrete the approach road to the lease area as per norms
2. To grow trees all along the approach road during the first year of operation.
3. Proponent agreed to comply with the request of public, expressed during public hearing.
4. To follow Labour laws and Mines Act in the proposed project.

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

300.8 Building Stone Quarry Project at Hosuru village in Brahmavara Taluk, Udupi District (1-00 Acre) by Sri Sijo Jacob - Online Proposal No.SIA/KA/MIN/432654/2023 (SEIAA 259 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Sijo Jacob
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.224/3 of Hosuru village in Brahmavara Taluk, Udupi District (1-00 Acre)
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	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	3,061 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	1,05,200 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,000 Tones / Annum (excluding waste)
11	**CER Activities:** To grow 100 No. of additional plantation on either side of the approach road from quarry location to Hosuru Village Road and provide infrastructure facilities to Govt. School	
12	EMP Budget	Rs. 6.90 lakhs (Capital Cost) & Rs. 1.94 lakhs (Recurring cost)
13	Forest NOC	08.06.2017
14	Quarry plan	24.06.2022 (manual)
15	Cluster Certificate	02.09.2022
16	Revenue	17.08.2021
17	Notification	10.03.2022

Latitude	Longitude
N13°25'21.00"	E 74°52'19.10"
N13°25'20.20"	E 74°52'20.77"
N13°25'18.35"	E 74°52'19.11"
N13°25'19.32"	E 74°52'17.52"

As per the cluster sketch there is no lease within 500 mtr from the said lease and total area of the applied lease is 1-00 Acre and hence the project is categorized as B2.

There is an existing cart track road to a length of 300 meters connecting lease area to the all-weather black topped road. The Committee informed that the production should be commenced after strengthening the approach road to the quarry and road connecting the crusher as per 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 1,05,200 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 3,061 tones/Annum (including waste), with following consideration,

1. Proponent agreed to strengthen the approach road to the quarry & road connecting the crusher as per standard norms.
2. To grow trees all along the approach road during the first year of operation.

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

300.9 Building Stone Quarry Project at Muntakadirenahalli Village, Chintamani Taluk, Chikkaballapura District (4-10 Acres) by Sri M. S. Pradeep - Online Proposal No.SIA/KA/MIN/430241/2023 (SEIAA 260 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri M. S. Pradeep
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.20 (P) of Muntakadirenahalli Village. Chintamani Taluk, Chikkaballapura District (4-10 Acres)

Latitude	Longitude
N 13° 26' 17.4"	E 78° 02' 37.2"
N 13° 26' 16.6"	E 78° 02' 41.6"
N 13° 26' 14.2"	E 78° 02' 41.5"
N 13° 26' 14.4"	E 78° 02' 39.7"
N 13° 26' 11.3"	E 78° 02' 39.3"
N 13° 26' 11.5"	E 78° 02' 38.3"
N 13° 26' 14.5"	E 78° 02' 36.6"

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	4-10 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1.69.306 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	10,78,746 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,65,920Tones / Annum (excluding waste)
11	CER Activities: To grow 500 No. of additional plantation on either side of the approach road from quarry location to Muntakadirenahalli Village Road and to provide toilet facilities to Govt. school.	
12	EMP Budget	Rs. 17.45 lakhs (Capital Cost) & Rs. 6.29 lakhs (Recurring cost)
13	Forest NOC	11.03.2019
14	Quarry plan	06.06.2019
15	Cluster Certificate	29.05.2023
16	Revenue	23.02.2019
17	Notification	30.03.2019

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 project area is Govt. Revenue 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 Proponent submitted combined village map as per which it was informed that there were no waterbodies or drains adjacent to the proposed project area.

As per the cluster sketch there is one lease in a radius of 500mtrs from the applied lease and the total area of the leases including the applied lease is 8-10Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 250 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 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 10.78,746 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 1,69,306 /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.

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

300.10 Pink Granite Quarry Project at Hunnur Village, Lingasuguru Taluk, Raichur District (2-00 Acres) by Sri Sunil Chavan - Online Proposal No.SIA/KA/MIN/433215/2023 (SEIAA 255 MIN 2023)

About the project:

<table>
<tr><th>Sl.No.</th><th>PARTICULARS</th><th>INFORMATION PROVIDED BY PP</th></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri Sunil Chavan</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Pink Granite Quarry Project at Sy. No. 54/*/1 of Hunnur Village, Lingasuguru Taluk, Raichur District (2-00 Acres)
<table>
<tr><th>Latitude</th><th>Longitude</th></tr>
<tr><td>N 15° 57' 08.800"</td><td>E 76° 20' 52.954"</td></tr>
<tr><td>N 15° 57' 09.105"</td><td>E 76° 20' 55.058"</td></tr>
<tr><td>N 15° 57' 08.870"</td><td>E 76° 20' 55.787"</td></tr>
<tr><td>N 15° 57' 05.425"</td><td>E 76° 20' 56.089"</td></tr>
<tr><td>N 15° 57' 05.432"</td><td>E 76° 20' 53.929"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Pink Granite Quarry</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]</td><td>Patta</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>2-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>2.467 Cum/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.17 Crores (Rs. 117 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry-Cu.m / Ton</td><td>1,60,804.70Cum (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>740Cum/ Annum (recovery)</td></tr>
<tr><td>11</td><td>CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Providing solar power panels to GLPS school at Hunnur Village</td></tr>
<tr><td>2nd</td><td>The proponent proposes to distribute nursery plants at Hunnur Village & Strengthening of approach road</td></tr>
<tr><td>3rd</td><td>Rain water harvesting pits in GLPS school at Hunnur Village</td></tr>
<tr><td>4th</td><td>Avenue plantation either side of the approach road near Quarry site & Repair o road With drainages</td></tr>
<tr><td>5th</td><td>Health camp in GLPS school at Hunnur Village</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 21.80 lakhs (Capital Cost) & Rs. 8.06 lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>29.10.2021</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>05.06.2023</td></tr>
<tr><td>15</td><td>Cluster Certificate</td><td>05.06.2023</td></tr>
<tr><td>16</td><td>Revenue</td><td>22.06.2022</td></tr>
<tr><td>17</td><td>DTF</td><td>05.11.2022</td></tr>
<tr><td>18</td><td>Notification</td><td>17.05.2023</td></tr>
</table>

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 top soil has been removed to know the granite deposit and no mining has been carried out and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there is one lease in a radius of 500 mtrs from the applied lease and the total area of the leases including the applied lease is 10-19 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 220 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 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 1,60,804.7 cum (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 2,467cum/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 handle the waste generated by obtaining necessary permission.

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

300.11 Shahabad Stone (Cherty Limestone) Quarry Project at Bhankur Village, Chittapur Taluk & Kalaburagi District (1-00 Acre) by Sri Rajgopal - Online Proposal No.SIA/KA/MIN/432463/2023 (SEIAA 268 MIN 2023)

About the project:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Rajgopal
2	Name & Location of the Project	Shahabad Stone (Cherty Limestone) Quarry Project at Sy.No. 225/5 of Bhankur Village, Chittapur Taluk & Kalaburagi District (1-00 Acre)

		Latitude	Longitude
		N 17° 07' 28.2"	E 76° 57' 07.3"
		N 17° 07' 31.2"	E 76° 57' 06.0"
		N 17° 07' 33.2"	E 76° 57' 05.4"
		N 17° 07' 33.4"	E 76° 57' 05.5"
		N 17° 07' 28.4"	E 76° 57' 07.7"
3	Type Of Mineral	Shahabad Stone (Cherty Limestone) Quarry	
4	New / Expansion / Modification / Renewal	New	
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	2,255 Cum/ Annum (including waste)	
8	Project Cost (Rs. In Crores)	Rs. 0.15 Crores (Rs. 15 Lakhs)	
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	26,300 Cum (including waste)	
10	Permitted Quantity Per Annum - Cu.m / Ton	2,255 Cum/ Annum (recovery)	
11	CER Activities: Propose to carry out Roof Top Rain Water Harvesting system with ground water recharging facility, at the Govt. School, in the nearby Bhankur Village		
12	EMP Budget	Rs. 6.45 Lakhs (Capital Cost) & Rs. 2.41Lakhs (Recurring cost)	
13	Forest NOC	20.02.2018	
14	Quarry plan	25.09.2018	
15	Cluster Certificate	24.04.2023	
16	Revenue	25.05.2018	
17	Notification	31.07.2018	

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 top soil has been removed to know the mineral deposit and no mining has been carried out and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there are eight leases in a radius of 500 mtrs from the applied lease and 5 leases with area of 9-01 Acres area are only notified areas and the total area of other leases including 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 110 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 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 26,300 cum (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 2,255 cum/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 handle the waste generated by obtaining necessary permission.

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

300.12 Building Stone Quarry Project at Hulihyder Village, Kanakagiri Taluk, Koppal District (5-32 Acres) by Sri Narasimha Nayak - Online Proposal No.SIA/KA/MIN/412429/2023 (SEIAA 270 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Narasimha Nayak
2	Name & Location of the Project	Building Stone Quarry Project at Sy. Nos. 131/2, 132/1 & 132/4 of Hulihyder Village, Kanakagiri Taluk, Koppal District (5-32 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	5-32 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	81.633 Tones/ Annum (including waste)

Latitude	Longitude
N 15° 39' 29.4021"	E 76° 24' 05.7014"
N 15° 39' 29.0524"	E 76° 24' 10.4031"
N 15° 39' 29.7418"	E 76° 24' 10.0310"
N 15° 39' 25.9650"	E 76° 24' 09.3897"
N 15° 39' 21.4035"	E 76° 24' 08.1396"
N 15° 39' 22.2016"	E 76° 24' 05.9426"
N 15° 39' 22.3258"	E 76° 24' 05.3568"
N 15° 39' 27.0213"	E 76° 24' 06.8334"
N 15° 39' 27.6529"	E 76° 24' 05.4338"

8	Project Cost (Rs. In Crores)	Rs. 0.60 Crores (Rs. 60 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	13,83,932 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	80,000Tones / Annum (excluding waste)
11	CER Activities: To provide infrastructure facilities to nearby Govt. schools.	

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

12	EMP Budget	Rs. 7.70 lakhs (Capital Cost) & Rs. 7.64 lakhs (Recurring cost)
13	Forest NOC	14.06.2022
14	Quarry plan	12.04.2023
15	Cluster Certificate	13.04.2023
16	Revenue	03.06.2022
17	Notification	13.04.2023

As per the cluster sketch there is no lease within 500mtr from the said lease and total area of the applied lease is 5-32 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 800 meters connecting lease area to the all-weather black topped road. The Committee informed that the production should be commenced after strengthening the approach road to the quarry and road connecting the crusher as per 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 13,83.932 tones (including waste) and estimated the life of mine to be17 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 81.633tones/Annum (including waste), with following consideration.

1. Proponent agreed to strengthen the approach road to the quarry & road connecting crusher as per standard norms.
2. To grow trees all along the approach road during the first year of operation.

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

300.13 Enhancement of Grey Granite Quarry Project at Gollahalli Village & Guvvalakanahalli Village in Chikkaballapura Taluk & District (3-00 Acres) by Sri H V Chikkagariga Reddy - Online Proposal No.SIA/KA/MIN/424257/2023 (SEIAA 274 MIN 2023)

About the project:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri H V Chikkagariga Reddy
2	Name & Location of the Project	Enhancement of Grey Granite Quarry Project at Sy. No.116 of Gollahalli Village & Sy.No.145 of Guvvalakanahalli Village in Chikkaballapura Taluk & District (3-00 Acres)
3	Type Of Mineral	Grey Granite Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	3-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	33,500 Cum/ 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	3,34,970 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	13,400Cum/ Annum (recovery)
11	CER Activities: To grow 300 No. of additional plantation on either side of the approach road from quarry location to Guvvalakanahalli Village Road	
12	EMP Budget	Rs. 9.60 Lakhs (Capital Cost) & Rs. 4.48 lakhs (Recurring cost)
13	Quarry plan	07.03.2023
14	Cluster Certificate	14.03.2021
15	CCR- M.S.KSPCB	15.06.2023
16	Audit Report	02.06.2023

Latitude	Longitude
N 13°30'24.9"	E 77° 44' 46.0"
N 13°30'23.6"	E 77° 44' 42.2"
N 13°30'20.4"	E 77° 44' 43.2"
N 13°30'21.7"	E 77° 44' 46.9"

The proposal is for expansion of grey granite quarry, for which EC was issued earlier by SEIAA on 20.03.2021 and lease is in effect from 01.04.2002 with QL no. 63. The Proponent submitted audit report till 2022-23 certified by DMG dated 02.06.2023 and CCR from KSPCB dated 15.06.2023.

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 the proposed expansion in quantity 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 3,34,970 cum (including waste) and estimated the life of mine to be 10 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 33,500 cum/ 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. To comply with the observation of KSPCB in CCR.
4. Proponent agreed to handle the waste generated by obtaining necessary permission.

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

300.14 Ornamental Stone (Green Granite) Quarry Project at Markuli Village, Hassan Taluk & District (1-10 Acres) by Sri H.S. Abdul Hafeez Sayeed - Online Proposal No.SIA/KA/MIN/422465/2023 (SEIAA 160 MIN 2023)

About the project:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri H.S. Abdul Hafeez Sayeed
2	Name & Location of the Project	Ornamental Stone (Green Granite) Quarry Project at Sy. No.329/7 of Markuli Village, Hassan Taluk & District (1-10 Acres) Latitude / Longitude N 12° 55' 55.1" / E 76° 11' 43.3" N 12° 55' 55.1" / E 76° 11' 40.3" N 12° 55' 57.1" / E 76° 11' 40.3" N 12° 55' 57.0" / E 76° 11' 43.3"
3	Type Of Mineral	Ornamental Stone (Green Granite) Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest. Government Revenue. Gomal. Private / Patta, Other]	Patta
6	Area in Acres	1-10 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	4.800 Cum/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.22 Crores (Rs. 22 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	40.000 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1.440Cum/ Annum (recovery)

11	CER Activities: To grow 150 No. of additional plantation on either side of the approach road from quarry location to Markuli Village Road	
12	EMP Budget	Rs. 9.22 Lakhs (Capital Cost) & Rs. 3.25 lakhs (Recurring cost)
13	Forest NOC	13.10.2022
14	Quarry plan	09.02.2023
15	Cluster Certificate	10.02.2023
16	Revenue	05.10.2006
17	Audit Report	09.09.2022
18	Notification	17.10.2006

The Committee initially sought clarification for the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposal is for renewal and had earlier worked with working permission issued from DMG dated 17.10.2006 and the lease is non-operational since 2013-14 till date and justified the same as per the audit report issued by DMG.

For 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 damages 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 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, in this case.

There is an existing cart track road to a length of 240 meters connecting lease area to the all-weather black topped road and the Committee informed that the quarrying needs to be commenced after asphalting the approach road to the quarry as per IRC 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 40,000 cum (including waste) and estimated the life of mine to be 8 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 4,800 cum/ Annum (including waste), with following consideration,

1. Proponent agreed to strengthen the approach road to the quarry as per norms
2. To grow trees all along the approach road during the first year of operation.

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

300.15 Sand Quarrying Block" of Haladi River Bed Sand Quarry Project at Halnadu Village, KundapuraTaluk, Udupi District (7-00 Acres (2.832 Ha)) by Executive Engineer - Online Proposal No.SIA/KA/MIN/422968/2023 (SEIAA 174 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 Haladi River Bed Sand Quarry Project at In Adjacent to Sy. Nos.10/1A1 & 56 of Halnadu Village, Kundapura Taluk, Udupi District (7-00 Acres (2.832 Ha))
	Co-Ordinates	Latitude / Longitude N 13°37'39.50" E 74°46'21.30" N 13°37'38.90" E 74°46'24.47" N 13°37'37.86" E 74°46'23.41" N 13°37'34.33" E 74°46'23.37" N 13°37'33.70" E 74°46'22.70" N 13°37'31.42" E 74°46'22.97" N 13°37'31.00" E 74°46'22.74" N 13°37'29.03" E 74°46'22.67" N 13°37'28.03" E 74°46'21.34" N 13°37'30.61" E 74°46'19.46" N 13°37'31.82" E 74°46'20.70" N 13°37'37.38" E 74°46'20.63" N 13°37'38.58" E 74°46'21.64" N 13°37'40.18" E 74°46'21.64" N 13°37'40.28" E 74°46'22.43" N 13°37'41.68" E 74°46'21.90" N 13°37'41.76" E 74°46'22.10" N 13°37'39.79" E 74°46'24.86"
3	Type Of Mineral	Sand Mining
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	7.00 Acres (2.832 Ha)
7	Annual Production (Metric Ton / Cum) Per Annum	48,725 Tones/annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.15 Crores (Rs. 115 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,46,177 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	48,725 Tones/annum (including waste)

11	CER Activities:	

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

12	EMP Budget	Rs. 9.20 Lakhs (Capital Cost) and Rs. 6.06 Lakhs (Recurring cost)
13	Forest NOC	24.03.2023
14	Cluster certificate	16.03.2023
15	Revenue NOC	19.06.2023
16	DTF	09.11.2022
17	App. Quarry Plan	17.03.2023 (Manual)
18	Notification	27.12.2022
19	DTF	09.11.2022
20	Irrigation NoC	15.04.2022
21	Depth as per JIR	3 Mtrs.

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 7-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 190 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 recent google earth images showing 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 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 1,46,177 tonns per year (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 48,725 tons per year (including waste)after due replenishment every year, 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
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.

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

300.16 Building Stone Quarry Project at Halepalya village, Malur Taluk, Kolar District (3-00 Acres) by Sri C. Manjunath - Online Proposal No.SIA/KA/MIN/433358/2023 (SEIAA 266 MIN 2023)

About the project:

<table>
<tr><th>Sl.No</th><th>PARTICULARS</th><th>INFORMATION PROVIDED BY PP</th></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri C. Manjunath</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 93 of Halepalya village, Malur Taluk, Kolar District (3-00 Acres)
<table>
<tr><th>Latitude</th><th>Longitude</th></tr>
<tr><td>N 13°0'34.546"</td><td>E 78°6'11.5641"</td></tr>
<tr><td>N 13°0'35.918"</td><td>E 78°6'14.9846"</td></tr>
<tr><td>N 13°0'32.729"</td><td>E 78°6'16.4475"</td></tr>
<tr><td>N 13°0'31.2979"</td><td>E 78°6'13.0538"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone Quarry</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]</td><td>Government</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>3-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>65.947 Tones/ Annum (including waste)</td></tr>
</table>

8	Project Cost (Rs. In Crores)	Rs. 0.20 Crores (Rs. 20 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	13,66,561 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	59,352Tones / Annum (excluding waste)
11	CER Activities: To grow 300trees on both sides ofapproach road during the first year of operation of the quarry	
12	EMP Budget	Rs. 7.80Lakhs (Capital Cost) & Rs. 2.52Lakhs (Recurring cost)
13	Forest NOC	23.01.2012
14	Quarry plan	08.06.2023
15	Cluster Certificate	08.06.2023
16	Revenue	23.01.2019
17	Notification	06.06.2023

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 the proposed project area is Govt. Gomal landand upper surface is excavated by local people till date and no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there is no lease within 500mtr from the said lease and total area of the applied lease is 3-00Acres and hence the project is categorized as B2.

The Committee initially sought clarification for proposed method of mining, for which the Proponent informed that the they had proposed manual method of mining. The Committee after noting the proposed production of 65.947 Tones/ Annum, informed the Proponent to revise the production for feasible quantity for manual production. The Committee after discussion decided to defer the appraisal.

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

300.17 Expansion of Building Stone Quarry Project at Tenkabylu Village, Hosanagara Taluk, Shivamogga District (1-00 Acre) (vide QL No.782/2017-18) by Sri Umesh H.L. - Online Proposal No.SIA/KA/MIN/415594/2023 (SEIAA 55 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Umesh H.L.
2	Name & Location of the Project	Expansion of Building Stone Quarry Project at Sy.No. 09(P) of Tenkabylu Village. Hosanagara Taluk. Shivamogga District (1-00 Acre) (vide QL No.782/2017-18)

Latitude	Longitude
N13°53'53.13"	E 75°02'05.72"
N13°53'55.63"	E 75°02'04.75"
N13°53'55.93"	E 75°02'06.51"
N13°53'53.38"	E 75°02'07.43"

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	46,025 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	2,30,128 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	45,105Tones / Annum (excluding waste)
11	CER Activities: To grow 200 No. of additional plantation on either side of the approach road from quarry location to Tenkabylu Village Road	
12	EMP Budget	Rs. 12.25 lakhs (Capital Cost) & Rs. 3.99 lakhs (Recurring cost)
13	Forest NOC	28.07.2016
14	Quarry plan	18.11.2022
15	Cluster Certificate	15.12.2022
16	Revenue	16.06.2016
17	Notification	30.03.2017
18	CCR from M.S. KSPCB	15.06.2023
19	Audit Report	22.05.2023

The proposal is for expansion of building stone quarry, for which EC was issued earlier by DEIAA on 18.05.2017 and lease was granted on 13.06.2017 with QL no. 782. The Proponent submitted audit report till 2022-23 certified by DMG dated 22.05.2023 and CCR from KSPCB dated 15.06.2023.

As per the cluster sketch there are two leases in a radius of 500 mtr from the said lease and the total area of the leases including the present lease is 3-00 Acre and hence the project is categorized as B2.

There is an existing cart track road to a length of 570 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed expansion in quantity should be commenced after strengthening the approach road to the quarry and the road connecting to the 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 to 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 2,30,128 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 46,025 tons/ Annum (including waste), with following consideration,

1. Proponent agreed to strengthen the approach road to the quarry as per norms before commencing expansion in quantity
2. To grow trees all along the approach road and towards habitation during the first year of operation.
3. To comply with the observation of KSPCB in CCR.

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

300.18 Building Stone Quarry Project at Gabbadi Village, Kanakapura Taluk, Ramanagara District (2-30 Acres) by Sri N. Srikanta - Online Proposal No.SIA/KA/MIN/425796/2023 (SEIAA 191 MIN 2023)

About the project:

<table>
<tr><td>Sl.No</td><td>PARTICULARS</td><td>INFORMATION PROVIDED BY PP</td></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri N. Srikanta</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. No. 91 of Gabbadi Village. Kanakapura Taluk. Ramanagara District (2-30 Acres)
<table><tr><th>Latitude</th><th>Longitude</th></tr><tr><td>N 77° 30.158"</td><td>E 12° 42.462"</td></tr><tr><td>N 77° 30.115"</td><td>E 12° 42.329"</td></tr><tr><td>N 77° 30.087"</td><td>E 12° 42.332"</td></tr><tr><td>N 77° 30.100"</td><td>E 12° 42.396"</td></tr><tr><td>N 77° 30.125"</td><td>E 12° 42.408"</td></tr><tr><td>N 77° 30.147"</td><td>E 12° 42.467"</td></tr></table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone Quarry</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td>Renewal</td></tr>
<tr><td>5</td><td>Type of Land [Forest. Government Revenue. Gomal, Private / Patta, Other]</td><td>Government</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>2-30 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>15.306 Tones/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 0.25 Crores (Rs. 25 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry-Cu.m / Ton</td><td>3.49.655 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>15.306 Tones / Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities: To grow 300 No. of additional plantation on either side of the approach road from quarry location to Gabbadi Village Road</td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 10.05Lakhs (Capital Cost) & Rs. 3.47Lakhs (Recurring cost)</td></tr>
</table>

13	Forest NOC	03.07.2017
14	Quarry plan	18.11.2022
15	Cluster Certificate	18.11.2022
16	Audit Report	29.03.2023
17	Notification (Deemed Extent)	02.07.2022

The Committee initially sought clarification for the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposal is for renewal, for which the lease was granted earlier on 17.02.2005 with QL No. 1151 f and the lease was non-operational since 2015-16 till date and justified the same as per the audit report issued by DMG dated 29.03.2023.

For 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 29.12.2014 till date and no environmental damages has been caused and requested the Committee not to consider the proposal under violation category.

The Committee after discussion informed the Proponent to get clarification from DMG regarding the date of stoppage of mining activity in order to comply with the cut off dates issued by SEIAA for categorization of proposals. Hence the Committee decided to defer the appraisal.

