

Proceedings of the 273rd SEAC Meeting held on 1st, 2nd and 3rd Feb - 2022

Members present in the Online meeting held on 1st, 2nd and 3rd Feb - 2022

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 M.C.,	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. Sarvamangala R. Patil	Member
14.	Shri. B. Ramasubba Reddy	Member
15.	Sri. R Gokul, IFS	Member Secretary

Officials Present

1	Ravikumar J K	Sc O-1
2	Kirankumar B S	Sc O-1
3	Suhas H S	Sc O-1

The Chairman welcomed the members and initiated the discussion. The proceedings of the 272nd SEAC meeting held on 3rd, 4th and 7th Jan – 2022 was read and it was decided that in 1) Agenda no. 272.40 the production details to be read as proved reserves- 5,16,448 tonnes, annual production – 80,000 TPA and life of the mine as 7 years. 2) Agenda no. 272.22 the production details to be read as 20,000 Tons for 1st Year, 10,423 Tons for 2nd Year, 10,684 Tons for 3rd Year, 15,289 Tons for 4th Year and 14,839 Tons for the 5th Year.

There after the proceedings of 272nd SEAC meeting held on 3rd, 4th and 7th Jan – 2022 was accepted.

Fresh Projects

EIA Projects

273.1 Expansion & Modification of Residential Apartment Project at White Field Village, K.R.Puram Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Sumadhura Infracon Pvt. Ltd. - Online Proposal No. SIA/KA/MIS/69131/2021 (SEIAA 39 CON 2021) - Expansion

About the project:

Sl.No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mrs. Jeevana Kalakuntla, Environmental Officer, M/s. Sumadhura Infracon Pvt. Ltd., No. 43, 2 nd Floor, CKB plaza, Varthur main road, Marathahalli, Bengaluru - 560 037.

1

2	Name & Location of the Project	Proposed Expansion & Modification of Residential Apartment project at Sy. Nos. 47/1, 47/2A, 47/2B, 48/3 and 48/4 of White Field Village, K. R. Puram Hobli, Bangalore East Taluk, Bangalore.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	NA
	b. Residential Township/ Area Development Projects	Expansion & Modification of Residential Apartment project Category 8(b), Townships and Area development projects as per the EIA notification 2006
4	New/ Expansion/ Modification/ Renewal	Expansion & Modification
5	Water Bodies/ Nalas in the vicinity of project site	Sheelavanthakere is adjacent to project site at south direction.
6	Plot Area (Sqm)	46,658.10 Sqm
7	Built Up area (Sqm)	1,92,588.70 Sqmt
8	FAR	
	• Permissible	2.85
	• Proposed	2.79
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Wing A: 2B+G+19UF Wing B: 2B+G+19UF Wing C: 2B+G+19UF Wing D: 2B+G +19UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	1100 units
11	Height Clearance	Justified that already constructed building by Sobha at a distance of 1km from project site at ground elevation of 877 AMSL is having height of 59.95 mts and proposed project is at ground elevation of 868.39 AMSL for proposed top elevation of 59.95 mtrs and also NOC obtained from AAI dt: 22/09/2020.
12	Project Cost (Rs. In Crores)	Rs.350 Crores
13	Disposal of Demolition waster and or Excavated earth	There is no demolition waste. Total earth excavation :3,70,000 cum For back filling :1,40,000cum For Landscape: 70,000cum For Internal Road formation :90,000cum For brick manufacturing for our labour sheds and compound: 70,000cum
14	Details of Land Use (Sqm)	
	a. Ground Coverage Area	6,547.0 Sqm

	b.	Kharab Land	607.0 Sqm
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	12499.0 sqm
	d.	Internal Roads	12,137.0 Sqm
	e.	Paved area	
	f.	Others Specify	Civic Amenities is 2,302.6 sqm
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	
15	WATER		
	I.	Construction Phase	
	a.	Source of water	BWSSB STP treated water
	b.	Quantity of water for Construction in KLD	100 KLD
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD
	d.	Waste water generation in KLD	8 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	Fresh 550
			Recycled 272
			Total 822
	b.	Source of water	BWSSB
	c.	Waste water generation in KLD	740
	d.	STP capacity	765 KLD
	e.	Technology employed for Treatment	SBR
	f.	Scheme of disposal of excess treated water if any	Excess treated sewage to 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	380
	b.	No's of Ground water recharge pits	Recharge pits of 22 Nos.
17	Storm water management plan		Excess storm water is harvested within the site in 9nos of deep recharge wells.
18	WASTE MANAGEMENT		
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	3092kg/day and disposed through BBMP authorities
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1855 kg/day converted in to organic manure and used for garden

	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	1237 kg/day given to PCB authorized recycler	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	100-150 Lts/ year given to PCB authorized recycler	
	d.	Quantity of E waste generation and mode of Disposal as per norms	50 kg/year given to PCB authorized recycler	
19	POWER			
	a.	Total Power Requirement - Operational Phase	4896 kW	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 4 Nos.	
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	29.30%	
20	PARKING			
	a.	Parking Requirement as per norms	1210 Nos.	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS: D, After road widening LOS :B/C	
	c.	Internal Road width (RoW)	8.0 m	
21	CER Activities		Rejuvenation of Sheelavanthakere adjacent to project site.	
22	EMP Budget • Construction phase • Operation Phase		Capital investment	15.00 Lakhs
			During Construction	56.00 Lakhs/annum
			Capital investment	225.00 lakhs
			During operation	40.00 lakhs/annum

The proposal is for modification and expansion of residential villas for which EC was issued earlier on 04/09/2020 for BUA of 1,49,772.83 Sqm and currently proposed for BUA of 1,92,588.70 Sqm with no changes in plot area. The proponent has submitted satisfactory Certified Compliance Report from MOEF&CC dated 16/07/2021, for the earlier EC and informed that no construction activities was started. SELAA had issued ToR on 13/10/2021.

The committee during appraisal sought clarification for foot kharab and the nalas present in the project area as per village map, provisions for harvesting rain water in the proposed area, details of trees proposed to be grown in the project location and provisions to use CNG. The proponent informed the committee that foot kharab area of 607sq.m. is left open for free access to public and not utilized for development and road widening in western side and no development zone of 30mtrs is left from the water body in southwestern side, wherein no construction activities are proposed. For harvesting rain water, the proponent has proposed 380cum storage tank for runoff from roof top and runoff from landscape and paved areas is harvested in 22 nos of recharge pits along with 9 nos of deep well recharge structures within the

site area and proponent submitted undertaking for CNG for domestic purpose and generator in proposed project. The proponent also submitted the revised EMP for risk assessment during and after construction.

The proponent has submitted revised tree list making provision to grow 584 trees in the proposed project area. The committee informed the proponent to grow trees in the water body buffer zone instead of proposed lawn area, for which the proponent agreed. The proponent has 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 are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per the RMP of BDA and informed the proponent to harvest maximum rainwater in the proposed project area and decided to recommend the proposal to SEIAA for issue of EC with a condition to leave the kharab area for free access to public.

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

273.2 Mixed Use Development Project at Kengeri Village, Kengeri Hobli, Bengaluru South Taluk, Bengaluru Urban District by M/s. Brigade Enterprises Limited- Online Proposal No.SIA/KA/MIS/60304/2021 (SEIAA 15 CON 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Brigade Enterprises Limited, 29 th and 30 TH Floor, World Trade Centre, Brigade Gateway Campus, 26/1, Dr.Rajkumar Road, Malleswaram - Rajajinagar, Bengaluru - 560 055.
2	Name & Location of the Project	Brigade Mixed Use Development at Sy. Nos. 134/1, 134/2A, 134/2B, 134/3, 134/4ABC, 134/5, 135/1, 135/2, 135/3, 136, 137/6, 139, 140 and 173/1, Kengeri Village, KengeriHobli, Bengaluru South Taluk, Bengaluru.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	--
b.	Residential Township/ Area Development Projects	Residential Apartments with Club House & Sports Centre, Retail Multiplex with Food Court and Commercial Office building for IT/ITES. Category 8(b), Townships and Area development projects as per the EIA notification 2006

4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	One Nala in northwest direction and another nala in northeast direction.
6	Plot Area (Sqm)	1,42,752.64Sqm (35A11G)
7	Built Up area (Sqm)	9,85,000Sqm
8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	4.0 4.0
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential: 3B+S+GF+35UF to 40UF, Commercial IT / ITES Offices: 3B+GF+40UF Plaza, Retail & Multiplex Building: 3B+GF+6UF Club House: 3B+GF+4UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	Residential Township/Area Development Projects
11	Height Clearance	NOC obtained from AAI dated:08/10/2020 for 200mtrs
12	Project Cost (Rs. In Crores)	1050 Crores
13	Disposal of Demolition waste and or Excavated earth	<ul style="list-style-type: none"> • Volume of demolition waste generation is 294 Metric Tonnes. Same to be segregated as per C & D waste management rules and disposed to authorized recyclers. Soil & mortar shall be used as filling material for road and paving area formation. • Volume of excavated earth generation is 3,76,100 Cum. <ul style="list-style-type: none"> a) For Landscape formation: 71,400 Cum b) Internal roads formation: 27,200 Cum c) Building backfilling and Site formation: 1,41,325Cum d) Cement Stabilized Soil Blocks: 1,36,175 Cum
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	24,752.33 Sqm
b.	Kharab Land	3035.11Sqm (not considered for developmental area)
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	47,600 Sqm
d.	Internal Roads	70,400.31 Sqm
e.	Paved area	
f.	Others Specify	--
g.	Parks and Open space in case of Residential Township/ Area Development Projects	10% of the project site (Included in Green Belt Area)
h.	Total	1,42,752.64 Sqm (Excluding Kharaba)

15	WATER							
	I. Construction Phase							
a.	Source of water	Treated water from temporary STP installed in labour colony						
b.	Quantity of water for Construction in KLD	20 KLD						
c.	Quantity of water for Domestic Purpose in KLD	40KLD						
d.	Waste water generation in KLD	30KLD						
e.	Treatment facility proposed and scheme of disposal of treated water	Sewage to be treated in temporary STP and treated sewage to be reused at project site for construction purposes.						
	II. Operational Phase							
a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>2,525KLD</td> </tr> <tr> <td>Recycled</td> <td>1,490KLD</td> </tr> <tr> <td>Total</td> <td>4,015KLD</td> </tr> </table>	Fresh	2,525KLD	Recycled	1,490KLD	Total	4,015KLD
Fresh	2,525KLD							
Recycled	1,490KLD							
Total	4,015KLD							
b.	Source of water	BWSSB + Rainwater + Treated water						
c.	Waste water generation in KLD	3,212KLD						
d.	STP capacity	Total Capacity :3,500KLD						
e.	Technology employed for Treatment	SBR Technology followed by Ultra Filtration						
f.	Scheme of disposal of excess treated water if any	Treated sewage to be utilized within project premises for flushing, watering landscape area and for makeup water requirement at HVAC.						
16	Infrastructure for Rain water harvesting							
a.	Capacity of sump tank to store Roof run off	2,000Cum						
b.	No's of Ground water recharge pits	40 Nos.						
17	Storm water management plan	Surface runoff to be collected in storage tanks and to be utilized within the site. Excess runoff to be diverted to percolation pits for recharging ground water.						
18	WASTE MANAGEMENT							
	I. Construction Phase							
a.	Quantity of Solid waste generation and mode of Disposal as per norms	100kg/day generated from the labour colony to be segregated and disposed to local disposal agencies.						
	II. Operational Phase							
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	8,581 kg/day to install Waste to Energy plant for processing the biodegradable waste generated within the project premises.						
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	7,318kg/day to be segregated and handed over to local recycling agencies.						
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	2,000 Liters/Annum to be handed over to authorized agencies for recycling and scientific disposal.						
d.	Quantity of E waste generation and mode of Disposal as per norms	500 Kg/Year to be handed over to authorized agencies for recycling and scientific disposal.						
19	POWER							
a.	Total Power Requirement -Operational	25 MVA						

	Phase	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2000 KVA x 10 No. + 500 KVA x 10 No.
c.	Details of Fuel used for DG Set	Dual Fuel Mode DG sets with CNG/ HSD.
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 22%.
20	PARKING	
a.	Parking Requirement as per norms	8,900 nos of ECS
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	
	Road	Existing traffic scenario
	Mysore Road / NH-275	Changed traffic scenario
	Bidadi	LoS
	Bangalore	C
		C
c.	Internal Road width (RoW)	8.0 M
21	CER Activities	<ol style="list-style-type: none"> Jobs for local people during construction and operation phase. Free Medical check-up camps to be held Signage on proposed CDP Road to avoid road accidents. Providing Skill Development facilities Infrastructure creation for sanitation systems to control waterborne diseases viz., Malaria, Dengue, Diarrhoea, Dysentery, Cholera, etc. Plantation in community areas
22	EMP Budget <ul style="list-style-type: none"> Construction phase Operation Phase 	During Construction Phase: Capital Investment – 265 Lakhs Recurring Cost – 30 Lakhs/ Annum During Operation Phase: Capital Investment – 1017 Lakhs Recurring Cost – 63 Lakhs/ Annum

The proposal is for mixed use development in an area which is earmarked for residential high tech zone as per Revised Master Plan of BDA and residential zone as per Bangalore Mysore Infrastructure Corridor Area Planning Authority (BMICAPA). The proponent informed that for the proposed project they had adopted RMP of BDA for buffers and setbacks, as per which the proposed area is in mutation corridor where in it is permitted for mixed use development i.e. proposed residential and commercial activities area allowed. The proponent informed the committee that for proposed project, land is being acquired is through private negotiations and land documents submitted is as per MoEF&CC, OM dated 7th October 2014. ToR was issued by SEIAA on 19/08/2021.

The committee during appraisal sought clarification for nallas present in the project area and precautionary measures for its protection, provisions for rain water harvesting in the proposed area, methods of handling excavated earth and provisions for dual fuel generators in proposed project. The proponent submitted clarifications and informed the committee that as per village

map there are two tertiary nalas, one in northeastern and another in southwestern side, buffers of 15mtrs from centre on either side is provided for each of the nalas and for nalas within the site will be strengthened to ensure unrestricted flow of runoff. Proponent further informed that nala buffers would be treated as no development zones and would be developed into a mini forest by adopting the concept of creating urban forest through Miyawaki technique of tree plantation. For harvesting rain water, the proponent has proposed a total of 2000cum storage tank for runoff from roof top and for runoff from landscape and paved areas, 40 nos of deep recharge pits are proposed. Proponent proposed to utilize the excavated earth completely within the site area for landscape, road formation, backfilling and the excess excavated earth to be utilized in making cement stabilized soil blocks by mixing cement, aggregates and soil in proportion, which is to be used for non-load bearing walls, pavers and interlock tiles within the project area and to make provisions for dual fuel (CNG & HSD) for generators in proposed project. Further informed the committee that the all measures to be taken during and after construction for attenuation of odour into Vrishabhavathi valley from the proposed project. For foot kharab passing in two locations in southern side is to be left for free public access and also had proposed a setback buffer of 30mtrs for railway line passing adjacent to the project site area.

The proponent has submitted revised tree list making provision to grow 1800 trees in the proposed project area. They further informed that they have made provision for charging electrical vehicles in 5% out of the total parking slots in the proposed project.

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 are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per the zoning regulations and informed the proponent to harvest maximum rainwater in the proposed project area and decided to recommend the proposal to SEIAA for issue of EC with a condition to leave the foot kharab with free access to public and to take necessary permission to construct culvert/bridge on nalas.

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

273.3 Modification & Horizontal Expansion of Mixed Use Development (Residential Units cum Commercial Building) at Hoodi Village, K.R. Puram Hobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. TOTAL ENVIRONMENT HABITAT PRIVATE LIMITED - Online Proposal No.SIA/KA/NCP/57181/2012 (SEIAA 79 CON 2021) – Expansion

About the project:

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Total Environment Habitat Private Limited. Imagine, No. 78, ITPL Main Road, EPIP Zone, Whitefield, Bengaluru – 560 066.
2	Name & Location of the Project	Modification and Horizontal Expansion of Proposed Mixed-Use Development (Residential units cum Commercial Building). At Sy. Nos. 175, 172/1, 170/1A, 170/1B, 170/2, 172/2, 169/1, 2, 3, 4, 176/3 & 177, 136/1, 136/2 & 137, Hoodi Village, K.R.PuramHobli, Bengaluru East Taluk, Bengaluru.

3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	NA
b.	Residential Township/ Area Development Projects	Modification and Horizontal Expansion of Proposed Mixed-Use Development (Residential units cum Commercial Building). Category 8(b), Townships and Area development projects as per the EIA notification 2006
4	New/ Expansion/ Modification/ Renewal	Modification and Horizontal Expansion
5	Water Bodies/ Nalas in the vicinity of project site	a. Hoodi Lake is Adjacent to the project site in South-East Side. b. Seetharamapalya Lake is at 981mtr from the project site in the South-West direction. c. Sadaramangala Lake is at 1.1 km from the project site in the North-East direction.
6	Plot Area (Sqm)	1,51,453.74 Sqmt
7	Built Up area (Sqm)	5,92,346 Sqmt
8	FAR • Permissible • Proposed	3.0 2.972
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building 1 Wing 1 & 7:1B+G+28UF Wing 2 to 6:1B+G+30UF Building 2 Wing 1 & 2 : 4B+G+33UF Building 3:3B+G+22UF Row housing having 68 No's of villas with 48 EWS units with G+1UF
10	Number of units/plots in case of Construction /Residential Township /Area Development Projects	1,308 Nos. of residential units and 90 EWS units. Row housing having 68 No's of villas with 48 EWS units
11	Height Clearance	NOC obtained from HAL dated:10/07/2021.
12	Project Cost (Rs. In Crores)	Rs. 1,132.92 Crores.
13	Disposal of Demolition waste and or Excavated earth.	Total quantity of Excavated earth: 44,800 Cum For Back filling in foundation : 15,240 Cum For landscaping :10,120 Cum Roads and walkways : 19,440 Cum
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	48,433 Sqmt
b.	Kharab Land	2,252.0Sqmt
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	48,772 Sqmt
d.	Internal Roads	--

e.	Paved area							
f.	Others Specify	Driveway / Ramp area : 23,990 Sqmt CA Area : 6,629 Sqmt Service Area :4,392 Sqmt Road Widening area : 2,157.0 Sqmt						
g.	Parks and Open space in case of Residential Township/ Area Development Projects	14,829 Sqmt						
h.	Total	1,51,453.74 Sqmt						
15	WATER							
I.	Construction Phase							
a.	Source of water	External authorized tanker water suppliers for domestic purpose and tertiary treated water from nearby project for construction purpose.						
b.	Quantity of water for Construction in KLD	63 KLD						
c.	Quantity of water for Domestic Purpose in KLD	Construction Site: 21 KLD Labour Colony: 84 KLD						
d.	Waste water generation in KLD	Construction Site: 19 KLD Labour Colony: 76 KLD						
e.	Treatment facility proposed and scheme of disposal of treated water	The total sewage generated from construction site & labour camp is 95 KLD which to be collected in septic tank and handed over to BBMP vendors for safe disposal.						
II.	Operational Phase							
a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>1,007 KLD</td> </tr> <tr> <td>Recycled</td> <td>521 KLD</td> </tr> <tr> <td>Total</td> <td>1,528 KLD</td> </tr> </table>	Fresh	1,007 KLD	Recycled	521 KLD	Total	1,528 KLD
Fresh	1,007 KLD							
Recycled	521 KLD							
Total	1,528 KLD							
b.	Source of water	BWSSB						
c.	Waste water generation in KLD	1,441 KLD						
d.	STP capacity	400 KLD, 430 KLD, 360 KLD & 260 KLD						
e.	Technology employed for Treatment	Sequencing Batch Reactor (SBR) Technology.						
f.	Scheme of disposal of excess treated water if any	For Flushing – 521 KLD For Landscaping – 587 KLD HVAC – 271 KLD						
16	Infrastructure for Rain water harvesting							
a.	Capacity of sump tank to store Roof run off	689 Cum						
b.	No's of Ground water recharge pits	100 Nos.						
17	Storm water management plan	The total runoff from roof top area is 336 cum, roof water collection sump of 689 cum capacity will be given, runoff from hardscape area is 1,727 cum which will be collected in 2000 cum capacity tank and reused after treatment and runoff from landscape area is estimated to be 1,440 cum. For which 100 Nos. of Recharge pits have been provided to recharge the ground water.						
18	WASTE MANAGEMENT							
I.	Construction Phase							

a.	Quantity of Solid waste generation and mode of Disposal as per norms	210 kg/day, to will be collected manually and handed over to authorized recyclers.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	2,356kg/day, Biodegradable wastes to be segregated at the source and to be processed in proposed organic waste converter
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	1,767 kg/day, Non-biodegradable Wastes to be given to the waste recyclers.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	6.5 L/hr, waste oil from DG sets, used batteries etc. to be handed over to the authorized hazardous waste recyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes to be collected separately & to be handed over to authorized E-waste recyclers for further processing.
19	POWER	
a.	Total Power Requirement -Operational Phase	11,411 KVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA x 1 No., 630 Kva x 4 Nos., 750 KVA x 5 Nos., 1500 Kva x 4 Nos.,
c.	Details of Fuel used for DG Set	2,676 L/hr
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total Energy Savings: 20.80%
20	PARKING	
a.	Parking Requirement as per norms	3,510 Nos. of ECS
b.	Level of Service	LOS :B to C, C to D and C to C.
c.	Internal Road width (RoW)	8 m Driveway
21	CER Activities	Contribution to Prime Minister Relief Fund, Bangalore hospital trust and providing vaccination for laborers & site staff, food kit, medical kit. Proposed Drinking water supply, sanitation, health, solid waste management facilities, rain water harvesting, avenue plantation in community area. Proposed for Hoodi Lake Rejuvenation.
22	EMP Budget <ul style="list-style-type: none"> Construction phase Operation Phase 	During Construction: Capital investment – 6.5 lakhs During Construction – 22.0 lakhs/ annum During Operation: Capital investment – 606.0 lakhs Operation Investment – 23.0 lakhs/ annum

