

**Proceedings of the 295<sup>th</sup> SEAC Meeting held on 17<sup>th</sup> April- 2023**

**Members present in the meeting held on 17<sup>th</sup> April- 2023**

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

**Officials Present**

1	Kirankumar B S	Sc O-1
2	Suhas H S	Sc O-1

The Chairman welcomed the members and initiated the discussion. The proceedings of the 293<sup>rd</sup> SEAC meeting held on 14<sup>th</sup> & 15<sup>th</sup> March 2023 was read and confirmed.

**Fresh Projects**

**EIA Projects**

**295.1 Expansion of Commercial Building Project at Byatarayanpura Village, Yelahanka Bangalore, Bangalore Urban District by M/s. Madhuvan Enterprises - Online Proposal No.SIA/KA/MIS/71538/2021 (SEIAA 15 CON 2019)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED by PP
1	Name & Address of the Project Proponent	Mr. Vivekananada Nayak U Director M/s. Madhuvan Enterprises Pvt. Ltd. No. 10/1, Lakshminarayana Complex, Ground Floor, Palace Road, Bangalore- 560052
2	Name & Location of the Project	Expansion of Commercial Building Project by M/s. Madhuvan Enterprises Pvt. Ltd." at Sy. Nos. 25, 26/1, 26/2, 26/3, 26/4, 26/5, 26/6, 26/7, 36/1, 36/2, 36/3, 36/4, 36/5, 37/3, BBMP Khata Nos. 409/25, 26/1, 2, 3, 4, 5, 6, 7, & 36/1, 2, 3, 4, 5, 37/3, Byatarayanpura Village, Yelahanka Hobli, Bangalore North Taluk, Bangalore
3	Type of Development	



	a	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial Building Project Category 8(b) as per EIA Notification 2006					
	b	Residential Township/ Area Development Projects	--					
4		New/ Expansion/ Modification/ Renewal	Expansion					
5		Water Bodies/ Nalas in the vicinity of project site	<ul style="list-style-type: none"> <li>Tertiary drain passing inside the project has been re-routed to project boundary as per DC, Bangalore Order 01.06.2019</li> <li>Amruthahalli lake-0.35 Km, East</li> </ul>					
6		Plot Area (Sqm)	52,456.94 SQM					
7		Built Up area (Sqm)	3,72,473.76 SQM					
8		FAR <ul style="list-style-type: none"> <li>Permissible</li> <li>Proposed</li> </ul>	5.20 (including TDR) 4.11					
9		Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Sl. No.	Blocks	Building Configuration	Height of Building		
			1.	Block 1 (Office)	3BF + GF + 13UF	57.30m		
			2.	Block 2 (Office)	4BF + GF + 12UF	53.20m		
			3.	Block 3 (Office)	4BF + GF + 12UF	53.20m		
			4.	Block 4 (Commercial / Hotel)	3BF + GF + 14UF	57.30m		
			5.	Block 5 (Commercial / Retail)	4BF + GF + 6UF	29.20m		
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	NA					
11		Height Clearance	Airport Authority of India NOC has been obtained on 03.01.2019 and below is the justification with respect to near by projects.					
			Sl. No.	Project Name	Ridge Level (m)	Building Height (m)	Total	Distance from Project Site
			1	M/s. Madhuvan Enterprises Pvt. Ltd.	906	57.3	963.3	--

		2	M/s. Century Ethos	883	80.7	963.7	0.14 Km, NE
		3	Embassy Manyata Business Park	900	60	960	3.07 Km, SE
		4	M/s. Mantri Technology Constellation Pvt Ltd	911	65.5	976.5	3.07 Km, SE
12	Project Cost (Rs. In Crores)	Rs. 712.77 Crores (Existing 350 Cr + Proposed 362.77 Cr)					
13	Disposal of Demolition waster and or Excavated earth	The utilization of earth quantity is 1,30,783 Cum. At Present only Block 1 construction is going on, as the construction activity progress for Remaining Blocks, permission will be obtained from Mines and Geology Department for the Disposal of Excavated Earth of Qty. 2,36,417 Cum.					
14	Details of Land Use (Sqm)						
	a.	Ground Coverage Area	18,784.72 SQM				
	b.	Kharab Land	1,618.73 SQM				
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	12,129.82 SQM				
	d.	Internal Roads	Paved Area - 18,912.40 SQM				
	e.	Paved area					
	f.	Others Specify	Surface Parking – 2630 SQM				
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--				
	h.	Total	54,075.67 SQM (Excluding Kharab)				
15	WATER						
	I.	Construction Phase					
	a.	Source of water	For Domestic Purpose - Water Treatment Plant For Construction Purpose - The treated water is being used for construction activity which will be sourced from Century Saras, Breeze, Linea & Ethos Developers shall be used and MoU executed				
	b.	Quantity of water for Construction in KLD	110 KLD - The treated water is being used for construction activity which will be sourced from Century Saras, Breeze, Linea & Ethos Developers shall be used and MoU executed				
	c.	Quantity of water for Domestic Purpose in KLD	28 KLD for the proposed labour colony				
	d.	Waste water generation in KLD	25.2 KLD				
	e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated is being treated in STP				
	II.	Operational Phase					

	a.	Total Requirement of Water in KLD	Fresh Recycled Total	1067 KLD 604 KLD 1671 KLD
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	1504 KLD	
	d.	STP capacity	4X360 KLD & 1X135 KLD	
	e.	Technology employed for Treatment	Membrane Bio Reactor (MBR)Technology	
	f.	Scheme of disposal of excess treated water if any	No excess treated water	
16	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to store Roof run off	1127 KLD	
	b.	No's of Ground water recharge pits	34 Nos.	
17	Storm water management plan		1127 KLD of sump will be provided for storage of rain water and 34 no's of recharge pits will be provided	
18	WASTE MANAGEMENT			
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Total No. of labors = 400 nos. (considering @ 0.25 Kg /day /person) Solid waste generation= 400X 0.25 = 100 Kgs /day.	
	II. Operational Phase			
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	2.95 TPD is organic waste. Organic waste will be composted using organic waste converter.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	4.42 TPD is inorganic waste. Inorganic waste will be handed over to municipal trucks	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used Oil from DG Sets - 1000 LPA Oil soaked cotton waste - 450 Kg/A Oil filters - 19 Nos/A It will be stored in leak proof sealed barrels and will be given to KSPCB authorized reproprocessors / recyclers.	
	d.	Quantity of E waste generation and mode of Disposal as per norms	200 Kg/A will be handed over to authorized KSPCB reproprocesses	
19	POWER			
	a.	Total Power Requirement - Operational Phase	23,969 KW	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	5 X 2000KVA & 9 X 2250KVA DG sets are proposed during operation phase.	
	c.	Details of Fuel used for DG Set	HSD for DG sets with low sulphur content <0.05%.	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total around 21.4 % of energy will be saved from the proposed project and approximately 240 KW solar power will be generated. Cost estimation for providing solar panel is 95 Lakhs.	