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

300.19 Building Stone Quarry Project at Gubbadi village, Kanakapura Taluk & Ramanagara District (1-20 Acres) (QL.NO. 951) by Sri N. Ramesh - Online Proposal No.SIA/KA/MIN/425882/2023 (SEIAA 193 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri N. Ramesh
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 91 of Gubbadi village, Kanakapura Taluk & Ramanagara District (1-20 Acres) (QL.NO. 951)
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	1-20 Acres

Latitude	Longitude
N 77° 30.162'	E 12° 42.661'
N 77° 30.129'	E 12° 42.614'
N 77° 30.101'	E 12° 42.630'
N 77° 30.134'	E 12° 42.676'

7	Annual Production (Metric Ton / Cum) Per Annum	8,163 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	2,00,523 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	8,163 Tones / Annum (excluding waste)
11	CER Activities: To grow 100 No. of additional plantation on either side of the approach road from quarry location to Gabbadi Village Road	
12	EMP Budget	Rs. 7.40 lakhs (Capital Cost) & Rs. 2.20 lakhs (Recurring cost)
13	Forest NOC	03.07.2017
14	Quarry plan	18.11.2022
15	Cluster Certificate	18.11.2022
16	Revenue	06.07.2010
17	Audit Report	29.03.2023

The Committee initially sought clarification for the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposal is for renewal for which earlier lease was granted on 20.01.2004 with QL No. 1132 f and the lease was non-operational since 2015-16 till date and justified the same as per the audit report issued by DMG dated 29.03.2023.

For 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 27.11.2014 till date and no environmental damages has been caused and requested the Committee not to consider the proposal under violation category.

The Committee after discussion informed the Proponent to get clarification from DMG regarding the date of stoppage of mining activity in order to comply with the cut off dates issued by SEIAA for categorization of proposals. Hence the Committee decided to defer the appraisal.

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

300.20 Ornamental Stone (Pink Granite) Quarry Project at Kadur Village, Kustagi Taluk, Koppala District (15-16 Acres) by M/s. R.S. Granites - Online Proposal No.SIA/KA/MIN/421088/2023 (SEIAA 217 MIN 2021)

About the project:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	M/s. R.S. Granites
2	Name & Location of the Project	Ornamental Stone (Pink Granite) Quarry Project at Sy.Nos.51/1/2, 51/1/3, 51/1/5, 51/1/6, 51/2/1, 51/2/2, 51/2/3 & 51/2/4 of Kadur Village, Kustagi Taluk, Koppala District (15-16 Acres)

		Latitude	Longitude
		N 15°59' 28.9"	E 76° 00' 25.9"
		N 15° 59' 22.4"	E 76° 00' 25.9"
		N 15° 59' 23.2"	E 76° 00' 36.7"
		N 15° 59' 25.9"	E 76° 00' 36.0"
		N 15° 59' 25.8"	E 76° 00' 35.7"
		N 15° 59' 28.9"	E 76° 00' 35.2"
		N 15° 59' 28.7"	E 76° 00' 34.8"
		N 15° 59' 30.2"	E 76° 00'34.5"
		N 15° 59' 30.0"	E 76° 00' 33.5"
		N 15° 59' 30.3"	E 76° 00' 33.5"
3	Type Of Mineral	Ornamental Stone (Pink Granite) Quarry	
4	New / Expansion / Modification / Renewal	New	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta	
6	Area in Acres	15-16 Acres	
7	Annual Production (Metric Ton / Cum) Per Annum	29,970Cum/ Annum (including waste)	
8	Project Cost (Rs. In Crores)	Rs. 0.95 Crores (Rs. 95 Lakhs)	
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,50,390Cum (including waste)	
10	Permitted Quantity Per Annum - Cu.m / Ton	8,991Cum/ Annum (recovery)	
11	CER Activities: To take-up sanitation work and solid wastemanagement for the village Kadur and to adopt nearby Govt. School.		
12	EMP Budget	Rs. 14.10 Lakhs (Capital Cost) & Rs. 8.00Lakhs (Recurring cost)	
13	Forest NOC	06.01.2015	
14	Quarry plan	19.01.2021	
15	Cluster Certificate	10.03.2021	
16	Revenue	02.08.2018	
17	C & I Notification	02.07.2020	
18	PH	28.06.2022	

The proposal was considered earlier in 298th SEAC meeting and as the Proponent remained absent, the Committee had deferred the project appraisal.

In the present meeting, 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 top soil has been removed to know the granite deposit and no mining was carried out and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

The proposal is for pink granite quarry for which SEIAA had issued ToR on 29.09.2021 and public hearing was conducted on 28.06.2022, where opinions/requests of two people have been recorded in public hearing report.

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 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 1,50,390 cum (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 29,970 cum/year (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 comply with the request of public, expressed during public hearing.
4. Proponent agreed to handle the waste generated by obtaining necessary permission.

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

300.21 ToR: Grey Granite Quarry Project at Part of Sy.No's.25/*/1, 25/*/2, 25/*/3, 26/*/1, 26/*/2, 26/*/3 & 26/*/4 in Gowral Village, Kuknoor Taluk, Koppal District (23-15 Acres) by M/s. S. V. Granites - Online Proposal No.SIA/KA/MIN/434088/2023 (SEIAA 288 MIN 2023)

The proposal is for Grey Granite quarry in lease area of 23-15 Acres. As the area considered for cluster is more than the threshold limit of 5 Ha. the project is categorized as B1. The Proponent had obtained notification on 25.01.2023 and approved mining plan on 16.05.2023.

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 of cluster with wind rose diagram should be submitted in detail.
2. Traffic studies.
3. Quarry waste handling with approvals.
4. Dust mitigation methods considering nearby habitation
5. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
6. Improvements to the approach road as per IRC (Indian Road Congress) standard norms.
7. Site specific CER and afforestation details (compensatory plantation).

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

300.22 **ToR: Building Stone Quarry Project at Sy.Nos. 350/1, 350/2 & 350/3 of Thavaragere Village, Kustagi Taluk, Koppal District (12-10 Acres) by Sri Sachin S/o Doddabasan Gouda - Online Proposal No.SIA/KA/MIN/434412/2023 (SEIAA 289 MIN 2023)**

The proposal is for building stone quarry in lease area of 12-10 Acres and total area considered in cluster is 24-10 Acres. As the area considered for cluster is more than the threshold limit of 5 Ha, the project is categorized as B1. The Proponent had obtained notification on 13.04.2023 and approved mining plan on 24.02.2023.

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 of cluster with wind rose diagram should be submitted in detail.
2. Traffic studies.
3. Dust mitigation methods considering nearby habitation
4. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
5. Improvements to the approach road as per IRC (Indian Road Congress) standard norms.
6. Site specific CER and afforestation details (compensatory plantation).

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

300.23 ToR: Ordinary Sand Quarry Project at Sy.Nos. 26/1, 26/2, 26/2/7, 26/2/8 & 26/2/9 of Holemannur Village, Ron Taluk, Gadag District (6-30 Acres) by Sri Prabhugouda H Talegoudar - Online Proposal No.SIA/KA/MIN/434683/2023 (SEIAA 290 MIN 2023)

The proposal is for ordinary sand quarry in patta land in lease area of 6-30 Acres and total area considered in cluster is 38-05 Acres. As the area considered for cluster is more than the threshold limit of 5 Ha, the project is categorized as B1. The proposal was recommended by DTF on 24.02.2023 and DMG had approved mining plan on 06.06.2023.

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 of cluster with wind rose diagram should be submitted in detail.
2. Traffic studies.
3. Dust mitigation methods considering nearby habitation
4. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
5. Improvements to the approach road as per IRC (Indian Road Congress) standard norms.
6. Site specific CER and afforestation details (compensatory plantation).

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

300.24 ToR: Building Stone Quarry Project at Sy. No. 52/5 of Chanadanamatti Village, Dharwad Taluk, Dharwad District (1-00 Acre) by Smt. Sneha D Pawar - Online Proposal No.SIA/KA/MIN/435301/2023 (SEIAA 291 MIN 2023)

The proposal is for building stone quarry in lease area of 1-00 Acre and total area considered in cluster is 16.74 Acres. As the area considered for cluster is more than the threshold limit of 5 Ha, the project is categorized as B1. The Proponent had obtained notification on 09.06.2023 and approved mining plan on 26.06.2023.

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 of cluster with wind rose diagram should be submitted in detail.
2. Traffic studies.
3. Dust mitigation methods considering nearby habitation
4. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
5. Improvements to the approach road as per IRC (Indian Road Congress) standard norms.
6. Site specific CER and afforestation details (compensatory plantation).

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

300.25 Ornamental Stone (Black Granite) Quarry in 6-00 Acres of Patta Land bearing Sy. No.91(P) of Hosakote village in Sakleshpur Taluk, Hassan District by M/s. Rodic Coffee Estates Pvt. Ltd. - Online Proposal No.SIA/KA/MIN/414930/2023 (SEIAA 35 MIN 2023)

The proposal was considered earlier in 294th SEAC meeting and the Committee had deliberated the following.

"The proposal was earlier considered in 291st SEAC meeting and the Committee had deferred the project considering the project location as per KML with thick vegetation in and around the applied project area. The Committee after discussion had decided to obtain details of the vegetation and environmental sensitivity in and around the project area and steps proposed to minimize environment impact on the surroundings details of approach road to the proposed project location.

Committee noted the letter received from the Registrar Hon'ble High Court of Karnataka dated 13.02.2023, directing to take needful action for the enclosed letter dated 14.01.2023 received from Mr. Santosh Kumar Agarwal, Advocate, Kanpur and requesting not to grant EC for the said project.

The Committee after discussion decided to make available copy of the said letter of Mr. Santosh Kumar Agarwal dated 14.01.2023 to the Proponent and informed the Proponent to submit the clarification for the objection raised in the letter dated 14.01.2023. Accordingly it was decided to defer the appraisal of the project."

The Committee in 296th meeting sought clarification from the Proponent to the objections raised by Mr. Santosh Kumar Agarwal's letter dated 14.01.2023,

1. *"Compliant : It's a matter of great concern that with the help of rampant corruption, how the government machinery is openly challenging government rules. In this connection, we would like to draw your kind attention regarding one company named Rodic Coffee Estates Private Limited, is bulldozing the government aura and policies regarding mining.*

   Reply : The Proponent informed that, in the present case, they have obtained the Notification for the proposed mining area, from the Dept. of Commerce & Industry, Govt. of Karnataka, which has been issued only after following the dew procedure like a) getting the requisite NOCs from the Revenue Dept., Forest Dept etc.; b) land conversion order from the Dy. Commissioner's office; c) clearance/ approval in the District Task Force Meeting etc.

2. *Compliant : Prohibitory regulations made in the interest of society at large with the connivance of big Administrative officers and political persons of Karnataka. M/S Rodic Coffee Estate Private Limited company in Hassan district has been forwarded and recommended that permission should be given for mining in most sensitive area of Sakleshapura Taluk Hosea Kota village. Hosea Kota Estate near Western Ghat in Hemavathi river bank in Hassan District of Karnataka.*

   Reply : The Proponent informed that the proposed mining area, is not included in the Western Ghats Draft Gazette Notification, vide No. S. O. 3072 (E), dated 06th July 2022, issued by the Ministry of Environment, Forest & Climate Change, Govt. of India. Also, the Hemavathi River and its back waters, are more than 10-12 km away from the proposed quarry area and justified as per the Google Map extract showing the proposed quarry area and its distance from Hemavathi River. Further to the discussions held during the 294th SEAC meeting held on 30th March 2023, they have requested Dr. Raja Naika, Professor, Department of Applied Botany, Kuvempu University, Shivamogga and Dr. P. Sharanappa, Professor, Dept. of Bio-Science, University of Mysore PG Center, Hassan, to conduct a field visit and they have visited the project site and its surroundings on 14th April 2023 and have furnished the list of tree species that are existent in and around the proposed quarry area and submitted the list of tree species given by them, where in its mentioned that the tree species that are existent in and around the proposed quarry area has no RET species. Also, they have obtained the NOC from Forest Dept.

3. *Compliant :In the past in year 2008 this Mining lease was cancelled and mining was closed due to Environmental problems to M/S Baikuntham Rubber P Ltd. even after all pressures and tactics were made to not close it.*

   Reply : The Proponent informed that, in the year 2008, there was no need of any Environmental Clearance (EC) for mining areas of less than 5 hectares extent. The requirement of EC for minor minerals, has come into existence from 18th May 2012, pursuant to the Judgement dated 27th Feb. 2012, by the Hon'ble Supreme Court of India (Deepak Kumar Vs State of Haryana). The previous company viz. M/s Vaikuntam Rubber Company, has closed the mining due to some financial issues, marketing problems etc. and it was not at all due to Environmental Problems.

4. *Compliant :Now this new entrant company Rodic Coffee Estate Private Limited has obtained same 24 acres land for mining after making huge some money paid to almost all highest authorities of administration of Hassan District ofKarnataka.*

Reply : The Proponent informed thatthe total extent of their estate, in the proposed quarry area and its surroundings is 368 Acres (comprising various survey numbers) and the proposed quarry area of 6-00 acres is only part of that total land, wherein the rocky patch is clearly visible. Secondly, the applied areas of a) 6-00 Acres in Sy. No. 91 (P), SEIAA 35 MIN 2023, b) 6-00 Acres in Sy. No. 03 (P), SEIAA 26 MIN 2023 and c) another proposed area of 12-00 Acres (yet to be applied for EC), which are more than 700m away from one another and none of these fall into cluster, as per MoEF&CC Gazette Notification of 01st July 2016.

5. Compliant :Now this company is been promised to allow Environmental Clearance.

Reply : The Proponent informed thatno one has promised us any Environmental Clearance. We are following the due procedure, as laid down in the EIA Notification 2006 (incl. Amendments) and no short cuts are being adopted, to get the Environmental Clearance.

6. *Compliant :Public Hearing will be managed by hook or crook. Now they are been advised to apply for mining of 12 acres only in first phase and getting it permitted apply for balance 12 acres after few months. This is nothing to make eyewash to flout Govt policies for public hearing. Every seat in process paid and purchased in advance for manipulations in public hearing to get environmental clearance.*

Reply : The Proponent informed thatas the proposed quarry areas of a) 6-00 Acres in Sy. No. 91 (P), SEIAA 35 MIN 2023, b) 6-00 Acres in Sy. No. 03 (P), SEIAA 26 MIN 2023 and c) another proposed area of 12-00 Acres (yet to be applied for EC), are more than 700m away from one another, they will not fall under cluster, as per MoEF&CC Gazette Notification of 01st July 2016. Also, apart from the above 3 quarries, there are no other existing or proposed quarries. Hence, the issue of Public Hearing, will not arise.

7. *Compliant :It is also to Inform you that on initiations of Income Tax Department, SEBI have lodged cases against these culprits Tax mafia's involved in this company. GST and ED is also involved in this matter.*

Reply : The Proponent informed that this is baseless comment and we assure that, in the present proposed quarry areas of Sy. No. 91 (P), SEIAA 35 MIN 2023 and Sy. No. 03 (P), SEIAA 26 MIN 2023, there are no cases filed pending with any Court in India or Abroad.

8. *Compliant :So we request you that let few persons of government machinery should not be able to defy government policy decisions and this company should not be given Environmental Clearance.*

Reply : The Proponent based on the above clarifications to the complaints requested SEAC & SEIAA to grant Environment Clearance.

The Committee after discussion decided to accept the clarifications given by the proponent and appraised the project.

As per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the area of the said lease is 6-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 850meters connecting lease area to the all-weather black topped road. Committee in the light of thick vegetation around the lease area informed that the quarrying operation should be commenced after asphalting the approach road to the quarry as per standard IRC norms & should grow trees all along the approach road and around the lead area 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 3,65,650 Cu.mt(including waste) and estimated the life of mine to be18 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 20,025 Cu.mt/annum (including waste), with following consideration,

1. *To consider additional environmental measures to protect the surrounding vegetation.*
2. *Proponent agreed to asphalt the approach road to the quarry as per IRC norms*
3. *To grow trees all along the approach road during the first year of operation."*

The SEIAA in its 236th meeting had referred back the file informing,

"The Authority perused the proposal and took note of the recommendation of SEAC. Howeverconsidering the sensitivity- of the matter and area in question SEIAA direct the SEAC to constitute afact finding Committee comprising of expert members. local forest officials. officer from Dept. of Mines and Geology. Scientific officer from SEAC and SEIAA and with on option co opt any member of SEAC/Experts to go into the details mainly pertaining to over burden. mansoon Stream flows and monsoon impacts on the proposed Activity. Further report submitted by the project Proponent may also be verified by the fact finding Committee and inspect the area in question and submit a factual report as early as possible."

In the present meeting. the Proponent submitted the following to the Committee with reference to SEIAA's decision to referr back the file to Committee,

1. For the proposed quarry, they had obtained required NoC's from Forest Dept, Revenue Dept. Site inspection report from DMG, land conversion Order from DC and Notification from C&I Dept. Govt. of Karnataka.
2. The quarry plan was prepared by RQP and DMG has approved the quarry plan.

3. Had submitted point wise reply for the issues raised in the letter of Mr. Santhosh Kumar Agarwal, Advocate dated 14.01.2023 with supporting documents and had requested SEIAA & SEAC, to consider the letter from Registrar Hon'ble High Court of Karnataka dated 13.02.2023 directing to take needful action and not as an Order.
4. After obtaining all the required NoC's, approvals and clarifications/justifications, the theyhad applied for EC under the provisions of EIA Notification 2006 and constituting fact finding Committee at this final stage is totally uncalled for.
5. They had submitted application for EC in Jan 2023, delaying in issue of EC will occur financial losses to their company, apart from substantial delay in getting revenue to Govt. employment generation.

Based on the above considerations requested the Committee to consider the proposal for EC without requirement of constitution of fact finding Committee, as all the required clarification along with supporting documents are submitted.

The Committee noted the opinion of the Proponent. The Committee after discussion opined that under the provisions as per EIA Notification 2006,

8 (ii)"The regulatory authority shall normally accept the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned. In cases where it disagrees with the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, the regulatory authority shall request reconsideration by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned within forty-five days of the receipt of the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned while stating the reasons for the disagreement. An intimation of this decision shall be simultaneously conveyed to the applicant. The Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, in turn, shall consider the observations of the regulatory authority and furnish its views on the same within a further period of sixty days. The decision of the regulatory authority after considering the views of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall be final and conveyed to the applicant by the regulatory authority concerned within the next thirty days."

In the present case the Committee after careful deliberation and based on the merit of the case had given its views and recommended the proposal to SEIAA for issue of EC. As per the EIA Notification 2006, SEIAA being the competent authority may accept or refuse the decision of the Committee for processing EC.

Hence, the Committee decided to reiterate its decision taken in 296th 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.

300.26 Ornamental Stone (Black Granite) Quarry Project at Sy.No.03(P) of Hosakote Estate Village, Sakleshpur Taluk, Hassan District (6-00 Acres) by M/s. Rodic Coffee Estates Pvt. Ltd. - Online Proposal No.SIA/KA/MIN/413908/2023 (SEIAA 26 MIN 2023)

The proposal was earlier considered during 294th SEAC meeting and the Committee had deliberated the following,

"The proposal was earlier considered in 291st SEAC meeting and the Committee had recommended the proposal to SEIAA for issue of EC and SEIAA in its 231St SEIAA meeting had referred to the proposal as per below.

The subject was discussed in the SEAC meeting held on 13th, 14th & 15th February 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The Committee initially sought clarification with respect to the present site condition as per the KML submitted by Proponent. The Proponent informed the Committee that as per S report issued by DMG, the proposed area was previously held by M/s. Vaikundam Rubber Company Pvt. Ltd. from 18.03.2002 and hence justified that the proposed project does not attract violation. The Committee noted the clarification and appraised the project.

As per the cluster sketch there is no other lease in a radius of 500 mtr from the said lease and the area of the said lease is 6-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 560 meters connecting lease area to the all-weather black topped road. Committee in the light of thick vegetation around the lease area informed that the quarrying operation should be commenced after asphalting the approach road to the quarry as per standard norms & should grow trees all along the approach road and around the lead area during the first year of operation and to take precautionary measures for the safety of near by dam, 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 the Committee as per the approved quarry plan, recommended the proposal for proved mineable reserve of 9,00,008 Tons (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 62,450 Tons/ Annum (including waste).

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

The Authority noted that the project location as per KML is in the midst of thick vegetation. The Authority after discussion decided to obtain details for the vegetation, environmental sensitivity with respect to receptors in and around the project area and steps proposed to minimize environment impact on the surroundings i.e impact of mining debris on water flows in Nalas, if any impact on vegetation, landslide and soil erosion.

The Authority decided to refer the file back to SEAC to reexamine the proposal in the light of the above observation and take appropriate decision after seeking necessary clarification.

Committee noted the letter received from the Registrar Hon'ble High Court of Karnataka dated 13.02.2023, directing to take needful action for the enclosed letter dated 14.01.2023 received from Mr. Santosh Kumar Agarwal, Advocate, Kanpur and requesting not to grant EC for the said project.

The Committee after discussion decided to make available copy of the said letter of Mr. Santosh Kumar Agarwal dated 14.01.2023 to the Proponent and informed the Proponent to submit the clarification for the objection raised in the letter dated 14.01.2023. Accordingly it was decided to defer the appraisal of the project."

The Committee in 296thmeeting sought clarification from the Proponent to the objections raised by Mr. Santosh Kumar Agarwal's letter dated 14.01.2023,

1. *"Compliant : It's a matter of great concern that with the help of rampant corruption, how the government machinery is openly challenging government rules. In this connection, we would like to draw your kind attention regarding one company named Rodic Coffee Estates Private Limited, is bulldozing the government aura and policies regarding mining.*

   Reply : The Proponent informed that, in the present case, they have obtained the Notification for the proposed mining area, from the Dept. of Commerce & Industry, Govt. of Karnataka, which has been issued only after following the dew procedure like a) getting the requisite NOCs from the Revenue Dept., Forest Dept etc.; b) land conversion order from the Dy. Commissioner's office; c) clearance/ approval in the District Task Force Meeting etc.

2. *Compliant : Prohibitory regulations made in the interest of society at large with the connivance of big Administrative officers and political persons of Karnataka. M/S Rodic Coffee Estate Private Limited company in Hassan district has been forwarded and recommended that permission should be given for mining in most sensitive area of Sakleshapura Taluk Hosea Kota village, Hosea Kota Estate near Western Ghat in Hemavathi river bank in Hassan District of Karnataka.*

   Reply : The Proponent informed that the proposed mining area, is not included in the Western Ghats Draft Gazette Notification, vide No. S. O. 3072 (E), dated 06th July 2022, issued by the Ministry of Environment, Forest & Climate Change, Govt. of India. Also, the Hemavathi River and its back waters, are more than 10-12 km away from the proposed quarry area and justified as per the Google Map extract showing the proposed quarry area and its distance from Hemavathi River. Further to the discussions held during the 294th SEAC meeting held on 30th March 2023, they have requested Dr. Raja Naika, Professor, Department of Applied Botany, Kuvempu University, Shivamogga and Dr. P. Sharanappa, Professor, Dept. of Bio-Science, University of Mysore PG Center, Hassan, to conduct a field visit and they have visited the project site and its surroundings on 14th April 2023 and have furnished the list of tree species that are existent in and around the proposed quarry area and submitted the list of tree species given by them, where in its mentioned that the tree species that are existent in and around the proposed quarry area has no RET species. Also, they have obtained the NOC from Forest Dept.

3. *Compliant :In the past in year 2008 this Mining lease was cancelled and mining was closed due to Environmental problems to M/S Baikuntham Rubber P Ltd. even after all pressures and tactics were made to not close it.*

   Reply : The Proponent informed that, in the year 2008, there was no need of any Environmental Clearance (EC) for mining areas of less than 5 hectares extent. The requirement of EC for minor minerals, has come into existence from 18th May 2012, pursuant to the Judgement dated 27th Feb. 2012, by the Hon'ble Supreme Court of India (Deepak Kumar Vs State of Haryana). The previous company viz. M/s Vaikuntam Rubber Company, has closed the mining due to some financial issues, marketing problems etc. and it was not at all due to Environmental Problems.