The proposal is for modification and horizontal expansion of residential mixed use development project for which EC was issued earlier on 30/09/2013 for BUA of in 5,80,237 Sqm in a plot area of 1,39,617 Sqm and the validity was extended up to 31/12/2021 by SEIAA on date:28/09/2018 now proposed for BUA of 5,92,346 Sqm in plot area of 1,51,453.74Sqm. The proponent has

submitted Certified Compliance Report from MOEF&CC dated 06/10/2021, where the status of compliance is rated as satisfactory for the earlier EC.

The committee during appraisal sought clarification about the cart track road and foot kharab, nalas, water body as per village map, provisions for harvesting rain water in the proposed area, provisions for bio gas plant, details of trees proposed to be grown in the project location. The proponent submitted clarifications and informed the committee that cart track road and foot kharab with a total area of 31.25Guntas which is rerouted as per DC Bangalore urban District order dated:29/01/2020 and submitted approved plan from BDA dated:10/04/2015 for earlier EC, as per which 30mtr buffer is proposed for the water body in south eastern side and for nala in Sy.No.169 proponent informed that as per RTC there is no kharab in Sy.No.169 and for the tertiary nala in southern side, though outside the project boundary but attracts buffer, for which 15mtrs of buffer is provided as per RMP of BDA. For harvesting rain water, the proponent has proposed 2,000cum storage tank for runoff from roof top and a pond of 1200cum capacity for runoff from landscape and paved areas in addition to 100nos of recharge pits and agreed to install biogas plan in proposed project. The proponent also submitted the revised EMP for risk assessment during and after construction.

The proponent also submitted a revised tree list, consisting of 108 existing trees, out of which 95 trees would be retained and only 3 trees would be removed in lieu of which 9 trees would be grown and 10 trees would be transplanted and a total of 5,485 trees would be grown in the project area. Proponent further informed that they have made provision for charging electrical vehicles in 15% out of the total parking slots in the proposed project.

The proponent has 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 are within permissible limits and informed the proponent to harvest maximum rainwater in the proposed project area.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition to leave the cart track and foot kharab for free access to public and to take necessary permissions from concerned authorities to construct culvert/bridge on nalas.

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

273.4 Siemens Healthineers Campus Project at plot no 239, Bommasandra Industrial Estate, 3rd Phase, Hosur Road, Attibele Hobli, Anekal Taluk, Bangalore District by M/s. SIEMENS HEALTHCARE PVT. LTD. - Online Proposal No.SIA/KA/MIS/240342/2021 (SEIAA 141 CON 2021)

The proposal is for construction of a building for IT/ITS and R&D in healthcare equipments in KIADB industrial area and area earmarked for Commercial and Industrial use as per Anekal Planning Authority. The Committee initially asked clarification for the existing buildings as per google images. The proponent submitted recent site photographs and informed the committee that,

there were fabrication and warehouse buildings, which had been dismantled by the earlier land owner and further states that presently no buildings are found in the proposed site area.

The committee after discussion decided to defer the appraisal to have a site visit as the proponent did not provide proper justification for demolition of earlier buildings as per C&D Waste Management Rules 2016 and also to ascertain the present site conditions so as to evaluate the extent of earlier construction activities. The committee decided to have site visit with the following sub-committee Chairman and Members.

Sl.No.	Name	Designation
1.	Shri Devegowda Raju,	Chairman
2.	Shri B. Ramasubba Reddy,	Member
3.	Shri Mahendra Kumar M.C.,	Member
4.	Shri B.V.Byra Reddy,	Member
5.	Dr. Shekar H.S.,	Member
6.	Shri Dinesh M.C.,	Member
7.	Shri SharanabasavaChandrashekhhar Pilli,	Member
8.	Dr. J.B. Raj,	Member
9.	Shri Nanda Kishore	Member
10.	Shri Gokul R. IFS.,	Member

Action: Member Secretary, SEAC to put up before SEAC after receipt of site visit report.

273.5 Residential Apartment with Club House Project at Kodigehalli Village, K.R Puram Hobli, Bengaluru East Taluk, Bengaluru District by SRI BALAJI INFRA BUILDERS - Online Proposal No.SIA/KA/MIS/246927/2021 (SEIAA 153 CON 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1.	Name & Address of the Project Proponent	Sri. A. Ramappa, Managing Partner M/s. Sri Balaji Infra Builders, Sy. No. 4/1, Kodigehalli Main Road, Kodigehalli, K.R Puram, Bengaluru -560 036.
2.	Name & Location of the Project	Residential Apartment with Club House, Khatha No. 179, Sy. No. 42, Kodigehalli Village, K.R Puram Hobli, Bengaluru East Taluk, Bengaluru- 560 036.
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), Building & Construction project as per the EIA notification 2006
b.	Residential Township/ Area Development Projects	NA
4.	New/ Expansion/ Modification/ Renewal	New

5.	Water Bodies/ Nalas in the vicinity of project site	--
6.	Plot Area (Sqm)	7,385.41Sqm
7.	Built Up area (Sqm)	22,135.48Sqm
8.	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.25 2.24
9.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	S+GF+3UF.
10.	Number of units/plots in case of Construction/Residential Township/Area Development Projects	168nos
11.	Height Clearance	As per CCZM Bangalore, permissible height is 125 mtr and the height achieved for our proposed building is 14.80 mtr.
12.	Project Cost (Rs. In Crores)	Rs. 35.74 Cr
13.	Disposal of Demolition waste and or Excavated earth	Total Excavated earth quantity :2,688 cum For Backfilling : 538 cum For Landscaping : 1183 cum For internal driveway & hardscape: 366 cum For site formation : 601 cum
14.	Details of Land Use (Sqm)	
a.	Ground Coverage Area	3,582.39 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	2,365.32 Sq.mt
d.	Internal Roads	1,219.94 Sq.mt
e.	Paved area	--
f.	Others Specify	Road widening area : 217.76 Sq.mt
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
h.	Total	7,385.41 Sq.mt
15.	WATER	
I.	Construction Phase	
a.	Source of water	The domestic water requirement to be met from external water suppliers and water requirement for construction purpose to will be met by STP tertiary treated water.
b.	Quantity of water for Construction in KLD	13 KLD
c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD
d.	Waste water generation in KLD	3.6 KLD

e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase to be collected and lifted to BWSSB treatment plant.	
II. Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	78 KLD
		Recycled	40 KLD
		Total	118 KLD
b.	Source of water	BWSSB	
c.	Wastewater generation in KLD	95 KLD	
d.	STP capacity	100 KLD	
e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
f.	Scheme of disposal of excess treated water if any	Excess 35 KLD to be used for avenue plantation/construction works/UGD.	
16. Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	80 cum	
b.	No's of Ground water recharge pits	5 Nos.	
17.	Storm water management plan	Storm water runoff to be harvested in 30 cum tank along with that, excess runoff to be routed in to the external storm water drain on southern side of project site.	
18. WASTE MANAGEMENT			
I. Construction Phase			
a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste to be minimum and to be handed over to local vendors. Construction debris - 22 m ³ This to 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	172 kg/day, to be segregated at household levels and to be processed in proposed organic waste converter.	
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	257 kg/day, to be handed over to authorized waste recyclers	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Hazardous wastes like waste oil from DG sets, used batteries etc. to be handed over to the authorized hazardous waste recyclers.	
d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes to be collected separately & it to be handed over to authorized E-waste recyclers for further processing.	
19. POWER			
a.	Total Power Requirement - Operational Phase	858 kW	
b.	Numbers of DG set and capacity in KVA for Standby	500 kVA - 1 No.	

	Power Supply			
c.	Details of Fuel used for DG Set	104.76 l/hr		
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total energy savings of 25%		
20.	PARKING			
a.	Parking Requirement as per norms	186 Nos. of ECS		
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Existing	Changed
		Kodigehalli main road	C	B
c.	Internal Road width (RoW)	12.2 m wide road.		
21.	CER Activities	Drinking water treatment and storage facility to Government Primary School at Sadaramangala Road, Sadaramangala.		
22.	EMP Budget <ul style="list-style-type: none"> • Construction phase • Operation Phase 	During Construction: Capital Investment – 3.5 Lakh Construction – 11.6 Lakh/annum During Operation: Capital investment – 97.0 Lakh Operation Investment – 14.64 Lakh/annum		

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

The committee during appraisal sought clarification regarding provision made for harvesting rain water in the proposed area. The proponent submitted clarification and informed the committee that for harvesting runoff rain water from roof top, storage tank of 80cum capacity and for runoff from hardscape an additional tank of 30cum capacity and for recharging the ground water using the excess water 5nos of recharge pits have been proposed within the project area.

The proponent further informed the committee that they have made provisions to grow 93 trees 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 committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per zoning regulations of BDA and informed the proponent to harvest maximum rainwater 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.

273.6 Additional Building in Campus Project at (Nallurahalli Village), EPIP area, Whitefield, Bengaluru by M/s. Tesco Bengaluru Private Limited - Online Proposal No.SIA/KA/MIS/238894/2021 (SEIAA 134 CON 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. TESCO Bengaluru Private Limited, No. 81 & 82 (Nallurahalli village), EPIP area, Whitefield, Bengaluru - 560066
2	Name & Location of the Project	Proposed Additional Building In Campus For TESCO Bengaluru Private Limited by, M/s. TESCO Bengaluru Private Limited, No. 81 & 82 (Nallurahalli village), EPIP area, Whitefield, Bengaluru - 560066
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Office Building project Category 8(a), Building & Construction project as per the EIA notification 2006
b.	Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	Proposed Additional Building In Campus For Tesco Bengaluru Private Limited; Now, we are applying for Environmental clearance from SEIAA Karnataka for Additional Building In Campus For Tesco Bengaluru Private Limited. Earlier, the project was commenced in the year 2002 before the EIA notification 2006; hence, we had obtained Pollution control board NOC and plan sanction from KIADB & completed the construction. Now, we are adding additional building in the same campus and applying for Environmental clearance from SEIAA, Karnataka for the total BUA of 40,742.29 sqm. The BUA of the project has been increased from 34,371.49 sqm to 40,742.29 sqm (increased BUA is 6370.8 sqm).
5	Water Bodies/ Nalas in the vicinity of project site	Nallurahalli lake at 500 mts in the eastern side
6	Plot Area (Sqm)	60,702.34 Sqmt
7	Built Up area (Sqm)	40,742.29 Sqmt (Existing BUA: 34,371.49 sqmand Proposed BUA: 6,370.8 sqm)
8	FAR	
	• Permissible	2.5
	• Proposed	0.597
9	Building Configuration [Number of Blocks / Towers / Wings etc., with	Existing: Building1 : B+ GF +2 UF

	Numbers of Basements and Upper Floors]	Building2 : GF +2 UF Building3 : GF +3 UF Building4 : GF Building5 : GF Proposed: Building6 : GF +2 UF Building 7 : GF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	NA
11	Height Clearance	Low raised structure max height of 14.10mtr
12	Project Cost (Rs. In Crores)	INR 51.96 Cr.
13	Disposal of Demolition waster and or Excavated earth	There is no demolition waste. Total earth excavation is about :10,000.0 cum For back filling :3,000 cum For Landscape:2,000 cum For Internal Road making :5,000 cum
14	Details of Land Use (Sqm)	
	a. Ground Coverage Area	13,351.80 Sqm
	b. Kharab Land	NA
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	20,031.77 Sqm
	d. Internal Roads	27,318.77 Sqm
	e. Paved area	
	f. Others Specify	NA
	g. Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h. Total	60,702.34Sqm
15	WATER	
	I. Construction Phase	
	a. Source of water	Our own existing STP treated water
	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	Sewage will be treated in existing STP
	II. Operational Phase	
	a. Total Requirement of Water in KLD	Fresh 113KLD
		Recycled 57KLD
		Total 170KLD
	b. Source of water	BWSSB/KIADB
	c. Waste water generation in KLD	162KLD
	d. STP capacity	200 KLD
	e. Technology employed for	SBR

	Treatment	
f.	Scheme of disposal of excess treated water if any	For HVAC
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	400 cum(2 Nos. 200 cum)
b.	No's of Ground water recharge pits	3 Nos.
17	Storm water management plan	Excess storm water to be used to recharge ground water through recharge pits.
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	518 kg/day, converted in to organic manure and used for garden
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	389 kg/day, given to PCB authorized recycler
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	200to400Lts/ year, given to PCB authorized recycler
d.	Quantity of E waste generation and mode of Disposal as per norms	400 kg/year, given toPCB authorized recycler
19	POWER	
a.	Total Power Requirement - Operational Phase	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1500 KVA - 3 Nos. DG sets (Existing building) 1500 KVA x 1 No.(proposed building)
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	33.0%
20	PARKING	
a.	Parking Requirement as per norms	485 Nos. of ECS
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS: B&C
c.	Internal Road width (RoW)	6.0 m
21	CER Activities	Contribution to Bandipura National Park and Nagarahole National Park
22	EMP Budget	Capital investment 15.0 Lakhs
	• Construction phase	During Construction 40.5 Lakhs/annum
	• Operation Phase	Capital investment 65.0 lakhs
		During operation 40.0 lakhs/annum

The proposal is for expansion of IT/ITEs building in KIADB area. The proponent informed that existing buildings with BUA of 34,371.49Sqm was constructed prior to EIA Notification 2006, as per sanction plan by KIADB on date: 02/09/2005 for total FAR area of 33,315.07Sqm for and presently proposed for additional BUA of 6,370.80Sqm with overall BUA of 40,742.29Sqm. The proponent further informed the committee that initially the land was allotted to Distant Learning Internet (India) Limited and on 23/01/2004 the land was purchased by Transfleet Global Services Private Limited. In 28/03/2005 the name was changed to Tesco Hindustan Service Centre Private Limited, later in 13/01/2016 the name was again changed to Tesco Bengaluru Private Limited by Register of Companies.

The committee noted the explanation given by the proponent and during appraisal sought clarification regarding provision made for harvesting rain water in the proposed area and landscape area proposed. The proponent submitted clarification and informed the committee that for harvesting runoff rain water from roof top, storage tank of 400cum capacity and for runoff from hardscape an additional tank of 200 cum capacity and for recharging the ground water using the excess water 3nos of recharge pits have been proposed within the project area and also for landscaping an area of 20,031.77 Sqm on natural earth has been proposed.

The proponent further informed the committee that they have made provisions to grow 758 trees 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 committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per zoning regulations and informed the proponent to harvest maximum rainwater 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.

273.7 Development of Residential Apartment Project at Uttharahalli Village, Uttharahalli Hobli, Bangalore South Taluk, Bangalore Urban District by M/s. SAI KIRAN CONSTRUCTIONS - Online Proposal No.SIA/KA/MIS/241867/2021 (SEIAA 147 CON 2021)

About the project:

Sl No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Sai Kiran Constructions, No. 55/1, 2 nd Main, Vinayaka layout, Uttharahalli Main Road, Bangalore - 560061
2	Name & Location of the Project	Development of Residential Apartment project Sy. Nos. 55/1 & 55/2, Uttharahalli village, Uttharahallihobli, Bangalore South Taluk, Bangalore.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a), Building & Construction project as per the EIA notification 2006
b.	Residential Township/ Area	NA

	Development Projects	
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Utharahallilake at a distance of 550m
6	Plot Area (Sqm)	11,532.88 sqm
7	Built Up area (Sqm)	35,595.29 sqm
8	FAR	
	• Permissible	2.25
	• Proposed	2.248
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	B+G+4UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	229 Nos.
11	Height Clearance	As per CCZM
12	Project Cost (Rs. In Crores)	Rs.50 Cr.
13	Disposal of Demolition waster and or Excavated earth	There is no demolition waste. Total earth excavation :34,000cum For back filling : 15,000cum For Landscape: 8,000cum For Internal Road making :11,000cum
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	5,442.81 Sqm
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,552.84 Sqm
d.	Internal Roads	2,537.23 Sqm
e.	Paved area	
f.	Others Specify	NA
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	11,532.88 sqm
15	WATER	
I.	Construction Phase	
a.	Source of water	BWSSB STP treated water
b.	Quantity of water for Construction in KLD	50 KLD
c.	Quantity of water for Domestic Purpose in KLD	3 KLD
d.	Waste water generation in KLD	2 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	120KLD
		Recycled	60KLD
		Total	180KLD
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	162KLD	
d.	STP capacity	165 KLD	
e.	Technology employed for Treatment	SBR	
f.	Scheme of disposal of excess treated water if any	Excess 72 KLD to be used for floor washing, given to nearby construction activities and discharge to UGD	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	310 cum	
	No's of Ground water recharge pits	17 Nos.	
17	Storm water management plan	Excess storm water to be used to recharge ground water through recharge pits.	
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	309 kg/day, converted in to organic manure and used for garden	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	206kg/day, handed over to PCB authorized recycler	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80Lts/ year, handed over to PCB authorized recycler	
d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year, handed over to PCB authorized recycler	
19	POWER		
a.	Total Power Requirement - Operational Phase	916 kW	
	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 2 Nos.	
	Details of Fuel used for DG Set	Low Sulphuric diesel	
	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 19.08%	
20	PARKING		
a.	Parking Requirement as per norms	258 Nos. of ECS	
	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : C	
	Internal Road width (RoW)	5.0 mtr	

21	CER Activities	Contribution to Bannerghatta National Park	
22	EMP Budget • Construction phase • Operation Phase	During Construction	50.00 Lakhs 10.00 Lakhs/annum
		During operation	118.0 lakhs 40.0 lakhs/annum

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

The committee during appraisal sought clarification for the high tension power line adjacent to project area and provisions for harvesting rain water in the proposed area. The proponent informed the committee a buffer of 9 mtrs from centre is proposed for high tension power line as per regulations and for harvesting rain water, the proponent has proposed 310 cum storage tank for runoff from rooftop and an additional tank of 200 cum capacity for runoff from landscape and paved areas in addition to 17nos recharge pits have been proposed within the project area.