20	PARKING		
	a.	Parking Requirement as per norms	4308 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	B&C
	c.	Internal Road width (RoW)	9 mtr
21	CER Activities		<ul style="list-style-type: none"> <li>• Contribution to Forest department for Plantation &amp; Acquiring lands for Elephant Corridor &amp; Development of Puttenahalli Lake Bird Conservation Reserve</li> <li>• Contribution for conservation of Tamaridgrove (Heritage Site) at Devanahalli</li> <li>• Government Schools/Hospital upgradation in Kodigehalli, RMV 2nd Stage &amp; Sanjeevinagar</li> <li>• conducting medical camps &amp; Health Checkups</li> </ul>
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>		EMP <ul style="list-style-type: none"> <li>Construction phase - 524.92 Lakhs</li> <li>Operation Phase - 46.58 Lakhs</li> </ul>

The proposal is for modification and expansion of commercial building project, Proponent informed that they had obtained EC from SEIAA on 05.02.2018 for a BUA of 65,684 Sq.mt. and two corrigendums to EC on 19.08.2019 and 31.07.2021 from SEIAA, for BUA 95,685 Sqm and 92,795.72 Sqm respectively, in plot area of 52,456.94 Sqm and now it is proposed for BUA of 3,72,473.76 Sqm, with no change in plot area. ToR was issued by SEIAA on 21.05.2019 and corrigendum to ToR was issued on 20.09.2021. The Proponent informed that they had obtained CCR from MoEF&CC on 22.12.2023 for earlier E.C and it has been informed in the CCR that construction was going on at the time of inspection. They have obtained approval of plan from BBMP and CFE from KSPCB on 25.04.2018. The Proponent informed the Committee that they had collected baseline data from October 2019-December 2019, as the baseline data report was more than three years old, they had collected additional one-month baseline data of February 2023 and have revised the EIA report accordingly.

The Committee during appraisal sought clarification for drain as per village map, present details of environmental parameters and provisions made for harvesting rain water. The Proponent informed the Committee that the tertiary drain and foot kharab is rerouted to the project boundary as per the DC Order dated 01.06.2019 and buffer of 15 mtrs from the center is provided for the rerouted drain in northern side. The Proponent informed the Committee that there is an increase in pollution load, but are within limits. For harvesting rain water, the Proponent informed the Committee that they have provided for RWH tank of 1127 cum for runoff from rooftop, landscape and paved areas in addition to 34 nos recharge pits within the project area. The Committee based on the details submitted by Proponent to use glass facades, suggested to use transparent glass facades so as to reduce glare and reduce inside lighting requirements for which the Proponent agreed. Further the Committee informed the Proponent to maintain proper gradient of the rerouted drain, to prevent stagnation of drainage water and to use sustainable building materials in the proposed project and to comply with the observation of CCR issued by MoEF&CC for which the Proponent agreed.

The Proponent informed that they have made provisions to grow additional of 676 trees and to provide charging facility for electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide RWH tank 1127 cum capacity and 34 number of recharge pits.
2. To comply with the observation in CCR issued by MoEF&CC.
3. To provide transparent glass facades.
4. To maintain proper gradient for the rerouted drain
5. To leave free public access in foot kharab area.

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

**295.2 Establishment of Common Bio-Medical Waste Treatment and Disposal Facility Project at Sy. No. 314 of Kanagala Village, Chikkodi Taluk, Belgaum District by M/s. Banashankari Environment Services - Online Proposal No.SIA/KA/INFRA2/421954/2023 (SEIAA 27 IND 2022)**

The proposal is for setting up of new CBMW Treatment and Disposal facility of capacity 200kg/hr in plot area of 2 Acres, allotted by KIADB. The Proponent informed that they had obtained Standard ToR from SEIAA 08.11.2022 and were exempted from Public Hearing as the area is located in KIADB industrial area for which EC was issued by MoEF&CC on 02.03.2022, wherein PH was conducted for the industrial area on 14.07.2020.

The Proponent informed the Committee that they had obtained CFE from KSPCB on 01.10.2022 and considering the site conditions Proponent had started civil works, presently at foundation level. The Committee noted that the Proponent had already started construction activities without obtaining EC and the Committee categorized the proposal as Violation and informed Proponent to submit the application as per the provisions in MoEF&CC OM dated 07.07.2021 along with details of certified bed strength by concerned DHO and certified GAP analysis report from KSPCB.

Hence the Committee after discussion decided to recommend the proposal to SEIAA for necessary action to categorize the proposal as violation.

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



**295.3 Gonnagara Sand Block Project at Gonnagara Village, Ramdurga Taluk, Belagavi District (22-00 Acres) by M/s. Hutti Gold Mines Company Ltd. - Online Proposal No.SIA/KA/MIN/408478/2022 (SEIAA 437 MIN 2021)**