4. *Compliant :Now this new entrant company Rodic Coffee Estate Private Limited has obtained same 24 acres land for mining after making huge some money paid to almost all highest authorities of administration of Hassan District of Karnataka.*

   Reply : The Proponent informed thatthe total extent of their estate, in the proposed quarry area and its surroundings is 368 Acres (comprising various survey numbers) and the proposed quarry area of 6-00 acres is only part of that total land, wherein the rocky patch is clearly visible. Secondly, the applied areas of a) 6-00 Acres in Sy. No. 91 (P), SEIAA 35 MIN 2023. b) 6-00 Acres in Sy. No. 03 (P), SEIAA 26 MIN 2023 and c) another proposed area of 12-00 Acres (yet to be applied for EC), which are more than 700m away from one another and none of these fall into cluster, as per MoEF&CC Gazette Notification of 01st July 2016.

5. *Compliant :Now this company is been promised to allow Environmental Clearance.*

   Reply : The Proponent informed thatno one has promised us any Environmental Clearance. We are following the due procedure, as laid down in the EIA Notification 2006 (incl. Amendments) and no short cuts are being adopted, to get the Environmental Clearance.

6. *Compliant :Public Hearing will be managed by hook or crook. Now they are been advised to apply for mining of 12 acres only in first phase and getting it permitted apply for balance 12 acres after few months. This is nothing to make eyewash to flout Govt policies for public hearing. Every seat in process paid and purchased in advance for manipulations in public hearing to get environmental clearance.*

   Reply : The Proponent informed thatas the proposed quarry areas of a) 6-00 Acres in Sy. No. 91 (P), SEIAA 35 MIN 2023. b) 6-00 Acres in Sy. No. 03 (P), SEIAA 26 MIN 2023 and c) another proposed area of 12-00 Acres (yet to be applied for EC), are more than 700m away from one another, they will not fall under cluster, as per MoEF&CC Gazette Notification of 01st July 2016. Also, apart from the above 3 quarries, there are no other existing or proposed quarries. Hence, the issue of Public Hearing, will not arise.

7. *Compliant :It is also to Inform you that on initiations of Income Tax Department, SEBI have lodged cases against these culprits Tax mafia's involved in this company. GST and ED is also involved in this matter.*

   Reply : The Proponent informed that this is baseless comment and we assure that, in the present proposed quarry areas of Sy. No. 91 (P), SEIAA 35 MIN 2023 and Sy. No. 03 (P), SEIAA 26 MIN 2023, there are no cases filed/ pending with any Court in India or Abroad.

8. *Compliant :So we request you that let few persons of government machinery should not be able to defy government policy decisions and this company should not be given Environmental Clearance.*

Reply : The Proponent based on the above clarifications to the complaints requested SEAC & SEIAA to grant Environment Clearance.

The Committee after discussion decided to accept the clarifications given by the proponent and decided to reiterate its decision taken in 291st SEAC meeting and to forward the proposal to SEIAA for further necessary action, with following consideration,

1. *To consider additional environmental measures to protect the surrounding vegetation.*
2. *Proponent agreed to asphalt the approach road to the quarry as per IRC norms*
3. *To grow trees all along the approach road during the first year of operation."*

The SEIAA in its 236th meeting had referred back the file informing,

"The Authority perused the proposal and took note of the recommendation of SEAC. Howeverconsidering the sensitivity- of the matter and area in question SEIAA direct the SEAC to constitute afact finding Committee comprising of expert members. local forest officials. officer from Dept. of Mines and Geology. Scientific officer from SEAC and SEIAA and with on option co opt any member of SEAC/Experts to go into the details mainly pertaining to over burden. monsoon Stream flows and monsoon impacts on the proposed Activity. Further report submitted by the project Proponent may also be verified by the fact-finding Committee and inspect the area in question and submit a factual report as early as possible."

In the present meeting, the Proponent submitted the following to the Committee with reference to SEIAA's decision to referr back the file to Committee,

1. For the proposed quarry, they had obtained required NoC's from Forest Dept. Revenue Dept. Site inspection report from DMG, land conversion Order from DC and Notification from C&I Dept. Govt. of Karnataka.
2. The quarry plan was prepared by RQP and DMG has approved the quarry plan.
3. Had submitted point wise reply for the issues raised in the letter of Mr. Santhosh Kumar Agarwal, Advocate dated 14.01.2023 with supporting documents and had requested SEIAA & SEAC. to consider the letter from Registrar Hon'ble High Court of Karnataka dated 13.02.2023 directing to take needful action and not as an Order.
4. After obtaining all the required NoC's, approvals and clarifications/justifications, the theyhad applied for EC under the provisions of EIA Notification 2006 and constituting fact finding Committee at this final stage is totally uncalled for.
5. They had submitted application for EC in Jan 2023, delaying in issue of EC will occur financial losses to their company, apart from substantial delay in getting revenue to Govt. employment generation.

   Based on the above considerations requested the Committee to consider the proposal for EC an without requirement of constitution of fact finding Committee, as all the required clarification along with supporting documents area submitted.

The Committee noted the opinion of the Proponent. The Committee after discussion opined that under the provisions as per EIA Notification 2006,

8 (ii) "The regulatory authority shall normally accept the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned. In cases where it disagrees with the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, the regulatory authority shall request reconsideration by the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned within forty-five days of the receipt of the recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned while stating the reasons for the disagreement. An intimation of this decision shall be simultaneously conveyed to the applicant. The Expert Appraisal Committee or State Level Expert Appraisal Committee concerned, in turn, shall consider the observations of the regulatory authority and furnish its views on the same within a further period of sixty days. The decision of the regulatory authority after considering the views of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned shall be final and conveyed to the applicant by the regulatory authority concerned within the next thirty days."

In the present case the Committee after careful deliberation and based on the merit of the case had given its views and recommended the proposal to SEIAA for issue of EC in 291st SEAC Meeting and SEIAA in its 231st Meeting had referred the file back to SEAC. The SEAC in its 296th meeting after discussion decided to accept the clarification given by the proponent and decided to reiterate its decision taken in 291st SEAC Meeting and to forward the proposal to SEIAA. SEIAA in to 236th meeting has once again referred back the file to SEAC Committee. The committee opined that as per the EIA Notification 2006, SEIAA being the competent authority may accept or refuse the decision of the Committee for processing EC.

Hence, the Committee decided to reiterate its decision taken in 296th SEAC meeting and to forward the proposal to SEIAA for necessary actions.

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

300.27 Building Stone Quarry Project at Tavaragera village, Kalaburagi Taluk & District (2-00 Acres) by M/s. Anjum Associates - Online Proposal No.SIA/KA/MIN/434157/2023 (SEIAA 280 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	M/s. Anjum Associates
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.23/*/1 of Tavaragera village, Kalaburagi Taluk & District (2-00 Acres)

		Latitude	Longitude
		N 17°25'25.5"	E 76°53'51.0"
		N 17°25'26.0"	E 76°53'54.4"
		N 17°25'23.5"	E 76°53'54.7"
		N 17°25'22.9"	E 76°53'51.3"
3	Type Of Mineral	Building Stone Quarry	
4	New / Expansion / Modification / Renewal	New	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta	
6	Area in Acres	2-00 Acres	
7	Annual Production (Metric Ton / Cum) Per Annum	40,939 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	4,52,360 Tones (including waste)	
10	Permitted Quantity Per Annum - Cu.m / Ton	40,120Tones / Annum (excluding waste)	
11	CER Activities: To grow300 No. of additional plantation on either side of the approach road from quarry location to Tavaragera Village Road		
12	EMP Budget	Rs. 10.30Lakhs (Capital Cost) & Rs. 3.10Lakhs (Recurring cost)	
13	Forest NOC	27.10.2022	
14	Quarry plan	24.04.2023	
15	Cluster Certificate	01.06.2023	
16	Revenue	26.09.2022	
17	Notification	11.04.2023	

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 project area is fresh land and no mining has been carried out and the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there is one lease in a radius of 500mtrs from the applied lease and the total area of the leases including the applied lease is 6-00Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 320 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 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 4,52,360 tons (including waste) and estimated the life of mine to be 11 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 40,939 tons/Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry & the road connecting crusher as per IRC norms
2. To grow trees all along the approach road during the first year of operation.

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

300.28 Ordinary Sand Quarry Project at Bhagodi Village, Chittapur Taluk, Kalaburagi District (9-38 Acres) by Sri. Gulam Mahmood Patel - Online Proposal No.SIA/KA/MIN/434604/2023 (SEIAA 282 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri. Gulam Mahmood Patel
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy. No. 45/*/1 of Bhagodi Village, Chittapur Taluk, Kalaburagi District (9-38 Acres)
3	Type Of Mineral	Sand Mining
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	9-38 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	60,000 Tones for 1st year, 90,000 Tons/annum for 2nd& 3rdyear, 30,000 Tones for 4th year & 14.342 Tones for 5th year(including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.42 Crores (Rs. 142 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	2.84,342 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	60.000 Tones for 1st year, 90.000 Tons/annum for 2nd& 3rdyear, 30.000 Tones for 4th year & 14.342 Tones for 5th year (including waste)

Latitude	Longitude
N 17° 12' 17.9021"	E 77° 02' 58.0007"
N 17° 12' 14.0017"	E 77° 02' 59.2005"
N 17° 12' 13.0010"	E 77° 02' 55.5018"
N 17° 12' 10.9011"	E 77° 02' 48.0028"
N 17° 12' 10.3017"	E 77° 02' 45.7077"
N 17° 12' 13.4019"	E 77° 02' 45.9021"
N 17° 12' 14.4019"	E 77° 02' 45.9021"

11	CER Activities:	
	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to the GHPS school at Bhagodi village
	2nd	
	3rd	Rain water harvesting pits to the GHPS school at Bhagodi village
	4th	The proponent proposes to distribute nursery plants at Bhagodi Village & Strengthening of approach road
	5th	Health camp in the GHPS school at Bhagodi village
12	EMP Budget	Rs. 27.46 Lakhs (Capital Cost) & Rs. 11.88 lakhs (Recurring cost)
13	Forest NOC	27.09.2022
14	Cluster certificate	31.03.2023
15	Revenue NOC	22.08.2022
16	DTF	10.02.2023
17	App. Quarry Plan	13.04.2023
18	DSMC	10.02.2023
19	JIR depth	3 mtrs

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 9-38 Acres and hence the project is categorized as B2. Proponent informed that in the District Task Force proceedings, it is mentioned that there is no river sand mining projects in the vicinity of 5 km from the proposed lease area.

There is an existing cart track road to a length of 300 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 2,84,342Tons (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 60.000 Tones for 1st year, 90.000 Tons/annum for 2nd & 3rd year, 30.000 Tones for 4th year & 14,342 Tones for 5th 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
3.To grow trees all along the approach road during the first year of operation.
4. Proponent agreed to carry out river bank and drain stabilization works.

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

300.29 Building Stone Quarry Project at Hebbalu village, Davanagere Taluk, Davanagere District (4-00 Acres) by Sri H. K. Nagaraj - Online Proposal No.SIA/KA/MIN/433456/2023 (SEIAA 256 MIN 2023)

About the project:

<table>
<tr><td>Sl.No</td><td>PARTICULARS</td><td>INFORMATION PROVIDED BY PP</td></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri H. K. Nagaraj</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy. Nos.140/2 & 140/4 of Hebbalu village, Davanagere Taluk, Davanagere District (4-00 Acres)
<table>
<tr><th colspan="3">GPS CO-ORDINATES</th></tr>
<tr><th>Sl. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 14° 22′ 06.4″</td><td>E 76° 06′ 32.9″</td></tr>
<tr><td>B</td><td>N 14° 22′ 00.9″</td><td>E 76° 06′ 35.0″</td></tr>
<tr><td>C</td><td>N 14° 22′ 00.2″</td><td>E 76° 06′ 32.3″</td></tr>
<tr><td>D</td><td>N 14° 22′ 06.6″</td><td>E 76° 06′ 29.9″</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone Quarry</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>5</td><td>Type of Land [Forest. Government Revenue, Gomal, Private / Patta, Other]</td><td>Patta</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>4-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>2,63,158 Tones/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.43 Crores (Rs. 143 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>26,63,644 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>2,50,000Tones / Annum (excluding waste)</td></tr>
<tr><td>11</td><td>CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<tr><td>1st</td><td>Providing solar power panels to the GHPS school at Hebbalu village</td></tr>
<tr><td>2nd</td><td>Rain water harvesting pits to the GHPS school at Hebbalu village</td></tr>
<tr><td>3rd</td><td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td></tr>
<tr><td>4th</td><td rowspan="2">Health camp in GHPS school at Hebbalu village</td></tr>
<tr><td>5th</td></tr>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 35.66 Lakhs (Capital Cost) & Rs. 10.02 Lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>25.08.2020</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>13.06.2023</td></tr>
<tr><td>15</td><td>Cluster Certificate</td><td>08.06.2023</td></tr>
<tr><td>16</td><td>Revenue</td><td>25.08.2020</td></tr>
<tr><td>17</td><td>Notification</td><td>02.09.2020</td></tr>
</table>

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 416 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 the crusher as per 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 26,63,644 tones (including waste) and estimated the life of mine to be 10 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,63,158 tones/Annum (including waste), with following consideration,

1. Proponent agreed to strengthen the approach road to the quarry & road connecting crusher as per standard norms.
2. To grow trees all along the approach road during the first year of operation.

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

300.30 Building Stone (Basalt) Quarry Project at Alkoppara village, Muddebihal Taluk, Vijayapura District (4-38 Acres) by Sri Amaresh N. Madari - Online Proposal No.SIA/KA/MIN/433527/2023 (SEIAA 271 MIN 2023)

About the project:

<table>
<tr><td>Sl.No</td><td>PARTICULARS</td><td>INFORMATION PROVIDED BY PP</td></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri Amaresh N. Madari</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone (Basalt) Quarry Project at Sy. No. 37/2 of Alkoppara village, Muddebihal Taluk, Vijayapura District (4-38 Acres)
<table>
<tr><td>Latitude</td><td>Longitude</td></tr>
<tr><td>N 16°28'02.18"</td><td>E 76°04'01.08"</td></tr>
<tr><td>N 16°28'02.72"</td><td>E 76°04'06.93"</td></tr>
<tr><td>N 16°28'38.59"</td><td>E 76°04'06.75"</td></tr>
<tr><td>N 16°28'37.62"</td><td>E 76°04'02.25"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone Quarry</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
</table>

5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	4-38 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,57,895 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	16,82,588 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,50,000Tones / Annum (excluding waste)
11	CER Activities: To grow700 No. of additional plantation on either side of the approach road from quarry location to Alkoppara Village Road	
12	EMP Budget	Rs. 20.20 lakhs (Capital Cost) & Rs. 7.48 lakhs (Recurring cost)
13	Forest NOC	20.09.2022
14	Quarry plan	07.06.2023
15	Cluster Certificate	13.06.2023
16	Revenue	30.11.2022
17	Notification	18.03.2023

As per the cluster sketch there is no lease within 500mtr from the said lease and total area of the applied lease is 4-38 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 300 meters connecting lease area to the all-weather black topped road. The Committee informed that the production should be commenced after strengthening the approach road to the quarry and road connecting the crusher as per 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 16,82,588 tones (including waste) and estimated the life of mine to be 11 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,57,895 tones/Annum (including waste), with following consideration,

1. Proponent agreed to strengthen the approach road to the quarry & road connecting crusher as per standard norms.
2. To grow trees all along the approach road during the first year of operation.

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

300.31 Enhancement of Grey Granite Quarry Project at Honnampalli village in Bagepalli Taluk, Chikkaballapura District (3-00 Acres) (QL. No. 56) by M/s. H V R Enterprises - Online Proposal No.SIA/KA/MIN/424089/2023 (SEIAA 273 MIN 2023)

About the project:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	M/s. H V R Enterprises
2	Name & Location of the Project	Enhancement of Grey Granite Quarry Project at Sy. No. 7of Honnampalli village in Bagepalli Taluk. Chikkaballapura District (3-00 Acres) (QL. No. 56)
		Latitude / Longitude: N 13°54'40.0" E 77° 51' 51.2"; N 13°54'38.2" E 77° 51' 55.9"; N 13°54'35.8" E 77° 51' 54.9"; N 13°54'37.6" E 77° 51' 50.2"
3	Type Of Mineral	Grey Granite Quarry
4	New / Expansion / Modification / Renewal	Expansion
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	57.600 Cum/ 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	2,25.758 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	23,040Cum/ Annum (recovery)
11	CER Activities: To grow 300 No. of additional plantation on either side of the approachroad from quarry location to Honnampalli Village Road	
12	EMP Budget	Rs. 9.40 Lakhs (Capital Cost) & Rs. 4.44 lakhs (Recurring cost)
13	CCR from KSPCB	15.07.2023
14	Quarry plan	07.03.2023
15	Cluster Certificate	14.03.2023
16	Audit Report	02.06.2023

The proposal is for expansion of grey granite quarry. for which EC was issued earlier by SEIAA on 13.09.2019 and lease is in effect from 05.10.2009 with QL no. 56. The Proponent submitted audit report till 2022-23 certified by DMG dated 02.06.2023 and CCR from KSPCB dated 15.07.2023.

There is an existing cart track road to a length of 480 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 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 2,25,758 cum (including waste) and estimated the life of mine to be 4 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 57,600 cum/ 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. To comply with the observation of KSPCB in CCR.
4. Proponent agreed to handle the waste generated by obtaining necessary permission.

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

300.32 Construction of Sites and Service Scheme at Sy. Nos. 679/1, 679/2, 681/1a, 681/2, 682/1, 682/2, 771/3, 772/A, 772/ B at Block-1 and 768/A, 769/2, 769/B2a(p), 769/B2b, 769/B2c, 769/B2d, 769/B2e, 769/B2f, 775/1, 775/2, 776B at Block-2 of Kolagal Village, Ballari Taluk and District by M/s. Karnataka Housing Board - Online Proposal No.SIA/KA/INFRA2/403212/2022 (SEIAA 24 CON 2022)

The proposal is for area development project from KHB, in plot area of 5,16,783.97 sqm for 1979number of sites. SEIAA had issued ToR on 11.04.2022

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 they had already developed the layout area during COVID 19 situations and agreed that they had violated EIA Notification 2006. The Committee noted the reply from Proponent and informed the Proponent that as EC is a prior clearance and as the activity has already been carried out by the Proponent. there is a need for the proponent to apply in violation category.

Hence, the Committee after discussion decided to reject the project proposal and forward the proposal to SEIAA for necessary action.

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

300.33 Residential & Non Residential Project at Pattanduragrahara Village, K R Puram Hobli, Bangalore East Taluk, Bangalore by M/s.Shreno Ltd. - Online Proposal No.SIA/KA/INFRA2/435111/2023 (SEIAA 38 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. SHRENO LIMITED., (Formerly Alembic Glass Industries Limited), Near Kadugodi Bus Stand, Kadugodi-Hoskote Main Road Main Road, Bangalore-560066.
2	Name & Location of the Project	Development of Residential and Non Residential Project atSy. Nos.20, 21, 22, 23, 24/1, 24/2, 24/3, 25/1, 25/2, 25/3 & 26/1 of Pattandur Agrahara Village, K R Puram Hobli, Banaglore East Taluk, Bangalore.
3	Type of Development	
a.	Residential Apartment / Villas/ Row Houses /Vertical Development /Office/IT/ITES /Mall/Hotel/Hospital /other	Residential and Non Residential Project 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 passing in the northern side
6	Plot Area (Sqm)	1.57,016.72 Sqmt
7	Built Up area (Sqm)	3.42.403.41 Sqmt (2,83,904.50 Sqmt Residential (including clubhouse) and 58.498.91 Sqmt is Commercial)
8	FAR • Permissible • Proposed	 3.25 1.53
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Building Consists of 5 Towers of G+34UF. Club house in B+G+2UF Commercial: Office Block – GF+2 Upper Floors Retail Blocks: Block 1: BF + GF + 2 Upper Floors Block 2 : GF + 2 Upper Floors Block 3 : GF + 1 Upper Floors Block 4 : 2BF + GF + 2 Upper Floors Block 5 : GF + 2 Upper Floors Block 6 : GF + 2 Upper Floors Block 7 : GF + 2 Upper Floors Existing Building : GF + 1 Upper Floors
10	Number of units/plots in case of Construction/Residential	1340 UNITS +134 EWS UNITS

		Township/Area Development Projects		
11		Height Clearance		As per CCZM Bangalore, permissible height is 1035m AMSL and proposed height is 1007.6m AMSL
12		Project Cost (Rs. In Crores)		Rs.835.0 Cr.
13		Disposal of Demolition waste and or Excavated earth		Excavated earth we utilize in our project site
14		Details of Land Use (Sqm)		
	a.	Ground Coverage Area		28,724.36 sqm
	b.	Kharab Land		5,362.04 Sqm
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006		36,575.34 sqm
	d.	Internal Roads		73,463.48 Sqm
	e.	Paved area		
	f.	Others Specify		Civic amenities area is 3162.06 sqm (5% on Residential site area) Surface Parking for Commercial is 4376.12 sqm (5 % on commercial site area)
	g.	Parks and Open space in case of Residential Township/ Area Development Projects		NA
	h.	Total		1,57,016.72 Sqm
15		WATER		
	I.	Construction Phase		
	a.	Source of water		Treated Grey Water from BWSSB STP/Our Own STP
	b.	Quantity of water for Construction in KLD		50 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		Mobile sewage Treatment Plant
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	1205 KLD
			Recycled	655 KLD
			Total	1860 KLD
	b.	Source of water		BWSSB/ Tanker / Borewell /Terrace Rainwater
	c.	Waste water generation in KLD		1720KLD
	d.	STP capacity		For Residential & Clubhouse: 700 KLD and 450 KLD For Commercial building: 300 KLD and 270 KLD capacity
	e.	Technology employed for Treatment		SBR

	f.	Scheme of disposal of excess treated water if any	Will be used for HVAC & given to nearby construction activities through KSPCB authorized vendor
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	For residential building: Rain Water Collection Sump Capacity (Tower A, B, C) = 600.0 Cum. Rain Water Collection Sump Capacity (Tower D, E & Clubhouse) = 400.0 Cum. For Commercial building: Rain Water Collection Sump Capacity- 1 =510.0 Cum. Rain Water Collection Sump Capacity- 2= 240.0 Cum
	b.	No's of Ground water recharge pits	110 Nos. of recharge pits
17		Storm water management plan	**Residential:** Rain Water Collection Sump Capacity (Tower A, B, C) = 900.0 Cum. Rain Water Collection Sump Capacity (Tower D, E & Clubhouse) = 600.0 Cum. No. of Rain water harvesting pit= 50 Nos. **Commercial:** Rain Water Collection Sump Capacity- 1= 710.0 Cum. Rain Water Collection Sump Capacity- 2 = 410.0 Cum No. of Rain water harvesting pit = 60 Nos.
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	2.21MT/day will be converted in to organic manure and used for garden 100 kg/ hr 1020 kg/day of capacity Space required is 100 sqmt
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	3.3 MT/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	400- 550 Lts given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	200 Kg/year given toPCB authorized recycler
19		POWER	
	a.	Total Power Requirement -	4000 Kva for Residential & 3300 kVA for

		Operational Phase	commercial
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Residential: 500 kVA X 5 No. and 750 Kva X 3 Nos Commercial: 1500 kVA X 2 No and 2000 kVA X 1 & 1000 kVA X 3 No's
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 13.30%
20		PARKING	
	a.	Parking Requirement as per norms	Car Parking provided forResidential: 1550 Numbers Car parking provided for Commercial is1230 Numbers
	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: LOS of SH-35 / NH-207: Towards Hoskote – C Towards Hopefarm - B
	c.	Internal Road width (RoW)	8.0 mts
21		CER Activities	1. Contribution to Mysore Goshala 2. Lake rejuvenations 3. Infrastructure development of nearby Govt. School /Govt. Hospitals.
22		EMP • Construction phase • Operation Phase	 49.0 lakhs 2134.0 lakhs

The proposal is for construction of residential and commercial building in an area earmarked for residential use as per RMP of BDA. SEIAA had issued Standard ToR on 17.02.2023.