The proponent informed the committee that they had made provisions to grow 145 trees 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 committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per RMP of BDA and informed the proponent to harvest maximum rainwater 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.

273.8 Residential Apartment Project at Gunjuru Village, Varthur Hobli, Banaglore East Taluk, Bangalore Urban District by M/s. SARITHA DEVELOPERS - Online Proposal No.SIA/KA/MIS/243261/2021 (SEIAA 148 CON 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Saritha Developers Sy.Nos.49/2 and 51/1, Gopalan International School, Sitaramapalya, Sonnenahalli, Bangalore- 560 037
2	Name & Location of the Project	Development of Residential Apartment project at Sy nos. 43/1 and 43/2 of Gunjuru village, Varthurhobli, Banaglore East Taluk, Bangalore
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a), Building & Construction project as per the EIA notification 2006
b.	Residential Township/ Area Development Projects	NA

4	New/ Expansion/ Modification/ Renewal	New	
5	Water Bodies/ Nalas in the vicinity of project site	Tertiary Nalain NW side of the project.	
6	Plot Area (Sqm)	15,211.69 sqm	
7	Built Up area (Sqm)	55,210.22 sqm	
8	FAR		
	• Permissible	2.5	
	• Proposed	2.5	
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	B+G+4UF	
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	378 units	
11	Height Clearance	As per CCZM Bangalore permitted site top elevation is 928AMSL, proposed top elevation 895.95AMSL	
12	Project Cost (Rs. In Crores)	Rs.50 Crores	
13	Disposal of Demolition waster and or Excavated earth	There is no demolition waste. Total earth excavation is about 41,000 m ³ For back filling = 17,000 m ³ For Landscape= 11,000 m ³ For Internal Road formation =13,000 m ³	
14	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	7,605.84 Sqm
	b.	Kharab Land	404.68Sqm(Excluded from total plot area)
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	4,020.48 Sqm
	d.	Internal Roads	3,585.37 Sqm
	e.	Paved area	
	f.	Others Specify	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	15,211.69Sqm(Excluding kharab area)
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	3 KLD
	d.	Waste water generation in KLD	2 KLD
	e.	Treatment facility proposed and	Mobile sewage Treatment Plant

	scheme of disposal of treated water	
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 170KLD
		Recycled 90KLD
		Total 260KLD
b.	Source of water	BWSSB
c.	Wastewater generation in KLD	210KLD
d.	STP capacity	210 KLD
e.	Technology employed for Treatment	SBR
f.	Scheme of disposal of excess treated water if any	Excess 90 KLD to be used for floor washing, given to nearby construction activities and avenue plantation
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	250cum
	No's of Ground water recharge pits	15 Nos.
17	Storm water management plan	Excess storm water to be used to recharge ground water through recharge pits.
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	510 kg/day, converted in to organic manure and used for garden
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	340 kg/day, handed over to PCB authorized recycler
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80Lts/ year, handed over to PCB authorized recycler
d.	Quantity of E waste generation and mode of Disposal as per norms	150 kg/year, handed over to PCB authorized recycler
19	POWER	
a.	Total Power Requirement - Operational Phase	1512 kW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 1 Nos. & 250 KVA X 1 No.
c.	Details of Fuel used for DG Set	Low Sulphuric diesel
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 22.8%
20	PARKING	
a.	Parking Requirement as per norms	416 Nos. of ECS
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : C

	c.	Internal Road width (RoW)	5.0 mtr	
21		CER Activities	Contribution to Gunjur Government hospital	
22		EMP Budget • Construction phase • Operation Phase	During Construction	15.00 Lakhs
				50.00 Lakhs/annum
			During operation	178.00 lakhs
				40.00 lakhs/annum

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

The committee during appraisal sought clarification for nala passing inside the project area, foot kharab as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that as per village map there is tertiary nala in north west side inside the plot area and a buffer of 15mtrs is proposed from centre on either sides as per zoning regulations and the foot kharab in question is outside the proposed project area. For harvesting rain water, the proponent has proposed 250cum storage tank for runoff from rooftop and an additional tank of 200 cum capacity for runoff from landscape and paved areas in addition to 15nos recharge pits are proposed within the project area.

The proponent informed the committee that they had made provisions to grow 190 trees 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 committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per RMP of BDA and informed the proponent to harvest maximum rainwater in the proposed project area. The committee after discussion decided to recommend the proposal to SEIAA for issue of EC with a condition to obtain necessary permissions to construct bridge/culvert on nalas from concerned authorities.

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

273.9 Construction of Residential Apartment Project at Bisuvanahalli Village, Doddaballapura Taluk, Bangalore Rural District by M/s. DS MAX PROPERTIES PVT. LTD. - Online Proposal No.SIA/KA/MIS/240778/2021 (SEIAA 142 CON 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri M. R. Shivashankar Chikkeri Authorized Signatory, M/s. DS Max Properties Pvt. Ltd., #1854, 17 th main, 30 th 'B' Cross, HBR Layout, 1 st stage, 5 th Block, Bengaluru-560043
2	Name & Location of the Project	Residential Building, At Sy. Nos. 29/1, 29/2, Bisuvanahalli Village, KasabaHobli, Doddaballapura Taluk, Bengaluru Rural District- 561203
3	Type of Development	
a.	Residential Apartment / Villas / Row	Construction of Residential Building

	Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Category 8(a), Building & Construction project as per the EIA notification 2006
b.	Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Nala in northern side of the project
6	Plot Area (Sqm)	20,233.49 Sqm
7	Built Up area (Sqm)	68,600.94 Sqm
8	FAR • Permissible • Proposed	2 1.9
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2B+G+7UF
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	578 Nos
11	Height Clearance	As per CCZM Bangalore, Site elevation is 892mtr Maximum building height: 915.65mtr Permissible top elevation of about 1025M AMSL
12	Project Cost (Rs. In Crores)	70 Cr
13	Disposal of Demolition waster and or Excavated earth	Excavated earth quantity is 11,000 Cum to be completely utilised within the project site
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	5687 Sqm
b.	Kharab Land	456.43 Sqm
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6472.11 Sqm
d.	Internal Roads	6393.18 Sqm
e.	Paved area	
f.	Others Specify	Road widening area – 236.39 Sqm Civic amenities – 988.38 Sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	1976.76 Sqm
h.	Total	20,233.49 Sqm (5A)
15	WATER	
I.	Construction Phase	
a.	Source of water	
b.	Quantity of water for Construction in KLD	10 KLD, sourced from STP treated water.

c.	Quantity of water for Domestic Purpose in KLD	5 KLD , sourced from external tanker water	
d.	Waste water generation in KLD	4.5KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Wastewater generation to be treated in septic tank/Mobile STP	
II. Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	159 KLD
		Recycled	231 KLD
		Total	390 KLD
b.	Source of water	Bashettihalli Gram Panchayath	
c.	Waste water generation in KLD	312 KLD (80% of total water)	
d.	STP capacity	350 KLD	
e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology	
f.	Scheme of disposal of excess treated water if any	For flushing :130 KLD For miscellaneous (Laundry, Floor washing, Vessels) :101 KLD For gardening :53 KLD For Car washing :12 KLD	
16 Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	1X150 cum	
	No's of Ground water recharge pits	7 no's	
17	Storm water management plan	Storm water pond of capacity 100 cum to be constructed at North side.	
18 WASTE MANAGEMENT			
I. Construction Phase			
a.	Quantity of Solid waste generation and mode of Disposal as per norms	10 kg/day, Solid waste to be 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	780 kg/day, Organic wastes to be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 35 kg/day to be reused as manure for greenery development purposes.	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	520 kg/day, Recyclable waste to 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 generated from the DG sets to 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 to be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.	
19 POWER			
a.	Total Power Requirement - Operational Phase	BESCOM - 1900 kVA	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1x750kVA	

	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 20%
20		PARKING	
	a.	Parking Requirement as per norms	656 no's of ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS, Towards Bengaluru: B Towards Doddaballapura: B
	c.	Internal Road width (RoW)	Approach road width :12 mtr Internal road width is: 8 mtr
21		CER Activities	Providing smart class facility for Singanayakanahalli Government school.
22		EMP Budget <ul style="list-style-type: none"> • Construction phase • Operation Phase 	During Construction: Capital investment – 11.7lakhs Operation investment – 0.95 lakhs/ annum During Operation: Capital investment – 243 lakhs Operation Investment – 20.5 lakhs/ annum

The proposal is for construction of residential apartment in an area which is earmarked for park and residential use as per master plan of BIAAPA, for which the proponent informed that the land has been converted to residential use by District Commissioner Bangalore Rural District.

The committee during appraisal sought clarification for nala adjacent to the project area and cart track road as per village map and provisions for harvesting rain water in the proposed area. The proponent informed the committee that as per village map there is secondary nala in northern side of the plot area and an average buffer of 31mtrs is proposed from centre of the nala and cart track road, is an existing road in kharab area of 505.85 Sqm and an area of 236.39 Sqmt is left for road widening area in southern side of the project. For harvesting rain water, the proponent has proposed 100 cum storage tank for runoff from rooftop and an additional tank of 100 cum capacity for runoff from landscape and paved areas in addition to 7nos recharge pits proposed within the project area. The proponent agreed to make necessary provisions to construct lead off concrete drain for letting out excess treated water and storm water to main drains.

The proponent submitted revised tree list and informed the committee that they had made provisions to grow 275 trees in the proposed project area, in addition to 16 existing trees. 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 are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per BIAAPA regulations and informed the proponent to harvest maximum rainwater 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.

273.10 Construction of 1 Lakh Multy Storey Bengaluru Housing Programme Projects at Kukkanahalli Village, Bangalore North Taluk, Bangalore Urban District by M/s. RAJIV GANDHI HOUSING CORPORATION LIMITED - Online Proposal No.SIA/KA/MIS/214455/2021 (SEIAA 145 CON 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Vishwanath J, Executive Engineer M/s. Rajiv Gandhi Housing Corporation Limited RGHCL, 8 th Floor, E&F Block, K.G. Road, Cauvery Bhavan, Bengaluru - 560009
2	Name & Location of the Project	Proposed development of "1 Lakh Multi Storey Bengaluru Housing Programme" At Survey No. 77 of Kukkanahalli Village, Dasanapura Hobli, Bengaluru North Taluk, Bengaluru Urban District, Karnataka -560089
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Construction of Residential flats
	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)	35,308.82 Sqm (8A 29G)
7	Built Up area (Sqm)	24,993.27 Sqm
8	FAR • Permissible • Proposed	Allowable = 5 (1,76,544.1 Sqm) Achieved = 0.7 (23,440.67 Sqm)
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	10 residential blocks with building configuration - G+3UF+TF of 600 units with a height of 12.45m.
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	600 Nos
11	Height Clearance	Height Clearance not required.
12	Project Cost (Rs. In Crores)	53 Crores
13	Disposal of Demolition waster and or Excavated earth	Excavated earth quantity - 6200 Cum completely utilised within the project site
14	Details of Land Use (Sqm)	
	a. Ground Coverage Area	6184.06 Sqm
	b. Kharab Land	--

c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	11661.41 Sqm						
d.	Internal Roads	9989.21 Sqm						
e.	Paved area							
f.	Others Specify	Civic amenities – 1765.5 Sqm. Parking area – 1890.5 Sqm Open space area – 3758.14 Sqm						
g.	Parks and Open space in case of Residential Township/ Area Development Projects	5058.66 Sqm						
h.	Total	35308.82 Sqm (8A 29G)						
15	WATER							
I.	Construction Phase							
a.	Source of water							
b.	Quantity of water for Construction in KLD	For Construction - 10 KLD and Sourced from STP treated water.						
c.	Quantity of water for Domestic Purpose in KLD	For Domestic – 4.5 KLD and Sourced from external tanker water						
d.	Waste water generation in KLD	Wastewater generation from construction site is 3.6 KLD						
e.	Treatment facility proposed and scheme of disposal of treated water	Wastewater generation will be treated in septic tank and used for dust suppression.						
II.	Operational Phase							
a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>132 KLD</td> </tr> <tr> <td>Recycled</td> <td>168 KLD</td> </tr> <tr> <td>Total</td> <td>300 KLD</td> </tr> </table>	Fresh	132 KLD	Recycled	168 KLD	Total	300 KLD
Fresh	132 KLD							
Recycled	168 KLD							
Total	300 KLD							
b.	Source of water	Gopalapura Gram Panchayath						
c.	Waste water generation in KLD	240 KLD (80% of total water)						
d.	STP capacity	270 KLD						
e.	Technology employed for Treatment	Sequence Batch Reactor (SBR) Technology						
f.	Scheme of disposal of excess treated water if any	228 KLD (95% of sewage water) For flushing – 108 KLD For Miscellaneous (Laundry, Floor washing, Vessels)– 60 KLD For gardening – 60 KLD						
16	Infrastructure for Rain water harvesting							
a.	Capacity of sump tank to store Roof run off	1X150 KL						
b.	No's of Ground water recharge pits	14no's						
17	Storm water management plan	Storm water pond of two numbers with capacity of 200 kl will be constructed at North and West side of the project site with dia of 6 meter and depth of 7m.						
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 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 –648 kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 27 kg/day will be reused as manure for greenery development purposes.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity – 432 Kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil 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 – 1800 kW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	62.5KVA & 125KVA
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, LED lights, Copper wound transformer are proposed in the project -18%
20	PARKING	
a.	Parking Requirement as per norms	Required = 110 no's, Provided = 126 no's
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Towards Hesarghatta –B Towards Chikmadhurai – B
c.	Internal Road width (RoW)	Approach road width – 12m Internal road width is– 7.5 m
21	CER Activities Proposed	As Rajiv Gandhi housing corporation Limited is a government project the CER activities and its budget provision with respect to the proposed project are not worked out.
22	EMP <ul style="list-style-type: none"> • Construction phase • Operation Phase 	During Construction: Capital investment – 16.1lakhs Operation investment – 0.95 lakhs/ annum During Operation: Capital investment – 344 lakhs Operation Investment – 13.5 lakhs/ annum

The proposal is for construction of residential apartment in an area which is earmarked for park and open space by Nelamangala Development Authority, for which the proponent informed that the land is been allotted by Government for one lakh Multi Storey Bengaluru Housing

Programme by Govt. Order dated:19/03/2018 by Revenue Department. The proponent further informed that the proposed project in Sy.No. 77 of Kukkanahalli Village was initially under Dasanpura Hobli, Nelamangala Taluk and is now in Bangalore North Taluk, Bangalore District.

The committee during appraisal sought clarification for nala in the plot area as per village map and provisions for harvesting rain water in the proposed area and management of excess storm and treated water. The proponent informed the committee that as per village map though there is nala inside the plot area, there is no kharab area as per RTC. For harvesting rain water, the proponent has proposed 150 cum storage tank for runoff from rooftop and two ponds of capacity 100 cum each for runoff from landscape and paved areas in addition to 14 nos recharge pits are proposed within the project area. The proponent agreed to make necessary provisions to construct lead off concrete drain for letting out excess treated water and storm water to main drains.

The proponent informed the committee that they had made provisions to grow 430 trees 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 committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per regulations of local planning authority and informed the proponent to harvest maximum rainwater 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.

273.11 Residential Apartment and a Club House Project at Hinkal Village, Kasaba Hobli, Mysuru Taluk, Mysuru District by MRS. BIBI CHANDY, BEENA PHILIP & SWAPNA ANNA MAMMEN- Online Proposal No. SIA/KA/MIS/245520/2021 (SEIAA 150 CON 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mrs. Bibi Chandy, Beena Philip & Swapna Anna Mammen.Owners,No. 47, Ashram Road, Jayalakshmi Puram, Mysuru – 570 012
2	Name & Location of the Project	Proposed Residential Apartment and Club House Building , Sy. Nos. 192, 193/1 & 193/3A, Property No. 08, Hinkal Village, Kasaba Hobli, Mysuru Taluk, Mysuru District.
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment and Club House Category 8(a), Building & Construction project as per the EIA notification 2006
b.	Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New

5	Water Bodies/ Nalas in the vicinity of project site	--
6	Plot Area (Sqm)	8,138.30Sqm
7	Built Up area (Sqm)	28,009.98Sqm
8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.50 2.49
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	LB+UB+GF+13UF.
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	95 nos
11	Project Cost (Rs. In Crores)	Rs. 45.20Crores
12	Disposal of Demolition waster and or Excavated earth	There is no demolition waste. Total Excavated earth :22,125cum For Backfilling :7,080cum For Landscaping :5,575cum For Driveway & hardscape :5,836cum For site formation :3,634cum
13	Details of Land Use (Sqm)	
	a. Ground Coverage Area	1,280.48 Sqm
	b. Kharab Land	-
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,787.38Sqm
	d. Internal Roads	2,918.05 Sqm
	e. Paved area	
	f. Others Specify	Road Widening area :745.47 Sqm CA area : 406.92 Sqm
	g. Parks and Open space in case of Residential Township/ Area Development Projects	-
	h. Total	8,138.30Sqm
14	WATER	
	I. Construction Phase	
	a. Source of water	The domestic water requirement to be met by external suppliers and water requirement for construction purpose to be met by external tankers.
	b. Quantity of water for Construction in KLD	13 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 to be discharged to UGD.	
II. Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	53KLD
		Flushing	27KLD
		Total	80 KLD
b.	Source of water	Vani Vilas Water Works	
c.	Wastewater generation in KLD	72 KLD	
d.	STP capacity	90 KLD	
e.	Technology employed for Treatment	Sequential Batch Reactor	
f.	Scheme of disposal of excess treated water if any	Excess 21 KLD for UGD and Avenue plantation.	
15	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	30 Cum	
	No's of Ground water recharge pits	06 Nos.	
16	Storm water management plan	Storm water collection sump of capacity 10 cum will be provided, excess runoff will be routed in to the external storm water drain.	
17	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 handed over to local vendors Construction debris is 28 cum, to 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	116kg/day, to be segregated at household levels and will be processed in proposed organic waste converter.	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	175kg/day, to be handed over to authorized waste recyclers	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation:0.1798 L/ running hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. to be handed over to the authorized hazardous waste recyclers.	
d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes to be collected separately & it to be handed over to authorized E-waste recyclers for further processing.	
18	POWER		
a.	Total Power Requirement - Operational Phase	677 kW	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	250 kVA – 1 No. & 120 kVA – 1 No.	

	c.	Details of Fuel used for DG Set	77.52 l/hr			
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total energy savings is 26 %			
19	PARKING					
	a.	Parking Requirement as per norms	138 nos of ECS			
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Towards	Existing	Changed
			Hunsur Main Road	Hunsur	B	A
			Mysuru City	B	A	
	c.	Internal Road width (RoW)	30 m wide road			
20	Height Clearance		NOC from AAI dated:29/09/2021			
21	CER Activities		Hinkal Government School renovation work by providing furniture, boards and other accessories.			
22	EMP Budget		During Construction: Capital Investment – 2.50Lakh Construction – 13.30 Lakh/annum During Operation: Capital investment – 83.00Lakh Operation Investment – 14.55 Lakh/annum			
		<ul style="list-style-type: none"> • Construction phase • Operation Phase 				

The proposal is for construction of residential apartment in an area which is earmarked for industrial use in mutation corridor as per Mysore urban Development Authority(MUDA), for which the proponent informed that the proposed area was converted to Commercial use by MUDA on 20/12/2006 and in 23/11/2021, MUDA has given clarification informing that residential land use is permitted as per zoning regulations.