**About the project:**

Sl.No	PARTICULARS	INFORMATION PROVIDED BY PP																																										
1	Name & Address of the Projects Proponent	M/s. Hutti Gold Mines Company Ltd.																																										
2	Name & Location of the Project	Gonnagara Sand Block Project at Sy. Nos.1 to 4, 6, 267, 266, 265, 263(p), 264(p) of Gonnagara Village, Ramdurga Taluk, Belagavi District (22-00 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr><td>A</td><td>N 15°55'47.7"</td><td>E 75°21'55.4"</td></tr> <tr><td>B</td><td>N 15°55'47.1"</td><td>E 75°21'54.7"</td></tr> <tr><td>C</td><td>N 15°55'41.6"</td><td>E 75°21'58.0"</td></tr> <tr><td>D</td><td>N 15°55'37.2"</td><td>E 75°22'10.0"</td></tr> <tr><td>E</td><td>N 15°55'33.0"</td><td>E 75°22'24.3"</td></tr> <tr><td>F</td><td>N 15°55'34.6"</td><td>E 75°22'30.6"</td></tr> <tr><td>G</td><td>N 15°55'37.2"</td><td>E 75°22'38.4"</td></tr> <tr><td>H</td><td>N 15°55'46.8"</td><td>E 75°22'44.6"</td></tr> <tr><td>I</td><td>N 15°55'47.7"</td><td>E 75°22'43.7"</td></tr> <tr><td>J</td><td>N 15°55'38.6"</td><td>E 75°22'37.8"</td></tr> <tr><td>K</td><td>N 15°55'36.5"</td><td>E 75°22'34.3"</td></tr> <tr><td>L</td><td>N 15°55'33.0"</td><td>E 75°22'10.3"</td></tr> <tr><td>M</td><td>N 15°55'42.6"</td><td>E 75°21'58.9"</td></tr> </tbody> </table>	Point	Latitude	Longitude	A	N 15°55'47.7"	E 75°21'55.4"	B	N 15°55'47.1"	E 75°21'54.7"	C	N 15°55'41.6"	E 75°21'58.0"	D	N 15°55'37.2"	E 75°22'10.0"	E	N 15°55'33.0"	E 75°22'24.3"	F	N 15°55'34.6"	E 75°22'30.6"	G	N 15°55'37.2"	E 75°22'38.4"	H	N 15°55'46.8"	E 75°22'44.6"	I	N 15°55'47.7"	E 75°22'43.7"	J	N 15°55'38.6"	E 75°22'37.8"	K	N 15°55'36.5"	E 75°22'34.3"	L	N 15°55'33.0"	E 75°22'10.3"	M	N 15°55'42.6"	E 75°21'58.9"
Point	Latitude	Longitude																																										
A	N 15°55'47.7"	E 75°21'55.4"																																										
B	N 15°55'47.1"	E 75°21'54.7"																																										
C	N 15°55'41.6"	E 75°21'58.0"																																										
D	N 15°55'37.2"	E 75°22'10.0"																																										
E	N 15°55'33.0"	E 75°22'24.3"																																										
F	N 15°55'34.6"	E 75°22'30.6"																																										
G	N 15°55'37.2"	E 75°22'38.4"																																										
H	N 15°55'46.8"	E 75°22'44.6"																																										
I	N 15°55'47.7"	E 75°22'43.7"																																										
J	N 15°55'38.6"	E 75°22'37.8"																																										
K	N 15°55'36.5"	E 75°22'34.3"																																										
L	N 15°55'33.0"	E 75°22'10.3"																																										
M	N 15°55'42.6"	E 75°21'58.9"																																										
3	Type Of Mineral	Gonnagara Sand Block Project																																										
4	New / Expansion / Modification / Renewal	New																																										
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government																																										
6	Area in Acres	22-00 Acres																																										
7	Annual Production (Metric Ton / Cum) Per Annum	66,154 Tonnes/ Annum (including waste)																																										
8	Project Cost (Rs. In Crores)	Rs. 2.07 Crores (Rs. 207 Lakhs)																																										
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	66,154 Tonnes (including waste)																																										
10	Permitted Quantity Per Annum - Cu.m / Ton	66,154Tonnes/ Annum (excluding waste)																																										
11	CER Activities:																																											

7

	Year	Corporate Environmental Responsibility (CER)
	1st	Providing solar power panels to common public places
	2nd	The proponent proposes to distribute nursery plants at Gonnagar and Lingdhal Villages & Strengthening/repairing of existing of approach road
	3rd	Rain water harvesting pits nearby school
	4th	Avenue plantation either side of the approach road near Mine site and sand storage areas & maintenance of drainage facilities
	5th	Health camp in nearby community places
12	EMP Budget	Rs. 11.73 lakhs (Capital Cost) & Rs. 10.83 lakhs (Recurring cost)
13	Forest NOC	13.07.2022
14	Quarry plan	05.04.2022
15	Cluster certificate	07.01.2023
16	Notification	18.08.2020
17	DTE	24.09.2020
18	JIR depth	3 mtr
19	PH	05.07.2022
20	Approved Replenishment	15.10.2022
21	Irrigation NOC	27.01.2022

The proposal is for River Bed Sand Mining and SEIAA had issued ToR on 06.12.2021 and Public hearing was conducted on 05.07.2022.

The Committee noted that the Proponent had proposed semi mechanized method of mining, for which it was opined that the proposed project is not inline with Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, where in it is directed not to use any machinery for excavation of sand. Hence, the Committee after discussion decided to defer the appraisal and directed the Proponent to propose the method of excavation of sand without machinery as per the Hon'ble NGT (SZ) Directions in O.A 194/2020 dated 15.09.2022, for the proposed project.

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

**295.4 Residential Row Houses Project at Kengeri Village, Kengeri Hobli, Bangalore South Taluk, Bengaluru by M/s. Sai Samruddhi Constructions - Online Proposal No.SIA/KA/INFRA2/420572/2023 (SEIAA 69 CON 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED by PP
1	Name & Address of the Project Proponent	Sri. G Rajkumar and Sri. Harjee Ram Seervi - Partners M/s. Sai Samruddhi Constructions #416, 1st Floor, Vaddarapalya Village, Uttarahalli Kengeri Road, BSK 5th Stage, Bangalore 560 061



2	Name & Location of the Project	Katha No. 6624/114, Sy No. 114/1 & 114/2, Kengeri Village, Kengeri Hobli, Bangalore South Taluk, Bengaluru
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Villaments Category 8(a) as per EIA Notification 2006.
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Not Applicable
6	Plot Area (Sqm)	11,719.94sq. m
7	Built Up area (Sqm)	30,623.76Sq m
8	FAR • Permissible • Proposed	1.75 1.75
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Basement + Ground Floor + 4 Upper Floors+ Terrace
10	Number of units/plots in case of Construction /Residential Township /Area Development Projects	82nos.
11	Height Clearance	Low rise structure.
12	Project Cost (Rs. In Crores)	Rs. 38 Cr.
13	Disposal of Demolition waster and or Excavated earth	<b>Demolition Waste:</b> Not Applicable <b>Excavated Earth:</b> Quantity of Earth Work Excavation : 15,371.00cum Backfilling with available earth : 3,842.00 cum Top soil requirement for landscapedevelopment on natural earth: 1933.00 cum Earth used for formation of internal roads : 1,364.00 cum Excavated earth of used for site levelling within the site: 8,232 cum
14	Details of Land Use (Sqm)	
	a. Ground Coverage Area	5,123.67Sq m
	b. Kharab Land	----
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,867.58Sq. m