The Committee during appraisal sought details of present site condition, drains as per village map and details of provisions made for harvesting rain water. The Proponent informed the Committee that present site is vacant land and presently no construction work has started and for the tertiary drain in north they had left buffer of 15 mtr from center. For harvesting rain water, the Proponent submitted revised calculation and informed that RWH tanks of 600 cum, 400 cum, 510 cum, 240 cum capacity for runoff from roof top area and a pond of 800 cum for runoff from hardscape and landscape areas in addition to 110 nos of recharge pits is proposed within the site area.

Further the Committee informed the Proponent to manage excess drainage water within the site area and to use sustainable building materials in the proposed project and to provide smart water meters for residential units, for which the Proponent agreed.

The Proponent informed that they have made provisions to grow 3000 trees and to provide charging facility for 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 for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.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 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 600 cum, 400 cum, 510 cum, 240 cum capacity and a pond of 800 cum and 47 recharge pits.
2. To undertake plantation in the early stage of construction.
3. Proponent agreed to strengthen the approach road to the project.
4. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.
5. Proponent agreed to recharge community bore wells in surrounding villages as part of CER
6. Proponent agreed to source external water from KGWA approved water tankers
7. Proponent agreed to take necessary mitigation measures to control PM10 within limits during construction phase.

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

300.34 Pink Granite Quarry Project at Hirekodagali Village, Ilkal Taluk, Bagalkot District (5-16 Acres) by Sri Puneet Hosamani - Online Proposal No.SIA/KA/MIN/435920/2021 (SEIAA 491 MIN 2021)

About the project:

<table>
<tr><th>Sl.No.</th><th>PARTICULARS</th><th>INFORMATION PROVIDED BY PP</th></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri Puneet Hosamani</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Pink Granite Quarry Project at Sy No. 9/1 of Hirekodagali Village, Ilkal Taluk, Bagalkot District. (5-16 Acres)
<table>
<tr><th>Latitude</th><th>Longitude</th></tr>
<tr><td>N 15° 56′ 12.1″</td><td>E 76° 08′ 21.0″</td></tr>
<tr><td>N 15° 56′ 11.4″</td><td>E 76° 08′ 23.0″</td></tr>
<tr><td>N 15° 56′ 07.5″</td><td>E 76° 08′ 22.0″</td></tr>
<tr><td>N 15° 56′ 06.9″</td><td>E 76° 08′ 24.1″</td></tr>
<tr><td>N 15° 56′ 04.0″</td><td>E 76° 08′ 24.1″</td></tr>
<tr><td>N 15° 56′ 04.0″</td><td>E 76° 08′ 19.6″</td></tr>
<tr><td>N 15° 56′ 07.0″</td><td>E 76° 08′ 19.7″</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Pink Granite Quarry</td></tr>
<tr><td>4</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]</td><td>Patta</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>5-16 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton /</td><td>23.333 Cum/ Annum (including waste)</td></tr>
</table>

	Cum) Per Annum	
8	Project Cost (Rs. In Crores)	Rs. 1.84 Crores (Rs. 184 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,99,653 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,500Cum/ Annum (recovery)
11	CER Activities:	

Year	Corporate Environmental Responsibility (CER)
1st	Providing solar power panels to the GHPS school at Hirekodagali village
2nd	
3rd	Rain water harvesting pits to the GHPS school at Hirekodagali village
4th	Health camp in GHPS school at Hirekodagali village
5th	

12	EMP Budget	Rs. 30.04 Lakhs (Capital Cost) & Rs. 20.77Lakhs (Recurring cost)
13	Forest NOC	12.06.2023
14	Quarry plan	10.07.2021
15	Cluster Certificate	15.06.2021
16	Revenue	13.02.2013
17	DTF	30.01.2021
18	C & I Notification	18.01.2023
19	PH	19.05.2022

The proposal was earlier considered in 299th SEAC meeting and the Committee had deferred the appraisal as the Environmental Consultant informed the Committee that the project Proponent has expired and his son has obtained revised Notification from C&I Dept. in the name of Sri Punith Mohan Hosamani but in file the application was made in the name of Sri Mohan D Hosamani in Parivesh portal. The Proponent was informed to obtain required amendment from SEIAA.

In the present meeting the Proponent Sri Puneet Hosamani had submitted transfer of ToR from SEIAA dated 06.07.2023 and DMG letter dated 17.02.2023 informing that Proponent is the legal heir. The Committee noted the clarification and appraised the project.

The proposal is for pink granite quarry for which SEIAA had issued ToR on 06.12.2021 and public hearing was conducted on 19.05.2022, where in opinion/request of eight people have been recorded in public hearing report.

There is an existing cart track road to a length of 227 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 3,99,653 cum (including waste) and estimated the life of the quarry to be 17 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 23,333 cum/year (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 comply with the request of public, expressed during public hearing.
4. Proponent agreed to handle the waste generated by obtaining necessary permission.

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

300.35 Expansion of Iron Ore Mine Project located (Entire Area is Forest Land) at Megalahalli Village of Chitradurga Taluk, Chitradurga District by M/s. Vedanta Limited - Online Proposal No.SIA/KA/MIN/435232/2023 (SEIAA 131 MIN 2023)

About the project:

SI.NO	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. Vedanta Limited Megalahalli Office Complex, Bheemasamudra Post. Chitradurga, Karnataka - 577520
2	Name & Location of the Project	"Iron Ore Mine" of M/s. Vedanta Limited, over an extent of 160.59Ha (M. L. No. 2677) at the Entire Area is Forest Land at Megalahalli village of ChitradurgaTaluk. Chitradurga District of Karnataka State
3	Co-ordinates	

Pillar No.	Pillar Latitude	Pillar Longitude
LBC-1	14° 13' 43.99885"	76° 12' 29.13949"
LBC-2	14° 13' 46.68151"	76° 12' 24.63086"
LBC-3	14° 14' 17.23123"	76° 12' 09.54365"
LBC-4	14° 13' 56.56648"	76° 11' 45.08233"
LBC-5	14° 13' 45.12536"	76° 11' 55.35157"
LBC-6	14° 13' 55.27356"	76° 12' 06.87702"
LBC-7	14° 14' 04.39319"	76° 12' 06.52001"
LBC-8	14° 14' 07.00706"	76° 12' 13.18607"
LBC-9	14° 13' 47.63033"	76° 12' 22.67433"
LBC-10	14° 13' 33.32947"	76° 12' 05.54733"
LBC-11	14° 13' 19.31520"	76° 12' 18.25666"
LBC-12	14° 13' 17.41133"	76° 12' 10.98864"
LBC-13	14° 12' 54.22282"	76° 12' 31.38047"

		LBC-14	14° 13' 17.09773"	76° 12' 58.27960"
		LBC-15	14° 13' 33.89075"	76° 12' 36.25291"
		LBC-16	14° 13' 37.45712"	76° 12' 28.25619"
4	Type of Mineral	Iron Ore		
5	New /expansion/modification /renewal	20% expansion		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Forest land		
7	Area in Ha	160.59Ha		
8	Annual production (metric ton /Cum) per annum	6.0 million tons/annum to 7.2 million tons/annum		
9	Project Cost (Rs. In Crores)	272 Crores		
10	Proved quantity of mine/quarry-Cu.m/Tons	88.497 Million Tonnes of Hematitic Iron Ore(HIO) and 27.142 Million Tonnes of Hematitic Siliceous Iron Ore		
11	Permitted quantity per annum-Cu.m/Ton	7.2 million tons/annum		
12	Approach Road	The mine is approached by well-connected road from state Highway 47 which is 4.10 Km fromthe mine gate towards south		
13	Five years plan period	Area –76.00 Ha (Area Under Mining) Top RL- 960mRL Bottom RL - 805mRL		
14	Conceptual stage	Area –76.00 Ha (Area Under Mining) Top RL- 960 mRL Bottom RL -805mRL		
15	CER Activities: ▪ Rain Water Harvesting in Government School & Public Areas of Megalahalli and Tanigehalli ▪ Solar Panels & Water Heaters in Government School & Public Areas of Megalahalli and Tanigehalli ▪ Plantation in the Government School & Public Areas of Megalahalli and Tanigehalli ▪ Medical health checkup camps in the Government School & Public Areas of Megalahalli and Tanigehalli ▪ Conducting Swatch Bharath Abiyan drive campaigns in nearby villages			
16	EMP Budget (including CER Activities) is 65.00 Lakhs Capital and 43.30 Lakhs Recurring			

Sl. No.	Activity	Proposed Quantity	Unit Price (In Rs.)	Capital Cost (Rs.)	Recurring Cost/ Yr. (Rs)
1	Afforestation Green belt development	13000 Saplings	500/sapling *	65,00,000-00	19,50,000-00
2	Water for Drinking, Dust suppression & Plantation	554.5 KLD	100/m3	-	2,21,800-00
3	Periodic Medical Check-up & PPE supplies	Frequency Quarterly	2,26,000/quarter	-	9,04,000-00
4	Environmental Monitoring	Frequency Quarterly	12,500/quarter* *	-	50,000-00
5	Fire protection	Annual	50,000/annum	-	50,000-00
6	CSR (Corporate Social Responsibility)	2% of the Average net profit	3,60,00,000/annum	--	4,00,80,000-00
	CER (Corporate Environment Responsibility)	Annual (0.75% of Total Project Cost)	40,80,000/annum	--	
7	Miscellaneous costs	Annual	50,000/annum	-	50,000-00
Total				65,00,000-00	4,33,05,800-00

17	Forest NOC	30.12.2014 for 20years.
18	CCR	16.01.2023 (certified compliance report issued by Regional Office, MoEF&CC)
19	Earlier E.C by MoEF&CC& Date	05.02.2009
20	CFO	01.04.2022 valid upto 30.06.2026
21	Forest Clearance Date	30.12.2014 – Forest Clearance
22	IBM Approval Date	01.02.2023
23	R&R Plan Date	16.07.2012
24.	ICFRE	08.08.2019

The proposal is for expansion in production of existing Iron Ore Mine. The Proponent informed the Committee that the proposal is for expansion of category A Mine, for which EC was issued earlier by MoEF&CC on 05.02.2009 for production of 6 MTPA and now it is proposed for expansion of production capacity to 7.2 MPTA as per O.M issued by MoEF&CC dated 11.04.2022. Proponent informed the Committee that based on the said O.M, they had obtained Standard ToR from SEIAA on 27.03.2023 and have submitted EIA/EMP report and Certified Compliance Report for earlier EC from MoEF&CC dated 16.01.2023. Proponent further informed that as per that O.M. for the proposed expansion up to 20 percent, requirement of fresh public hearing is not needed, as public hearing was already conducted on 25.10.2008 and was considered by MoEF&CC while issuing EC. SEIAA had issued transfer of EC to Proponent on 22.06.2023 and Standard ToR on 28.06.2023.

Further the Proponent informed that for existing lease area. FC is valid till 30.12.2034 and they have valid CFO issued by KSPCB dated 01.04.2022 and had obtained common boundary permission from DGMS dated 07.12.2009 and audit report till 2022-23 certified by DMG dated 24.02.2023. Proponent submitted compliance to the MoEF&CC OM dated 11.04.2022 for proposed expansion.

The 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.

Considering the proved mineable reserve of 88.497 Million Tonnes of Hematitic Iron Ore(HIO) and 27.142 Million Tonnes of Hematitic Siliceous Iron Ore as per the approved Mining plan, the Committee estimated the life of the mine to be 16 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 1.8 MTPA, with following consideration,

1. To comply with the observations made in the Certified Compliance report of MoEF&CC
2. Adhere to the compliance given to issues raised in the public hearing.
3. To comply with the recommendations in R&R plan.
4. Proponent agreed to provide PHC facilities in near by villages.
5. Proponent agreed to establish conveyor belt system from mine head to railway siding.
6. Proponent agreed to look into the possibilities for installing mineral beneficiation plant in project site.

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

300.36 Building Stone M-Sand Quarry Project at Marle Village, Chikkamagaluru Taluk & District (7-00 Acres) by Sri K.S. Shante Gowda - Online Proposal No.SIA/KA/MIN/430539/2021 (SEIAA 651 MIN 2021)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri K.S. Shante Gowda
2	Name & Location of the Project	Building Stone M-Sand Quarry Project at Sy.No.188(P) of Marle Village. Chikkamagaluru Taluk & District (7-00 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest. Government Revenue.	Government

Latitude	Longitude
N 13°16'36.15766"	E 75°52'53.92775"
N 13°16'37.53214"	E 75°52'55.69969"
N 13°16'32.31822"	E 75°52'59.25887"
N 13°16'32.40536"	E 75°53'01.34079"
N 13°16'32.59328"	E 75°53'04.40315"
N 13°16'29.96371"	E 75°53'05.90448"
N 13°16'27.91483"	E 75°53'59.29902"
N 13°16'30.88075"	E 75°53'59.23956"
N 13°16'33.17145"	E 75°53'57.68202"

	Gomal, Private / Patta, Other]	
6	Area in Acres	7-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,03,622 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.75 Crores (Rs. 75 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	8,02,808 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,01,550Tones / Annum (excluding waste)
11	CER Activities: To provide infrastructure works to the Govt. School, at the nearby Marle Village	
12	EMP Budget	Rs. 17.00 lakhs (Capital Cost) & Rs. 5.20 lakhs (Recurring cost)
13	Forest NOC	08.03.2019
14	Quarry plan	30.07.2020
15	Cluster Certificate	12.11.2021
16	Revenue	22.02.2019
17	Public hearing	14.03.2023

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 project is a Govt. land and 1-00 Acre of the applied area was encroached by adjacent lease holder and approximately 24.800 ton of mineral has been removed and DMG has considered this while approving quarry plan 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 quarrying building stone for which SEIAA had issued ToR on 19.01.2022. As the total extent of leases in the cluster was exceeding the threshold of 5 Ha. Public Hearing was conducted on 14.03.2023, where opinions/requests of sixteen people have been recorded in public hearing report.

There is an existing cart track road to a length of 400 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 and the road connecting to the crusher as per IRC norms and to grow trees all along the approach road during the first year of operation and to comply with the request of public expressed during public hearing, to which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 8.02,808 Tons (including waste) and estimated the life of the quarry to be 8 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1.03,622 Tons/year (including waste), with following consideration.

1. Proponent agreed to asphalt the approach road to the quarry and road leading to crusher as per IRC norms
2. To grow trees all along the approach road during the first year of operation.
3. Proponent agreed to comply with the request of public, expressed during public hearing.

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

300.37 Commercial Building Plan Project at Shettigere Village, Jala Hobli, Bengaluru North Taluk, Bangalore Urban District by M/s. Concorde International Hotels Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/433322/2023 (SEIAA 120 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. Dayananda P, Authorized Signatory M/s. Concorde International Hotels Pvt. Ltd., Office at No. 30/1,"Evershine", Vittalmallya Road, Bangalore - 560001.
2	Name & Location of the Project	Commercial Building Plan by M/s.Concorde International Hotels Pvt. Ltd., at Sy.No. 100/1, 100/2 & 101 of Shettigere Village, Jala Hobli, Bengaluru North Taluk, Bangalore Urban District.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Hotel, Restaurant project Category 8(a) as per EIA Notification 2006.
b.	Residential Township/ Area Development Projects	No
4	New/ Expansion/ Modification/ Renewal	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	Nala is inside the Site in center
6	Plot Area (Sqm)	48,274.28sq.m.
7	Built Up area (Sqm)	1,24,907.61 sq. m.
8	FAR • Permissible • Proposed	 1.33 1.34
9	Building Configuration [Number of Blocks / Towers / Wings etc.. with Numbers of Basements and Upper Floors]	Construction of Hotel and Restaurant projectcomprising of 2 Buildings, Hotel Buildingcomprising of 2 Basements + Ground Floor +First Floor + Service Floor + 4 Upper Floors +Terrace floor and Restaurant Building comprisingof 2 Basements + Ground Floor + 7 Upper Floors+ Terrace floor.
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	NA

11	Height Clearance	Site Elevation in AMSL : 900 Permissible top elevation in AMSL : 935 Difference in meters : 35 Height proposed : 25.95 m		
12	Project Cost (Rs. In Crores)	248 Crores		
13	Disposal of Demolition waster and or Excavated earth	Details	Quantity in m^3	
		Quantity of excavated soil	2,18,153.57	
		Excavated earth disposal details		
		Back filling for footings	1,09,076.78	
		Site filling required	13,696.88	
		Back filling for retaining wall	73,384.56	
		Top soil for Landscaping	8,411.46	
		Filling for internal roads	13,583.89	
		Total	2,18,153.57	
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	14,455.84 sqm		
b.	Kharab Land	--		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	13,809.86 sq.m		
d.	Internal Roads	13,582.36 sq.m		
e.	Paved area			
f.	Others Specify	6,426.22Sqm		
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA		
h.	Total	48,274.28 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 constructionphase will be treated in the Mobile STP		
II.	Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	320.365 KLD	
		Recycled	97.980 KLD	
		Total	418.345 KLD	
b.	Source of water	Gram Panchayath		
c.	Waste water generation in KLD	355.59 KLD		
d.	STP capacity	360 KLD		

	e.	STP Area	64 sq.m.
	f.	OWC Area	36 sq.m.
	g.	OWC Capacity	6 tons
	h.	Technology employed for Treatment	SBR Technology
	i.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused fortoilet flushing, landscaping in the project site,avenue plantation and Reuse after treating withultrafiltration and reverse osmosis
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	781 cu.m.
	b.	No's of Ground water recharge pits	41 Nos.
17		Storm water management plan	The storm water from the site will be collected byrainwater harvesting system and will be used forrecharging the ground water
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.1 kg/day Separate collection bins will be used for organicand inorganic waste. Organic waste will beconverted in organic convertor. Inorganic solidwaste will be handed over to authorizedrecyclers.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	484.74 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	323.16 kg/day. Non- Biodegradable waste willbe 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 and the quantity generated will be handed over to authorized agencies.
19		POWER	
	a.	Total Power Requirement - Operational Phase	2500 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 X 1000 kVA + 1X 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 : 100,000 kWH/ Year • Solar Power Generation : • In non-monsoon season 500kWH x 30 x 8 Months = 1.20,000kWH • In monsoon season 350kWH x 30 x 4

<table>
<tr><td></td><td></td><td></td><td>Months = 42.000 kWH
• Total SPV Power Generation in a year = 1.62 L kWH / Annum
• Total Solar Energy utilization (Energy saving using solar PV) in a year KWH = 1.62 L / Annum
• Total energy savings = 22.19%</td></tr>
<tr><td>20</td><td colspan="3">PARKING</td></tr>
<tr><td></td><td>a.</td><td>Parking Requirement as per norms</td><td>860 ECS</td></tr>
<tr><td></td><td>b.</td><td>Level of Service (LOS) of the connecting Roads as per the Traffic Study Report</td><td>82.60 m wide road NH7 (Bangalore - Devanahalli) infront of the site</td></tr>
<tr><td></td><td>c.</td><td>Internal Road width (RoW)</td><td>6.0 m</td></tr>
<tr><td>21</td><td colspan="2">CER Activities</td><td><table><tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr><tr><td>1st</td><td>Rain Water Harvesting in GHPS of Shettigere</td></tr><tr><td>2nd</td><td>Providing solar power panels to GHPS of Shettigere</td></tr><tr><td>3rd</td><td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td></tr><tr><td>4th</td><td>Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages</td></tr><tr><td>5th</td><td>Health camp in GHPS of Shettigere</td></tr></table></td></tr>
<tr><td>22</td><td colspan="2">EMP
• Construction phase
• Operation Phase</td><td>EMP (Construction & Operation)<table><tr><th>Operation Phase</th><th>Construction Phase</th></tr><tr><td>Recurring Cost Per Annum = 48.151 lakhs
Capital Cost=446.76 lakhs</td><td>Recurring Cost Per Annum = 18.45 lakhs
Capital Cost = 62.20 lakhs</td></tr></table></td></tr>
</table>

The proposal is for expansion, for which SEIAA had earlier issued EC on 2607.2022 for BUA of 90,028.68 Sqm in plot area of 48.274 Sqm and now it is proposed for BUA of 1,24,907.61 Sqm with no change in plot area. The Proponent informed the Committee that no construction works had started and justified for not submitting CCR.

The Committee during appraisal sought details of drain as per village map and details of provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that there is tertiary drain passing in center (north east to south west), for which a buffer of 3 mtr on either sides is provided. For harvesting rain water, the Proponent had proposed RWH tanks of 781 cum for runoff from rooftop and an another tank of 652 cum for runoff from hardscape and landscape areas in addition to 41 nos of recharge pits within the project area.

Further the Committee informed the Proponent to use sustainable building materials in the proposed project and to construct lead of drains till the natural drains/water body, to which the Proponent agreed.

The Proponent agreed to grow 525 trees in the project site area. The Proponent has collected baseline data of air, water, soil 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 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 RWH tanks/sump of 781&652cum capacities and 41nos of recharge pits
2. Proponent agreed to provide employment to local people.
3. To grow trees during the construction phase itself.
4. Proponent agreed to source external water from KGWA approved water tankers.
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.

300.38 Residential Apartments and Club house Project at Hardware Sector of Hitech Defence and Aerospace Park comprised in Bagalur Village and Hoovinayakanahalli Village, Jala Hobli, Bengaluru North Yelahanka Taluk, Bengaluru by M/s. Netra Software Technologies Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/432186/2023 (SEIAA 121 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Netra Software Technologies Pvt Ltd. No. 216, 3rdMain, 5thCross, Defence Colony, Indiranagar, Bengaluru - 560038
2	Name & Location of the Project	Residential Apartments and Club house R-9-D1, R-9-D2, R-9-D1-P and R-9-D2-P, Hardware Sector of Hitech Defence and Aerospace Park comprised in Sy. No. 176 (P) (Block No. 21, 22, 23, 24 and 25), 177 (Block No.1), 470, 471, Bagalur Village and Sy.No.82 of Hoovinayakanahalli Village, Jala Hobli, Bengaluru North Yelahanka Taluk, Bengaluru.
3	Type of Development	Residential Apartment
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	--
4	New/ Expansion/ Modification/ Renewal	New

5	Water Bodies/ Nalas in the vicinity of project site	As per the Bagaluru and Huvinaykanahalli Village Map, there are no Nala or Water Bodies of any concern within or near the close vicinity of the Project site. The Nala is seen near the Southeast corner of the proposed Project site (In Bagaluru Village Map) is more than 9m from the Project site. Thus, there is no need for any Buffer Zone within the project site.
6	Plot Area (Sqm)	33,516Sq.m
7	Built Up area (Sqm)	1,39,042.38Sq.m
8	FAR • Permissible • Proposed	 3.25 3.249
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Wing A1 – A 5 with 1 Basement Floor + Ground Floor +Eighteen Upper Floors + Terrace Floor Club House – 1 Basement Floor + Ground Floor + Mezzanine Floor + First Floor + Second Floor + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	786 Units (428 Nos. – 3 BHK, 286 Nos. – 2 BHK and 72 Nos – EWS)
11	Height Clearance	Justification with reference to existing building in southern side at a distance of 170mt is having total height of 99.5mtrs and proposed building height is 57.84mtrs. NoC to be obtained from AAI before construction.
12	Project Cost (Rs in Crores)	200 Cores
13	Disposal of Demolition waste and or Excavated earth	It is estimated that about 50,500 cum of earth shall be excavated using latest hi-tech earth moving machinery. Top earth of about 13,300 cum shall be stored and used for landscaping. About 14,900 cum of excavated soil will be used for Roads and walkways. About 7500cum will be used for backfilling and remaining 14,800cum shall be used for manufacturing soil stabilized cement blocks which will used within the project for construction of non-load bearing walls, compound walls, curbstone, pavers, etc. No excavated earth shall be taken out of the project site for disposal.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	6,668.10Sq.m
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	10,666.22Sq.m
d.	Internal Roads	20,505.88Sq.m
e.	Paved area	
f.	Others Specify (Civic Amenities)	1,675.8Sq.m

	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--	
	h.	Total	33,516.00Sq.m	
15		WATER		
	I.	Construction Phase		
	a.	Source of water	Treated water from STP set-up for Labour camp at or near Project site	
	b.	Quantity of water for Construction in KLD	10KLD	
	c.	Quantity of water for Domestic Purpose in KLD	20KLD	
	d.	Waste water generation in KLD	17KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	20KLD STP	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	397KLD
			Recycled	202KLD
			Total	599KLD
	b.	Source of water	BWSSB through KIADB, Rooftop Rainwater & Treated Water	
	c.	Waste water generation in KLD	479KLD	
	d.	STP capacity	540KLD STP	
	e.	Technology employed for Treatment	Sequencing Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	Treated water will be used for toilet flushing, landscaping, etc.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	380cum	
	b.	No's of Ground water recharge pits	14 Nos.	
17		Storm Water Management plan	Garland drain with 14 recharge pits are proposed.	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	20kg/day of solid waste shall be disposed through BBMP waste management contractors	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	849kg/day Organic Waste Converter	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	1.273kg/day Local Authorized Recyclers	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	500 kg/annum Authorized Agencies	
	d.	Quantity of E waste generation and mode of Disposal as per norms	50 kg/annum Authorized Agencies	

19		POWER	
	a.	Total Power Requirement - Operational Phase	3085Kw
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	625KVA X 4Nos.
	c.	Details of Fuel used for DG Set	Dual Fuel Mode; Low Sulphur High Speed Diesel (HSD) with Sulphur content less than 50ppm & Compressed Natural Gas (CNG)
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	a. Timer based External Lights b. BEE Star rated electromechanical systems shall be used in the development c. Solar Water Heating systems for top 3 floor dwelling units d. Use of HF ballast for lighting e. Use of LED light fittings f. Building Orientation; Cross Ventilation: Total Savings – 27.6%
20		PARKING	
	a.	Parking Requirement as per norms	825 Nos.
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Towards SH-104 - B Towards Huvinayakanahalli - A Towards Bagalur - C Towards Airport/ Shettigere Road - C
	c.	Internal Road width (RoW)	6m
21		CER Activities Proposed	1. Jobs for local people during construction and operation phase. 2. Free Medical check-up camps will be held 3. Signage on roads to avoid accidents. 4. Providing Skill Development facilities 5. Infrastructure creation for sanitation systems to control waterborne diseases viz., Malaria. Dengue. Diarrhoea. Dysentery. Cholera. etc. 6. Plantation in community areas
22		EMP • Construction phase • Operation Phase	During Construction Phase: Capital Investment – 53.95 Lakhs Recurring Cost – 5 Lakhs/ Annum During Operation Phase: Capital Investment – 163 Lakhs Recurring Cost – 48.25 Lakhs/ Annum

The proposal is for construction of residential building in an area allotted by KIADB.