The committee during appraisal sought clarification regarding provision made for harvesting rain water in the proposed area. The proponent submitted clarification and informed the committee that for harvesting runoff rain water from roof top, storage tanks of capacity 30 cum and 10cum and for runoff from hardscape/paved areas an pond of 35 cum capacity and for recharging the ground water using the excess water 6 nos of recharge pits have been proposed within the project area.

The proponent further informed the committee that they have made provisions to grow 102 trees 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 committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per zoning regulations of MUDA and informed the proponent to harvest maximum rainwater 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.

273.12 Residential Apartment and a Club House Project at Khatha No. 5, Sy. No.15, Srinivasapura Village, Yelahanka Hobli, Bengaluru North Additional Taluk, Bengaluru by M/s. CASA GRANDE GARDEN CITY BUILDERS PVT. LTD. - Online Proposal No.SIA/KA/MIS/246882/2021 (SEIAA 152 CON 2021)

The proponent remained absent with intimation. The committee decided to defer the appraisal of the project proposal.

Action: Member Secretary, SEAC to put up before SEAC, during the upcoming meetings.

273.13 Establishment of active pharmaceutical ingredients (API) manufacturing unit at Vasanthanarasapura Industrial Area, Phase – II, Yaladadlu Village, Kora Hobli, Tumakuru Taluk, Tumakuru District by M/s. COPERNICIUM PHARMACEUTICALS PVT. LTD. - Online Proposal No.SIA/KA/IND3/247022/2021 (SEIAA 61 IND 2021)

About the project:

S.No	PARTICULARS	INFORMATION
1	Name of the project proponent:	M/s. Copernicium Pharmaceuticals Pvt. Ltd.
2	Name & Location of the project:	Plot No. 569, Vasanthanarasapura Industrial Area, Phase – II, Yaladadlu Village, Kora Hobli, Tumakuru Taluk, Tumakuru District,
3	New/expansion/ modification / product mix change:	New project (Establishment of Active Pharmaceutical Ingredients manufacturing unit)
4	Plot Area	14624.00 sqm. (3.6 acres)
5	Ground coverage Area	4594.65sqm
6	Green Belt Coverage - % of total area	4987.05 sqm (34.1%)
7	Project Cost	Rs. 50 Crores
8	Component of development:	

List of proposed Products

Sl. No.	Name of the API product	Quantity (TPM)	CAS Number	Therapeutic Use
1.	Amikacin sulfate	10	149022-22-0	To treat certain serious infections
2.	Avatrombopag maleate	1	677007-74-8	To treat chronic liver disease
3.	BuspironeHCl	5	33386-08-2	To treat anxiety disorders
4.	Canagliflozin	10	842133-18-0	To lower blood sugar levels in people with type 2 diabetes
5.	Eltrombopag olamine	2	496775-62-3	To increase the number of platelets
6.	Glycopyrroniumtosylate	3	1624259-25-1	To treat excessive sweating from your underarms
7.	Lurasidone hydrochloride	10	367514-88-3	To treat the symptoms of schizophrenia

8.	Nintedanibesylate	2	656247-18-6	To treat idiopathic pulmonary fibrosis
9.	Oxcarbazepine	2	28721-07-5	To control certain types of seizures
10.	Praziquantel	10	55268-74-1	To treat schistosoma
11.	Prucalopride succinate	2	179474-85-2	To treat chronic idiopathic (unknown cause) constipation (CIC)
12.	Riociguat	1	625115-55-1	To treat pulmonary arterial Hypertension
13.	Selexipag	1	475086-01-2	To treat pulmonary arterial hypertension
14.	Siponimod fumarate	1	1234627-85-0	To treat secondary Progressive multiple sclerosis
15.	Tiotropium bromide	1	186691-13-4	To treat lung diseases such as asthma and COPD
16.	UDCA	2	128-13-2	To treat gallstone Disease (cholelithiasis)
17.	Vortioxetine hydrobromide	5	960203-27-4	To treat depression in adults
	Total (6 products at a time)	50 TPM		

Note: From the above list of products, any 6 products will be manufactured at a given point of time.

List of Proposed By-products

Sl. No	Name of the Product	Name of the By Product	Quantity in Kgs/Day
1	Buspiron HCl	Tri ethyl amine HBr	100

9	Source of water -operational phase:	KIADB
10	Total Water Requirement (Domestic + Industrial) in KLD	123.8 KLD (Fresh water – 98.8 KLD)
11	Total waste water generation in KLD	55.2 KLD(Domestic sewage – 2.7 KLD)
12	Scheme of disposal of excess treated water	The total wastewater generated from the industry is 55.2 KLD which includes industrial wastewater of 52.5 KLD and domestic sewage of 2.7 KLD. Domestic sewage will be sent to septic tank (As per IS:2470 Part-I) followed by soak pit. The industrial effluent quantity of 52.5 KLD will be treated in ZLD System (100 KLD) which includes Biological treatment system of 50 KLD and MEE of capacity 50 KLD and treated water will be utilized for cooling tower makeup.

13	ETP Capacity		ZLD System (100 KLD) of Biological treatment system of 50 KLD and MEE of capacity 50 KLD		
14	STP Capacity		Not applicable. Sewage will be treated in Septic tank & Soak Pit		
15	Waste Generation & its Disposal:		Effluent generation - 55.2 KLD (Domestic sewage – 2.7 KLD) Treated water will be used for cooling tower – 25 KLD		
16	Solid Waste				
	S.No	Type of waste	Existing Quantity	Method of handling/ disposal	
	1	Canteen waste (Organic waste)	5.6 Kgs/day	Shall be handed over to KSPCB authorized vendors.	
	2	Inorganic waste	8.4Kgs/day	Shall be handed over to KSPCB authorized vendors/recyclers	
17	Hazardous Waste				
	Sl. No.	Category No.	Type of HW	Quantity	Disposal Method
	1	5.1	Used Spent Oil	0.5 KL/A	Shall be stored in secured manner & handed over to KSPCB authorized recyclers.
	2	5.2	Oil-soaked cotton	4 kgs/month	KSPCB Authorized vendor
	3	20.3	Distillation Residue	968 kgs/day	Stored in secured manner and hand over to authorized cement industry for co-processing.
	4	28.1	Process residues & waste	628.7 kgs/day	Stored in secured manner and hand over to authorized cement industry for co-processing/TSDF.
	5	28.2	Spent Catalyst	43.3 kgs/day	Stored in secured manner and hand over to authorized recycler
	6	28.3	Spent Carbon	36.7 kgs/day	Shall be stored in secured manner & handed over to authorized cement industry for co-processing.
	7	28.4	Off Specification products	1 TPM	Stored in secured manner and hand over to authorized cement industry for co-processing/TSDF.
	8	28.5	Date expired Products	500 Kgs/Month	Stored in secured manner and hand over to authorized cement industry for co-processing/TSDF.
	9	33.1	Detoxified-Container & Container Liners of Hazardous Chemicals and Wastes	250 No's/Month	After complete detoxification, disposed to outside agencies.
	10	33.2	Contaminated cotton rags or	30 Kgs/month	Shall be stored in secured manner & handed over to KSPCB Authorized

		other cleaning materials		vendor
11	35.3	Sludge from wastewater treatment	3 MT/day	Sent to TSDF
12	35.3	MEE Salt	2.5 MT/day	Sent to TSDF
13	A1160	Used Lead acid batteries	5 Nos./Annum	Returned to dealer/supplier
14	-	Scrubber Residue	100 kg/day	Sent to TSDF
15	-	Used PPE	10 Kgs/ Month	Send to authorized vendor
16	B1110	E-waste	150 Kgs/ Annum	Authorized recyclers
17	--	Plastic waste	200 Kgs/ Annum	Authorized recyclers
18	DB1010	Metal scraps	5 TPA	Sale to outside agencies/recyclers
19	--	Used Filters (HEPA filters, oil filters, etc)	50 Nos /year	Send to TSDF
20	--	Used/discarded RO membranes	0.3 TPA	Send to TSDF

18 EMP

S. No.	Description	Amount in lakhs	Amount in lakhs
		Investment cost	Maintenance cost
1	Pollution Control equipment's (Scrubber, Cyclone separators)	50	5
2	Water Pollution Control	100	5
3	Rainwater Harvesting system	6	2
4	Green Belt Development	10	2
5	Occupational health and safety	6	1
6	Storm water drains and fire management	5	2
7	Environmental laboratory	2	0.5
TOTAL		179	17.5

19 CER Activities Proposed

Total: Rs 10 Lakh in 5 years

1 st Year	2 nd Year	3 rd year	4 th year	5 th year	Total	Total	Proposed CER activities
1,00,000	1,00,000	1,00,000	1,00,000	1,00,000	5 Lakhs	10 Lakhs	Avenue plantation of 1000 saplings in Bhahujanahalli village (Cost of 1 sapling is Rs. 500)
50,000	50,000	50,000	50,000	50,000	5 Lakhs		Providing rainwater harvesting facility for Government Higher Primary School, Thippedasarahalli.

	50,000	50,000	50,000	50,000	50,000	2.5 Lakhs	Providing safe drinking water facility for Government Higher Primary School, Thippedasarahalli.
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Power requirement of project will be 1000 KVA and will be met from BESCO. It is proposed to install boiler capacity of (4 TPH x 1 Nos) fired by Furnace Oil with stack of height 30m and DG sets of capacity 500 KVA X 2 Nos with stack height of 9m as per CPCB norms. Multi Cyclone separators and bag filter will be installed for the boiler for controlling the particulate emissions (within statutory limit of 115 mg/ Nm³).

The details of products and capacity as under:

Sl. No.	Name of the API product	Quantity (TPM)	CAS Number	Therapeutic Use
1.	Amikacin sulfate	10	149022-22-0	To treat certain serious infections
2.	Avatrombopag maleate	1	677007-74-8	To treat chronic liver disease
3.	Buspirone HCl	5	33386-08-2	To treat anxiety disorders
4.	Canagliflozin	10	842133-18-0	To lower blood sugar levels in people with type 2 diabetes
5.	Eltrombopag olamine	2	496775-62-3	To increase the number of platelets
6.	Glycopyrroniumtosylate	3	1624259-25-1	To treat excessive sweating from your underarms
7.	Lurasidone hydrochloride	10	367514-88-3	To treat the symptoms of schizophrenia
8.	Nintedanibesylate	2	656247-18-6	To treat idiopathic pulmonary fibrosis
9.	Oxcarbazepine	2	28721-07-5	To control certain types of seizures
10.	Praziquantel	10	55268-74-1	To treat schistosoma
11.	Prucalopride succinate	2	179474-85-2	To treat chronic idiopathic (unknown cause) constipation (CIC)
12.	Riociguat	1	625115-55-1	To treat pulmonary arterial hypertension
13.	Selexipag	1	475086-01-2	To treat pulmonary arterial hypertension
14.	Siponimod fumarate	1	1234627-85-0	To treat secondary progressive multiple sclerosis
15.	Tiotropium bromide	1	186691-13-4	To treat lung diseases such as asthma and COPD
16.	UDCA	2	128-13-2	To treat gallstone disease

				(cholelithiasis)
17.	Vortioxetine hydrobromide	5	960203-27-4	To treat depression in adults
	Total (6 products at a time)	50 TPM		

Details of Process emissions generation and its management.

Sl.No.	Name of the Emission	Quantity in kgs/day	Treatment Method	Disposal Method
1	Hydrogen Chloride	2.0	Scrubbed by using water media	Generated Dil. HCl will be reused within the industry
2	Bromine	33.3	Scrubbed by using Sodium thiosulphate	Residues will be sent to TSDF
3	Carbon dioxide	235.0	Dispersed into atmosphere	-
4	Oxygen	53.0		
5	Hydrogen	0.25	Dispersed into atmosphere through flame arrester	-

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

Sl. No.	Category No	Type of HW	Quantity	Disposal Method
1	5.1	Used Spent Oil	0.5 KL/A	Shall be stored in secured manner & handed over to KSPCB authorized recyclers.
2	5.2	Oil-soaked cotton	4 kgs/month	KSPCB Authorized vendor
3	20.3	Distillation Residue	968 kgs/day	Stored in secured manner and hand over to authorized cement industry for co-processing.
4	28.1	Process residues & waste	628.7 kgs/day	Stored in secured manner and hand over to authorized cement industry for co-processing/TSDF.
5	28.2	Spent Catalyst	43.3 kgs/day	Stored in secured manner and hand over to authorized recycler
6	28.3	Spent Carbon	36.7 kgs/day	Shall be stored in secured manner & handed over to authorized cement industry for co-processing.
7	28.4	Off Specification products	1 TPM	Stored in secured manner and hand over to authorized cement industry for co-processing/TSDF.
8	28.5	Date expired Products	500 Kgs/Month	Stored in secured manner and hand over to authorized cement industry for co-processing/TSDF.
9	33.1	Detoxified-Container & Container Liners of	250 No's/Month	After complete detoxification, disposed to outside agencies.

		Hazardous Chemicals and Wastes		
10	33.2	Contaminated cotton rags or other cleaning materials	30 Kgs/month	Shall be stored in secured manner & handed over to KSPCB Authorized vendor
11	35.3	Sludge from wastewater treatment	3 MT/day	Sent to TSDF
12	35.3	MEE Salt	2.5 MT/day	Sent to TSDF
13	A1160	Used Lead acid batteries	5 Nos./Annum	Returned to dealer/supplier
14	--	Scrubber Residue	100 kg/day	Sent to TSDF
15	--	Used PPE	10 Kgs/Month	Send to authorized vendor
16	B1110	E-waste	150 Kgs/ Annum	Authorized recyclers
17	--	Plastic waste	200 Kgs/ Annum	Authorized recyclers
18	DB1010	Metal scraps	5 TPA	Sale to outside agencies/recyclers
19	--	Used Filters (HEPA filters, oil filters, etc)	50 Nos/year	Send to TSDF
20	--	Used/discarded membranes RO	0.3 TPA	Send to TSDF

EFFLUENT WATER in KL per day							SOLID WASTE in kg/day					
Water input	Water in Effluent	Organics in effluents	TDS	COD	HTDS	LTDS	Total Effluent	Organic	In Organic	Spent carbon	Process Emission	Distillation residue
27166.7	28439.3	1385.9	2474.7	2303.1	27524	4242.7	31766.7	628.7	00	36.7	323.55	968

HAZARDOUS SOLID WASTE DETAILS

Organic solid waste	Inorganic solid waste	Spent Carbon	Distillation Residue
Kg/day	Kg/day	Kg/day	Kg/day
628.7	00	36.7	968

EMISSION DETAILS

Kg/day				
HCl	CO ₂	H ₂	Br ₂	O ₂
2.0	235.0	0.25	33.3	53.0

This is a new proposal. The land was allotted by KIADB on 31.01.2019.

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 within 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 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.

273.14 Expansion of Existing products capacity of biopharmaceutical manufacturing unit Project at Sy. Nos. 46/1, 46/2, 47/3, 48/6, 44/1, 44/2, 44/3B, 44/3A, 47/1, 47/2, 49/1, 49/2, 47/4, 31, 32, 47/3B of Hebbagodi CMC, Anekal Taluk, Bangalore Urban District by M/s. BIOCON LIMITED - Online Proposal No.SIA/KA/IND3/246744/2021(SEIAA 63 IND 2021) - Expansion

This is an expansion proposal, for which earlier EC was issued on 19.06.2021 and the proponent submitted certified compliance to earlier EC conditions certified by Regional Office, MoEF&CC on 19.06.2021.

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 within 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 after discussion decided to have a site visit, to ascertain whether the existing facility is operating as per the earlier issued EC and has complied with all the conditions. Hence the committee decided to defer the proposal for site visit with the following sub-committee Chairman and Members.

Sl.No.	Name	Designation
1.	Dr. Shekar H.S.,	Chairman
2.	Shri B.V.Byra Reddy,	Member
3.	Shri Devegowda Raju,	Member
4.	Shri B. Ramasubba Reddy,	Member
5.	Shri Nanda Kishore,	Member
6.	Shri Mahendra Kumar M.C.,	Member
7.	Shri Sharanabasava Chandrashekhar Pilli,	Member
8.	Shri Devegowda Raju,	Member
9.	Shri R. Gokul, IFS	Member

Action: Member Secretary, SEAC to put up before SEAC after receipt of site visit report.

273.15 Expansion of Aroma, Active Pharmaceutical Ingredients (API), Pharma Intermediates, Agro Chemicals, Job Work & Other Speciality Chemical Manufacturing Facility Project at Plot No.42A, MSEZL Bajape Village, Mangalore Taluk, Dakshina Kannada District by M/s. Catasynt Speciality Chemicals Pvt. Ltd. - Online Proposal No.SIA/KA/IND2/206699/2021(SEIAA 27 IND 2021)

This is an expansion proposal, for which earlier EC was issued on 26.04.2017 and the proponent submitted certified compliance to earlier EC conditions certified by Regional Office, MoEF&CC on 28.12.2021. Earlier the proponent submitted the application for APIs along with the Agro Chemicals and specialty chemicals. Further the proponent submitted that they propose only 7 numbers of APIs in addition to the earlier EC products.

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 within 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 after discussion decided to have a site visit, to ascertain whether the existing facility running as per the earlier issued EC and complied with all the conditions. Hence the committee decided to defer the proposal for site visit by the following sub-committee Chairman and Members.

Sl.No.	Name	Designation
1.	Shri Nanda Kishore,	Chairman
2.	Shri B.V. Byra Reddy,	Member
3.	Shri Devegowda Raju,	Member
4.	Dr. Shekar H S	Member
5.	Shri Mahendra Kumar M.C.,	Member
6.	Shri Dinesh	Member
7.	Shri J B Raj	Member
8.	Shri R. Gokul, IFS	Member

Action: Member Secretary, SEAC to put up before SEAC after receipt of site visit report.

273.16 Laterite Grade 'A' Quarry (New) Project at Nandalike Village, Karkala Taluk, Udupi District (2.98 Acres) by Sri Prashanth Kevin Dsouza - Online Proposal No.SIA/KA/MIN/247385/2021(SEIAA 681 MIN 2021)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri. Kevin Prashanth Dsouza/S/o. Francis Dsouza, "Joseph Krupa" Janatha, Belman Village, Karkala Taluk, Udupi District
2	Name & Location of the Project	Laterite Grade 'A' Quarry in 2.98 Acres of Patta Land bearing Sy. Nos. 165/4, 165/6 &

		166/1B2 of Nandalike Village, Karkala Taluk, Udupi District.
3	Type Of Mineral	Laterite Grade 'A'
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	2.98 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	75,000Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.40 (Rs. 40 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,67,899Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	75,000Tons/Annum (Max.)
11	CER Action Plan: <ul style="list-style-type: none"> Propose take up 150 No. of additional plantation on either side of the approach road from quarry location to Nandalike Village Road Propose to provide Roof top Rain water Harvesting facility to nearby Govt. Primary School, Nandalike Village. 	
12	EMP Budget	Rs. 2.38 Lakhs (Capital Cost) & 12.95 Lakhs (Recurring cost)
13	Forest NOC	05.07.2021
14	Revenue NOC	06.08.2021
15	Notification	02.12.2021
16	Quarry plan	20.12.2021
17	Cluster certificate	20.12.2021

There is an existing cart track road to a length of 550 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 2.98 Acres and hence the project is categorized as B2. 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 7,67,899 Tons as per the approved quarry plan, the committee estimated the life of the mine as 11 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 75,000 TPA.