	d.	Internal Roads	2,728.69Sq. m	
	e.	Paved area		
	f.	Others Specify - nala area	-----	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-----	
	h.	Total	11,719.94 Sq m	
15	<b>WATER</b>			
	<b>I. Construction Phase</b>			
	a.	Source of water	Treated Sewage	
	b.	Quantity of water for Construction in KLD	20KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4KLD	
	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	
	<b>II. Operational Phase</b>			
	a.	Total Requirement of Water in KLD	Fresh	37 KLD
			Recycled	18 KLD
			Total	55 KLD
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	50 KLD	
	d.	STP capacity	60 KLD. The foot print of STP is 120 Sq m	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any		
16	<b>Infrastructure for Rain water harvesting</b>			
	a.	Capacity of sump tank to store Roof run off	100 cum	
	b.	No's of Ground water recharge pits	45 No's	
17	Storm water management plan		The storm water produced within the site will be directed to recharge pits provided around the periphery of the site.	
18	<b>WASTE MANAGEMENT</b>			
	<b>I. Construction Phase</b>			
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	10kg/day, mobile STP	
	<b>II. Operational Phase</b>			
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	82 kgs/day of organic waste will be treated in Organic convertor. The capacity of OWC is 25 Kg/hr. The foot print of OWC is 60 Sq m	
	b.	Quantity of Non-Biodegradable waste generation	123 kgs/day of inorganic waste will be given to authorized vendors	

	and mode of Disposal as per norms		
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Quantity generated to be handed over to authorized vendors.	
d.	Quantity of E waste generation and mode of Disposal as per norms	Quantity generated to be handed over to authorized vendors.	
19	<b>POWER</b>		
a.	Total Power Requirement - Operational Phase	The power requirement is about 450 KW	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 No's of capacity 100 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	12.5% of total savings.	
20	<b>PARKING</b>		
a.	Parking Requirement as per norms	200ECS	
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LoS: B&C	
c.	Internal Road width (RoW)		
21	CER Activities	To provide sanitary drainage works/Drinking Water facility to Government School of Kengeri Village	
22	<p style="text-align: center;"><b>EMP</b></p> <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	<b>Operation phase:</b>	
		<b>Description</b>	<b>Financial provision Rs. Lakhs</b>
		STP operation and Maintenance	8.2
		Rainwater Harvesting and Recharge Pits	1.5
		Traffic Maintenance	0.3
		Greenery development	5.8
		Solar Applications	2.0
		D.G. Maintenance	1.0
		Solid/Hazardous/E-Waste/Bio-Medical Waste Management	3.6
		Environmental Monitoring Services	2.8
		<b>Total</b>	<b>25.2</b>
		<b>Construction phase:</b>	
		<b>Description</b>	<b>Financial provision in Rs. Lakhs</b>

		Mobile STP operation and Maintenance	2.5
		Traffic Maintenance	0.18
		Barricade covers	4.5
		Water Sprinklers	1.5
		Mobile D.G. Maintenance	1.5
		Environmental Monitoring Services	3.8
		<b>Total</b>	<b>13.98</b>

The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per RMP of BDA 2015.

The Committee during appraisal sought details about the provisions being made for harvesting rain water. The Proponent revised the provisions made for harvesting rainwater and informed the Committee that they had made provisions for tank of 100cum capacity for runoff from rooftop, landscape and paved areas in addition to 45 nos recharge pits within the project site area. The Proponent informed that they will manage the excess water within the site area. Further the Committee informed the Proponent to install smart water meter to individual units for conservation of water and to use sustainable building materials in the proposed project, for which the Proponent agreed.

The Proponent agreed to grow 140 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide RWH tank of 100cum capacity and 45 number of recharge pits.

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




**295.5 Residential Apartment project at Belatur Village & Kumbena Agrahara Village, Bidarahalli Hobli, Ward No-54, Bangalore East Taluk, Bangalore by M/s. Ankuraa Developers - Online Proposal No.SIA/KA/INFRA2/420843/2023 (SEIAA 70 CON 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. Ankuraa Developers, No. 4/1, 3rd Floor, BBMP Katha No.992/HK130, Sy No. 3, PattandurAgrahara, Whitefield Main Road, Bangalore – 560066
2	Name & Location of the Project	Residential Apartment project at Sy. Nos.85, 86 of Belatur Village & Sy No. 78 of KumbenaAgrahara Village, BidarahalliHobli, Ward No-54, Bangalore East Taluk, Bangalore.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment project Category 8(a) as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Primary drain in North, Tertiary drain in East & West
6	Plot Area (Sqm)	16,035.26 Sqmt.
7	Built Up area (Sqm)	57,345.81 Sqmt
8	FAR • Permissible • Proposed	3.0 2.83
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	B+G+ 14 UF
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	350 Nos.
11	Height Clearance	CCZM of Bangalore permissible height is 1035m AMSL and Proposed height is 927.99m AMSL
12	Project Cost (Rs. In Crores)	75 Cr
13	Disposal of Demolition waster and or Excavated earth	No Demolition waste and Excavated earth we used in our project only.
14	Details of Land Use (Sqm)	
	a. Ground Coverage Area	3,800.30 Sqm
	b. Kharab Land	556.17 Sqmt
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification,	3,911.65 sqm