The Committee during appraisal sought clarification regarding road passing as per zoning map and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that for the road passing in north east as per BIAAPA ZR is left as it is and for harvesting rain water, the Proponent had proposed RWH tank of 380 cum capacity for runoff from rooftop and tank of 105 cum for runoff from hardscape and landscape areas in addition to 14 nos of recharge pits within the project area.

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

The Proponent agreed to grow 410 trees in the project site area. The Proponent has collected baseline data of air, water, soil 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 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 RWH tanks/sump of 380&105cum capacities and 14nos of recharge pits
2. To grow trees during the construction phase itself.
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.

300.39 Mixed Development with Civic Amenities Project at Veerasandra Village, Attibele Hobli, Anekal Taluk, Bangalore by M/s. ARATT One World Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/434092/2023 (SEIAA 126 CON 2023)

About the project:

Sl. No		PARTICULARS	INFORMATION PROVIDED BY PP
1		Name & Address of the Project Proponent	Name: Mr. Vishal Vincent Tony (Managing Partner) Address: No.739, Behind Citi Bank ATM Hosur Main Road, Singasandra, Bengaluru-560 068
2		Name & Location of the Project	Name: 'ARATT ONE WORLD' – Residential cum Commercial Project with Civic Amenities Location: At Sy. Nos.82/1, 82/2, 83/1, 83/2, 84/2, 84/3, 84/4, 84/5, 85/1 & 86/2 of Veerasandra Village, Attibele Hobli, Anekal Taluk, Bangalore-560 100
3		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial and residential building. Category 8(a) Building and Construction Projects as per EIA Notification, 2006
	b.	Residential Township/ Area Development Projects	Not applicable
4		New/ Expansion/ Modification/ Renewal	New

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	59,381
7	Built Up area (Sqm)	1,30,672
8	FAR Permissible Proposed	 3.0 1.56
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building/Block Name: Scope of Building /Block Commercial Block: Basement + Ground + 9 Floors Club House (Amenities Block): Ground + 1 Floor Residential Block: Basement + Ground + 41 Floors
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	Not applicable
11	Height Clearance	Justification, existing building Pashmina Water Front having height of 130mtrs nearer to the HAL airport and proposed project is having height of 126.50 mtrs. HAL noc to be obtained before starting construction.
12	Project Cost (Rs. In Crores)	Rs. 300 Cr.
13	Disposal of Demolition waste and or Excavated earth	Earthwork will involve the excavation building footing and construction of basement. The total excavated soil will be reused for levelling, construction of road and for landscaping within the premises.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	9,565.01
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification. 2006	9,325
d.	Internal Roads	9,384.99
e.	Paved area	
f.	Others Specify	26,703 Future expansion area 783 Road widening area 3620 Surface parking area
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	59,381Sqm
15	WATER	
I.	Construction Phase	

Sl. No		PARTICULARS	INFORMATION PROVIDED BY PP	
	a.	Source of water	Tankers Supply	
	b.	Quantity of water for Construction in KLD	16.5 KLD	
	c.	Quantity of water for Domestic Purposes in KLD	13.5 KLD	
	d.	Wastewater generation in KLD	10.8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Temporary sanitary facilities for construction labours will be provided. Wastewater will be disposed of in the mobile STP will be available at site.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	268 KLD
			Recycled	397 KLD
			Total	666 KLD
	b.	Source of water	KIADB Supply	
	c.	Wastewater generation in KLD	410 kld	
	d.	STP capacity	2 STPs of total 460kld (150 kld + 310 kld)	
	e.	Technology employed for Treatment	SBR Technology	
	f.	Scheme of disposal of excess treated water if any	Zero liquid discharge from site as total treated water will be reused within the premises.	
16		Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	1 tank of 45 cu.m	
	b.	No's of Ground water recharge pits	18 RWH pits + 1 Natural pond of 200 cu.m	
17		Storm water management plan	To avoid the loss of soil during monsoon. major construction activities will be avoided during rainy season. All potential contaminants such as lime, paints. 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 (30 kg/day) – Biodegradable waste will be composted and rest shall be sent to MSW site. ConstructionWaste –shall be segregated and stored in designated areas of the Project site. The concrete and cement mortar wastes shall be processed in-situ and reused in the site Plastic waste – to be sold to recyclers.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	608 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	

<table>
<tr><td>Sl. No</td><td>PARTICULARS</td><td>INFORMATION PROVIDED BY PP</td></tr>
<tr><td></td><td></td><td>Common MSW Management Facility.
12 kg/day – STP Dry sludge, will be used as manure in horticulture area</td></tr>
<tr><td>b.</td><td>Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms</td><td>486 kg/day - Recyclable waste shall be sold to recyclers. Non-biodegradale (122 kg/day) will be sent to Common Solid Waste Management Facility.</td></tr>
<tr><td>c.</td><td>Quantity of Hazardous Waste generation and mode of Disposal as per norms</td><td>Negligible. Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.</td></tr>
<tr><td>d.</td><td>Quantity of E waste generation and mode of Disposal as per norms</td><td>Negligible. E waste will be stored at a designated place and sold to registered recyclers.</td></tr>
<tr><td>19</td><td colspan="2">POWER</td></tr>
<tr><td>a.</td><td>Total Power Requirement - Operational Phase</td><td>3,600 KW from BESCOM</td></tr>
<tr><td>b.</td><td>Numbers of DG set and capacity in KVA for Standby Power Supply</td><td>3 DG sets of 1500 kVA each</td></tr>
<tr><td>c.</td><td>Details of Fuel used for DG Set</td><td>HSD – 900 l/hr</td></tr>
<tr><td>d.</td><td>Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines</td><td>Solar panels on the roof tops (Solar power generation: Approx. 180kW power).
Sound design of buildings for maximum natural ventilation andillumination
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 23.05% 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 - 1619 ECS
Provided - 1655 ECS + 415 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>8m and 6m</td></tr>
<tr><td>21</td><td>CER Activities</td><td>To carry out avenue plantation around the project site area and in Veerasandra Industrial area, construct bus shelter of 3nos in Electronic city.</td></tr>
<tr><td>22</td><td>EMP
Construction phase</td><td>Construction Phase
<table>
<tr><th>Sr. No.</th><th>EMP Aspect</th><th>Approx. Cost (Rupees in Lakhs)</th></tr>
<tr><td>1.</td><td>Barricades/dust barriers all-round the site</td><td>30</td></tr>
</table></td></tr>
</table>

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP

2.	Sprinkling of water (non-rainy season)	6.5
3.	Labour Management - first aid centre, safety measures, sanitation, amenities (through Construction Contractors)	15
4.	Environmental Monitoring - Air, Water, Noise	2
Total		**53.50**

Operation Phase

Sr. No.	EMP Aspect	Approx. Budgeted Capital cost (In Lakh Rupees)	Approx. Budgete Operati g Cost (In Lakh Rupees)
1.	STP and Grey Water Recycling	250	2.10
2.	Greenbelt and other landscape development	52	8
3.	Storm water drain and Rainwater Harvesting System	100	15
4.	EnvironmentalMonitoring & Certification	15	5
5.	EHS Management Cell	10	5
6.	Solid Waste Management	30	4
7.	Fire Fighting Measures	90	7
8.	Energy conservation	12	1
9.	CER Budget	16	--
Total		**575**	**47.1**
Operation Phase			

The proposal is for construction of Commercial and Residential building in an area allotted by KIADB. Proponent informed that they had changed name from M/s RGR Tech Park Pvt. Ltd. to M/s Aratt One World through the Reg. of Companies.

The Committee during appraisal sought clarification regarding H/T line passing as per zoning map and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that H/T line of 66 KVA is passing in center and buffer of 9 mtrs on either sides is left. For harvesting rain water Proponent informed that they had proposed RWH tank of 45 cum capacity for runoff from rooftop and a pond of 200 cum capacity for runoff from hardscape and landscape areas in addition to 18 nos of recharge wells within the project area.

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

The Proponent agreed to grow 410 trees in the project site area. The Proponent has collected baseline data of air, water, soil 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 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 RWH tanks/sump of 45cum and pond of 200cum capacity and 18nos of recharge wells.
2. To grow trees during the construction phase itself.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to handle the excess treated water to be supplied to ongoing neighboring constructions and avenue plantation.
5. Proponent agreed to carry out additional plantation in KIADB area.

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

300.40 Residential Apartment with club house project at Siddapura Village, Varthur Hobli, Bangalore East Taluk, Bangalore by M/s.Sumadhura Infracon Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/434114/2023 (SEIAA 127 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. Sumadhura Infracon Pvt. Ltd., 108/2, Millenia Building, 1st Main Road, MSR Layout, Outer Ring Road, Marathahalli, Bengaluru - 560 037
2	Name & Location of the Project	Residential Apartment with club house project at Sy. Nos. 16/2, 81/1, 81/2, 82/1, 82/2 & 86(P) of Siddapura 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 with club house 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	Tubarahalli lake is at a distance of 100m to

	of project site	project site	
6	Plot Area (Sqm)	34,397.99 Sqmt	
7	Built Up area (Sqm)	1,47,428.78 Sqmt	
8	FAR • Permissible	3.6 (including TDR)	
	• Proposed	2.914 (including TDR)	
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	No. of Floors: Tower A & B 2B+G +18 Upper Floors Club house in G+3UF	
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	752 Nos.	
11	Height Clearance	In the aerial distance of 410 m already Sumadhura LNR lake breeze apartment project constructed the building of height of 44.0 m. Height of building is more than the height of our proposed building	
12	Project Cost (Rs. In Crores)	Rs. 200.0 Cr.	
13	Disposal of Demolition waste and or Excavated earth	Excavated earth we utilize in our project site only	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	5,442.52 Sqmt	
b.	Kharab Land	1,391.10 Sqmt	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	15,166.90 Sqmt (on earth 7,873.46 Sqmt + on podium 7,293.44 Sqmt	
d.	Internal Roads	8,276.0 Sqmt	
e.	Paved area		
f.	Others Specify	Road widening area is 2,424.43 Sqmt	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
h.	Total	34,397.99 Sqmt	
15	WATER		
I.	Construction Phase		
a.	Source of water	BWSSB STP treated water	
b.	Quantity of water for Construction in KLD	25 KLD	
c.	Quantity of water for Domestic Purpose in KLD	4 KLD	
d.	Wastewater generation in KLD	3 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	388 KLD
		Recycled	170 KLD
		Total	558 KLD
b.	Source of water	BWSSB	

	c.	Waste water generation in KLD	500 KLD
	d.	STP capacity	500 KLD
	e.	Technology employed for Treatment	SBR
	f.	Scheme of disposal of excess treated water if any	Excess treated sewage will be given to nearby construction projects/ avenue plantation/UGD
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	500 cumcollection sump is provided
	b.	No's of Ground water recharge pits	20 Nos. of recharge pits
17		Storm water management plan	We have provided 500 cum of roof water collection sump and 20 Nos. of recharge pits all along the project site. Will provided pond of capacity 300 cum for collection of storm 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	1016 kg/day converted in to organic manure and used for garden 100 kg/ hr 1020 kg/day of capacity Space required is 100 sqmt
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	676 kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-100 Lts/ year given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	50 Kg/year given toPCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	3008 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	750 KVA X 2 Nos.
	c.	Details of Fuel used for DG Set	Low Sulphur diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 19%
20		PARKING	
	a.	Parking Requirement as per norms	1137 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: Approach road: A Kundalahalli road: towards HAL is D & towards ITPL is D HAL airport road: Towards Marathahalli bridge is D

			Towards Varthur is D
	c.	Internal Road width (RoW)	6.0 mts
21		CER Activities	Improvements of Siddapura lake
22		EMP • Construction phase	53.0 lakhs
		• Operation Phase	415.0 lakhs

The proposal is for construction of residential building in an area earmarked for hi-tech use as per RMP of BDA, for which Proponent informed that they had obtained change of land use from BDA dated 08.03.2023 to proposed activity.

The Committee during appraisal sought clarification regarding cart track as per village map and provisions for harvesting rain water in the proposed area. The Proponent informed the Committee that the cart track in center as per village map is rerouted based on DC Order dated 01.07.2023 towards the edge of the project and the area is left for free public access. Regarding harvesting rain water, the Proponent informed the Committee that they have proposed RWH tank of 500 cum capacity for runoff from rooftop and a pond of 300 cum capacity for runoff from hardscape and landscape areas in addition to 20 nos of recharge pits within the project area.

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

The Proponent agreed to grow 390 trees in the project site area. 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 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 RWH tanks/sump of 500cum and pond of 300cum capacity and 20 nos of 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 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.

300.41 Construction of Hotel Project at Bengaluru Aerospace Park industrial area Unachur Village, Jala Hobli, Bengaluru North Yelahanka Taluk, Banglore Urban District by M/s. Tri Star Propmart Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/430891/2023 (SEIAA 113 CON 2023)

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. **Tri Star Propmart Private Limited** Plot No. 53-P & 54 of Aerospace sector, Hitech, Defense and Aerospace Park (KIADB Industrial Area) Sy.No.8, 108 to 112 of Hunachur village, Jala Hobli, Bengaluru North Yelahanka Taluk.
2	Name & Location of the Project	Plot/Survey/Khasra no: Sy.No.Part 8, 108 to 112 Village: Unachur village Taluk: Bengaluru North Yelahanka District: Bangalore State: Karnataka
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Hotel building Category 8(a) as per EIA Notification 2006
b.	Residential Township/ Area Development Projects	--
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	• Singahalli lake 0.50 (SW) • BettaKote lake 3.58 km (N) • Dodajala lake 7.28 km (W) • Devanahallikere 7.80 km (N)
6	Plot Area (Sqm)	8.094.25 Sq.m
7	Built Up area (Sqm)	32.483.36 Sq.m
8	FAR • Permissible • Proposed	2.5 2.45
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	1 Block : G+7UF
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	263 rooms
11	Height Clearance	The project site located on grid number M13 of Yellow zone in the Color Coded Zoning

		Map (CCZM) permissible top elevation is about 925 m. Building Height (AGL) = CCZM Elevation for The Respective Grid - Site Elevation of The Building. Permissible Building Height (AGL)= (925-884.74) =40.26 m Total Permissible Building height is about 85 m and proposed building height is 25 m so the building height within the permissible limit.		
12		Project Cost (Rs. In Crores)	Rs 80 Crores	
13		Disposal of Demolition waster and or Excavated earth	Nodemolitionwastewillbegenerated. Excavated earth material used for construction material.	
14		Details of Land Use (Sqm)		
	a.	Ground Coverage Area	4,241.39Sqm	
	b.	Kharab Land	-	
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,671Sq.m.	
	d.	Internal Roads	1,182Sq.m	
	e.	Paved area		
	f.	Others Specify	--	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	3,853m2	
	h.	Total	8,094.25m2	
15		WATER		
	I.	Construction Phase: 4.5 KLD		
	a.	Source of water	BWSSB	
	b.	Quantity of water for Construction in KLD	0.5 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	3.5 KLD	
	d.	Waste water generation in KLD	3.0 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	96.5 KLD
			Recycled	47.5
			Total	144 KLD
	b.	Source of water	BWSSB.	
	c.	Waste water generation in KLD	129.6 KLD	
	d.	STP capacity	130 KLD	
	e.	Technology employed for Treatment	SBRTechnology	
	f.	Scheme of disposal of excess treated water if any	-	
16		Infrastructure for Rain water harvesting		

	a.	Capacity of sump tank to store Roof run off	300cum
	b.	No's of Ground water recharge pits	5nos
17		Storm water management plan	Runoff is harvested in RWH tanks and excess is harvested in recharge pits.
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	20 kg/day
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	427.18 kg/day, to be handled in OWC within the site area.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	285.2 kg/day, handed over to authorized recyclers.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	--
	d.	Quantity of E waste generation and mode of Disposal as per norms	--
19		POWER	
	a.	Total Power Requirement - Operational Phase	2.25 MW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 set of 750 kVA and 1 set of 400 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	Total savings of 10 % saving
20		PARKING	
	a.	Parking Requirement as per norms	185 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	C Category
	c.	Internal Road width (RoW)	No internal road
21		CER Activities	To carry out tree plantation in community areas and KIADB area.
22		EMP • Construction phase • Operation Phase	

Sl.	Particular	Capital Cost (in Rs)	Recurring Cost (Annual) (in Rs)
1.	Sewage Treatment Plant (130 KLD)	80 Lakhs	8.5 Lakhs
2.	Rain water	10 Lakhs	1.00 Lakhs

			Storage Structure (5 no's)		
		3.	DG Stack & Acoustic Enclosure	10 Lakhs	0.5 Lakhs
		4.	Solid Waste Management (Composter)	25 Lakhs	2.5 Lakhs
		5.	Environmental Monitoring	--	2.00 Lakhs
		6.	Landscaping	50 Lakhs	5 Lakhs
		7.	Fire Fighting and Emergency handling	100 Lakhs	10 Lakhs
		8.	Under Social Environment as EMP	---	5 Lakhs
			TOTAL	**275Lakhs**	**34.5 Lakhs**

The proposal is for construction of Hotel in an area allotted by KIADB.

The Committee during appraisal sought details regarding cart track road as per village map, provisions made for harvesting rain water and management of excavated earth. The Proponent informed the Committee that cart track road in North West and is left for free public access. For rain water harvesting. Proponent submitted revised calculations and informed the Committee that they have proposed RWH tank of 300 cum for runoff from rooftop and hardscape in addition to 05 nos recharge pits within the project site area. Proponent informed that out of the total of 37.180 cum of excavated earth, 15.000 cum would be used to for levelling, 2.000 cum to be used to landscaping and 1.590 cum would be used in dead areas in the basement as other floor.

Further the Committee informed the Proponent to use sustainable building materials in the proposed project and to harvest rain water completely within the site area, for 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 setback.

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 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 tank of 300 cum capacity and 5 number of recharge pits.
2. Proponent agreed to provide lead off drain to the nearest natural drain to manage excess water.

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

300.42 Building Stone Quarry Project at Arepura Village, Begur Hobli, Gundlupete Taluk, Chamarajanagara District (4-38 Acres) by Sri Sreekanth M - Online Proposal No.SIA/KA/MIN/434925/2023 (SEIAA 286 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Sreekanth M
2	Name & Location of the Project	Building Stone Quarry Project at In part of Sy. No. 68/1 & 163/3 of Arepura Village, Begur Hobli, Gundlupete Taluk, Chamarajanagara District (4-38 Acres)

Latitude	Longitude
N 11° 57' 20.5"	E 76° 39' 56.8"
N 11° 57' 20.5"	E 76° 39' 58.4"
N 11° 57' 20.3"	E 76° 39' 57.8"
N 11° 57' 15.8"	E 76° 39' 57.1"
N 11° 57' 15.3"	E 76° 39' 56.5"
N 11° 57' 15.3"	E 76° 39' 56.3"
N 11° 57' 15.3"	E 76° 39' 55.2"
N 11° 57' 15.8"	E 76° 39' 53.7"
N 11° 57' 15.2"	E 76° 39' 52.8"

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	4-38 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	1,31,579 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 1.38 Crores (Rs. 138 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	21,50,285 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,25,000 Tones / Annum (excluding waste)

11	CER Activities:	

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

12	EMP Budget	Rs. 38.59 Lakhs (Capital Cost) & Rs. 8.52 Lakhs (Recurring cost)
13	Forest NOC	27.01.2023
14	Quarry plan	27.06.2023
15	Cluster Certificate	27.06.2023
16	Revenue	13.01.2023
17	Notification	23.06.2023

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 the proposed project area is fresh land and no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there is no lease within 500 mtr from the said lease and total area of the applied lease is 4-38 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 484 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 the crusher as per standard IRC 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 21,50,285 tones(including waste) and estimated the life of mine to be16 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,31,579 tones/Annum (including waste), with following consideration.

1. Proponent agreed to asphalt the approach road to the quarry & road connecting crusher as per standard norms.
2. To grow trees all along the approach road during the first year of operation.
3. Proponent agreed to take protective safety measures towards the area facing road and habitation.

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

300.43 Building Stone (Basalt) Quarry Project at Alkoppara village, Muddebihal Taluk, Vijayapura District (2-15 Acres) by Sri Amaresh N. Madari - Online Proposal No.SIA/KA/MIN/433665/2023 (SEIAA 275 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Amaresh N. Madari
2	Name & Location of the Project	Building Stone (Basalt) Quarry Project at Sy. No. 34/4 of Alkoppara village, Muddebihal Taluk, Vijayapura District (2-15 Acres)

Latitude	Longitude
N 16°28'03.83"	E 76°03'54.31"
N 16°28'04.20"	E 76°03'56.84"
N 16°28'00.14"	E 76°03'57.87"
N 16°28'59.41"	E 76°03'55.64"

3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue. Gomal, Private / Patta, Other]	Patta
6	Area in Acres	2-15 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	63.158 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	5.07.305 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	60,000Tones / Annum (excluding waste)
11	CER Activities: To grow 250 Nos. of additional plantation on either side of the approach road from quarry location to Alkoppara Village Road	
12	EMP Budget	Rs. 11.15Lakhs (Capital Cost) & Rs. 3.43Lakhs (Recurring cost)
13	Forest NOC	20.09.2022
14	Quarry plan	07.06.2023
15	Cluster Certificate	13.06.2023
16	Revenue	30.11.2022
17	Notification	18.03.2023

As per the cluster sketch there is one lease in a radius of 500mtrs from the applied lease and the total area of the leases including the applied lease is 4-01Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 480 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 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 5,07,305 tons (including waste) and estimated the life of mine to be 8years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,63,158 tons/Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry & road connecting crusher as per IRC norms
2. To grow trees all along the approach road during the first year of operation.