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

273.17 Building Stone Quarry Project at Sy. Nos. 72/1 & 72/2 of Vanaballari Village, Koppal Taluk & District (12-11 Acres) by M/s. AMBA BHAVANI STONE CRUSHER - Online Proposal No.SIA/KA/MIN/246246/2021 (SEIAA 684 MIN 2021)

The committee observed that as per the revenue NOC, the proponent to leave 50meters from the existing nala within the project site. The committee after discussion and deliberation decided to defer the appraisal of the project proposal till the submission of the revised quarry plan incorporating 50meter buffer as per revenue NOC.

Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting

273.18 Building Stone Quarry at Jekinakatti Village, Savanur Taluk, Haveri District (1-26 Acres) by Sri Rudrappa V Mulimani - Online Proposal No.SIA/KA/MIN/247856/2021 (SEIAA 683 MIN 2021) – Expansion

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Rudrappa V Mulimani #92/A, Vanahalli Purn Gram, Shiggon, Haveri – 581205
2	Name & Location of the Project	“Building Stone Quarry” of Sri Rudrappa V Mulimani, Sy. No: 44/3, Jekinakatti Village, Savanur Taluk, Haveri District.
3	Type of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion (QL No. HVRNS 139/2021-22)
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
6	Area in Ha	0.677Ha
7	Annual production (metric ton /Cum) per annum	65,263 Tonnes per annum (average including waste)
8	Project Cost (Rs. In Crores)	1.14 crores
9	Proved quantity of mine/quarry-Cu.m/Tons	3,44,537 Tonnes
10	Permitted quantity per annum- Cu.m/Ton	65,263 Tonnes per annum (average including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to GHPS at Jekinakatti Village
	2 nd	
	3 rd	Cleaning out and deepening of Madapur pond
	4 th	Rain water harvesting pits to GHPS at Jekinakatti Village
	5 th	
12	EMP Budget	Rs.18.25 lakhs (Capital Cost) & Rs. 9.1 lakhs (Recurring cost)
13	Forest NOC	23.12.2020
14	Revenue NOC	02.01.2021
15	Lease deed	12.08.2021
16	Earlier EC	05.08.2021
17	Quarry plan	14.12.2021
18	Cluster certificate	03.03.2021

This is a proposal for expansion, for which the EC was issued earlier on 05.08.2021 and lease was granted on 12.08.2021.

The proponent has informed that the lease was granted recently on 12.08.2021 and since then he has not worked in the quarry and also six months has not elapsed from the date of issue of EC to submit compliance to the earlier EC conditions.

There is an existing cart track road to a length of 1.35KM connecting lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500 meter radius and the total area of the subject lease is 2.98 Acres and hence the project is categorized as B2. 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 3,44,537 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 65,263 TPA (including waste).

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

273.19 Building Stone Quarry Project at Nijaganahalli Village, K R Nagara Taluk, Mysore District (1-00 Acre) by Sri SWAMY H T HOSAKOTE KOPPALU SWAMY- Online Proposal No.SIA/KA/MIN/248686/2021 (SEIAA 01 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Swamy H TS/o Sri Thopegowda, Hosakote Koppalu Village, K R Nagar Taluk, Mysore.
2	Name & Location of the Project	Building Stone Quarry in 1-00 Acres of Patta Land bearing Sy. No.29/1 of Nijaganahalli Village in K R Nagar Taluk, Mysore District,
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	1-00 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	11,046Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.25 (Rs. 25 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	64,435Tons

10	Permitted Quantity Per Annum - Cu.m / Ton	11,046Tons/Annum (Max.)
11	CER Action Plan: • Propose take up 200 No. of additional plantation on either side of the approach road from quarry location to Nijaganahalli Village Road	
12	EMP Budget	Rs.1.42 Lakhs (Capital Cost) &7.80 Lakhs (Recurring cost)
13	Forest NOC	18.02.2017
14	Revenue NOC	24.01.2017
15	Notification	28.10.2021
16	Quarry Plan	14.12.2021
17	Cluster certificate	16.12.2021

There is an existing cart track road to a length of 1.3KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG, there are 3 leases including the subject lease within the 500 meter radius from this lease area and the total area of all these leases is 3-20 Acres. Hence the project is categorized as B2. 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 64,435 Tonnes as per the approved quarry plan, the committee estimated the life of the mine as 6 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 11,046 TPA.

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

273.20 Building Stone Quarry Project at Ucchangidurga Village, Harappanahalli Taluk, Ballari District (1-75 Acres) by Sri Shyam G. S. - Online Proposal No.SIA/KA/MIN/236126/2021(SEIAA 594 MIN 2021)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	M/s Shyam.G.S
2	Name & Location of the Project	Building Stone Quarry in 1.75 Acres of Patta Land bearing Sy. No.399/E4,Ucchangidurga Village, Harapanahalli Taluk, Vijayanagara District.
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	0.708 Ha

7	Annual Production (Metric Ton / Cum) Per Annum	60,000 Tons/Annum
8	Project Cost (Rs. In Crores)	0.40 (Rs. 40 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,66,622Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	60,000Tons/Annum (Max.)
11	CER Action Plan: • Propose to provide Portable RO plant to the nearby Govt. School at Karadidurga Village	
12	EMP Budget	Rs. 3.32 Lakhs (Capital Cost) & 4.95 Lakhs (Recurring cost)
13	Forest NOC	27.04.2021
14	Revenue NOC	23.02.2021
15	Notification	22.09.2021
16	Quarry Plan	12.09.2021
17	Cluster certificate	22.10.2021

There is an existing cart track road to a length of 1.1 KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG, there are 5 leases including the subject lease within the 500 meter radius from this lease area and out of which three leases were exempted in view of either the leases granted prior to 09.09.2013 or ECs issued prior to 15.01.2016. The total area of the 2 leases including the subject lease is 5.75 Acres. Hence the project is categorized as B2. 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 3,66,622 Tonnes as per the approved quarry plan, the committee estimated the life of the mine as 7 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 60,000 TPA.

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

273.21 Pink Porphyry/Ornamental Stone Quarry Project at Makenahalli Village, Nelamangala Taluk, Bangalore Rural District (4-03 Acres) by Sri Sriharsha L - Online Proposal No.SIA/KA/MIN/235357/2021 (SEIAA 581 MIN 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Sriharsha L. No. 35, Near Telephone Exchange, Vasanatha Nagar Post, Hesaraghatta, Bangalore - 560088.

2	Name & Location of the Project	"Pink Porphyry/Ornamental Stone Quarry" of Sri Sriharsha L., Sy. No. 22, Makenahalli Village, Nelamangala Taluk, Bangalore Rural District.
3	Type of Mineral	Pink Porphyry/Ornamental Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	1.648 Ha
7	Annual production (metric ton /Cum) per annum	12110cum –Avg (40% recovery and 60% waste) out of 605 waste 98% is building stone
8	Project Cost (Rs. In Crores)	1.24 crores
9	Proved quantity of mine/quarry- Cu.m/Tons	7,73,220 Cu.m (40% recovery and 60% waste)
10	permitted quantity per annum- Cu.m/Ton	12110cum –Avg (40% recovery and 60% waste) out of 60% waste, 98% is building stone
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to Govt Primary School, Makenahalli
	2 nd	Rain water harvesting pits to GPS at Makenahalli Village
	3 rd	Cleaning out and deepening of Maidala kere
	4 th	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages
	5 th	Health camp in Govt Primary School, Makenahalli
12	EMP Budget	Rs. 48.26 lakhs (Capital Cost) & Rs. 14.80 lakhs (Recurring cost)
13	Forest NOC	24.12.2021
14	Revenue NOC	04.02.2017
15	C&I Notification	16.08.2021
16	Quarry plan	13.09.2021
17	Cluster certificate	24.08.2021

There is an existing cart track road to a length of 530 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch there are 8 other leases within 500 meter radius from the lease area, out of which the ECs for 6 leases were issued prior to 15.01.2016 and lease for one lease was granted prior to 09.09.2013. The area of the 2 leases including the subject lease is 7-15 Acres and hence the project is categorized as B2. 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 7,73,220 cu.m (40% recovery and 60% waste) as per the approved quarry plan, the committee estimated the life of the mine as co terminus with the lease period. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an average annual production of 12,110 Cu.m/annum (40% recovery and 60% waste).

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

273.22 Pink Porphyry/Ornamental Stone Quarry Project at Makenahalli Village, Nelamangala Taluk, Bangalore Rural District (2-20 Acres) by Sri Manu L - Online Proposal No.SIA/KA/MIN/235342/2021(SEIAA 582 MIN 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Manu. L, No. 35, Near Telephone Exchange, Vasanatha Nagar Post, Hesaraghatta, Bangalore-560088
2	Name & Location of the Project	"Pink Porphyry/Ornamental Stone Quarry" of Sri Manu. L, Sy. No. 19, Makenahalli Village, Nelamangala Taluk, Bangalore Rural District
3	Type of Mineral	Pink Porphyry/Ornamental Stone Quarry
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	1.011 Ha
7	Annual production (metric ton /Cum) per annum	11,424cum -Avg (40% recovery and 60% waste) out of 60% waste, 98% is building stone
8	Project Cost (Rs. In Crores)	1.07 crores
9	Proved quantity of mine/quarry- Cu.m/Tons	5,16,285Cu.m (40% recovery and 60% waste)
10	Permitted quantity per annum- Cu.m/Ton	11,424Cu.m/annum-Avg(40% recovery and 60% waste) out of 60% waste, 98% is building stone
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to Primary Health Centre, Narasipura
	2 nd	Rain water harvesting pits to Primary Health Centre, Narasipura
	3 rd	Cleaning out and deepening of Jajuru pond
	4 th	
	5 th	Health camp in Primary Health Centre, Narasipura
12	EMP Budget	Rs.35.28 lakhs (Capital Cost) & Rs. 11.60lakhs (Recurring cost)
13	Forest NOC	24.12.2021
14	Revenue NOC	04.12.2017
15	C&I Notification	Dated:10.08.2021

16	Quarry plan	30.09.2021
17	Cluster certificate	24.08.2021

There is an existing cart track road to a length of 260 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are 8 other leases within 500 meter radius from the lease area, out of which the ECs for 6 leases were issued prior to 15.01.2016 and lease for one lease was granted prior to 09.09.2013. The area of the 2 leases including the subject lease is 5-32 Acres and hence the project is categorized as B2. 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 5,16,285 Cu.m (40% recovery and 60% waste) as per the approved quarry plan, the committee estimated the life of the mine as co terminus with the lease period. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an average annual production of 11,424 Cu.m/annum (40% recovery and 60% waste).

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

273.23 Building Stone Quarry Project at Vittla Mundur Village, Bantwal Taluk, Dakshina Kannada District (1.50 Acres) by Sri P. Abdulla Kunhi - Online Proposal No.SIA/KA/MIN/250046/2022 (SEIAA 07 MIN 2022)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri. P Abdulla Kunhi S/o Sri. P Mohammad 3-3P, Puddikahi Mane Padvanur, Eshwarmangal, Puttur-574313
2	Name & Location of the Project	Building Stone Quarry in 1.50 Acres of Patta Land bearing Sy. No. 370/1P of Vittla Mundur Village, Bantwal Taluk, Dakshina Kannada District, Karnataka.
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	1.50 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	25,003 Tons/Annum (Avg.)
8	Project Cost (Rs. In Crores)	0.25 (Rs. 25 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,75,571 Tons

10	Permitted Quantity Per Annum - Cu.m / Ton	25,003Tons/Annum (Max.)
11	CER Action Plan: • Propose take up 150 No. of additional plantation on either side of the approach road from quarry location to Paisari Village Road.	
12	EMP Budget	Rs. 1.58 Lakhs (Capital Cost) & 9.00 Lakhs (Recurring cost)
13	Forest NOC	10.08.2021
14	Revenue NOC	25.02.2021
15	Notification	23.09.2021
16	Quarry plan	02.12.2021
17	Cluster certificate	02.12.2021

There is an existing cart track road to a length of 350 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG, there are 4 leases including the subject lease within the 500 meter radius from this lease area and the total area of all these leases is 11.63 Acres. Hence the project is categorized as B2. 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 3,75,571 Tons as per the approved quarry plan, the committee estimated the life of the mine as 6 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 25,003TPA.

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

273.24 Ordinary Sand Quarry Project at Nidasanur Village, Ilkal Taluk, Bagalkot District (8-16 Acres) by M/s. SUN MINERALS - Online Proposal No.SIA/KA/MIN/235782/2021(SEIAA 588 MIN 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Sun Minerals C/o Satappa A. Sheelavantara, Sheelavantara Building, Sector No. 05, Plot No. 9, Navanagara, Bagalkote - 587103.
2	Name & Location of the Project	"Ordinary Sand Quarry" over an extent 8-16 Acres (3.360 Hectares) in Patta Land at Sy. No. 6/1A, 6/1B, 6/2, 7/2, 7/3 & 7/4 of Nidasanur Village, Ilkal Taluk, Bagalkote District, Karnataka.
3	Type of Mineral	Ordinary Sand Quarry
4	New /expansion/modification /renewal	New

5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
6	Area in Ha	3.360
7	Annual production (metric ton /Cum) per annum	50,000 tons per annum for 3 years of plan period
8	Project Cost (Rs. In Crores)	1.46 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	1,58,928tons
10	Permitted quantity per annum- Cu.m/Ton	50,000 tons per annum for 3 years of plan period
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to the GLPS school at Nidasanur village
	2 nd	Conducting E-waste drive campaigns in the GLPS school at Nidasanur village
	3 rd	The proponent proposes to distribute nursery plants to the GLPS school at Nidasanur village
12	EMP Budget	Rs. 9.41 lakhs (Capital Cost) & Rs. 17.13 lakhs (Recurring cost)
13	Forest NOC	22.06.2021
14	Revenue NOC	04.08.2021
15	C&I Notification	06.01.2022
16	Quarry plan	31.08.2021
17	Cluster Certificate	08.10.2021

There is an existing cart track road to a length of 400 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG there are no other leases within the 500 meter radius from this lease area. The total area of the proposed lease is 8-16 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which 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. The lease area is at a distance of 50 mts from halla. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & Enforcement Guidelines 2020.

Considering the proved mineable reserve of 1,58,928 tonnes as per the approved quarry plan, the committee estimated the life of the mine as 4 years. The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 50,000 tons per annum for 3 years of plan period.

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




273.25 Building Stone Quarry Project at Ajjappanahalli Village, Tumkur Taluk, Tumkur District (5-20 Acres) by M/s. SRI RAMA ENTERPRISES - Online Proposal No.SIA/KA/MIN/233161/2021 (SEIAA 554 MIN 2021) – Expansion

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Sri Rama Enterprises Prop. Smt. H. R. Shashikala No. 61, DNR Layout, 1 st Main Road, Sheshadripuram, Bangalore - 560020
2	Name & Location of the Project	“Building Stone Quarry” of M/s. Sri Rama Enterprises, Prop. Smt. H. R. Shashikala Sy. No: 14, Ajjappanahalli Village, Tumkur Taluk, Tumkur District.
3	Type of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion (QL No. 667)
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	2.225 Ha
7	Annual production (metric ton /Cum) per annum	4,96,226 TPA
8	Project Cost (Rs. In Crores)	1.73crores
9	Proved quantity of mine/quarry-Cu.m/Tons	25,36,043 tonnes
10	Permitted quantity per annum- Cu.m/Ton	4,96,226 TPA
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to Anganwadi at Devarahatti Village
	2 nd	Rain water harvesting pits to Anganwadi at Devarahatti Village
	3 rd	Conducting E-waste drive campaigns in the Anganwadi at Devarahatti Village
	4 th	Cleaning out and deepening of Devarahatti pond
	5 th	Health camp in Anganwadi at Devarahatti Village
12	EMP Budget	Rs.65.00 lakhs (Capital Cost) & Rs. 19.24 lakhs (Recurring cost)
13	Forest NOC	13.10.2015-DCF and 22.03.2019 – ACS, Forest Dept
14	Revenue NOC	21.11.2007
15	Lease Grant	23.10.2019 w.e.f 05.04.2008
16	Quarry plan	12.10.2020
17	EC	13.10.2015

There is an existing cart track road to a length of 2.11KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry and the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road. The proponent has submitted the certified compliance from KSPCB to earlier EC conditions.

Since the lease was granted prior to 09.09.2013, the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which 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.

Considering the proved mineable reserve of 25,36,043 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 4,96,226 TPA (including waste).

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

25th Jan-2022
Deferred Projects

273.26 Establishment of CBMWTF Project at Plot No. 6 and Sy.No. 87/2B, 1st Phase, Tarihal Industrial Area, Hubli, Dharwad District by M/s. Basavashree Environmental Technologies-Online Proposal No.SIA/KA/NCP/61338/2020 (SEIAA 60 IND 2020)- EIA Project

The proponent submitted a letter informing that, due to unavoidable circumstances they are unable to attend the meeting and requested to consider in the next upcoming meeting. The committee after discussion decided to defer the appraisal of the project proposal.

Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.

273.27 Non-Residential Development IT/BT Projects at Sy. Nos. 9/1a, 9/1b, 9/2, 10, 11/1&3, 12/1, 12/2a, 12/2b, 42/1, 44/1, 44/2, 44/3, 45/2 of Dasarahalli Village, K R Puram Hobli, Bangalore East Taluk, Bangalore and 8/1, 8/2, 8/3, 8/4, 46/1, 47/1, 47/2a, 47/2b, 48/1, 48/2, 48/3, 48/4, 48/5, 48/6, 49, 50/1, 50/5, 50/6, 50/7, 50/8, 51/1, 51/2, 51/3, 58/1, 58/2, 59, 60/1, 60/2 & 61, 7/1, 7/2, 7/3, 50/1, 50/2, 50/3, 50/4, 50/5, 50/9, 51/1, 51/2, 52, 53, 54/1b, 56/1, 56/2, 57/1, 57/2, 57/3, 61, 62, 65/D, 63, 64/1, 64/2, 65/1a, 65/1b, 65/2, 65/3, 65/4, 66/1, 66/2, 67/1, 67/2, 67/3, 67/4, 68, 66/1, 68 of Rachenahalli Village, K R Puram Hobli, Bangalore East Taluk, Bangalore District by M/s. Manyata Realty and Manyata Infrastructure Developments Pvt. Ltd. - Online Proposal No.SIA/KA/MIS/69036/2021 (SEIAA 57 CON 2020)

The proposal is for non-residential IT/BT development in an area which is earmarked for residential high tech as per Revised Master Plan of BDA. The proponent justified that land use permissible is residential, as the road abutting to project site is more than 18 mtr wide, proposed ancillary land use is permitted as main land use as per zoning regulations and hence proposed land use is permitted. Further the proponent informed the committee that as the part of proposed project area is under sensitive zone, they had obtained sensitive zone clearance from BDA on 17/06/2020. ToR was issued by SEIAA on 07/10/2021.

The committee during appraisal sought clarification for water body and nalas present as per village map, provisions for rain water harvesting in the proposed area and provisions for bio-methanation plant. The proponent submitted clarifications and informed the committee that as per village map water body is adjacent to the project area in northern side of the project and 30 mtr of no development zone is provided as per BDA regulations and no construction activities is proposed in that area.