	2006	
d.	Internal Roads	3,550.30 Sqm (23.66%)
e.	Paved area	
f.	Others Specify	Area under existing Road is 475.72 Sqmt.
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	16,035.26 Sqmt
15	<b>WATER</b>	
I.	Construction Phase	
a.	Source of water	BWSSB STP treated water/Near by STP Treated water
b.	Quantity of water for Construction in KLD	30 KLD
c.	Quantity of water for Domestic Purpose in KLD	5 KLD
d.	Waste water generation in KLD	4KLD
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 173 KLD
		Recycled 87 KLD
		Total 260 KLD
b.	Source of water	BWSSB
c.	Waste water generation in KLD	234 KLD
d.	STP capacity	250 KLD (Area required 250 Sqmt)
e.	Technology employed for Treatment	SBR
f.	Scheme of disposal of excess treated water if any	Excess treated sewage will be used floor washing, given to nearby construction activities
16	<b>Infrastructure for Rain water harvesting</b>	
a.	Capacity of sump tank to store Roof run off	100cum
b.	No's of Ground water recharge pits	10nos
17	Storm water management plan	The quantity of storm water produced within the site will be directed to recharge pits of 10 Nos. provided around the periphery of the site. And 200 cum of collection sump has been provided.
18	<b>WASTE MANAGEMENT</b>	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to BBMP authorities for further disposal
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	473 kg/day converted in to organic manure and used for garden Capacity of the Organic convertor is 500 Kg/Day (Area required is 11 sqm)
b.	Quantity of Non- Biodegradable waste generation and mode of	315 kg/day given to PCB authorized recycler

	Disposal as per norms	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50- 80 L given to PCB authorized recycler
d.	Quantity of E waste generation and mode of Disposal as per norms	25 kg/year to PCB authorized recyclers
19	POWER	
a.	Total Power Requirement - Operational Phase	1500 KW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	380 KVA X 2 Nos
c.	Details of Fuel used for DG Set	Low Sulphuric diesel
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	21.0%
20	PARKING	
a.	Parking Requirement as per norms	385ECS
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS B
c.	Internal Road width (RoW)	6.0
21	CER Activities	Infrastructure Development of Nearby Govt School/Hospital
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	52 Lakhs 204 Lakhs

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

The Committee during appraisal sought details for drains as per village map, sensitive zone as per RMP of BDA and provisions made for harvesting rain water. The Proponent informed the Committee that for the primary drain in North they had proposed buffer of 50mtr from center, tertiary drain in east is rerouted to project boundary by DC as per Order dated 07.02.2019 and buffer of 15mtr from center is proposed for the rerouted drain and for another tertiary drain in west they had proposed buffer of 15mtr from center of drain. The Proponent informed that they had obtained BDA Sensitive zone clearance dated 10.02.2023 for the proposed project. For harvesting rain water, the Proponent has proposed tank of 100 cum capacity for runoff from rooftop and an additional tank of capacity 200 cum for runoff from landscape and paved areas in addition to 10 nos recharge pits within the project area. Further the Committee informed the Proponent to install smart water meter to individual units for conservation of water and also manage excess drainage water within the site area and to use sustainable building materials in the proposed project for which the Proponent agreed.

The Proponent informed that they have made provisions to grow 186 trees and to provide charging facility for electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.




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

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

1. To provide RWH tank of 100cum& 200cum capacities and 10 number of recharge pits.
2. To abide by the conditions stipulated in sensitive zone clearance order.
3. To obtain permissions to construct culvert/bridge on drains from respective authorities.

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

**295.6 Multi storied Residential Apartment Project at CKC Garden, Mission Road, Sudhama Nagara, Bangalore by M/s. Emerald Haven Realty Limited - Online Proposal No.SIA/KA/INFRA2/421925/2023 (SEIAA 75 CON 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. Emerald Haven Realty Limited, Ispahani Centre, 4th floor, No. 123, 124, Nungambakkam High Road, Nungambakkam, Chennai – 600 034.
2	Name & Location of the Project	Multi storied Residential Apartment project Municipal Nos. 1, 2, 2/1, 9, 70, 71, 72, 73, 74 and 75 of 1st Main Road, CKC Garden, Mission road, Sudhamanagar, Bangalore-560027
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006.
	b. Residential Township/ Area Development Projects	NA
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	NA
6	Plot Area (Sqm)	4,613.38 Sqm
7	Built Up area (Sqm)	31,515.11 Sqm
8	FAR <ul style="list-style-type: none"> <li>• Permissible</li> <li>• Proposed</li> </ul>	4.8(Including TDR) 4.46
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2B+G+22 UF



10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	63 Nos
11	Height Clearance	Justification: Utility building is at a distance of 2.3km from proposed project, having site elevation of 942m AMSL and height of 80mtrs and the proposed project is at a elevation of 924mtrs and heigh of 74.80m AMSL
12	Project Cost (Rs. In Crores)	175 cr
13	Disposal of Demolition waster and or Excavated earth	Demolition waste 4000 cum is given to KSPCB approved agency for further process after obtaining necessary permission. Excavated earth we used our project only.
14	Details of Land Use (Sqm)	
	a. Ground Coverage Area	1,315.58 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	5,62.57 Sqm
	d. Internal Roads	2,735.23 Sqm
	e. Paved area	
	f. Others Specify	
	g. Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h. Total	4,613.38 Sqm
15	WATER	
	I. Construction Phase	
	a. Source of water	BWSSB Treated water/ Nearby STP Treated water
	b. Quantity of water for Construction in KLD	25 KLD
	c. Quantity of water for Domestic Purpose in KLD	3KLD
	d. Waste water generation in KLD	2 KLD
	e. Treatment facility proposed and scheme of disposal of treated water	Existing UGD
	II. Operational Phase	
	a. Total Requirement of Water in KLD	Fresh 42KLD
		Recycled 20KLD
		Total 62KLD
	b. Source of water	BWSSB
	c. Waste water generation in KLD	56 KLD
	d. STP capacity	60 KLD Space required for the STP is 60 sqm
	e. Technology employed for Treatment	SBR
	f. Scheme of disposal of excess treated water if any	Excess will be used for floor washing, given to nearby construction activities
16	Infrastructure for Rain water harvesting	

	a.	Capacity of sump tank to store Roof run off	80 KLD
	b.	No's of Ground water recharge pits	10 KLD
17		Storm water management plan	The quantity of storm water produced within the site will be directed to recharge pits of 10 Nos.
18		<b>WASTE MANAGEMENT</b>	
	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	111 kg/day converted in to organic manure and used for garden, 120 Kg/day capacity of Organic convertor is proposed Space required for organic convertor is 7 sqm
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	74 kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	30-50 l given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	30-50 l given to PCB authorized recycler
19		<b>POWER</b>	
	a.	Total Power Requirement - Operational Phase	1124 KW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 1 No. & 250 KVA X 1 Nos
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total savings of 22 %
20		<b>PARKING</b>	
	a.	Parking Requirement as per norms	179 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) D
	c.	Internal Road width (RoW)	8.0
21		CER Activities	To provide infrastructure facilities to Govt school or Govt Hospital Near by the project site
22		EMP	
		• Construction phase	58.2 Lakhs
		• Operation Phase	148 Lakhs

The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per RMP of BDA 2015.