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

300.44 Building Stone (Basalt) Quarry Project at Alkoppara Village, Muddebihal Taluk, Vijayapura District (1-26 Acres) by Sri Amaresh N. Madari - Online Proposal No.SIA/KA/MIN/433681/2023 (SEIAA 276 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Amaresh N. Madari
2	Name & Location of the Project	Building Stone (Basalt) Quarry Project at Sy. No. 34/7 of Alkoppara Village, Muddebihal Taluk, Vijayapura District (1-26 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New

Latitude	Longitude
N 16°27'59.71"	E 76°03'55.64"
N 16°28'00.14"	E 76°03'57.87"
N 16°27'56.78"	E 76°03'58.72"
N 16°27'56.31"	E 76°03'56.74"

5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta
6	Area in Acres	1-26 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	42,105 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	2,42,528 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	40,000Tones / Annum (excluding waste)
11	CER Activities: To grow 150 Nos. of additional plantation on either side of the approach road from quarry location to Alkoppara Village Road	
12	EMP Budget	Rs. 9.25 lakhs (Capital Cost) & Rs. 2.73 lakhs (Recurring cost)
13	Forest NOC	13.07.2022
14	Quarry plan	07.06.2023
15	Cluster Certificate	13.06.2023
16	Revenue	30.11.2022
17	Notification	18.03.2023

As per the cluster sketch there is one lease in a radius of 500mtrs from the applied lease and the total area of the leases including the applied lease is 4-01Acres 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 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 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 2,42.528 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 42,105 tons/Annum (including waste), with following consideration.

1. Proponent agreed to asphalt the approach road to the quarry & road connecting crusher as per IRC norms
2. To grow trees all along the approach road during the first year of operation.

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

300.45 Building Stone Quarry /M-Sand Project at Devarayasamudra village Mulbagal Taluk, Kolar District (10-00 Acres) by M/s. Nanjundeshwara Enterprises - Online Proposal No.SIA/KA/MIN/430618/2023 (SEIAA 248 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	M/s. Nanjundeshwara Enterprises
2	Name & Location of the Project	Building Stone Quarry /M-Sand Project at Sy. No. 199 of Devarayasamudra village Mulbagal Taluk, Kolar District (10-00 Acres)

Latitude	Longitude
N 13° 07' 30.5700"	E 78° 18' 52.0300"
N 13° 07' 32.8500"	E 78° 18' 58.9400"
N 13° 07' 26.0800"	E 78° 19' 01.3400"
N 13° 07' 24.8961"	E 78° 18' 57.6707"
N 13° 07' 24.8753"	E 78° 18' 57.1178"
N 13° 07' 27.1289"	E 78° 18' 55.2998"

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	10-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	3,52,745 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.95 Crores (Rs. 95 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	34,71,290 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	3,35,108Tones / Annum (excluding waste)
11	CER Activities: To grow1000 No. of additional plantation on either side of the approach road from quarry location to Devarayasamudra Village Road	
12	EMP Budget	Rs. 20.25Lakhs (Capital Cost) & Rs. 8.91Lakhs (Recurring cost)
13	Forest NOC	28.08.2015
14	Quarry plan	29.04.2023
15	Cluster Certificate	19.05.2023
16	Revenue	25.01.2023
17	Notification	29.03.2023
18	JIR	15.03.2023

The Committee initially noted the complaint received through email (kumarsals199@gmail.com) on 12th July 2023 for the present proposal and at the time of appraisal sought clarification for the following observations from the project Proponent and Consultant.

Compliant: Sri. T Kumar applied for Environmental Clearance on 02.02.2019 for environmental clearance but we could not attend the meeting due to health issues. Now I got to know that there is one more file which is in the name of M/s. Nanjundeshwara Enterprises

bearing file number SEIAA 248 MIN 2023 having extent 10-00 acres. It is within 500 m from our site. As I have applied earlier before him, I request you to consider our file first before his file and consider his file under B1 category.

Reply : Proponent submitted clarification from DMG dated 13.07.2023 as per which, it is informed that as per the Hon'ble HC Orders and KMMCR 1994 amendment Rules 2023, the two applications of Sri. T Kumar has been notified on 06.07.2023 and Sri. T Kumar has not yet submitted quarry plan for approval. The Proponent requested that the proposals of Sri T Kumar notified on 06.07.2023, are to be considered as new proposals.

The Committee noted the clarification given by Proponent and appraised the project. The Committee noted that in the RTC total area in the proposed Survey Number is 1466.32 Acres out of which about 1011.00 Acres is Forest land and there is no clear information whether the applied area is Forest area or Non-Forest area.

Hence, the Committee decided to defer the appraisal of the project in want of clear recent Forest NOC.

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

300.46 Renewal Building Stone Quarry Project at Miyaru village Karkala Taluk, Udupi District (0-75 Acres) by Smt. Shalet D Souza - Online Proposal No.SIA/KA/MIN/432339/2023 (SEIAA 251 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Smt. Shalet D Souza
2	Name & Location of the Project	Renewal Building Stone Quarry Project at Sy. No. 343 of Miyaru village Karkala Taluk, Udupi District (0-75 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]	Government
6	Area in Acres	0-75 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	12,755 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	78.939 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	12,500Tones / Annum (excluding waste)

Latitude	Longitude
N13°11'24.2"	E 75°02'17.7"
N13°11'26.0"	E 75°02'17.8"
N13°11'26.30"	E 75°02'19.4"
N13°11'24.3	E 75°02'19.3"

11	CER Activities: To grow 100 No. of additional plantation on either side of the approach road from quarry location to Miyaru Village Road	
12	EMP Budget	Rs. 10.50Lakhs (Capital Cost) & Rs. 2.56Lakhs (Recurring cost)
13	Forest NOC	03.02.2023
14	Quarry plan	23.05.2023
15	Cluster Certificate	31.05.2023
16	Revenue	23.01.2023
17	Notification	28.02.2023
18	Audit Report	07.03.2023

The Committee initially sought clarification for the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposal is for renewal for which lease was granted earlier on 02.09.2011 with QL No. 331 and the lease was non-operational from 2015-16 till date and justified the same as per the audit report issued by DMG dated 07.03.2023.

For 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 24.12.2014 till date and no environmental damages has been caused and requested the Committee not to consider the proposal under violation category.

The Committee after discussion, informed the Proponent to get clarification from DMG regarding the date of stoppage of mining activity in order to comply with the cut off dates issued by SEIAA for categorization of proposals. Hence the Committee decided to defer the appraisal.

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

300.47 Shahabad Stone Quarry Project at Shahabad Village, Chittapur Taluk Kalaburagi District (1-00 Acre) by Sri Channappa - Online Proposal No.SIA/KA/MIN/432734/2023 (SEIAA 269 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Channappa
2	Name & Location of the Project	Shahabad Stone Quarry Project at Sy.No.131/1 of Shahabad Village, Chittapur Taluk Kalaburagi District (1-00 Acre)
3	Type Of Mineral	Shahabad Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta

Latitude	Longitude
N 17°07'32.6"	E 76°56'52.7"
N 17°07'30.3"	E 76°56'53.9"
N 17°07'29.7"	E 76°56'52.3"
N 17°07'32.0"	E 76°56'51.1"

6	Area in Acres	1-00 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	2,255 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 2.50 Crores (Rs. 250 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	26,300 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,353Tones / Annum (excluding waste)
11	CER Activities: To grow 100 No. of additional plantation on either side of the approach road from quarry location to Shahabad Village Road	
12	EMP Budget	Rs. 5.65Lakhs (Capital Cost) & Rs. 1.77Lakhs (Recurring cost)
13	Forest NOC	16.04.2018
14	Quarry plan	31.10.2018
15	Cluster Certificate	24.04.2023
16	Revenue	15.03.2018
17	Notification	19.09.2018

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 top soil has been removed to know the mineral deposit and no mining has been carried out and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there are eight leases in a radius of 500 mtrs from the applied lease and 3 leases with area of 8-01 Acre are only notified areas and the total area of other leases including the applied lease is 10-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 740 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 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 para`meters 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 26.300 cum (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 2,255 cum/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 handle the waste generated by obtaining necessary permission.

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

300.48 Building Stone Quarry Project at Gummalapura village, Chikkaballapura Taluk & District (0-25 Acres) by Sri S. Chandrashekar - Online Proposal No.SIA/KA/MIN/433101/2023 (SEIAA 265 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri S. Chandrashekar
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 04 of Gummalapura village Chikkaballapura Taluk & District (0-25 Acres)

Latitude	Longitude
N 13°34'37.3692"	E 77°43'49.4500"
N 13°34'37.6500"	E 77°43'50.1412"
N 13°34'34.6081"	E 77°43'51.4551"
N 13°34'34.2602"	E 77°43'51.4392"
N 13°34'34.0692"	E 77°43'50.6483"
N 13°34'35.5373"	E 77°43'50.2634"

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	0-25 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	8,163 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.15 Crores (Rs. 15 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	97,331 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	8,000Tones / Annum (excluding waste)
11	CER Activities: To grow 125 No. of additional plantation on either side of the approach roadfrom quarry location to Gummalapura Village Road	
12	EMP Budget	Rs. 6.52Lakhs (Capital Cost) & Rs. 1.94Lakhs (Recurring cost)
13	Forest NOC	08.04.2013
14	Quarry plan	09.06.2023(Manual)
15	Cluster Certificate	09.06.2023
16	JIR	19.12.2011
17	Notification	30.05.2023

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 project area is Govt. land and no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there are sixteen other leases in a radius of 500 mtrs from the applied lease and 12 leases are exempted from cluster as they are grey granite leases (non-homogeneous mineral) and the total area of remaining leases for black stone quarry including the applied lease is 3-05 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1390 meters connecting lease area to the all-weather black topped road. The Committee informed that the production should be commenced only after strengthening the approach road to the quarry and the 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 97,331 tons (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 8,163 tons/Annum (including waste), with following consideration.

1. Proponent agreed to strengthen the approach road to the quarry & road connecting crusher as per IRC norms
2. To grow trees all along the approach road during the first year of operation.

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

300.49 Building Stone Quarry Project at Gummalapura village, Chikkaballapura Taluk & District (0-20 Acres) by Sri K. Manjunath - Online Proposal No.SIA/KA/MIN/433033/2023 (SEIAA 262 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri K. Manjunath
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No.04 of Gummalapura village Chikkaballapura Taluk & District (0-20 Acres)
3	Type Of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal,	Government

Latitude	Longitude
N 13°34'37.6552"	E 77°43'46.3701"
N 13°34'38.4081"	E 77°43'48.2382"
N 13°34'37.4001"	E 77°43'48.6643"
N 13°34'36.6754"	E 77°43'46.7894"

	Private / Patta, Other]	
6	Area in Acres	0-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	9,184 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.12 Crores (Rs. 12 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	1,08,511 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	9,000Tones / Annum (excluding waste)
11	CER Activities: To grow 100 No. of additional plantation on either side of the approach roadfrom quarry location to Gummalapura Village Road	
12	EMP Budget	Rs. 6.35Lakhs (Capital Cost) & Rs. 1.59Lakhs (Recurring cost)
13	Forest NOC	08.04.2023
14	Quarry plan	07.06.2023
15	JIR	19.12.2011
16	Notification	29.05.2023

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 project area is Govt. land and no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there are sixteen other leases in a radius of 500 mtrs from the applied lease and 12 leases are exempted from cluster as they are grey granite leases (non-homogeneous mineral) and the total area of remaining leases for Building Stone Quarry including the applied lease is 3-05 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1390 meters connecting lease area to the all-weather black topped road. The Committee informed that the production should be commenced only after strengthening the approach road to the quarry and the 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 1,08,511 tons (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 9,184 tons/Annum (including waste). with following consideration.

1. Proponent agreed to strengthen the approach road to the quarry & road connecting crusher as per IRC norms.
2. To grow trees all along the approach road during the first year of operation.

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

300.50 Building Stone Quarry Project at Gummalapura Village, Chikkaballapura Taluk & District (0-20 Acres) by Sri S. H. Nagaraj - Online Proposal No.SIA/KA/MIN/433077/2023 (SEIAA 263 MIN 2023)

About the project:

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri S. H. Nagaraj
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 04 of Gummalapura village, Chikkaballapura Taluk & District (0-20 Acres)

Latitude	Longitude
N 13°34'38.6292"	E 77°43'45.9091"
N 13°34'39.3900"	E 77°43'47.8224"
N 13°34'38.4081"	E 77°43'48.2382"
N 13°34'37.6552"	E 77°43'46.3701"

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	0-20 Acre
7	Annual Production (Metric Ton / Cum) Per Annum	8.183 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.12 Crores (Rs. 12 Lakhs)
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	87,587 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	8,000Tones / Annum (excluding waste)
11	CER Activities:To grow 100 No. of additional plantation on either side of the approach roadfrom quarry location to Gummalapura Village Road with	
12	EMP Budget	Rs. 6.35Lakhs (Capital Cost) & Rs. 1.59Lakhs (Recurring cost)
13	Forest NOC	08.04.2013
14	Quarry plan	07.06.2023
15	Cluster Certificate	09.06.2023
16	JIR	19.12.2011
17	Notification	29.05.2023

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 project area is Govt. land and no mining has been carried out by Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there are sixteen other leases in a radius of 500 mtrs from the applied lease and 12 leases are exempted from cluster as they are grey granite leases (non-homogeneous mineral) and the total area of remaining leases for Building Stone Quarry including the applied lease is 3-05 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 1380 meters connecting lease area to the all-weather black topped road. The Committee informed that the production should be commenced only after strengthening the approach road to the quarry and the 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 87,587 tons(including waste) and estimated the life of mine to be11years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 8,183 tons/Annum (including waste), with following consideration,

1. Proponent agreed to strengthen the approach road to the quarry & road connecting crusher as per IRC norms
2. To grow trees all along the approach road during the first year of operation.

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

300.51 Grey Granite Quarry Project at Vyasa Nandihal Village, Maski Taluk, Raichur District (5-20 Acres) by Sri Ameensab Kamalapur - Online Proposal No.SIA/KA/MIN/436200/2023 (SEIAA 305 MIN 2023)

About the project:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Ameensab Kamalapur
2	Name & Location of the Project	Grey Granite Quarry Project at Sy. No.25/*/3 of Vyasa Nandihal village, Maski Taluk, Raichur District (5-20 Acres)

Latitude	Longitude
N 15° 59" 01.10"	E 76° 28" 05.90"
N 15° 59" 02.80"	E 76° 27" 58.40"
N 15° 59" 06.10"	E 76° 27" 58.90"
N 15° 59" 04.50"	E 76° 28" 04.70"
N 15° 59" 04.50"	E 76° 28" 06.10"

3	Type Of Mineral	Grey Granite Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest. Government Revenue. Gomal. Private / Patta, Other]	Patta
6	Area in Acres	5-20 Acres

7	Annual Production (Metric Ton / Cum) Per Annum	11,667 Cum/ 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	4,72,996.33 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	8,167 Cum/ Annum (recovery)
11	CER Activities:	

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

12	EMP Budget	Rs. 51.33 Lakhs (Capital Cost) & Rs. 12.94 Lakhs (Recurring cost)
13	Forest NOC	17.03.2022
14	Cluster Certificate	07.07.2023
15	Revenue	23.09.2022
16	DTF	23.03.2023
17	Notification	01.07.2023
18	AQP	07.07.2023

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 earlier the proposed area was in the name of Sri. Nazeer Bahaddur Khan S/o Yaseen Khan of Mudugal and he had carried out quarrying without obtaining any approvals or licenses in the year 2010 and this was reported to PSI of Mudgal on 22.03.2010 and case was registered in 2010. Penalty was paid by the earlier owner and the case was closed by the II ADDL. DIST & SESSIONS JUDGE in Raichur. As this was carried out prior to 2012. the proposal does not attract violation as per Hon'ble SC Orders dated 27.02.2012 and no mining has been carried out by the present Proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there are another 16 leases in a radius of 500 mtr from the said lease out of which15 leases are exempted from cluster as leases were granted prior to 09.09.2013 and the total area of the remaining leases including the applied lease is 11-03 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 860 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 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 4,72,996.33 cum (including waste) and estimated the life of mine to be co-terminus with the lease period.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 11,667 cum/Annum (including waste), with following consideration.

1. Proponent agreed to strengthen the approach road to the quarry & road connecting crusher as per IRC norms
2. To grow trees all along the approach road during the first year of operation.
3. Proponent agreed to handle the waste generated by obtaining necessary permission.

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

300.52 **Educational Development Plan Project at Yalachahalli Village, Nandgudi Hobli, Hoskote Taluk, Bangalore Rural District by M/s. Garden City Education Trust (Regd.) - Online Proposal No.SIA/KA/INFRA2/415466/2023 (SEIAA 105 CON 2023)**

About the project:

Sl. No		PARTICULARS	INFORMATION PROVIDED BY PP
1		Name & Address of the Project Proponent	Dr. Joseph V.G, Chairman M/s. Garden City Education Trust (Regd.) Registered office at GCC House, No. 340. 5th Main, Indiranagar, Double Road,1st Stage Indiranagar, Bangalore – 560 038
2		Name & Location of the Project	Educational Development Plan of M/s. Garden City Education Trust (Regd.) at Sy. Nos. 73/5, 73/6, 74/2, 126 & 127, at Yalachahalli Village Nandgudi 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	Proposed Educational Development Plan
	b.	Residential Township/ Area Development Projects	No
4		New/ Expansion/ Modification/ Renewal	Expansion
5		Water Bodies/ Nalas in the vicinity of project site	Nala 50.0 m away from the Project site.
6		Plot Area (Sqm)	52,886.62 sq.m.
7		Built Up area (Sqm)	72,826.82 sq.m.
8		FAR • Permissible • Proposed	Net FAR = 69,993.35 Sq.m Achieved FAR: 1.49 Permissible FAR : 2.48
9		Building Configuration [Number	Construction 6 Blocks for 3 Hostels. Library.

	of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Auditorium and Sports and Administrative block, Administrative Block having Ground Floor + 6 Upper Floors + Terrace Floor, Girl's Hostel Block -1 having Ground Floor + 5 Upper Floors + Terrace Floor, Library Block having Ground Floor + 5 Upper Floor + Terrace Floor, Girl's Hostel Block - 2 having Ground Floor + 8 Upper Floor + Terrace Floor. Boy's Hostel Block having Ground Floor + 8 Upper Floors + Terrace Floor and Auditorium and Sports Block having Ground Floor + 2 Upper Floors + Terrace Floor. Hostels have total 808 rooms.
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	808 Rooms
11	Height Clearance	Site Elevation in AMSL : 903 Permissible top elevation in AMSL : 1065 Difference in meters : 162 Height proposed : 29.80 m
12	Project Cost (Rs. In Crores)	Rs. 144 Crores
13	Disposal of Demolition waster and or Excavated earth	**Excavated Earth** Details: Quantity in m^3 Back filling for footings: 18,134.05 Site filling required: 3,327.85 Back filling for retaining wall: 2.77,580.30 Top soil for Landscaping: 9,292.52 Filling for internal roads: 9,011.08 Total: 3.17,345.81
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	12.952.89 Sq.m (28.02%)
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification. 2006	15.256.37 Sq.m (33.00%)
d.	Internal Roads	18.022.17 Sq.m (38.98%)
e.	Paved area	
f.	Others Specify	--
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	46.231.43 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	203.89
			Recycled	119.48
			Total	323.37
	b.	Source of water	Gram Panchayat	
	c.	Waste water generation in KLD	307.20 KLD	
	d.	STP capacity	310 KLD	
	e.	STP Area	411.24 Sq.m	
	f.	OWC Area	153.6 Sq.m	
	g.	OWC Capacity	6 Tons	
	h.	Technology employed for Treatment	SBR Technology	
	i.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused fortoilet 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	699 Cu.m	
	b.	No's of Ground water recharge pits	46 No's	
17		Storm water management plan	The storm water from the site will be collected byrainwater harvesting system and will be used forrecharging the ground water	
18		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic andInorganic waste. Organic waste will be converted inOrganic convertor. Inorganic solid waste will behanded over to authorized recyclers	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	237.24 kg/day. Biodegradable waste will be converted in organic convertor	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	158.16 kg/day. Non- Biodegradable waste will behanded over to authorized recyclers	
	c.	Quantity of Hazardous Waste generation and mode of Disposal	Nil	

		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	3,500 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 X 1500 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	Solar Power Generation : • In non-monsoon season 800kWH x 30 x 8 Months = 1,92,000 kWH • In monsoon season 500kWH x 30 x 4 Months = 60,000 kWH • Total SPV Power Generation in a year = 2.52 L kWH / Annum • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = 2.52 L KWH • Total energy savings = 24.65%
20		PARKING	
	a.	Parking Requirement as per norms	Parking Provided is 236 Ecs which is as Per NBC and MoEF Norms
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Chikkanahalli Gate - Malur Road –LOS – B
	c.	Internal Road width (RoW)	5.5 m
21		CER Activities Proposed	CER Activities Proposed CER Action Plan: Under CER we have proposed 5 years for the CER activities (Greenfield project – 2% of project cost - >100 <500 crores):

Year	Corporate Environmental Responsibility (CER)
1st	Rain Water Harvesting in GLPS in Yalachahalli
2nd	Avenue planation and planation in GLPS in Yalachahalli
3rd	Solar Panels Provision in GLPS in Yalachahalli
4th	Health camp in GLPS in Yalachahalli
5th	

22	EMP • Construction phase • Operation Phase	EMP (Construction & Operation) **Operation Phase**: Recurring Cost Per Annum = 40.46 lakhs; Capital Cost = 500.99 lakhs **Construction Phase**: Recurring Cost Per Annum = 19.08 lakhs; Capital Cost = 68.99 lakhs

The proposal was earlier considered in 2987th SEAC meeting and as the Proponent remained absent the Committee had deferred the project.

In the present meeting the Proponent informed the Committee that the proposal is for expansion of educational institution from BUA of 58,703.98 Sqm to 72,826.82 Sqm, where in the proposed hostel building BUA is proposed to be increased from 17,563.73 Sqm to 35,395.86 Sqm, which is crossing the threshold of 20,000 Sqm and hence have applied for EC. Proponent has obtained plan sanction from Hoskote Planning Authority on 07.07.2020 for ongoing construction and submitted latest site photographs and informed that only foundation works of education building is being constructed.

The Committee during appraisal sought details regarding drains as per village map and provisions made for harvesting rain water in the proposed area and activities carried out in the proposed buildings. The Proponent informed the Committee that the buffer zone to the drain in north eastern side of the project site area is outside the site area. For harvesting rain water, Proponent informed that they had proposed RWH tanks of 699 cum capacity for runoff from rooftop and another tank of 865 cum capacity for runoff from hardscape and landscape areas within the project area in addition to 46 nos of recharge pits.

Further the Committee informed the Proponent to use sustainable building materials in the proposed project and to construct lead of drains till the natural drains/water body, to which the Proponent agreed.

The Proponent agreed to grow 575 trees in the project site area. 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 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 RWH tanks/sump of 699 cum & 865 cum capacity and 46 nos of recharge pits.
2. To grow trees during the construction phase itself.
3. Proponent agreed to source external water from KGWA approved water tankers.
4. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.
5. Proponent agreed to construct road with drains in surrounding villages.