Proponent informed that as per Rachenahalli village survey map for the secondary nala in eastern side of the project, a buffer of 25mtr proposed from the centre of the nala and for the secondary nala in centre of proposed area as per Rachenahalli village survey map, a part (13.04 Guntas) of secondary nala in centre is rerouted to the western side of the project in Rachenahalli village as per DC Bangalore letter dated:1/01/2017 and a buffer of 25mtrs is provided on either sides from the centre of the nala and remaining part(18Guntas) of secondary nala in centre is converted it to tree park as per DC Bangalore letter dated: 28/06/2019 and the same tree park is again rerouted to western side of the site in Rachenahalli village as per DC Bangalore letter dated:05/02/2021.

For harvesting rain water, the proponent has proposed a total of 2270Cumstorage tank for runoff from roof top and for runoff from landscape and paved areas to 50nos of recharge pits 32nos of deep recharge wells is proposed within the site area. Proponent agreed to install bio-methanisation plant for the proposed project. Further proponent informed the committee that as the proposed project is adjacent to water body, proper precautionary measures will be taken during construction of basements floors.

The proponent has submitted revised tree list making provision to grow 3000 trees in the proposed project area. They further informed that they have made provision for charging electrical vehicles in 5% out of the total parking slots in the proposed project.

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 are found to be within permissible limits and the committee after discussion decided to have a site visit so as to ascertain the ground realities with respect to sensitivity of the proposed project area. Hence the committee decided to defer the proposal for site visit by the following sub-committee Chairman and Members.

Sl.No.	Name	Designation
1.	Shri B.V.Byra Reddy,	Chairman
2.	Shri B. Ramasubba Reddy,	Member
3.	Shri Mahendra Kumar M.C.,	Member
4.	Dr. Shekar H.S.,	Member
5.	Shri Dinesh M.C.,	Member
6.	Shri SharanabasavaChandrashekhar Pilli,	Member
7.	Dr. J.B. Raj,	Member
8.	Dr. SarvamangalaR. Patil,	Member
9.	Shri Devegowda Raju,	Member
10.	Shri Nanda Kishore,	Member
11.	Shri Gokul R. IFS.,	Member

Action: Member Secretary, SEAC to put up before SEAC after receipt of site visit report.

273.28 Building Stone Quarry Project at Handalakuppe Village, Kunigal Taluk, Tumkur District (5-00 Acres) (Q.L.No.635) by M/s. SPV Stone Crushers - Online Proposal No.SIA/KA/MIN/198607/2021 (SEIAA 91 MIN 2021) – Expansion

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. S P V Stone Crushers No. 54, N.T.I Layout, R.M.V, 2 nd Stage, Bhupasandra Main Road, Bangalore – 560094
2	Name & Location of the Project	“Building Stone Quarry” of M/s. S P V Stone Crushers, Sy. No.1 (P) over an extent of 5 Acres located in Handalakuppe Village, Kunigal Taluk, Tumkur District.
3	Type of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	Expansion (QL No: 635)
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	2.0235 Ha
7	Annual production (metric ton /Cum) per annum	2,04,081 TPA (including waste)
8	Project Cost (Rs. In Crores)	0.60crores
9	Proved quantity of mine/quarry-Cu.m/Tons	18,85,276 Tonnes including waste
10	permitted quantity per annum- Cu.m/Ton	2,04,081 TPA (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to the GHPS school at Handalakuppe village.
	2 nd	
	3 rd	The proponent proposes to distribute nursery plants to the GHPS school at Handalakuppe village
	4 th	Health camp to the GHPS school at Handalakuppe village
	5 th	
12	EMP Budget	Rs.61.62 lakhs (Capital Cost) & Rs. 16.52 lakhs (Recurring cost)
13	Forest NOC	2017-18
14	Revenue NOC	30.03.2017
15	Lease Grant	06.09.2007
16	Quarry plan	02.09.2020
17	EC	13.03.2018

This project was deferred during 262nd SEAC meeting for want of certified compliance to earlier EC conditions and the proponent has submitted the certified compliance to earlier EC conditions from KSPCB.

There is an existing cart track road to a length of 600 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry and the road connecting to the

crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

Since the lease was granted prior to 09.09.2013, the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which 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.

Considering the proved mineable reserve of 18,85,276 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 10 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,04,081 TPA(including waste).

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

273.29 Pink Granite Quarry Project at Ganadala Village, Hungund Taluk, Bagalkote District (2-23 Acres) (1.028 Ha) by Sri Shankarappa Shirur - Online Proposal No.SIA/KA/MIN/204276/2021(SEIAA 170 MIN 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION								
1	Name & Address of the Project Proponent	Sri. Shankarappa Shirur S/o Thukappa Guledagudda, Badami, Bagalkot,								
2	Name & Location of the Project	"Pink Granite Quarry" of Sri Shankarappa Shirur at Sy. No. 14/2A Ganadala Village, Hungund Taluk, Bagalkot District.								
3	Type of Mineral	Pink Granite Quarry in Patta Land								
4	New /expansion/modification /renewal	NEW								
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land								
6	Area in Ha	1.02 Ha								
7	Annual production (metric ton /Cum) per annum	9,115Cum (30% waste and 70% waste)								
8	Project Cost (Rs. In Crores)	1.2 Crores								
9	Proved quantity of mine/quarry-Cu.m/Tons	1,53,700cum (30% waste and 70% waste)								
10	Requested quantity per annum- Cu.m/Ton	9,115Cum (30% waste and 70% waste)								
11	<table border="1"> <tr> <td colspan="2">CER Activities</td> </tr> <tr> <td>Year</td> <td>Corporate Environmental Responsibility (CER)</td> </tr> <tr> <td>1st to 5th year</td> <td>Plantation of Banks of Nala, Watering and Maintenance ever year</td> </tr> <tr> <td></td> <td>Total</td> </tr> </table>		CER Activities		Year	Corporate Environmental Responsibility (CER)	1 st to 5 th year	Plantation of Banks of Nala, Watering and Maintenance ever year		Total
CER Activities										
Year	Corporate Environmental Responsibility (CER)									
1 st to 5 th year	Plantation of Banks of Nala, Watering and Maintenance ever year									
	Total									
12	EMP Budget	Rs.17.72 lakhs (Capital Cost) & Rs. 7.50 lakhs (Recurring cost)								
13	Forest NOC	2017-18								
14	Revenue NOC	18.12.2017								
15	C&I Notification	06.07.2020								

16	Quarry plan	28.12.2020
17	Cluster Certificate	04.03.2021

This project was deferred during 262nd SEAC meeting, since the proponent was absent.

There is an existing cart track road to a length of 700 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry and the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch prepared by the DMG there are no other leases within the 500 meter radius from this lease area. The total area of the proposed lease is 2-23 Acres and the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which 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.

Considering the proved mineable reserve of 1,53,700 cum (30% waste and 70% waste) as per the approved quarry plan, the committee estimated the life of the mine as 17 years. The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 9,115cum (30% waste and 70% waste) per annum.

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

273.30 Building Stone Quarry Project at Ajjappanahalli Village, Tumkur Taluk & District (2-20 Acres) by Sri T R Sambamurthy - Online Proposal No.SIA/KA/MIN/225041/2021 (SEIAA 391 MIN 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. T. R. Sambamurthy S/o. Sri. Ramavadhani T.S, No. 7, Lakshmi Narasimha Nilaya, Anikethana School road, Near Ragi mill, Naganapallya, Sira Gate, Tumkur - 572106
2	Name & Location of the Project	"Building Stone Quarry" of Sri T. R. Sambamurthy at Sy. No: 14, Ajjappanahalli Village, Kasaba Hobli, Tumkur Taluk & District.
3	Type of Mineral	Building Stone Quarry
4	New / Expansion / Modification / Renewal	New (Amalgamation of leases QL No. 788 & 82)
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	1.01 Ha
7	Annual production (metric ton /Cum) per annum	2,00,000 Tons per Annum for 1 st to 4 th year and 50,000 tons for the 5 th year
8	Project Cost (Rs. In Crores)	1.26 Crores
9	Proved quantity of mine/quarry-	19,73,991 tons




	Cu.m/Tons	
10	Permitted quantity per annum- Cu.m/Ton	2,10,527 Tons per Annum for 1 st to 4 th year and 52,631.5 tons for the 5 th year (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Rain water harvesting pit to Sri Anjaneya Temple at Ajjappanahalli
	2 nd	Providing solar power panels to the Women and Children welfare society at Ajjappanahalli Village
	3 rd	Plantation at Sri Anjaneya Temple at Ajjappanahalli
	4 th	Cleaning out and deepening of Devarahatti pond
	5 th	
12	EMP Budget	Rs.28.03 lakhs (Capital Cost) & Rs. 11.25lakhs (Recurring cost)
13	Forest NOC	06.05.2016 -DCF and 22.03.2019 – ACS, Forest Dept
14	Revenue NOC	18.03.2016
15	Lease Grant	28.04.2011(0-20Acres) and 08.11.2011 (2-00Acres)
16	Amalgamation Notification	29.07.2021
17	Quarry plan	03.08.2021

This project was deferred during 262nd SEAC meeting, since as per the Forest NOC dated: 06.05.2016, it is not clear about whether the project site is outside the deemed forest or inside the deemed forest. Further the proponent submitted the letter dated: 22-03-2019 from ACS, Forest Dept certifying that there is no objection from Forest Dept.

This is a proposal for issue of EC, for the two adjacent leases of the same proponent for which the amalgamation notification was issued on 29.07.2021. As per the audit report certified by DMG, the proponent has not worked after 22.06.2015 and 31.03.2015 in both the amalgamated leases.

There is an existing cart track road to a length of 540meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry and the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

Since the leases were granted prior to 09.09.2013, the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which 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.

Considering the proved mineable reserve of 19,73,991 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 10 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,10,527 Tons per Annum(including waste) for 1st to 4th year and 52,631.5 tons(including waste) for the 5th year.

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

273.31 Building Stone Quarry Project at Bahadur Bandi Village, Koppala Taluk, Koppala District (2-00 Acres) by Sri Vijay Bhaskar Reddy - Online Proposal No.SIA/KA/MIN/227021/2021 (SEIAA 453 MIN 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri S. Vijay Bhaskar Reddy S/o. S. Narashiwa Reddy, Amaravathi, 15 th Ward, D. No. 4231, Hospet.
2	Name & Location of the Project	"Building Stone Quarry" of Sri. S. Vijay Bhaskar Reddy at Sy. No. 74, Bahadur Bandi Village, Koppal Taluk, Koppal District
3	Type of Mineral	Building Stone Quarry
4	New /expansion/modification /renewal	Renewal (QL No. 308/11-12)
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	0.808 Ha
7	Annual production (metric ton /Cum) per annum	78,947 Tons per Annum
8	Project Cost (Rs. In Crores)	1.21 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	7,85,267tons
10	permitted quantity per annum- Cu.m/Ton	78,947 Tons per Annum
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to GHPS School in Bahadur Bandi Village
	2 nd	
	3 rd	Rain water harvesting at GHPS School in Bahadur Bandi Village
	4 th	
	5 th	Supply of water to local farmers to increase yield of crop and fodder
12	EMP Budget	Rs. 24.38lakhs (Capital Cost) & Rs. 10.53 lakhs (Recurring cost)
13	Forest NOC	23.03.2021
14	Revenue NOC	28.08.2018
15	Lease Grant	17.06.2011
16	Quarry plan	11.08.2021

This project was deferred during 268th SEAC meeting for want of month wise audit report for the year 2015-16 needed to ascertain the violation. The proponent submitted month wise audit report for the year 2015-16, wherein it is certified that the proponent has worked in the month of April and May 2015 during 2015-16. As per the audit report certified by DMG authorities the proponent has not carried out quarrying activity from 2015-16 to 2020-2021.

There is an existing cart track road to a length of 350meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry and the road connecting

to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

Since the lease was granted prior to 09.09.2013, the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which 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.

Considering the proved mineable reserve of 7,85,267 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 10 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 78,947 TPA (including waste).

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

273.32 Building Stone Quarry Project at Bahadur Bandi Village, Koppala Taluk, Koppala District (3-00 Acres) by Sri S Srinivasa Reddy - Online Proposal No.SIA/KA/MIN/227059/2021 (SEIAA 454 MIN 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION										
1	Name & Address of the Project Proponent	Sri S. Srinivasa Reddy S/o. S. Narashiwa Reddy, Amaravathi, 15 th Ward, D. No. 423, Hospet - 583229.										
2	Name & Location of the Project	"Building Stone Quarry" of Sri S. Srinivasa Reddy, Sy. No. 74, Bahadur Bandi Village, Koppal Taluk, Koppal District.										
3	Type of Mineral	Building Stone Quarry										
4	New /expansion/modification /renewal	Renewal (QL No. 311/11-12)										
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land										
6	Area in Ha	1.214 Ha										
7	Annual production (metric ton /Cum) per annum	1,05,263 Tons per Annum										
8	Project Cost (Rs. In Crores)	1.214 Crores										
9	Proved quantity of mine/quarry- Cu.m/Tons	14,58,156 tons										
10	permitted quantity per annum- Cu.m/Ton	1,05,263 Tons per Annum										
11	CER Action Plan:	<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td rowspan="2">Providing solar power panels to GHPS School in Bahadur Bandi Village</td> </tr> <tr> <td>2nd</td> </tr> <tr> <td>3rd</td> <td rowspan="2">Rain water harvesting pit at GHPS School in Bahadur Bandi Village</td> </tr> <tr> <td>4th</td> </tr> <tr> <td>5th</td> <td>Supply of water to local farmers to increase yield of crop and fodder</td> </tr> </tbody> </table>	Year	Corporate Environmental Responsibility (CER)	1 st	Providing solar power panels to GHPS School in Bahadur Bandi Village	2 nd	3 rd	Rain water harvesting pit at GHPS School in Bahadur Bandi Village	4 th	5 th	Supply of water to local farmers to increase yield of crop and fodder
Year	Corporate Environmental Responsibility (CER)											
1 st	Providing solar power panels to GHPS School in Bahadur Bandi Village											
2 nd												
3 rd	Rain water harvesting pit at GHPS School in Bahadur Bandi Village											
4 th												
5 th	Supply of water to local farmers to increase yield of crop and fodder											
12	EMP Budget	Rs. 34.68lakhs (Capital Cost) & Rs. 12.58 lakhs (Recurring cost)										

13	Forest NOC	23.01.2021
14	Revenue NOC	28.08.2018
15	Lease Grant	17.06.2011
16	Quarry plan	11.08.2021

This project was deferred during 268th SEAC meeting for want of month wise audit report for the year 2015-16 needed to ascertain the violation. The proponent submitted month wise audit report for the year 2015-16, wherein it is certified that the proponent has worked in the month of April and May 2015 during 2015-16. As per the audit report certified by DMG authorities the proponent has not carried out quarrying activity from 2015-16-2021.

There is an existing cart track road to a length of 480meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry and the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

Since the lease was granted prior to 09.09.2013, the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which 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.

Considering the proved mineable reserve of 14,58,156 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 14 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 1,05,263 TPA (including waste).

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

27th Jan-2022

273.33 Ordinary Sand Quarry Project at Sy. Nos. 33/1, 33/2, 31/1, 31/2, 30/2, 30/3, 30/5 of Vasan Village, Nargunda Taluk, Gadag District (9-30 Acres) by Sri Tippusultan D Nadaf - Online Proposal No.SIA/KA/MIN/228481/2021 (SEIAA 477 MIN 2021)

The committee observed that the proponent has not circulated the project detail, PPT to the members. The committee decided to defer the appraisal of the project proposal.

Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.

273.34 Building Stone Quarry Project at Sy. Nos. 28/2, 28/3, 28/4 & 28/6 of Veerakamba Village, Bantwala Taluk, Dakshina Kannada District (2-41 Acres) by Sri Pradeep M S. - Online Proposal No.SIA/KA/MIN/229041/2021 (SEIAA 484 MIN 2021)

The committee observed that the proponent has not circulated the project detail, PPT to the members. The committee decided to defer the appraisal of the project proposal.

Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.

273.35 Ordinary Sand Quarry Project at Sy. Nos. 11/1, 11/2, 11/3 of Shirol Village, Nargund Taluk, Gadag District (5-20 Acres) by Sri I V Kyamangoudar - Online Proposal No.SIA/KA/MIN/227743/2021 (SEIAA 468 MIN 2021)

The committee observed that the proponent has not circulated the project detail, PPT to the members. The committee decided to defer the appraisal of the project proposal.

Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.

273.36 Building Stone Quarry Project at Sy.No.10(P) of Nageshanahalli Village, Koppala Taluk & District (3-00 Acres) by M/s. Sainath Stone Crushers - Online Proposal No.SIA/KA/MIN/230932/2021 (SEIAA 519 MIN 2021)

The committee observed that the proponent has not circulated the project detail, PPT to the members. The committee decided to defer the appraisal of the project proposal.

Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.

273.37 Building Stone Quarry Project at Sy. No. 209/1 of Devur Village, Devara Hippagri Taluk, Vijayapura District (2-00 Acres) by Sri Shashidhar S Patil - Online Proposal No.SIA/KA/MIN/239778/2021 (SEIAA 636 MIN 2021)

The committee observed that the proponent has not circulated the project detail, PPT to the members. The committee decided to defer the appraisal of the project proposal.

Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting

273.38 Moraba Building Stone Quarry (M-Sand) Project at Sy. No. 233 of Moraba Village, Kudligi Taluk, Ballari District (15-00 Acres) by Sri MARESH M - Online Proposal No.SIA/KA/MIN/68434/2021 (SEIAA 549 MIN 2021)

This project was deferred during 270th SEAC meeting, since the committee has received a complaint from Sri Anil Kumar J.M. Advocate informing that though there is a 100 year old temple located inside the lease area which is marked on the topo sheet, surface plan & other plans have been prepared by the proponent by deleting and hiding the temple. The committee after discussion and deliberation decided to defer the appraisal of the project proposal till submission of clarification to the above said complaint.

The committee had received a complaint from Mr. Sanjaykumar, on the same issue of temple being situated within the lease area. The proponent submitted replies to the complaint along with the Joint Survey Report and informed that as per the Joint survey report there is no temple within the project site as per the revenue records. The committee after discussion decided to continue with the appraisal.

This is a new proposal for quarrying of building stone in Govt. land. The proponent has obtained Forest and Revenue NOC. The lease was notified on 30.07.2021. As the lease area is 15-00 Acres, the project is categorized as B1.

The committee decided to recommend the proposal to SEIAA for issue of standard TOR and following additional TOR to conduct EIA studies along with public hearing.



1. The distance from the project site and Gudekote extended Sloth Bear Sanctuary certified by PCCF(Wildlife) should be submitted.
2. Cumulative pollution load taking into account of cluster should be submitted.
3. Waste handling details should be submitted.
4. Strengthening of the approach road & road connecting to the crusher as per IRC (Indian Road Congress) standard norms.

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

Referred Back from SEIAA

273.39 Building Stone Quarry Project at Sy.No.226 of Mugalihal Village, Savadatti Taluk, Belagavi District (3-19 Acres) by M/s. Sri Vijaya Minerals - Online Proposal No.SIA/KA/MIN/192784/2021(SEIAA 27 MIN 2021)

The proponent remained absent and hence the committee decided to defer the appraisal of the project proposal.

Action: Member Secretary, SEAC to put up before SEAC in the upcoming SEAC meeting.