The Committee during appraisal sought details about the provisions being made for harvesting rain water. The Proponent revised the provisions made for harvesting rainwater and informed the Committee that they had made provisions for tank of 80cum capacity for runoff from rooftop, landscape and paved areas in addition to 10nos recharge pits within the project site area. The Proponent informed that they will manage the excess water within the site area. Further the Committee informed the Proponent to install smart water meter to individual units for conservation of water and to use sustainable building materials in the proposed project, for which the Proponent agreed.

The Proponent agreed to grow 57 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide RWH tank of 80cum capacity and 10 number of recharge pits.

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

**295.7 Expansion of Residential Apartment Project at Rainbow Residency Kaikondrahalli, Sarjapur Road Bangaluru by M/s. JRC Projects - Online Proposal No.SIA/KA/INFRA2/420119/2023 (SEIAA 57 CON 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Srikanth Reddy Sama, M/s. JRC Projects Plot No.313,Rainbow Residency Kaikondrahalli, Sarjapur Road, Bangaluru-560035
2	Name & Location of the Project	Expansion of Residential Apartment Project by M/s. JRC Projects Plot No.313,Rainbow Residency Kaikondrahalli, Sarjapur Road Bangaluru-560035
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment Category 8(a) as per EIA Notification 2006.
b.	Residential Township/ Area Development Projects	NA

4	New/ Expansion/ Modification/ Renewal	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	Ghattiganahalli lake at a distance of 30mtowards south of the project site. Tertiary nala is present is southern direction
6	Plot Area (Sqm)	50,686.89 Sqmt
7	Built Up area (Sqm)	1,41,476.14 Sqmt
8	FAR <ul style="list-style-type: none"> <li>• Permissible</li> <li>• Proposed</li> </ul>	2.0 1.99
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building 1: B+G+4 UF (ongoing) Building 2: 2B+G+4UF (expansion) Building 3: B+G+4 UF (expansion) Building 4: B+G+4 UF (expansion)
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	656 nos
11	Height Clearance	NA
12	Project Cost (Rs. In Crores)	100 Cr
13	Disposal of Demolition waster and or Excavated earth	No Demolition waste and Excavated earth we used in our project only.
14	Details of Land Use (Sqm)	
	a.	Ground Coverage Area 20,172.63 Sqmt
	b.	Kharab Land 1,821.06 Sqmt
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 9,773. 0 Sqmt
	d.	Internal Roads 16,476.89 Sqm
	e.	Paved area
	f.	Others Specify Civic amenities is 2443.51 Sqmt (5.0%)
	g.	Parks and Open space in case of Residential Township/ Area Development Projects NA
	h.	Total 50,686.89 Sqmt
15	WATER	
	I.	Construction Phase
	a.	Source of water BWSSB STP treated water/Near by STP Treated water
	b.	Quantity of water for Construction in KLD 50KLD
	c.	Quantity of water for Domestic Purpose in KLD 5KLD
	d.	Waste water generation in KLD 4KLD
	e.	Treatment facility proposed and scheme of disposal of treated water Mobile sewage Treatment Plant

	<b>II. Operational Phase</b>	
a.	Total Requirement of Water in KLD	Fresh 250 KLD
		Recycled 175KLD
		Total 425KLD
b.	Source of water	GramPanchyat
c.	Waste water generation in KLD	383 KLD
d.	STP capacity	400 KLD, (Area required is 400Sqmt)
e.	Technology employed for Treatment	SBR
f.	Scheme of disposal of excess treated water if any	Excess treated sewage will be used floor washing, given to nearby construction activities
16	<b>Infrastructure for Rain water harvesting</b>	
a.	Capacity of sump tank to store Roof run off	300 m3 of 4 Nos
	No's of Ground water recharge pits	20 Nos
17	Storm water management plan	The quantity of storm water produced within the site will be directed to recharge pits of 20 Nos. & we have provided pond for external rain water collection.
18	<b>WASTE MANAGEMENT</b>	
	<b>I. Construction Phase</b>	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Handed over to BBMP authorities for further disposal
	<b>II. Operational Phase</b>	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	852 kg/day converted in to organic manure and used for garden Capacity of the Organic convertor is 900 Kg/Day Area required is 20sqm
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	568 kg/day given to PCB authorized recycler
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80Lts/one B check given to PCB authorized recycler
d.	Quantity of E waste generation and mode of Disposal as per norms	40 Kg/year to PCB authorized recyclers
19	<b>POWER</b>	
a.	Total Power Requirement - Operational Phase	2,620 KW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	220 KVA X 2 nos.
c.	Details of Fuel used for DG Set	Low Sulphuric diesel
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy	Total savings of 22.94 %

		as per ECBC 2007	
20		<b>PARKING</b>	
	a.	Parking Requirement as per norms	1100 ECS
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) : A
	c.	Internal Road width (RoW)	10.0 mts
21		<b>CER Activities</b>	<ul style="list-style-type: none"> <li>• Rejuvenation of water body adjacent to project site.</li> <li>• Infrastructure Development of nearby Govt. School/Hospitals</li> </ul>
22		<b>EMP</b>	
		<ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	83 Lakhs 453 Laks

The proposal is for modification and expansion of residential building project, for which SEIAA had issued EC on 27.01.2020 for BUA of 45,497.02 Sqm in a plot area of 50,686.89 Sqm and now it is proposed for BUA of 1,41,476.14 Sqm, with no change in plot area. The Proponent informed that they had obtained CCR from MoEF&CC on 23.03.2023 for earlier E.C. The Proponent informed that for the existing facility they had obtained approval of plan from BDA dated 09.03.2022 and CFE from KSPCB on 28.01.2020. The Proponent justified the existing BUA of 25,541 Sqm based on the architect certificate on 28.03.2023.

The Committee during appraisal sought clarification for water body and drain as per village map, and details of provisions made for harvesting rain water. The Proponent informed the Committee that there is water body adjacent to project site in east and buffer of 30mtr is proposed from the edge of the water body and tertiary drain in South is rerouted as per DC Order dated 22.07.2022 and proposed buffer of 15 mtrs from center for the said tertiary drain in South. For harvesting rain water, the Proponent submitted revised calculation, with RWH tank of 4x300cum capacities for runoff from rooftop and a pond of 2MLD capacity for runoff from landscape and paved areas in addition to 20nos recharge pits within the project area. Further the Committee informed the Proponent to manage excess drainage water within the site area and to use sustainable building materials in the proposed project and to provide smart water meter to individual units and to comply with the observation of CCR issued by MoEF&CC for which the Proponent agreed.