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

300.53 Expansion of Bulk Drugs and Pharmaceutical Intermediate Manufacturing Unit Project at Nanjangud Village & Taluk Mysore District by M/s.Solara Active Pharma Sciences Ltd. - Online Proposal No.SIA/KA/IND3/247506/2021 (SEIAA 66 IND 2021)

About the Project:-

Sl. No	PARTICULARS	INFORMATION
1.	Name of the project proponent:	Mr. Ravi, Authorized Signatory M/s Solara Active Pharma Sciences Limited
2.	Name & Location of the project:	Expansion of Bulk Drugs And Pharmaceutical Intermediate Manufacturing Unit Sy. Nos. 223/3, 224, 250/1, 250/2, 250/3, 250/4, 251/1, 251/2, 251/3, 251/4, 251/5, 251/6, 252/1, 252/2A, 252/2B, 252/3, 252/4, 253/1, 253/2, 254/1, 254/2A, 254/2B, 265/1, 265/2, 265/3, 265/4, 265/5, 265/6, 265/7, 265/8, 265/9, 265/10, 266/1, Nanjangud Taluk, Mysore District - 571301,
3.	New /expansion/modification / product mix change:	Expansion
4.	Plot Area	1,22,379 sqm
5.	Total Production Capacity	2170.2 TPA
6.	Project Cost	160 Crores.
7.	Component of development	Production Block, Shed etc.,
8.	Source of water -operational phase	KIADB supply
9.	Total Water Requirement (Domestic + Industrial) in KLD	607.2 KLD
10.	Fresh Water in KLD Recycled water in KLD	403.8 KLD 203.4 KLD
11.	Total wastewater generation in KLD	581.6 KLD
12.	Total effluents generation in KLD	215.5 KLD
13.	Scheme of disposal of excess treated water	Recycled/reused to utilizes and plant is based on ZLD system.
14.	ETP Capacity	ETP-450 KLD, followed by MEE-200 KLD
15.	STP Capacity	STP-35 KLD
16.	Waste Generation & its Disposal	581.6 KLD
17.	Municipal Solid Waste	78 kg/day
19.	Green Belt Coverage - % of total area	56,379.26 sqm (46%)
18.	EMP	Capital cost: 170 lakhs Recurring cost: 45.0 lakhs
19.	CER Activities	a)Plantation in Thandya village and maintenance for three years b)Provision of solar street lights around project area c)Development of infrastructure of school around project area. d)RO Water plant installation around project area e)Healthcare development of masks, gloves, PPE kits, stretchers, tables, wheelchairs, etc.

The proposal was earlier considered in 292nd SEAC meeting and deferred the project to have site visit to know the functioning of existing unit and the present site condition. Accordingly the Sub-Committee had visited the site on 06.03.2023 and the report of the Sub-Committee was accepted in 294th SEAC meeting and the details/clarification sought by the Sub-Committee to the Proponent were recorded in minutes of 294th SEAC meeting.

Proponent in the present meeting submitted point wise compliance to the observations of the Sub-Committee,

1) *Revise the Conceptual plan for the proposed expansion Area*

   The Proponent informed that they had updated the conceptual plan demarcating existing and proposed expansion

2) *Quantify and Submit the details of Multiple effect evaporator (MEE)residue handling / disposal methods*

   The Proponent informed that Industry is committed and planning to install the MVR for the treatment of industrial effluent having capacity of 25 KLD. The condensate water generated from the MVR shall be used in utilities. The MVR design and parameter details were shown. The self-cleaning evaporator to be used in MVR, the way to go as to save on primary energy when treating effluent and maximizing the potential of the self-cleaning heat exchanger technology. The residue of MVR will be sent to ATFD and generated salt to be disposed to KSPCB authorized secured landfill.

No. of Effects	MVR Technology
Waste Handling Capacity	1.75 m^3 / day
Feed Rate	1000 kg / hour (24 working hours / day)
Feed Concentration	12.5 % TDS
Feed inlet Temperature	32 degree Celsius
Product Rate	417 kg / hour
Product Concentration	30% total solids
product Temperature	38 degree Celsius
Water Evaporation rate	800 kg/hour
Sludge generation rate	10%
Disposal mechanism	Salt to be disposed to secured landfill. (KSPCB authorized dealers)

3) *Submit the location of POCl3 Isolation storage tank and anticipated impacts and mitigation measures to handling and nearby habitats*

The Proponent informed the following,

1. Storing the highly toxic chemicals in a dedicated cabinet.

2. Labels will be maintained on all toxic storing materials.

3. Every chemical would be identifiable storage place and will be returned to that location after use.

4. A storage scheme is being developed in each chemical storage area to ensure the segregation of incompatibles and efforts would be made to isolate particularly flammable, reactive, and toxic materials.

5. POCl3 chemicals will be stored in unbreakable chemically-resistant containers.

6. Adequate ventilation will be provided in storage areas especially for toxics with high vapour pressures.

7. All dispensing of these materials will be conducted in a fume hood.

8. Appropriate spill control, clean-up and emergency equipment would be available wherever chemicals are stored.

9. Each storage area would at least 1 large sink, safety shower, eyewash station, and would have an appropriate fire extinguisher with adequate extinguishing capacity.

10. Large containers would be stored on lower shelves. No chemicals would be stored above eye level and avoid top shelf chemical storage. Chemicals will not be stored on the floor.

11. Metal shelving assemblies would be of heavy gauge construction with a durable bakedon chemically resistant or epoxy finish.

12. Wherever highly toxic chemicals are stored and would be released, self-contained escape respirators or self-contained breathing apparatus would be made available.

4) *Revalidate R&D facility and Job Work proposed production quantity (~50 TPD - 120 TPD) and calculate the pollution load for the same.*

The Proponent informed that the R & D products and Job work would be considered as a custom synthesis product with respect to new synthesis/molecule development of products as per the market demand/requirement. The pollution load would be maximized 5% from the total proposed product manufacturing capacity.

5) *Additional measures to minimize Sulphur Dioxide (SO2) release into atmosphere.*

The Proponent informed that the less sulphur content fuel to be used for utilities. The unit would commit to use the cleaner fuels like natural gas/briquettes/HSD.

Further, the best available technology will be placed on air pollution control equipment such as Double Stage Alkali Scrubber & Wet Scrubbers will be installed for process and utilities section. This would reduce the SO2 emission and would be able to meet the NAAQS 2009.

6) *Rework on Rain water harvesting plan and submit the plan considering natural slope, feed / collection details as per site condition*

The Proponent informed that in the proposed project rain water collection tank at the site to be constructed by collecting the runoff from roof top.. Total roof top runoff is 739 m^3/hr, the proposed collection tank capacity is 200 KL x 4 Nos which would be installed low lying area to natural way runoff.

7) *Submit the scrubbers proposed and sludge handling details*

The Proponent informed that they are committed to install the two stage alkali scrubbers in manufacturing division and pollutant to be discharge as per the CPCB prescribed standards. The generated scrubber blowdown to be treated by ZLD system based ETP. The scrubber sludge to be disposed to KSPCB authorized dealer.

8) *Onsite and offsite Disaster (natural and Man- Made) Preparedness management plan should be linked with District Disaster Management plan*

The Proponent submitted onsite and offsite disaster management plan & Factory license.

9) *Submit action plan for the green belt development plan in 33% area. i., land with not less than 1500 tress per ha. It shall be around the project boundary and along the roads. the species shall contain Aromatic and native species, overlay in the layout plan the existing species and proposed species.*

The Proponent informed that the green belt is being developed in nearly 46% of the total project area. A total of 56,379.26 sqm (46%) is being proposed to designated for the development of greenery along the plant periphery. The proposed unit is started the landscaping activities fully at the site as per the proposed layout.

10) *Submit the details adoption of school and infrastructure development in hospital in CER fund in the vicinity of the project area.*

The Proponent informed that in CER following activities to be undertaken.

a) Plantation in Thandya village and maintenance for three years

b) Provision of solar street lights around project area

c) Development of infrastructure of school around project area.

d) RO Water plant installation around project area

e) Healthcare development of masks, gloves, PPE kits, stretchers, tables, wheelchairs, etc.

11) Submit CCR compliance observations by MoEF&CC

The Proponent informed that there were no non-compliances in CCR issued by MoEF&CC.

The Committee accepted the clarifications given by the Proponent and appraised the project.

The proposal is for expansion of Bulk Drugs and pharmaceutical intermediates manufacturing unit, for which SEIAA issued EC on 11.04.2017 for production of five products with 448 TPA capacity in plot area of 59,043.18 Sqm and BUA of 6,652.41 Sqm and now the proposal is for 40 products with capacity of 2000.20 TPA, in plot area of 1,22,379 Sqm and BUA of 24,460.41 Sqm. The Proponent informed that they had obtained CCR from MoEF&CC dated 31.05.2022 for earlier EC. The Proponent informed the Committee that as per the provisions under MoEF&CC Notification 16.07.2021, projects applied under 5(f) API category between 16th July 2021 to 31st July 2021, needs to be appraised as B2 proposals and as the present proposal was applied on 30.12.2021. it has been categorized as B2 project.

The proponent informed the Committee about the existing and proposed product and its capacity as below.

S.No	Product	CAS No.	Existing Qty (TPA)	Proposed Qty (TPA)	Total Quantity (TPA)	Therapeutic Usage	Remarks
1	Buparavaquone	88426-33-9	12	-	12	Antiprotozoal drug	Existing
2	Praziquantel	55268-74-1	300	-	300	Antiprotozoal drug	Existing
3	S-Methoprene Ammonium Salt	65733-16-6	12	-	12	Insecticide	Existing
4	Ractopamine Hydrochloric Acid	90274-24-1	24	-	24	Animal feed additive	Existing
5	Calciumphosphoryl choline chloride	4826-71-5	100	-	100	Chemical	Existing
6	Risperidone	106266-06-2	-	37.6	37.6	Antipsychotics	Proposed
7	Sevelamar Carbonate	845273-93-0	-	2.7	2.7	Anti-hyperphosphatemia	Proposed
8	Gabapentin	60142-96-3	-	37.6	37.6	Anti-Convulsant	Proposed
9	Luliconazole	187164-19-8	-	45	45	Anti-Fungal	Proposed

10	Dexlansoprazole	138530-94-6	-	60	60	Anti- Ulcer	Proposed
11	Ravuconazole	182760-06-1	-	60	60	Anti- Fungal	Proposed
12	Avibactam Sodium	1192491-61-4	-	60	60	Antibacterial	Proposed
13	Rifaximin	80621-81-4	-	60	60	Antibiotic	Proposed
14	Sertaconazole Nitrate	99592-39-9	-	45	45	Anti- Fungal	Proposed
15	Dithranol	480-22-8	-	60	60	Anti-Psoriasis	Proposed
16	Lamotrigine	84057-84-1	-	45	45	Anti- Convulsant	Proposed
17	PiroctoneOlamine (Dandoff)	68890-66-4	-	30.5	30.5	Antifungal and Antimicrobial	Proposed
18	4-Bromo butyl-3,4-dimethoxybenzoate (MEBR)	1260668-38-9	-	60	60	Chemical or Intermediate	Proposed
19	N-Ethyl-[1-(4-methoxyphenyl)-propan-2-amine (MPAP)	7087-68-5	-	45	45	Chemical or Intermediate	Proposed
20	2-(3,4-Dimethoxyphenyl)-3-methylbutanenitrile	20850-49-1	-	60	60	Chemical or Intermediate	Proposed
21	2-(3,4-dimethoxyphenyl)-N-methylethanamine	7417-21-2	-	45	45	Chemical or Intermediate	Proposed
22	Ethyl MethoxyCrylene (EMC)	14442-38-7	-	60	60	Skin care	Proposed
23	6-Fluoro-3-(4-piperidinyl)-1,2-benzisoxazole Hydrochloride	84163-77-9	-	45	45	Chemical or Intermediate	Proposed
24	3-(2-Chloroethyl)-2-methyl-6,7,8,9-tetrahydro-4H-pyrido [1,2-a]pyrimidine-4-one Hydrochloride	93076-03-0	-	60	60	Chemical or Intermediate	Proposed
25	Mesalamine	89-57-6	-	45	45	Anti-inflammatory agents,	Proposed
26	Celecoxib	169590-42-5	-	30.5	30.5	Anti-inflammatory agents,	Proposed

27	Rebamipide	90098-04-7	-	60	60	Gastroprotective agent	Proposed
28	Venlafaxine Hydrochloride	99300-78-4	-	34.7	34.7	Anti- depressants	Proposed
29	Olanzapine	132539-06-1	-	34.7	34.7	Antipsychotics	Proposed
30	Raloxifene Hydrochloride	82640-04-8	-	37.6	37.6	Antiresorptive	Proposed
31	2,6-Dihydroxy Acetophenone	699-83-2	-	34.7	34.7	Chemical or Intermediate	Proposed
32	3,4-Diethoxyphenylethylamine	120-20-7	-	37.6	37.6	Intermediate	Proposed
33	3,4-Dimethoxy phenyl acetonitrile (Homo veratronitrile)	93-17-4	-	60	60	Intermediate	Proposed
34	Pinaverium Bromide	53251-94-8	-	34.7	34.7	spasmolytic agent	Proposed
35	Phthalimido Amlodipine	88150-62-3	-	34.7	34.7	Intermediate	Proposed
36	Itopride Hydrochloride	122892-31-3	-	45	45	Gastroprokinetic agent	Proposed
37	Minoxidil	38304-91-5	-	34.7	34.7	Anti-hypertensive	Proposed
38	Doxylamine Succinate	562-10-7	-	37.6	37.6	Antihistamine	Proposed
39	Diacerein	237-310-2	-	37.6	37.6	Non-steroidal antiinflammatory and Antirheumatic	Proposed
40	Linezolid	165800-03-3	-	34.7	34.7	Antibiotic	Proposed
	TOTAL		**448**	**1554**	**2000.2**		

The proponent informed the committee that at any given point of time Maximum of ten products would be manufactured.

Details of Process, emission generation and its management

Gaseous emission

S. No.	Source	Chimney - Individual / Common	Capacity	Fuel type	Height, M	Emissions	Nature of pollutants likely to present in the stack gases
1	D.G. Set – 2 Nos	Individual	500KVA	HSD	10 AGL	Chimney	SOx, NOx, SPM, CO, NMHC
2	D.G. Set - 2 Nos	Individual	1010 KVA	HSD	10 AGL	Chimney	SOx, NOx , SPM, CO, NMHC
3	Boiler -Briquette/ Coal	Common	750 Kgs	Briquette	30 AGL	Chimney	PM, SOx& NOx.
4	Boiler -FO		2 T/hr	F.O.	30 AGL	Chimney	PM,SOx& NOx.
5	Boiler – Briquette/coal – 1 Nos	Individual	4 T/hr	Briquette	30 AGL	Chimney	PM, SOx& NOx.
6	Boiler – Briquette/coal – 1 Nos	Individual	5 T/hr	Briquette	30 AGL	Chimney	PM, SOx& NOx.
7	Boiler – Briquette/coal – 1 Nos	Individual	10 T/hr	Briquette	30 AGL	Chimney	PM, SOx& NOx.
8	Plant Process Emission	Individual	NA	NA	5 m from Terrace	Scrubber	Acid Mist
9	Plant Process Emission	Individual	NA	NA	5 m from Terrace	Scrubber	
10	Plant Process Emission	Individual	NA	NA	5 m from Terrace	Scrubber	Acid Mist
11	Plant Process Emission	Individual	NA	NA	5 m from Terrace	Scrubber	Acid Mist
12	Analytical lab	Individual	NA	NA	3 m from terrace	Scrubber	Acid mist
13	Analytical lab	Individual	NA	NA	3 m from terrace	Scrubber	Acid mist

Details of Process emissions generation and its management.

S. No.	Name of the Gas	Quantity in Kg/Day	Treatment Method
1	Ammonia	28.00	Scrubbed by using chilled water media

2	Hydrogen	12.00	Diffused by using Nitrogen through Flame arrestor to avoid the formation of explosive mixture.
3	Carbon dioxide	240.00	Dispersed into the atmosphere
4	Oxygen	120.00	Dispersed into the atmosphere
5	Nitrogen	35.00	Dispersed into the atmosphere
7	Hydrogen chloride	320.00	Scrubbed by using chilled water media
8	Sulphur dioxide	4.00	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	1446.0TPA	Handed over to authorized vendors for incinerations/ Co -processing in cement plant/AFRF.
2	Spent Carbon	28.3	414MT/A	Handed over to authorized vendors for incinerations/ Co -processing in cement plant/AFRF.
3	Spent catalyst	28.2	188 MTA	Dispose to KSPCB authorized TSDF facility.
4	Spent solvents	28.6	15000 KL/A	KSPCB authorized recyclers.
5	Used oil	5.1	18 KL	Disposed to authorized recyclers.
6	Discarded containers /barrels. liners containing hazardous material.	33.3	76.6 TPA	Handed over to authorized recyclers after detoxification.
7	ETP sludge	34.3	520 MT/A	Handed over to authorized vendors for landfilling/ Co -processing in cement plant/AFRF.
8	Oil & process filters	35.1	2 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	10 MT/A	Handed over to authorized vendors for incinerations/ Co -processing in cement plant/AFRF.
10	MEE salt	35.3	4500 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	50 TPA	Handed over to authorized vendors for incinerations/ Co -processing in cement plant/AFRF.
12	Stripper distillate	35.1	3500 KL/A	Handed over to authorized vendors for incinerations/ Co -processing in cement plant/AFRF.

As per O.M issued by MoEF&CC, dated 28.01.2021 the proponent submitted the following pollution load information,

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	Processorganic kg/day	Processinorganic kg/day	Spent carbon kg/day	Processemission kg/day
					TDS	COD	HTDS KL	LTDSin KL					
1	Buparavaquone	12	1	0.996	83.88	52.56	0.708	0.372	1.08	1.848	3.084	6.792	4.548
2	Praziquantel	300	25	24.9	2097	1314	17.7	9.3	27	46.2	77.1	169.8	113.7
3	S-Methoprene Ammonium Salt	12	1	0.996	83.88	52.56	0.708	0.372	1.08	1.848	3.084	6.792	4.548
4	Ractopamine Hydrochloric Acid	24	2	1.992	167.76	105.12	1.416	0.744	2.16	3.696	6.168	13.584	9.096
5	Calciumphosphoryl choline chloride	100	8.3	8.3	699	438	5.9	3.1	9	15.4	25.7	56.6	37.9
6	Risperidone	37.6	3.1	3.1208	262.824	164.688	2.2184	1.1656	3.384	5.7904	9.6632	21.2816	14.2504
7	Sevelamar Carbonate	2.7	0.225	0.2241	18.873	11.826	0.1593	0.0837	0.243	0.4158	0.6939	1.5282	1.0233
8	Gabapentin	37.6	3.1	3.1208	262.824	164.688	2.2184	1.1656	3.384	5.7904	9.6632	21.2816	14.2504
9	Luliconazole	45	3.75	3.735	314.55	197.1	2.655	1.395	4.05	6.93	11.565	25.47	17.055
10	Dexlansoprazole	60	5	4.98	419.4	262.8	3.54	1.86	5.4	9.24	15.42	33.96	22.74
11	Ravuconazole	60	5	4.98	419.4	262.8	3.54	1.86	5.4	9.24	15.42	33.96	22.74
12	Avibactam Sodium	60	5	4.98	419.4	262.8	3.54	1.86	5.4	9.24	15.42	33.96	22.74
13	Rifaximin	60	5	4.98	419.4	262.8	3.54	1.86	5.4	9.24	15.42	33.96	22.74
14	Sertaconazole Nitrate	45	3.75	3.735	314.55	197.1	2.655	1.395	4.05	6.93	11.565	25.47	17.055
15	Dithranol	60	5	4.98	419.4	262.8	3.54	1.86	5.4	9.24	15.42	33.96	22.74
16	Lamotrigine	45	3.75	3.735	314.55	197.1	2.655	1.395	4.05	6.93	11.565	25.47	17.055

17	Piroctone Olamine (Dandoff)	30.5	2.54	2.5315	213.195	133.59	1.7995	0.9455	2.745	4.697	7.8385	17.263	11.5595
18	4-Bromo butyl-3,4-dimethoxybenzoate (MEBR)	60	5	4.98	419.4	262.8	3.54	1.86	5.4	9.24	15.42	33.96	22.74
19	N-Ethyl-[1-(4-methoxyphenyl)-propan-2-amine (MPAP)	45	3.75	3.735	314.55	197.1	2.655	1.395	4.05	6.93	11.56	25.47	17.055
20	2-(3,4-Dimethoxyphenyl)-3-methylbutanenitrile	60	5	4.98	419.4	262.8	3.54	1.86	5.4	9.24	15.42	33.96	22.74
21	2-(3,4-dimethoxyphenyl)-N-methylethanamine	45	3.75	3.735	314.55	197.1	2.655	1.395	4.05	6.93	11.56	25.47	17.055
22	Ethyl MethoxyCrylene (EMC)	60	5	4.98	419.4	262.8	3.54	1.86	5.4	9.24	15.42	33.96	22.74
23	6-Fluoro-3-(4-piperidinyl)-1,2-benzisoxazole Hydrochloride	45	3.75	3.735	314.55	197.1	2.655	1.395	4.05	6.93	11.56	25.47	17.055
24	3-(2-Chloroethyl)-2-methyl-6,7,8,9-tetrahydro-4H-pyrido [1,2-a]pyrimidine-4-one Hydrochloride	60	5	4.98	419.4	262.8	3.54	1.86	5.4	9.24	15.42	33.96	22.74
25	Mesalamine	45	3.75	3.735	314.55	197.1	2.655	1.395	4.05	6.93	11.565	25.47	17.055
26	Celecoxib	30.5	2.54	2.5315	213.195	133.59	1.7995	0.9455	2.745	4.697	7.8385	17.263	11.5595
27	Rebamipide	60	5	4.98	419.4	262.8	3.54	1.86	5.4	9.24	15.42	33.96	22.74
28	Venlafaxine Hydrochloride	34.7	2.89	2.8801	242.553	151.986	2.0473	1.0757	3.123	5.3438	8.9179	19.6402	13.1513
29	Olanzapine	34.7	2.89	2.880	242.55	151.98	2.047	1.075	3.12	5.343	8.917	19.640	13.151

30	Raloxifene Hydrochloride	37.6	3.13	3.1208	262.824	164.688	2.2184	1.1656	3.384	5.7904	9.6632	21.2816	14.2504
31	2,6-Dihydroxy Acetophenone	34.7	2.89	2.8801	242.553	151.986	2.0473	1.0757	3.123	5.3438	8.9179	19.6402	13.1513
32	3,4-Diethoxyphenylethylamine	37.6	3.13	3.1208	262.824	164.688	2.2184	1.1656	3.384	5.7904	9.6632	21.2816	14.2504
33	3,4-Dimethoxy phenyl acetonitrile (Homo veratronitrile)	60	5	4.98	419.4	262.8	3.54	1.86	5.4	9.24	15.42	33.96	22.74
34	Pinaverium Bromide	34.7	2.89	2.8801	242.553	151.986	2.0473	1.0757	3.123	5.3438	8.9179	19.6402	13.1513
35	Phthalimido Amlodipine	34.7	2.89	2.8801	242.553	151.986	2.0473	1.0757	3.123	5.3438	8.9179	19.6402	13.1513
36	Itopride Hydrochloride	45	3.75	3.735	314.55	197.1	2.655	1.395	4.05	6.93	11.565	25.47	17.055
37	Minoxidil	34.7	2.89	2.8801	242.553	151.986	2.0473	1.0757	3.123	5.3438	8.9179	19.6402	13.1513
38	Doxylamine Succinate	37.6	3.13	3.1208	262.824	164.688	2.2184	1.1656	3.384	5.7904	9.6632	21.2816	14.2504
39	Diacerein	37.6	3.13	3.1208	262.824	164.688	2.2184	1.1656	3.384	5.7904	9.6632	21.2816	14.2504
40	Linezolid	34.7	2.89	2.8801	242.553	151.986	2.0473	1.0757	3.123	5.3438	8.9179	19.6402	13.1513
	Total	**2000.**	**166.5**	**165.8**	**13986.**	**8760.8**	**118**	**61.9**	**180.**	**308.3**	**514.0**	**1132.1**	**758.07**

	EFFLUENT WATER in KL per day								SOLID WASTE in kg/day				
Water input	Process Effluent	organics in effluents	Inorganic in effluents	TDSin kg	COD in kg	HTDS	LTDS	Total Effluent	Organic	In Organic	Spent carbon	Process Emission	Distillation residue
607.2	180.5	104.56	185.5	13986.9	8761.23	179.7	401.9	581.6	309.03	515.06	1134.24	12.5	3961.6

HAZARDOUS SOLID WASTE DETAILS

Organic solid waste	Inorganic solid waste	Spent Carbon	Distillation Residue
Kg/day	Kg/day	Kg/day	Kg/day
309.03	515.06	1134.24	3961.6

EMISSION DETAILS

Kg/day							
HCL	CO_2	NH_3	SO_2	H_2	N_2	CH_4	O_2
320	240	28	4.0	12.0	35	6.9	120

The Proponent has submitted 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.

The 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.