273.40 Building Stone Quarry Project at Sy.No.133/1 of Hallada Gennur Village, Kolhar Taluk, Vijayapura District (8-32 Acres) by Sri Hassandongri M. Girgavi - Online Proposal No.SIA/KA/MIN/199239/2021 (SEIAA 104 MIN 2021)

The SEAC recommended the proposal for issue of EC during its 268th SEAC meeting. The Authority perused the details also found that as per the Google image the proposed project area falls in the back waters of Krishna River. Therefore, the Authority decided to refer the file back to SEAC for reappraisal.

The committee questioned the consultant who was present online at the meeting to provide reason for uploading KML files on Parivesh Portal, which doesn't pertain to the project area. However, the consultant could not provide satisfactory explanation.

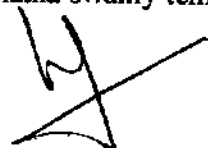
The committee opined that, the system of verifying the authenticity of co-ordinates which was in vogue in the previous committee may be continued. Expert in the field may be out sourced and may be asked to verify the correctness of the co-ordinates related to projects before placing before the Committee.

The committee after discussion decided to defer the appraisal and decided that, the consultant should be show caused as to why he should not be blacklisted for having misled the committee by uploading KML files which doesn't pertain to the project area. The committee requested the Member Secretary, SEAC to obtain explanation from the consultant.

Action: Member Secretary, SEAC to put up before SEAC after submission of the reply to the notice.

273.41 Building Stone Quarry Project at Sy. No. 11/P2 of Nagadiyath Kaval Village, Kadur Taluk, Chikkamagaluru District (6-00 Acres) by Sri Shashidhar PS - Online Proposal No.SIA/KA/MIN/227182/2021 (SEIAA 457 MIN 2021)

The SEAC was recommended the proposal for issue of EC during 269th SEAC meeting. The Authority perused the proposal and take note of the recommendation of SEAC. The Authority verified the google images and as per the google map Sri Ranganatha swamy temple is adjacent



to the quarry site and which is at a distance of 110 meter. As per the KMMCR, if blasting is proposed there should not be any public structures within 200meter from the quarry site. Therefore, the Authority decided to refer the file back to SEAC for reappraisal.

The proponent submitted replies and informed that there are no public structures within the stipulated distance of 200meters as per Form-S and Revenue NOC.

The committee informed the proponent to submit the nearest distance from the project site to the temple with google earth images, ownership of the land wherein the temple situated and other relevant documents.

Committee decided to defer the appraisal of the project proposal, until proper clarification is submitted for the above observations.

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

273.42 Building Stone Quarry Project at Sy. Nos. 151/1 & 147 of Kottalavadi Village, Chamarajanagara Taluk & District (3-10 Acres) by Sri H Ramakrishna - Online Proposal No.SIA/KA/MIN/229786/2021 (SEIAA 503 MIN 2021)

The SEAC was recommended the proposal for issue of EC during 269th SEAC meeting.

The Authority perused the proposal and took note of the recommendation of SEAC. The Authority have verified the documents and it was observed that file No. SEIAA 52 MIN 2021 (2-20 Acres) which was already recommended during the 198th SEIAA meeting held on 2nd July 2021 and pending for issue of EC (C&I Notification pending).

Therefore, the extent of all these leases within 500meter is more than 5.00 Ha i.e 14-33 Acres. Hence file must be considered or reappraised as B1 category. The Authority therefore decided to refer the file back to SEAC for reappraisal in the light of the above observation and sending recommendation deemed fit based on merit.

The committee after thorough discussion of the observation made by the authority, decided to reject the proposal and informed the proponent to apply under B1 category.

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

273.43 Building Stone Quarry Project at Sy. No.76/*/2 of Dhorjambaga Village, Kamalapur Taluk, Kalaburagi District (3-00 Acres) by Sri Md Azharuddin - Online Proposal No.SIA/KA/MIN/231239/2021 (SEIAA 526 MIN 2021)

The Authority perused the proposal and took note of the recommendation of SEAC. The Authority verified the documents and google images. There are many quarries adjacent to the proposed project site as per the google images, which is not shown in the cluster details. The Authority therefore decided to refer the file back to SEAC for reappraisal in the light of the above observation and sending recommendation deemed fit based on merit.

The proponent informed that as per the approved cluster sketch there are no existing leases within 500meter radius from the lease area and there are two illegally opened up areas by the local peoples for their personal use.

The committee observed that as per KML uploaded in parivesh portal is different co-ordinates compared to lease sketch. The committee also informed the proponent to submit the recent cluster sketch.



The committee questioned the consultant who was present online at the meeting to provide reason for uploading KML files on Parivesh Portal, which doesn't pertain to the project area. However, the consultant could not provide satisfactory explanation.

The committee after discussion decided to defer the appraisal and decided that, the consultant should be show caused as to why he should not be blacklisted for having misled the committee by uploading KML files which doesn't pertain to the project area. The committee requested the Member Secretary, SEAC to obtain explanation from the consultant.

Action: Member Secretary, SEAC to put up before SEAC after submission of the reply to the notice.

273.44 Building Stone Quarry Project at Hangarahalli Village, Kunigal Taluk, Tumkur District (2-00 Acres) (Q.L.No.825) by Sri K.S.Balaram - Online Proposal No.SIA/KA/MIN/198855/2021 (SEIAA 139 MIN 2021) - Expansion

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri K S BalaramS/o. Sri KA Seshappa Chowdeswari Temple Road, Kunigal Taluk, Tumkur District,
2	Name & Location of the Project	"Building Stone Quarry" of Sri K S Balaram, Sy. No. 46 (P) over an extent of 2 Acres located in Hangarahalli Village, Kunigal Taluk, Tumkur District
3	Type of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	Expansion (QL No: 825)
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
6	Area in Ha	0.809 Ha
7	Annual production (metric ton /Cum) per annum	70,000 TPA of Building Stone
8	Project Cost (Rs. In Crores)	0.30crores
9	Proved quantity of mine/quarry- Cu.m/Tons	5,87,782Tonnes including waste
10	permitted quantity per annum- Cu.m/Ton	71,428TPA (including waste)
11	CER Action Plan:	
	Year	Corporate Environmental Responsibility (CER)
	1 st	Rain water harvesting pits to GHPS at Hangarahalli Village
	2 nd	
	3 rd	Providing solar power panels at GHPS at Hangarahalli Village
	4 th	
	5 th	Health camp in GHPS at Hangarahalli Village
12	EMP Budget	Rs.38.81 lakhs (Capital Cost) & Rs. 10.28 lakhs (Recurring cost)
13	Forest NOC	11.06.2013
14	Lease Grant	06.09.2007
15	EC	30.08.2014
16	Quarry Plan	16.09.2019

It was decided to write a letter to KSPCB during 263rd SEAC meeting to provide certified compliance to earlier EC conditions and now the proponent has submitted the certified compliance to earlier EC conditions from KSPCB.

There is an existing cart track road to a length of 340 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry and the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

Since the lease was granted prior to 09.09.2013, the project is categorized as B2. The proponent has collected baseline data of air, water, soil and noise which 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.

Considering the proved mineable reserve of 5,87,782 tons (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 9 years. The committee decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 71,428 TPA (including waste).

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

273.45 Establishment of 120 KLPD Grain Based Distillery Plant and captive power plant 2.5 MW Project at Sy. Nos. 45/1A/1, 45/1A/2, 49/4, 49/5 of Badagandi Village, Bilagi Taluk, Bagalkot District by M/s. NSP DISTILLERY PVT. LTD. - Online Proposal No.SIA/KA/IND2/67095/2021 (SEIAA 56 IND 2021)

The SEAC was recommended for closure of the proposal during 271st SEAC meeting, since the original application was submitted for obtaining Environmental Clearance for 120 KLPD grain based distillery and 2.5 MW captive power plant. However during the presentation the proponent informed that they propose for 60 KLPD distillery only.

The project Proponent vide letter dated 31.12.2021 have requested not to close the application and provide one more opportunity to resubmit by raising ADS in PARIVESH Portal. The Authority therefore decided to refer the file back to SEAC to provide one more opportunity for appraisal in accordance with the Law.

The proponent now submitted the proposal for 60KLPD distillery unit. The committee after discussion decided to defer the proposal for site visit to know the sensitivity of the site, with the following sub-committee Chairman and Members.

Sl.No.	Name	Designation
1.	Dr. J.B. Raj,	Chairman
2.	Shri B V Byrareddy	Member
3.	Shri Mahendra Kumar M.C.,	Member
4.	Dr. Shekar H.S.,	Member
5.	Shri Dinesh M.C.,	Member
6.	Dr. SarvamangalaR. Patil,	Member
7.	Shri Devegowda Raju,	Member
8.	Shri Nanda Kishore,	Member
9.	Shri Gokul R. IFS.	Member

Action: Member Secretary, SEAC to put up before SEAC until receipt of site visit compliance.

273.46 Black Granite Quarry Project at Terakanambi Village, Gundlupete Taluk, Chamarajanagara District (5-18 Acres) (2.205 Ha) by Sri M. Nanjundaswamy - Online Proposal No. SIA/KA/MIN/213997/2021 (SEIAA 228 MIN 2021)

About the Project

Sl.No.	Particulars	Information												
1.	Name of the project proponent	Sri. M. Nanjundaswamy S/o. Late Sri. N. Madappa,# 23/470, 5 th Cross, Govt. School, Kolipalya, Bramaramba Badavane, Chamarajnagar District, Karnataka State.												
2.	Name & Location of the project	Black Granite Quarry in 5-18 Acres of Patta Land bearing Sy. No's. 809 & 280 of Terakanambi Village, Gundlupete Taluk, Chamarajnagar District, Karnataka State.												
3.	Type of mineral	Black Granite												
4.	New/ expansion /modification /renewal	Existing & Non-operating Quarry												
5.	Type of land-Forest/ Revenue/ Gomal/ Private/Patta/others	Patta Land												
6.	Area in Ha /Acres	5-18 Acres												
7.	Annual production (metric ton /Cum) per annum	7,360 Cum (recovery 35% and 65% waste)												
8.	Project cost -in crores	0.60 (Rs. 60 Lakhs)												
9.	Proved quantity of mine/quarry-Cu.m/Tons	58,200 Cum (recovery 35% and 65% waste)												
10.	Permitted quantity per annum-Cum/Ton	7,360 Cum (recovery 35% and 65% waste)												
11.	CER:-	<table border="1"> <thead> <tr> <th>Sl.No.</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Health Camps in the Nearby Community Places</td> </tr> <tr> <td>02</td> <td>Rain water harvesting pits to GHPS Terakanambi Village</td> </tr> <tr> <td>03</td> <td>Avenue plantations either side of the approach road nearby Quarry Site.</td> </tr> <tr> <td>04</td> <td>The project proponent proposes to distribute Nursery Plants at Terakanambi & Strengthening of approach Road.</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> </tr> </tbody> </table>	Sl.No.	Corporate Environmental Responsibility (CER)	01	Health Camps in the Nearby Community Places	02	Rain water harvesting pits to GHPS Terakanambi Village	03	Avenue plantations either side of the approach road nearby Quarry Site.	04	The project proponent proposes to distribute Nursery Plants at Terakanambi & Strengthening of approach Road.	Total	
Sl.No.	Corporate Environmental Responsibility (CER)													
01	Health Camps in the Nearby Community Places													
02	Rain water harvesting pits to GHPS Terakanambi Village													
03	Avenue plantations either side of the approach road nearby Quarry Site.													
04	The project proponent proposes to distribute Nursery Plants at Terakanambi & Strengthening of approach Road.													
Total														
12.	EMP Budget	Rs. 2.97 lakhs (Capital Cost) & Rs. 18.80 lakhs (Recurring cost) for 5 years												
13.	Forest NOC	14.08.2020												
14.	Revenue NOC	24.02.2021												
15.	District Task Force	18.03.2021												
16.	Quarry Plan	07.04.2021												
17.	Cluster certificate	25.08.2021												

This project was deferred during 271st SEAC meeting. The proponent informed that he was operating the quarry based on the working permission issued by DMG authorities. As per the audit report certified by DMG authorities, the proponent has carried out quarrying activity from 1998-99 to 2007-08 and further no quarrying activity has been carried out till date. The proposal was approved in District task force meeting held on 18.03.2021. Chairman was of the opinion, EC is a prerequisite and one of the document needed to facilitate grant of lease. Mere grant of EC will not entitle the proponent to commence mining operations. Besides proving of

proprietorship/owner ship of patta land by the proponent, documents needed to carry out field studies and directives if any by MoEF&CC to be complied before grant of EC. Dept. of Mines & Geology, will comply with relevant rules under Karnataka Minor Mineral Concession rules 1994 and will do due diligence by having NOC's from Forest, Revenue, Conversion Order(NA) before grant of lease.

The committee after thorough discussion and deliberation decided that since the Government has delegated the powers to approve the Quarry plan of specified minerals to Deputy Director/Senior Geologist, Mines and Geology Department under Rule 2(a-1)(ii) of KMMCR, 1994 vide Order dated 10.02.2016, which is a mandatory document for issue of EC, the pre-requisite of a C&I Notification may not be mandatory for patta lands. However, it was decided that to understand the sensitivity of the project site whether the proposals comply with the sitting guidelines, the NOCs such as Forest, Revenue, and documents related to Conversion Order (NA) are required for appraisal. In this background, the instant proposal was appraised.

There is an existing cart track road to a length of 1.4KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch prepared by the DMG, there are 3 leases including the subject lease within the 500 meter radius from this lease area and the total area of all these leases is 11-38 Acres. Hence the project is categorized as B2. 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 58,200Cum (recovery 35% and 65% waste) as per the approved quarry plan, the committee estimated the life of the mine as 11 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual average production of 7,360 Cum (recovery 35% and 65% waste).

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

273.47 Black Granite Quarry Project at Terakanambi Village, Gundlupete Taluk, Chamarajanagara District (0-24 Acres) by Sri S. Umesh Kumar - Online Proposal No. SIA/KA/MIN/214004/2021 (SEIAA 230 MIN 2021)

About the Project

Sl.No	Particulars	Information
1	Name & Address of the Project Proponent	S. Umesh Kumar S/o. Late. H.P. Shanthappa, # 88, Nanjudeshwara Nilaya, New KHB Colony, Near Citizen School, Ooty Road, Nanjanagud, Mysuru - 571 301
2	Name & Location of the Project	Black Granite Quarry in 0-24 Acres of Patta Land bearing Sy. No. 244/3, Terakanambi Village, Gundlupete Taluk & Chamarajanagar District
3	Type of Mineral	Black Granite
4	New /renewal /expansion/modification	New Quarry
5	Type of Land Forest, Government	Patta land

	Revenue, Gomal, Private/ Patta, Other]	
6	Area in Ha	0-24 Acres
7	Annual production (metric ton /Cum) per annum	1,360 Cum (recovery 35% and 65% waste)
8	Project Cost (Rs. In Crores)	0.20 Crores (Rs. 20 Lakhs)
9	Proved quantity of mine/quarry-Cu.m/Tons	7,600 cum (recovery 30% and 70% waste)
10	Permitted quantity per annum-Cu.m/Ton	1,360 Cum (recovery 30% and 70% waste)
11	<u>Corporate Environment Responsibility (CER):-</u> Propose to provide Health Camps in the Nearby Community Places i.e, Terakanambi Village.	
12	EMP Budget	Rs.1.27 lakhs (Capital Cost) & Rs. 9.45 lakhs (Recurring cost) for 5 years
13	Forest NOC	14.08.2020
14	Revenue NOC	23.02.2021
15	District Task Force	18.03.2021
16	Cluster Certificate	17.04.2021
17	Quarry plan	07.04.2021

This project was deferred during 271st SEAC meeting. The proposal was approved in district task force meeting held on 18.03.2021.

There is an existing cart track road to a length of 1.5KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch there are 2 other leases within 500 meter radius from the lease area, out of which EC for one lease was granted prior to 15.01.2016. The area of the 2 leases including the subject lease is 9-04Acres and hence the project is categorized as B2. 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 7,600 cum (recovery 30% and 70% waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 1,360 Cum (recovery 30% and 70% waste).

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

273.48 Ornamental Stone (Black Granite) Quarry Project at Maralebekuppe Village, Uyyamballi Hobli, Kanakapura Taluk, Ramanagara District (1-10 Acres) by Sri Amanulla Khan - Online Proposal No. SIA/KA/MIN/215980/2021 (SEIAA 357 MIN 2021)

About the Project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri. Amanulla Khan No. 29, Flat No. 101, Star Mansion Green Orchid Layout, S.R.K Garden, BHEL Layout, Bangalore -560041

2	Name & Location of the Project	Black Granite Quarry in 1-10 Acres of Patta Land bearing Sy. 724 of Maralebekuppe Village of Kanakapura Taluk & Ramanagara District Karnataka.
3	Type Of Mineral	Black Granite
4	New / Expansion / Modification / Renewal	Previously Operated from 2002 to 2011
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land
6	Area in Ha	1-10 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	7,200 Cum (recovery 35% and 65% waste).
8	Project Cost (Rs. In Crores)	0.20 (Rs. 20 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,44,000 Cum (recovery 35% and 65% waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	7,200 Cum (recovery 35% and 65% waste).
11	CER Action Plan: • Propose to take up 100 No. of additional plantations on either side of the approach road from quarry location to Main road	
12	EMP Budget- Rs. 1.28 Lakhs (Capital Cost) & 8.90 Lakhs (Recurring cost)	
13	Forest NOC-16.02.2018	
14	Revenue NOC-16.08.2001	
15	Cluster Certificate-25.03.2021	
16	Quarry plan-25.03.2021	

This project was deferred during 271st SEAC meeting. The proponent informed that he was operating the quarry based on the working permission issued by DMG authorities. As per the audit report certified by DMG authorities the proponent was carried out quarrying activity from 2001-02 to 2011-12 and no quarrying activity has been carried out till 2020-21. The proposal was approved in district task force meeting held on 18.03.2021.

There is an existing cart track road to a length of 1.4KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch prepared by the DMG, there are 2 leases including the subject lease within the 500 meter radius from this lease area and the total area of all these leases is 4-10 Acres. Hence the project is categorized as B2. 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 1,44,000 Cum (recovery 35% and 65% waste) as per the approved quarry plan, the committee estimated the life of the mine as 20 years and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 7,200 Cum (recovery 35% and 65% waste).

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

273.49 Building Stone Quarry Project at Umatara Village, Ramadurga Taluk, Belagavi District (9-20 Acres) by Sri Vinod Kumar - Online Proposal No. SIA/KA/MIN/228575/2021(SEIAA 483 MIN 2021)

About the Project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Vinod Kumar Poddar S/o. Pruthviraj Poddar, "Krishna" Padmavati colony, Near Police station Mudhol, Mudhol Taluk, Bagalkot District -587313
2	Name & Location of the Project	Umatara Building Stone Quarry of Sri Vinod Kumar, Sy. No.227/2p, of Umatara Village, Ramadurga, Belagavi District
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land(NA Converted)
6	Area in Ha	9-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	59,998 Tonnes/Annum
8	Project Cost (Rs. In Crores)	0.55 (Rs. 550 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	18,97,747 Tonnes
10	Permitted Quantity Per Annum - Cu.m / Ton	59,998 Tonnes/Annum
11	CER Action Plan: • Propose to provide Teaching aids/sports for Govt. School	
12	EMP Budget	Rs. 5 Lakhs (Capital Cost) & 6.25 Lakhs (Recurring cost)
13	Forest NOC	28.02.2019
14	Revenue NOC	08.04.2018
15	Notification	11.12.2020
16	Quarry Plan	17.02.2021
17	Cluster certificate	07.02.2021

This project was deferred during 272nd SEAC meeting, since the proponent has not circulated the project details, PPT to the members.