The Proponent informed that they have made provisions to grow 600 trees and to provide charging facility for electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide RWH tank 4x300cum capacities and 20 number of recharge pits.
2. To comply with the observation in CCR issued by MoEF&CC.
3. To maintain proper gradient for the rerouted drain.

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

**295.8 Residential Apartment with Club House Project at Somapura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District by M/s. ARS Infraa - Online Proposal No.SIA/KA/INFRA2/421958/2023 (SEIAA 76 CON 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. Prasad Naidu S Partner, M/s. ARS Infraa No.1668/A, 3 <sup>rd</sup> Floor, 14 <sup>th</sup> Main, 7 <sup>th</sup> Sector, HSR Layout, Bengaluru – 560 102.
2	Name & Location of the Project	Development of “Residential Apartment with Club House” Project at Sy. Nos.17/2, 17/3, 17/4, 17/5, 17/6 and 20/1, Somapura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District – 562 125.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT / ITES / Mall / Hotel / Hospital / other	Residential Apartment with Club House Category 8(a) as per EIA Notification 2006
	b. Residential Township / Area Development Projects	NA
4	New / Expansion / Modification / Renewal	New
5	Water Bodies / Nalas in the vicinity of project site	Drain passing along north east to south east direction and in center of the project site area.
6	Plot Area (Sqm)	14,619.06 Sq.mt
7	Built Up area (Sqm)	47,140.21 Sq.mt
8	FAR • Permissible • Proposed	2.25 2.249
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	A & B: BF+GF+8UF
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	316 nos

11	Height Clearance	26.99 m (As per CCZM, the permissible height is 128 m AMSL and the height achieved for our proposed building is 26.99 m).	
12	Project Cost (Rs. In Crores)	Rs. 100 Crores	
13	Disposal of Demolition water and or Excavated earth	Total Excavated earth quantity – 19891m <sup>3</sup> For Backfilling – 10940 m <sup>3</sup> For Landscaping – 2,924 m <sup>3</sup> For driveway & site formation - 6027 m <sup>3</sup>	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	4,119.79 Sq.mt	
b.	Kharab Land	10 G - A kharab has been left as it is.	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	5,847.62 Sq.mt	
d.	Internal Roads		
e.	Paved area	3,852.11 Sq.mt	
f.	Others Specify	CA Area - 799.54 Sq.mt	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-	
h.	Total	14,619.06 Sq.mt	
15	WATER		
I.	Construction Phase		
a.	Source of water	The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.	
b.	Quantity of water for Construction in KLD	27 KLD	
c.	Quantity of water for Domestic Purpose in KLD	6.8 KLD	
d.	Waste water generation in KLD	6 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be treated in mobile STP and treated water will be used for dust suppression/landscaping within the site.	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	143 KLD
		Flushing	73 KLD
		Total	216 KLD
b.	Source of water	Yamare Gram Panchayath	
c.	Wastewater generation in KLD	194 KLD	
d.	STP capacity	STP Capacity – 220 KLD STP area – 125 Sq.mt	
e.	Technology employed for Treatment	Sequential Batch Reactor Technology	
f.	Scheme of disposal of excess treated water if any	Excess 72 KLD for construction works/avenue plantation.	
16	Infrastructure for Rain water harvesting		



	a.	Capacity of sump tank to store Roof run off	75 Cum -2 Nos.
	b.	No's of Ground water recharge pits	18 Nos.
17		Storm water management plan	Runoff from the hardscape and Landscape will be used to recharge the ground water within the site through 18 Nos. of recharge pits. Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site.
18		<b>WASTE MANAGEMENT</b>	
	I.	<b>Construction Phase</b>	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors. Construction debris - 24 m <sup>3</sup> This will be reused within the site for road and pavement formation.
	II.	<b>Operational Phase</b>	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	259 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter. OWC capacity – 200 kg/hr & OWC area - 300 Sq.ft (28 Sq.mt)
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	389 kg/day Recyclable wastes will be handed over to authorized waste recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 120 L/Annum (0.24 L/running) hour of DG's. Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.
19		<b>POWER</b>	
	a.	Total Power Requirement - Operational Phase	1094 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	250 KVA – 2 Nos.
	c.	Details of Fuel used for DG Set	104.76 l/hr
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc The overall energy savings is around 29 %
20		<b>PARKING</b>	
	a.	Parking Requirement as per norms	349 ECS

		Road	Towards	Existing	Changed after road widening
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Somapura Road		B	B No change
		SH-35 Divided road	Gunjur	C	B
			Sarjapur	C	B
c.	Internal Road width (RoW)	12.19 m wide Somapura road			
21	CER Activities	Development works of Somapura Lake. To construct check dams along the drains by obtaining necessary permission from concerned authority.			
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	During Construction: Capital Investment – 6.00 Lakhs Construction – 57.40 Lakh During Operation: Capital investment – 125.90 Lakhs Operation Investment – 19.00 Lakhs/annum			

The proposal is for construction of Residential buildings in an area which is earmarked for residential use as per Anekal Planning authority.

The Committee during appraisal sought clarification for drains, water body as per village map and provisions made for harvesting rain water. The Proponent informed the Committee that for the primary drains passing in center of the plot area and also in the eastern side, buffer of 9mtrs from the edge on either sides is proposed. For harvesting rain water, Proponent informed that they have proposed tank of 2x75cum for runoff from rooftop, landscape and paved areas in addition to 18nos recharge pits within the project site area. Further the Committee informed the Proponent to install smart water meter to individual units for conservation of water and to use sustainable building materials in the proposed project, for which the Proponent agreed.

The Proponent agreed to grow 186 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide RWH tank of 2x75cum capacities and 18 number of recharge pits.
2. To obtain permissions to construct culvert/bridge on drains from respective authorities.