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

300.54 Expansion Of Sugar Plant Capacity From 12,000 Tcd To 14,000 Tcd Along With Existing Cogeneration Plant Of 60 Mwhr By M/s. Shivashakti Sugars Limited at Saundatti village & parts there of Yadrav village falling under the revenue limits of Raibag Taluku, Belagavi District M/s. Shivashakti Sugar Ltd. - Online Proposal No.SIA/KA/IND2/427909/2023 (SEIAA 25 IND 2022)

About the project:

S. No	PARTICULARS	INFORMATION PROVIDED BY PP
1.	Name & Address of the Project Proponent	Dr. Prabhakar B. Kore CTS No. 4094/1B1 & CTS No. 4094/1B2, 2nd Floor, Adarsha Central Mall, College Road, Belagavi, Karnataka. Pin: 590 001.
2.	Name & Location of the Project	M/s. Shivashakti Sugars Limited Sy. Nos.177 (Part), 178/1A, 178/1B & 178/2 of Saundatti Village & Sy. Nos. 5/1, 6/1A, 6/1B, 6/2A, 6/2B, 7/2, 95/2, 95/3, 98/1A, 98/1B-1, 98/1C, 98/2, 99/1, 99/2, 99/3 & 99/4 & parts of Yadrav village, Raibag Taluk, Belagavi District
3.	Co-ordinates of the Project Site	16°31'40.03"N, 74°43'25.27"E
4.	Type of Development as per schedule of EIA Notification. 2006 with relevant serial number	Category 5 (j) "Sugar Industry" as per schedule of EIA Notification. 2006. "Expansion of Sugar Plant capacity from 12,000 TCD to 14,000 TCD along with existing Cogeneration plant of 60 MWhr"
5.	New/ Expansion/ Modification/ Product mix change	Expansion
6.	Location and Environment Sensitivity	

Particulars	Details
Nearest Highway	NH-160– 5.23 Km (NW)
Nearest Railway station	Raybag (Raibag) Station – 9.75 km (SE)
Nearest Airport	Kolhapur airport – 47.63 km (NW) Belagavi airport – 73.48 km (S)
Nearest Water body	Arka Halla - 2.59 km (SW) Krishna River – 3.63 kms (NW) Peeranakodi Lake – 4.6 km (SW) Hulyal Keri – 5.54 km (SE) RaybagRajwada Keri – 7.41 km (SE)
Nearest Village	Soundattiwadi – 30 m (NW) Yadrav– 248 m (SE) Kachkawadi – 1.8 km (E) Saundatti – 2.03 km (NW) Nava Diggewadi - 2.04 km (NE) Nandikurli – 3.05 kms (SW) Nasalapur– 3.16 kms (W)
Nearest Town/City	Belagavi – 78.0 kms (SW)
Seismic Zone	Seismic zone-II as per IS-1893 (Part-1) - 2002
Interstate boundary	Karnataka-Maharashtra Interstate boundary – 9.6 km (NW)

7.	Plot Area (Acre)	97.15 Acres
8.	Ground Coverage Area	72,434 sqm
9.	Component of developments	Sugar Plant with capacity 14,000 TCD and cogeneration plant of 60 MWHr
10.	Project cost (Rs. In crores)	Total – 478.58 Crores (Existing – 476.58 Crores& Proposed – 2.00 Crores)
11.	Details of Land Use (Acre)	

Sl. No	Land Use	Area in sqm
a.	Ground Coverage Area	72,434
b.	Greenbelt Area	1,29,951
c.	Parking	97,618
d.	Road	82,500
e.	Open Space	10,730.4
	Total	**3,93,233.4**

12. Raw material with quantity and their source

Sl No	Raw Material	Unit	Quantity in MT/day			Source	Mode of Transportation
			Existing	Proposed	Total		
1.	Sugar Cane	TPD	12000	2000	14000	Agricultural Fields	Tractors/Trucks / Bullock Carts
2.	Lime	TPM	672 to 720	112 to 120	784 to 840	Local Market	By Trucks
3.	Caustic Soda Flakes	TPM	14.4 to 16.8	2.4 to 2.8	16.8 to 19.6	Local Market	By Trucks
4.	Sodium Hydro Sulphite	TPM	1.08 to 1.2	0.18 to 0.2	1.26 to 1.4	Local Market	By Trucks
5.	Bleaching Powder	TPM	0.36 to 4.5	0.06 to 0.8	0.42 to 5.6	Local Market	By Trucks
6.	Boiler Chemicals (Antiscalents)	TPM	3 to 4	0.6 to 0.8	3.6 to 4.8	Local Market	By Trucks
7.	Lubricants	KL/M	10 to 12	2 to 0.6	12 to 12.6	Local Market	By Trucks

13.	Mode of transportation of Raw material and storage facility	Transportation is through trucks, Tractors and Bullock Carts. It will be stored in godowns.
14.	Power Requirement	60 MW
15.	**WATER**	
I	**During Construction Phase**	
a.	Source of water	Recycled water from the industry
b.	Quantity of water for Construction in KLD	100 KLD
c.	Quantity of water for Domestic Purpose in KLD	5.0 KLD
d.	Wastewater generation in KLD	4.25 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Sewage Treatment Plant

II	**During Operation Phase**		
a.	Source of water	Intake point of Krishna River through Karnataka Neeravari Nigam Limited	
b.	Total Requirement of Water in KLD	Total	6823 KLD
		Fresh	718 KLD
		Recycled	6105 KLD
c.	Requirement of water for industrial purpose / production in KLD	Total	6783 KLD
		Fresh	678 KLD
		Recycled	6105 KLD
d.	Requirement of water for domestic purpose in KLD	Total	40 KLD
		Fresh	40 KLD
		Recycled	-
e.	Wastewater generation in KLD	Industrial	1510 KLD
		Domestic	34 KLD
		Total	1544 KLD
f.	ETP/ STP capacity	ETP	1500 KLD
		STP	50 KLD
16.	Infrastructure for Rainwater harvesting	Collection tank – 500 cum and storage tank of 6000 cum	
17.	Storm water management plan	The storm water will be collected in collection tank of 500 cum along with rooftop rainwater and it will be stored in storage tank of 6000 cum. The water will be used for irrigation and washing in the plant	
18.	Air Pollution		
a.	Sources of Air pollution		

Sl. No.	Stack attached to	Type of Fuel	Height (in m)	Air pollution control system
1	Boiler – 120 TPH	Bagasse	90 m AGL	Electrostatic Precipitator
2	Boiler – 85 TPH	Bagasse	72 m AGL	Electrostatic Precipitator
3	Boiler – 130 TPH	Bagasse	92 m AGL	Electrostatic Precipitator
4	DG Set – 625 KVA	HSD	6 m ARL	Acoustic Enclosures
5	DG Set – 625 KVA	HSD	6 m ARL	Acoustic Enclosures
6	DG Set – 500 KVA	HSD	6 m ARL	Acoustic Enclosures

b. Composition of Emissions

S. No.	Source of Emission	Constituents to be controlled
1.	Boiler – 120 TPH	PM, SO_2, NO_x
2.	Boiler – 85 TPH	PM, SO_2, NO_x
3.	Boiler – 130 TPH	PM, SO_2, NO_x
4.	DG Set – 625 KVA	PM, SO_2, NO_x
5.	DG Set – 625 KVA	PM, SO_2, NO_x
6.	DG Set – 500 KVA	PM, SO_2, NO_x

19.	Noise Pollution	
a.	Sources of Noise pollution	DG Sets (2X625 KVA & 1X500 KVA)
b.	Expected levels of Noise pollution in (dbA)	75 db(A)
20.	EMP	

S. No.	Description	Amount in lakhs					
		Existing		Proposed		Total	
		Investment cost	Maintenance cost	Investment cost	Maintenance cost	Investment cost	Maintenance cost
1	Pollution Control equipment such as Electrostatic Precipitator, Dust collection silos, acoustic enclosure, etc.	400	20.78	-	-	400	20.78
2	Effluent Treatment Plant - 1500 KLD & proposed Sewage Treatment Plant - 50 KLD	150	10	200	20	350	30
3	Rainwater Harvesting system	80	2	50	2	130	4
4	Green Belt Development	5	10	3	2	8	12
5	Occupational health and safety	30	10	5	3	35	13
6	Storm water drains and fire management	50	5	-	-	50	5
8	Corporate Environmental Responsibility	-	-	30	-	30	-
9	Environment management Cell	20	4.01	10	10	30	14.01
	TOTAL	**735**	**61.79**	**298**	**37**	**1033**	**98.79**

21.	CER Activities	
	Development of greenbelt along the banks of Arka Halla by providing 4000 tree species	
	Distribution of essential supplies and providing basic amenities to the Government Primary School, Yadrav	

The proposal was earlier considered in 297th SEAC meeting, where in the Committee had deferred the project to have site visit to ascertain the successful compliance of previous environmental safeguard conditions related to the expansion of 20% of capacity and to verify the establishment of plant & machinery related to further expansion of 20%.

Accordingly the Sub-Committee had visited the site on 08.06.2023 and the report of the Sub-Committee was accepted in 299th SEAC meeting and the details/clarification sought by the Sub-Committee to the Proponent were recorded in minutes of 299th SEAC meeting.

Proponent in the present meeting submitted point wise compliance to the observations of the Sub-Committee.

1) Submit the details of the existing ratio of green belt and proposed green belt, it should not be less than 33%. action plan to Plant all around the project site native and canopy tree species.

The Proponent informed that the proposed expansion activities will be carried out within the existing facility in the areaallocated for future expansion as per the existing Environmental Clearance (EC). The industryhas developed greenbelt in an area of 1,29,951 Sqm (32.05 acres) which is 33.05% of total sitearea, which is in accordance with the EC. The industry has planted 21,803 trees with speciesdensity of 1,111 trees per hectare as per the specific condition No. 12 in

the EC (SEIAA 17IND 2015) dated 14.03.2017. As there is no expansion of area with respect to land, additionalgreenbelt is not proposed.

2) *Submit the change in land-use earlier EC and proposed EC, overlay on Google map*
The Proponent informed that the expansion activities will be carried out within the existing facility in the area allocated forfuture expansion as per the existing Environmental Clearance. Hence, there will not be anychange in land use due to the proposed expansion. Existing project boundary and proposedexpansion area are demarcated on Google Earth.

3) *Submit the pollution load calculation 10,000 TCD and 12,000 TCD.*
The Proponent submitted the pollution load as below for 10,000TCD to 12,000TCD,

S. No.	Purpose	Water Consumption (KLD)			Effluent generation (KLD)		
		10,000 TCD	2,000 TCD	12,000 TCD	10,000 TCD	2,000 TCD	12,000 TCD
1.	Washing	998	-	998	998	-	998
2.	Boiler	676	-	676	35	30	65
3.	Cooling	1720	344	2064	172	34	206
4.	Laboratory	2	-	2	2	-	2
5.	Others	2082	436	2518	85	104	189
6.	Domestic	40	-	40	34	-	34
	TOTAL	**5518**	**780**	**6298**	**1326**	**168**	**1494**

4) *Submit the details of source of raw water, consumption for proposed expansion capacities.*
The Proponent informed that there is no increase in freshwater consumption due to the proposed expansion, the additional water requirement will be met through recovery of water from cane condensate and submitted the details of water requirement for production capacities of 10,000 TCD; 12,000 TCD and 14,000 TCD are elaborated. The raw water is sourced from Krishna River through Karnataka Neeravari Nigam Limited (KNNL) and has submitted application for renewal of permission.

5) *Submit the details of technology used for water recovery from the process.*
The Proponent informed that freshwater requirement for the industry is 718 KLD and the remaining water requirement of 6105 KLD is obtained as condensate from cane sugar. The condensate will be treated through the condensate polishing unit (CPU) of 150 KL/hr and the recovered water will be used for cooling tower makeup and washing.

6) *Submit the details of type of fuels used, quantity and availability.*
The Proponent submitted the following details.

Sl. No.	Particulars	Type of Fuel	Fuel Consumption	Availability
1	Boiler – 120 TPH	Bagasse	1300 TPD	Byproduct from process of Sugar Cane
2	Boiler – 85 TPH	Bagasse	925 TPD	
3	Boiler – 130 TPH (Standby)	Bagasse	1400 TPD	
4	DG Set – 625 KVA	HSD	130 L/hr	From local vendors
5	DG Set – 625 KVA	HSD	130 L/hr	
6	DG Set – 500 KVA	HSD	104 L/hr	

7) *Submit the details of fly ash utilization and management.*
The Proponent informed that the fly ash from boiler is stored and sold to cane farmers as manure.

8) *Presently Press mud is directly sending to farmers as fertilizer, shall fallow standard operating procedure (SOP) of bio-composting as per CPCB.*

The Proponent informed that the Press mud from process is stored in yard and sent to cane farmers as manure. As per the Standard Operating Procedure (SOP) for Bio-Composting Operation for Molasses Based Distilleries by CPCB dated 04th April 2018, they will set up all the necessary arrangements for bio-composting of press mud. Permission will be obtained from the competent authority and bio-composting will be implemented.

The Committee accepted the clarification and appraised the project.

The proposal is for expansion of production in existing sugar plant from 12,000 TCD to 14,000 TCD. The Proponent informed the Committee that the earlier EC was issued by SEIAA on 03.03.2023 for expansion of sugar plant capacity from 10,000 TCD to 12,000 TCD and cogeneration plant of 60 MWhr and now the proposal is for expansion of production capacity to 14,000 TCD, as per O.M issued by MoEF&CC dated 11.04.2022.

Proponent informed the Committee that based on the said O.M, they had proposed for expansion of 20 percent (ie from 20% to 40%) in production capacity within the existing premises and had submitted EIA/EMP report as per standard ToR and Self Certified Compliance Report for earlier EC as per the provisions in MoEF&CC OM 08.06.2022.

Further the Proponent informed that as per that O.M dated 11.04.2022, for the proposed expansion of 20 percent (ie from 20% to 40%) in production capacity within the existing premises, requirement of fresh public hearing is not required, as public hearing has already been conducted on 12.08.2016 and was considered by SEIAA while issuing EC. Proponent informed that for the proposed expansion they had obtained approval letter from Commissioner for Cane Development and Director of Sugar, dated 28.06.2022, for expansion from 10.000TCD to 18.000TCD.

The committee initially sought clarifications for the details of production after obtaining EC dated 03.03.2023 till date and list of machineries/equipments installed with respect to EC issued on 03.03.2023 and for the proposed expansion.

The Proponent submitted the following clarification.

SL No	PARTICULERS	YEAR 2018-19	YEAR 2019-20	YEAR 2020-21	YEAR 2021-22	YEAR 2022-23
1	No of working days	123	94	134	168	163
2	Cane crushed(T)	1209511.4	880255.49	1338869.6	1676576.1	1610909.3
3	Crushing rate 24 hrs	9833.43	9364.42	9991.56	9979.62	9882.88

Production details after obtaining Environmental Clearance from State Environment Impact Assessment Authority (SEIAA) with File No. SEIAA 25 IND 2022 dated 03rd March 2023.

S. No.	Month & Year	Quantity of Cane Crushed (TCD)
1	March 2023	0.0
2	April 2023	0.0
3	May 2023	0.0
4	June 2023	0.0
5	Till 14th July 2023	0.0

With reference to the above table, Proponent informed the Committee that no production was carried out from March 2023 till date.

For list of machineries/equipments installed with respect to EC issued on 03.03.2023, Proponent submitted the following,

COMPARATIVE STATEMENT FOR THE LIST OF EQUIPMENT WITH RESPECT TO THE EXISTING FACILITY AND THE PROPOSED EXPANSION

MILL HOUSE							
S. No.	List of Equipment	For 10,000 TCD		For 12,000 TCD		For 14,000 TCD	
		Nos.	Capacity	Nos.	Capacity	Nos.	Capacity
1.	Cane weighbridge	4	70 Tons	1	50 Tons	1	50 Tons
2.	Cane weighbridge	2	20 Tons	NA	NA	NA	NA
3.	Cane unloader	4	7.5 Tons	2	NA	NA	NA
4.	Cane unloader	4	12.5 Tons	0	NA	2	7.5 T
5.	Feeder Table	6	NA	2	NA	2	NA
6.	Auxiliary Cane Carrier	1	NA	0	NA	0	NA
7.	Cane Carrier	1	NA	1	NA	0	NA
8.	Cane Chopper	3	NA	1	NA	0	NA
9.	Cane Leveller	2	NA	1	NA	0	NA
10.	Cane Equaliser	1	NA	1	NA	1	NA
11.	Cane Fibrizor	1	NA	1	NA	0	NA
12.	Rake type cane carrier	1	NA	1	NA	0	NA
13.	Rake Elevator IRC	4	NA	3	NA	1	NA
14.	Mill tandem rulers	5	NA	3	NA	1	NA
15.	Bagasse Conveyor	3	NA	1	NA	0	NA
16	Overhead Crane	1	NA	1	NA	0	NA
17.	Mill lubrication set	1	NA	1	NA	1	NA

BOILING HOUSE							
S. No.	List of Equipment	For 10,000 TCD		For 12,000 TCD		For 14,000 TCD	
		Nos.	Capacity	Nos.	Capacity	Nos.	Capacity
18.	Air Blower	2	1170 m^3/hr	NA	NA	NA	NA
19.	Falling Film Evaporator	1	6000 m^2	NA	NA	NA	NA
20.	Falling Film Evaporator	1	7000 m^2	NA	NA	NA	NA
21.	Falling Film Evaporator	3	4000 m^2	NA	NA	NA	NA
22.	Falling Film Evaporator	2	3000 m^2	NA	NA	NA	NA
23.	Falling Film Evaporator	1	2100 m^2	NA	NA	NA	NA
24.	Robert Body Evaporator	5	700 m^2	6	2000 m^2	3	2000 m^2
25.	Batch type Pan	4	120 Ton	NA	NA	NA	NA
26.	Batch type Pan	2	90 Ton	NA	NA	NA	NA
27.	Batch type Pan	3	60 Ton	NA	NA	NA	NA
28.	Continuous Pan	1	20 Ton	NA	NA	NA	NA
29.	Continuous Pan	1	30 Ton	NA	NA	NA	NA
30.	Continuous Pan	1	40 Ton	NA	NA	NA	NA
31.	Centrifugal A Machine	5	1750 kg/charge	NA	NA	NA	NA
32.	Centrifugal A Machine	4	1250 kg/charge	NA	NA	NA	NA
33.	Centrifugal B Machine	6	1500 kg/charge	NA	NA	NA	NA
34.	Centrifugal B Machine	1	1100 kg/charge	NA	NA	NA	NA
35.	Centrifugal C Machine	5	1500 kg/charge	NA	NA	NA	NA
36.	Centrifugal C After	5	1500 kg/charge	NA	NA	NA	NA
37.	Centrifugal C After	1	1100 kg/charge	NA	NA	NA	NA
38.	Centrifugal C Fore	1	1500 kg/charge	NA	NA	NA	NA
The existing facility is still producing sugar and proposal involves only syrup extraction for ethanol blending programme and remaining items it's Not Applicable.							

BOILING HOUSE							
S. No.	List of Equipment	For 10,000 TCD		For 12,000 TCD		For 14,000 TCD	
		Nos.	Capacity	Nos.	Capacity	Nos.	Capacity
1.	Juice heater	9	100 m^2	1	600 m^2	1	600 m^2
2.	Duplex heater	9	100 m^2	2	450 m^2	2	450 m^2
3.	Vapour Juice Heater	2	550 m^2	0	NA	NA	NA
4.	Direct Control heater (DCH)	2	NA	1	NA	1	NA
5.	Plate Heat Exchanger	2	NA	1	NA	1	NA
6.	Dynamic heater	2	550 m^2	2	450 m^2	1	450 m^2
7.	Sulphited Juice Heater	3	550 m^2	1	NA	0	NA
8.	Syrup Sulphiter	2	30 m^3	NA	NA	NA	NA
9.	Juice Sulphiter	1	900 HL	NA	NA	NA	NA
10.	Juice Sulphiter	1	450 HL	NA	NA	NA	NA
11.	Clarifier	1	525 m^3	NA	NA	NA	NA
12.	Clarifier	1	687 m^3	NA	NA	NA	NA
13.	Clarifier	1	222 m^3	NA	NA	NA	NA
14.	Clarifier	1	8890 HL	1	4445 HL	NA	NA
15.	Sulphur burner	3	250 kg/hr	NA	NA	NA	NA
16.	Vacuum filter	1	140 m^2	NA	NA	NA	NA
17.	Vacuum filter	1	147 m^2	1	40	NA	NA
18.	Air Blower	3	2000 m^3/hr	NA	NA	NA	NA

The Committee accepted the clarification and appraised the project. The Committee informed the Proponent to comply with the observations in CCR for earlier EC issued by MoEF&CC and self certified CCR, for which the Proponent agreed.

The 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 informed the proponent to carry out additional plantation and incorporate all mitigative measures in the proposed project area. The Committee after discussion decided to recommend the proposal to SEIAA for issue of EC.

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

300.55 SDM College of Medical Sciences and Hospital Project at Sattur Village, Dharwad by M/s. Shri Dharmasthala Manjunatheshwara University - Online Proposal No. SIA/KA/INFRA2/428191/2023 (SEIAA 49 CON (VIOL) 2023)

The Proposal was considered during 296th SEAC meeting and the Committee based on the request of Proponent sought clarification from SEIAA as below.

"M/s. Shri Dharmasthala Manjunatheshwara University have applied for Environmental clearance from SEIAA for Construction of SDM College of Medical Sciences and Hospital Project at Sattur Village, Dharwad.

The subject was discussed in the SEAC meeting held on 15th& 16th May 2023 and the extract of the proceedings of the Committee meeting is as below:

The proposal is applied in category 8(b) of EIA Notification 2006 in violation category to grant ToR as per the provisions of MoEF&CC OM dated 07.07.2021, for Medical College and Hospital building. Proponent informed the Committee that earlier Hospital building with 750 beds having BUA of 85,509 Sqm was constructed prior to 2006 and Hospital building with 300 beds having BUA of 58,749 Sqm was constructed after 2006 without obtaining EC and now they have proposed for an expansion in built up area of 36,844 Sqm for 330 bedded hospital building with a total BUA of 1,81,102 Sqm on a plot area of 2,52,415 Sqm.

Further, the Proponent vide letter dated 16.05.2023, informed the Committee since the proposal is a Hospital building which is an essential service and closing of operation due to violations vide OM dt: 07.07.2021 will affect the Medical Services. Proponent requested the Committee to grant ToR in violation category without insisting on closure of operations."

The Authority in its 236th meeting had informed the following,

"The Authority while noting down the request made by the project proponent and clarification sought by SEAC, considered opinion keeping in view of the necessity of providing essential Medical Services in the larger interest of the Society. The application seeking Terms of Reference may be considered subject to ensuring the adequate Environmental Management facilitates as per the Bio Medical Rules, 2016 as closing down the operation would affect essential public health service.

Therefore, Authority referred the file back to SEAC to consider the request of the Project Proponent and reappraise the same."

The Committee noted the clarification from the Authority and accordingly recommended the proposal to SEIAA for issue of ToR with 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) Submit damage Assessment, Remedial plan and Community Augmentation plan as per SoP.
3) Submit all building-wise area statement and Plan and Elevation Drawings, certified by Architect.
4) Submit the existing Greenbelt and proposed green belt with species and overlay in Layout plan.
5) Submit the proposed organic waste processing facility layout plan and feasibility report of the system.
6) Quantify and submit the proposed in-organic waste/ package material processing and disposal plan and details of storage space provided with shelter.
7) Details of bio-medical waste generated and its handling.
8) Quantify and submit used Oil, cleaning reagent and other Hazardous waste handling and disposal details.
9) Submit the details of existing water source, usage and proposed water source and usage demand-wise.

10) 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 Ground water potential and level in the study area and details of provisions provided for strengthening of drains.
11) Detailed risk and disaster management during and after construction.
12) Compliance to ECBC guidelines and incorporation of NCB for proposed project should be detailed.
13) 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
14) Scheme for utilizing maximum treated sewage water to reduce the demand on the fresh water.
15) 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.
16) Detailed Traffic study with methods for improvising.
17) Detailed rain water harvesting with respect to annual rainfall and provisions for tanks/sumps/ponds for roof top and along with management of excess storm water.
18) Sampling locations shall be as per standard norms.
19) 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 CSR & 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.

Meeting Concluded with vote of thanks to all.

Member Secretary,
SEAC Karnataka

Chairman,
SEAC Karnataka