There is an existing cart track road to a length of 1KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within 500-meter radius from this lease area and the area of the subject lease is 9-20 Acres and hence the project is categorized as B2. The Proponent will collect 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.




Considering the proved mineable reserve of 18,97,747 tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as co terminus with the lease period and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 59,998 Tonnes /Annum.

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

273.50 Building Stone Quarry Project at Udapudi Village, Ramadurga Taluk, Belagavi District (9-02 Acres) by Sri Veerendra R Mathad - Online Proposal No. SIA/KA/MIN/229124/2021 (SEIAA 492 MIN 2021)

About the Project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Sri Veerendra R. Mathad Managing Partner, M/s. R. K Stone Crusher Near Gyneshwar Math, P.O. Lokapur, Mudhol Taluk, Bagalkot District,
2	Name & Location of the Project	Building Stone Quarry of M/s. R. K. Stone Crusher, Sy. Nos. 14 & 2/2, Udapudi Village, Ramadurga Taluk, Belgavai Dist.
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land(NA Converted)
6	Area in Ha	9 acres 02 guntas
7	Annual Production (Metric Ton / Cum) Per Annum	60,000 Tonnes/Annum-Avg
8	Project Cost (Rs. In Crores)	0.50 (Rs. 50 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	13,17,884tons
10	Permitted Quantity Per Annum - Cu.m / Ton	60,000 Tonnes/Annum-Avg
11	CER Action Plan: • Propose to provide Scholarship for the Girls passing out of 7 th /10 th Standard from Govt. HSS Schools, (in consultation with the local village Panchayath /Local Bodies).	
12	EMP Budget	Rs. 2 Lakhs (Capital Cost) & 6.25 Lakhs (Recurring cost)
13	Forest NOC	27.07.2020
14	Revenue NOC	23.07.2020
15	Notification	03.03.2021
16	Quarry Plan	23.07.2021
17	Cluster certificate	23.07.2021

This project was deferred during 272nd SEAC meeting, since the proponent has not circulated the project details, PPT to the members.

There is an existing cart track road to a length of 1.30KM connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the

crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the Cluster sketch there are 2 other leases within 500 meter radius from the lease area and area of the 2 leases including the subject lease is 12-02Acres and hence the project is categorized as B2. The Proponent will collect 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.

Considering the proved mineable reserve of 13,17,884 tons as per the approved quarry plan, the committee estimated the life of the mine as co terminus with the lease period and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 60,000 Tonnes/Annum.

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

273.51 Dolomite Quarry Project at Kanasageri Village, Lokapur Taluk, Bagalkot District (11-11 Acres) by Sri Suresh R Mathad - Online Proposal No. SIA/KA/MIN/229210/2021 (SEIAA 493 MIN 2021)

About the project:

Sl.No	PARTICULARS	INFORMATION
1	Name & Address of the Projects Proponent	Kanasageri Dolomite Quarry of Shri Suresh R Mathad, Lokapur, Bagalkot District
2	Name & Location of the Project	Kanasageri Dolomite Quarry of Shri Suresh R Mathad, Sy. Nos. 73/1,73/5 & 73/6, Kanasageri Village, Mudhola Taluk, Bagalkot Dist.
3	Type Of Mineral	Building Stone
4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta Land(NA Converted)
6	Area in Ha	4.50 Ha
7	Annual Production (Metric Ton / Cum) Per Annum	60,000 Tonnes/Annum
8	Project Cost (Rs. In Crores)	0.60 (Rs. 60 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	15,23,745Tons
10	Permitted Quantity Per Annum - Cu.m / Ton	60,000 Tonnes/Annum
11	CER Action Plan: • Propose to teaching aids/sports for Govt School,	
12	EMP Budget	Rs. 2 Lakhs (Capital Cost) & 1.6 Lakhs (Recurring cost)
13	Forest NOC	07.04.2017
14	Revenue NOC	26.04.2017
15	Notification	14.01.2020
16	Quarry Plan	24.02.2021
17	Cluster certificate	26.08.2021

This project was deferred during 272nd SEAC meeting, since the proponent has not circulated the project details, PPT to the members.

There is an existing cart track road to a length of 500meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry & the road connecting to the crusher as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

As per the cluster sketch there are no other leases within500-meter radius from this lease area and the area of the subject lease is 11-11Acres and hence the project is categorized as B2. The Proponent will collect 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.

Considering the proved mineable reserve of 15,23,745Tons tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as co terminus with the lease period and decided to recommend the proposal to SEIAA for issue of Environment Clearance for annual production of 60,000 Tonnes /Annum.

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

273.52 Residential Apartment Project at Kasavanahalli Village, Varthur Hobli, Bangalore East Taluk, Bangalore Bangalore District by M/s. Bren Corporation - Online Proposal No. SIA/KA/MIS/231433/2021 (SEIAA 117 CON 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Amit Vernekar - Commercial Head
2	Name & Location of the Project	M/s. Bren Corporation, No. 61, Bren Balavana, 3 rd floor, 5 th A' Block, Koramangala, Bengaluru - 95
3	Type of Development	Construction of Residential Building At Sy. Nos. 32, 33/2, 33/3 (Old Survey No. 33/ 2) 35/1, 46/2(P), 46/3(P) (Old Survey No. 46), Kasavanahalli Village, Varthur Hobli, Bangalore East Taluk, Bangalore
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Building Category 8(a), Building & Construction project as per the EIA notification 2006
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Secondary nala in south west, primary nalas in south eastern side.

6	Plot Area (Sqm)	26,886.10 sq. m
7	Built Up area (Sqm)	78,862.41Sq m
8	FAR <ul style="list-style-type: none"> • Permissible • Proposed 	2.25 2.00
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	1 Block: Basement + Stilt + 19 UF + Terrace Club House : Ground + 5 UF + Terrace
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	305 units
11	Height Clearance	NOC from HAL not submitted
12	Project Cost (Rs. In Crores)	Rs. 100 Cr.
13	Disposal of Demolition waster and or Excavated earth	No demolition activites. Excavated Earth: Quantity of Earth Work Excavation : 18,366.78 cum Backfilling with available earth : 4,591.69 cum Top soil requirement for landscape development on natural earth: 4,432.90 cum Earth used for formation of internal roads : 5,786.95 cum Excess to be used within the site: 3,555.24 cum
14	Details of Land Use (Sqm)	
	a.	Ground Coverage Area 3061.13 Sq. m
	b.	Kharab Land 1,626.81(Excluded from total plot area)
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 8865.81 Sq. m
	d.	Internal Roads 11,573.91 Sq. m
	e.	Paved area
	f.	Others Specify - CA 3,365.20 sq. m
	g.	Parks and Open space in case of Residential Township/ Area Development Projects
	h.	Total 26,866.10 sq. m(Excluding Kharab area)
15	WATER	
	I.	Construction Phase
	a.	Source of water Treated Sewage
	b.	Quantity of water for Construction in KLD 20 KLD
	c.	Quantity of water for Domestic Purpose in KLD 5 KLD
	d.	Waste water generation in KLD 4 KLD

e.	Treatment facility proposed and scheme of disposal of treated water	Proposed to dispose the domestic sewage to mobile STP located within the site premises	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	158 KLD
		Recycled	69 KLD
		Total	227 KLD
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	204 KLD	
d.	STP capacity	250 KLD	
e.	Technology employed for Treatment	SBR	
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	50 cum	
b.	No's of Ground water recharge pits	15 No's	
17	Storm water management plan	The storm water produced within the site to be directed to recharge pits provided around the periphery of the site.	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	788kgs/day, disposed as per norms	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	305 kgs/day of organic waste will be treated in Organic convertor	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	458 kgs/day of inorganic waste will be given to authorized vendors	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Quantity generated to be handed over to PCB authorized recyclers	
d.	Quantity of E waste generation and mode of Disposal as per norms	Quantity generated to be handed over to PCB authorized recyclers	
19	POWER		
a.	Total Power Requirement -Operational Phase	The power requirement is about 1952 KVA	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 No's of capacity 750 KVA.	
c.	Details of Fuel used for DG Set	HSD	
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings about 20%	
20	PARKING		
a.	Parking Requirement as per norms	404 nos of ECS	
b.	Level of Service (LOS) of the connecting Roads as per the Traffic	B	

	Study Report	
c.	Internal Road width (RoW)	Haralur road is having 12 m RoW Sarjapur road is having 24 mtrs
21	CER Activities	Rejuvenation of nearby lakes and to provide Drinking Water facility/Improving sanitary or drainage works in Government School of Kasavanahalli Village
22	EMP Budget <ul style="list-style-type: none"> • Construction phase • Operation Phase 	Construction phase: Capital cost Rs: 14.08Lakhs Operation phase: Capital cost Rs: 33.90Lakhs

The proposal was considered in 269th SEAC meeting, Committee had deferred the proposal as the proponent had submitted a conceptual plan without incorporating nalas with buffers as per village map. Presently the proponent had submitted an order copy for rerouting of nala by Deputy Commissioner, Bangalore dated:19/11/2021 and informed the committee that as per the orders, total extent of 16.08Guntas of nala kharab has been rerouted within their project area. It was further informed that the land is earmarked for residential use as per RMP of BDA and they had obtained sensitive zone clearance from BDA on 19/02/2013 for the proposed project.

The committee during appraisal sought clarifications for nalas as per village map, valley as per RMP of BDA, provision made for harvesting rain water in the proposed area, details of existing buildings/construction, permission for proposed height of the building. The proponent submitted clarification and informed the committee that for the rerouted tertiary nalas a buffer of 15 mtrs from center on either sides is provided and for the secondary nala in southern side a buffer of 25mtrs from center is provided and in the valley zone a buffer of 50mtrs is reserved for parks and open spaces, where no construction activities is proposed. For harvesting runoff rain water from roof top, storage tanks of capacity 50cum and for runoff from hardscape/paved areas are used to recharge the ground water with 15nos of recharge pits have been proposed within the project area. Regarding existing buildings the proponent informed the committee that existing buildings are temporary labour sheds which are to be dismantled. As the proposed area falls under HAL airport limits, proponent informed the committee that they are awaiting NOC form HAL for height clearance for the proposed height of the building.

The proponent further informed the committee that they have made provisions to grow 335 trees 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 committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per RMP of BDA and informed the proponent to harvest maximum rainwater in the proposed project area. The committee after discussion decided to defer the proposal until proper clarification is submitted for existing buildings/constructions and details of demolition debris management as per C&D Waste Management Rules 2016 and NOC from HAL for proposed height of the building.

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

273.53 Development of Residential Towers with Civic Amenities Project at (Hardware park Housing Sector) Hitech, Defense & Aerospace Park, KIADB Bagalur Village, Jala Hobli Bengaluru (North) Yelahanka Taluk, Bengaluru District by M/s. MAX GLOBAL DEVELOPERS- Online Proposal No.SIA/KA/MIS/239334/2021 (SEIAA 135 CON 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Name: Mr. R S Vinaykumar Reddy (Chief – Finance & Accounts) Address: M/s. MAX GLOBAL DEVELOPERS #444, Grand, 3 rd Floor, 16 th Cross, 5 th Main, HSR Layout, Sector-6, Bangalore: 560 102
2	Name & Location of the Project	Name: Development of Residential Towers with Civic amenities Location: Plot No. R-9-C (Hardware park Housing Sector) Hitech Defense & Aerospace Park, KIADB, Bagalur Village, Jala Hobli Bangalore North Yelahanka Taluk, Bengaluru District, Karnataka
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartments 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
5	Water Bodies/ Nalas in the vicinity of project site	NIL
6	Plot Area (Sqm)	9,107.70Sqm
7	Built Up area (Sqm)	51,198.21Sqm
8	FAR • Permissible • Proposed	3.25 3.25
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Residential blocks : 2B+Stilt+19UF+T Club house: G+1F
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	Not applicable
11	Height Clearance	NOC obtained from AAI Dated: 18/10/2021
12	Project Cost (Rs. In Crores)	Rs. 122.22 Cr.
13	Disposal of Demolition waster and or Excavated earth	No demolition. Total Excavated earth : 42,550 Cu.m

Sl. No	PARTICULARS	INFORMATION
		For levelling and landscaping: 37,742 Cu.m To prepare compressed earth blocks: 4,808 Cu.m, which to be reutilized for paving within the Site.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	2,312.45 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	3,006.00 Sq.mt
d.	Internal Roads	
e.	Paved area	2,829.25 Sq.mt
f.	Others Specify	Surface Parking: 960 Sq.mt
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	9,107.70 Sq.mt
15	WATER	
I.	Construction Phase	
a.	Source of water	Local treated Water Tankers
b.	Quantity of water for Construction in KLD	36KLD
c.	Quantity of water for Domestic Purpose in KLD	14KLD
d.	Waste water generation in KLD	11KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP to be installed at site
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 154KLD Recycled 100KLD Total 254KLD
b.	Source of water	Bagalur Village Panchayat Supply
c.	Waste water generation in KLD	195KLD
d.	STP capacity	200 KLD
e.	Technology employed for Treatment	Biological Nutrient Removal (BNR) Technology
f.	Scheme of disposal of excess treated water if any	89 KLD, excess treated water to be disposed of in sewer line of KIADB, which is connected to the site
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	120 Cu.m
b.	No's of Ground water recharge pits	5 No. of Structures
17	Storm water management plan	Storm water collection tank of capacity 40 cum, and excess water used of ground water recharge through recharge pits.
18	WASTE MANAGEMENT	

Sl. No	PARTICULARS	INFORMATION
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	30 kg/day, to be sent to MSW site. <ul style="list-style-type: none"> Construction and Demolition waste - will be segregated and reused on site for leveling. Proper facility for storage of construction wastes will be made at Project site. Plastic waste: to be sold to recyclers.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	6 Kg/day, to be composted in an Organic Waste Converter (OWC) and to be used as manure at the Project site
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	5 Kg/day, to be sold to recyclers. Non-biodegradable to be sent to Common Solid Waste Management Facility.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used oil from the DG sumps (occasional) to be sold to registered waste oil recyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	Negligible. E waste to be stored at a designated place and sold to registered recyclers.
19	POWER	
a.	Total Power Requirement - Operational Phase	848 KW from BESCO
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3 DG sets of 500 KVA each
c.	Details of Fuel used for DG Set	HSD – 300 l/hr
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	Total Energy savings of 21.20%
20	PARKING	
a.	Parking Requirement as per norms	339ECS
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	A
c.	Internal Road width (RoW)	8.0 mtr
21	CER Activities	<ul style="list-style-type: none"> Avenue plantation in front of the project site for 1 km Providing Rain water harvesting structure 2 Nos. near Bagalur Colony Providing and construction of box type RCC drain with slab in Bagalur Colony Providing & construction of laboratory for Government School, Bagalur Providing drinking water facilities for Bagalur Colony Providing Sanitation facilities for Bagalur

Sl. No	PARTICULARS	INFORMATION
		Colony
22	EMP Budget <ul style="list-style-type: none"> • Construction phase • Operation Phase 	Construction Phase : Capital cost Rs: 1.23Cr Operation Phase Capital cost Rs: 2.14Cr Recurring cost Rs:41.40Lakhs/Annum

The proposal is for construction of residential apartment in an area which is earmarked for industrial use as per BIAAPA zoning regulations, for which the proponent informed that the proposed area is allotted by KIADB for Affordable Housing Project on 19/06/2019 and proposed land use development is permitted and possession certificate obtained from KIADB on 22/01/2021 for the proposed project in plot no. R-9-C of Hitech, Defence & Aerospace Park.

The committee during appraisal sought clarification regarding provision made for harvesting rain water in the proposed area and provisions for CNG for the proposed project. The proponent submitted clarification and informed the committee that for harvesting runoff rain water from roof top, storage tanks of capacity 40cum and for runoff from hardscape/paved areas an pond two tanks of 60cum capacity and for recharging the ground water using the excess water 5nos of recharge pits have been proposed within the project area and submitted an undertaking informing that provisions to be made to utilize CNG for the proposed project.

The proponent further informed the committee that they have made provisions to grow 173 trees 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 committee noted that the baseline parameters are found to be within permissible limits and informed the proponent to leave buffers from the lake/drain as per zoning regulations and informed the proponent to harvest maximum rainwater 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.

273.54 Sand Block No.1 Project in Thungabhadra River Bed at Buklapura Village, Thirthahalli Taluk, Shivamogga District Executive Engineer, Upper Tunga Project Division Online proposal no SIA/KA/MIN/59955/2021 (10-00 Acres) (SEIAA 24 MIN 2021)

About the project:

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Executive Engineer Upper Thunga Project Division K.N.N.L. Shimogga
2	Name & Location of the Project	Proposed "Buklapura Sand Mining Block - 1, Thungabhadra River Bed Quarry Adjacent to Sy. Nos. 248, 249 & 250 of Buklapura

		Village, Thirthahalli Taluk, Shimogga District, Karnataka (Extent: 10-00 acres (4.046 Ha))
3	Type of Mineral	Buklapura Sand Mining Block – 1
4	New /expansion/modification /renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
6	Area in Ha	4.046Ha
7	Annual production (metric ton /Cum) per annum	38,249 tonnes/annum
8	Project Cost (Rs. In Crores)	1.34 Crores
9	Proved quantity of mine/quarry- Cu.m/Tons	38,249 Tons
10	Permitted quantity per annum- Cu.m/Ton	38,249 tonnes/annum
11	CER Action Plan:	
	Yea	Corporate Environmental Responsibility (CER)
	1 st	Providing solar power panels to the GHPS school at Buklapura village
	2 nd	Conducting E-waste drive campaigns in the GHPS school at Buklapura village
	3 rd	Scientific support and awareness to local farmers to increase yield of crop and fodder
	4 th	Health camp in the GHPS school at Buklapura village
	5 th	
12	EMP Budget	Rs. 8.46 Lakhs (Capital Cost) & Rs. 5.76 lakhs (Recurring cost)
13	Forest NOC	01.02.2022
14	Letter of Intent	02.07.2020
15	Quarry plan	19.12.2020
16	Cluster Certificate	23.12.2020
17	District Task Force	11.05.2020

This is a fresh proposal for Buklapura Sand Mining Block – 1 in Tungabhadra River Bed. The TORs were issued from SEIAA on 28.05.2021 and EIA report is submitted on 25.01.2022.

There is an existing cart track road to a length of 320 meters connecting the lease area to an all weather black topped road and the proponent informed that the quarrying operation will be commenced after strengthening the approach road to the quarry as per IRC (Indian Road Congress) standard norms & would grow trees all along the approach road.

The public hearing was conducted on 16.12.2021 and the committee observed that there are some complaints with regard to damage to the agricultural crops, dust pollution control measures, health checkup to the local villagers, road damages etc. The proponent submitted point wise compliance to all these issues and also other general issues raised by the public during public hearing.

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

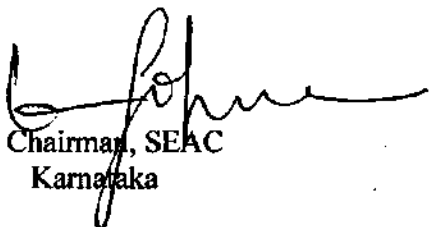
to ensure that the parameters will be maintained within the permissible limits. The proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits. The proponent agreed to follow the conditions stipulated in sustainable sand mining guidelines 2016 & 2020.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an average annual production of 38,249 tonnes per annum for 5 years, after due replenishment every year.

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

The meeting concluded with vote of thanks


Member Secretary, SEAC
Karnataka


Chairman, SEAC
Karnataka