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




**295.9 Mixed-Use Development of “Residential with Club House and Commercial Building Project at Geddalahalli Village, K R Puram Hobli, Bengaluru East Taluk, Bengaluru by M/s. Infant Properties & Investments Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/422202/2023 (SEIAA 77 CON 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED by PP
1	Name & Address of the Project Proponent	Mr. Kumar Alfred Antony Stan Managing Director M/s. Infant Properties & Investments Pvt. Ltd., No. 5DM-401, 5 <sup>th</sup> D Main, 2 <sup>nd</sup> Block, HRBR Layout, Bengaluru – 560 043.
2	Name & Location of the Project	Mixed-Use Development of “Residential Apartment with Club House and Commercial Building” Project at Sy. Nos. 36/2 & 37/1 of Geddalahalli Village, K R Puram Hobli, Bengaluru East Taluk, Bengaluru – 560 043.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential with Club House and Commercial Building Category 8(a) as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	NA
4	New/ <del>Expansion/ Modification/</del> Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	Drain passing along eastern side of the project site boundary
6	Plot Area (Sqm)	12,115.83Sqm
7	Built Up area (Sqm)	57,336.38Sqm
8	FAR • Permissible • Proposed	3.00 2.99
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential : 2BF+GF+9UF and Commercial :+GF+7UF
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	86 nos.
11	Height Clearance	29.95 mtrs (As per CCZM map, the permissible height is 152.18 m AMSL. As per NOC from AAI, the permissible height is 60 m AMSL and the height achieved for our proposed building is 29.95 m)
12	Project Cost (Rs. In Crores)	Rs.123.39 Crores.
13	Disposal of Demolition waster and or Excavated earth	Total Excavated earth quantity –23,286m <sup>3</sup> For Backfilling – 8,804m <sup>3</sup> For Landscaping – 6,138 m <sup>3</sup>

		For Driveway & hardscape – 4,686 m <sup>3</sup> For site formation – 3,658 m <sup>3</sup>
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	3,965.30Sqm
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	4,092.13Sqm
d.	Internal Roads	3,904.64Sqm
e.	Paved area	
f.	Others Specify	Service area – 153.76 Sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
h.	Total	12,115.83Sqm
15	WATER	
I.	Construction Phase	
a.	Source of water	The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.
b.	Quantity of water for Construction in KLD	27 KLD
c.	Quantity of water for Domestic Purpose in KLD	6.75 KLD
d.	Waste water generation in KLD	6.0 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be treated in mobile STP, treated water will be reused for dust suppression/landscaping within the site.
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 92KLD
		Flushing 70KLD
		Total 162KLD
b.	Source of water	BWSSB
c.	Wastewater generation in KLD	146 KLD
d.	STP capacity	60 KLD & 100 KLD
e.	Technology employed for Treatment	Sequential Batch Reactor Technology
f.	Scheme of disposal of excess treated water if any	Excess 34 KLD for construction works /Avenue plantation.
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	50 Cum & 100 Cum
b.	No's of Ground water recharge pits	16 Nos.
17	Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain on western side of the project site.

18	<b>WASTE MANAGEMENT</b>					
	<b>I. Construction Phase</b>					
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	As there is no provision of labour colony, generation of domestic solid waste will be minimum and will be handed over to local vendors Construction debris -29 m <sup>3</sup> This will be reused within the site for road and pavement formation.			
	<b>II. Operational Phase</b>					
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	192kg/day This will be segregated and processed in proposed organic waste converter within the site of capacity 40kg/hr in area of 9.3sqm for residential block and 100kg/day in area of 18.72sqm for commercial block			
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	287kg/day Recyclable wastes will be handed over to authorized waste recyclers			
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 320 L/Annum (0.64 L/ running) hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.			
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.			
19	<b>POWER</b>					
	a.	Total Power Requirement - Operational Phase	2584Kva			
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	320 Kva – 1 No. & 500 kVA – 2 Nos.			
	c.	Details of Fuel used for DG Set	276.57l/hr			
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Cu wound transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts, HF Ballast & HVAC with water cooled chillers etc. The overall energy savings is around 27 %			
20	<b>PARKING</b>					
	a.	Parking Requirement as per norms	548 ECS			
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Towards	Existing	Changed
			Hennur Bagalur main Road	ORR Bagalur	C	C
	c.	Internal Road width (RoW)	26.0 m wideHennur - Bagalur main road			
21	CER Activities		Development of Govt. Lower Primary School, Geddalahalli			
22	EMP		During Construction: Capital Investment – 5.50Lakh Construction – 83.74Lakh			

		During Operation: Capital investment – 91.60Lakh Operation Investment – 19.0 Lakh/annum
--	--	---

The proposal is for construction of Residential and Commercial buildings in an area which is earmarked for residential use as per RMP of BDA 2015, for which Proponent informed that commercial use is permitted as per zoning regulations.

The Committee during appraisal sought details about drains as per village map and provisions being made for harvesting rain water. The Proponent informed the Committee that for the tertiary drain in east, buffer of 15mtr is proposed from center. For rainwater harvesting, Proponent informed the Committee that they had made provisions for tanks of 50cum & 100cum capacity for runoff from rooftop, landscape and paved areas in addition to 16nos recharge pits within the project site area. Further the Committee informed the Proponent to install smart water meter to individual units for conservation of water and to use sustainable building materials in the proposed project, for which the Proponent agreed.

The Proponent agreed to grow 176 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide RWH tank of 50cum & 100cum capacity and 10no's of recharge pits.

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

**295.10 Residential Tower with neighborhood shops & MLCP– “Mahalaxmi Project at Kodialbai Village, Mangalore Taluk, Dakshina Kannada District by M/s. Land Trades Builders and Developers - Online Proposal No.SIA/KA/INFRA2/420698/2023 (SEIAA 60 CON 2023)**

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Name: K. ShrinathHebbar(Authorised Signatory) Address: 'Milestone 25', 5th Floor, Shop No. 14 Door No. 15-5-223/140 &141 Collectors Gate Junction, Balmatta Mangalore Taluka, Dakshina Kannada District

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
2	Name & Location of the Project	Name: Proposed Residential Tower with neighbourhood Shops and MLCP Building - "Mahalaxmi" Location: At TS No. 520/P8, 520/P1, 530-B3 P5, 520/P9, 530/B3 P4, 520 - P1, 530/B3P1, 520/*, 520/P2
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Two towers Tower A - Residential Building with 162 no. of Units and 7 no. of Commercial shops Tower B - Amenities and MLCP 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	One stormwater drain sharing boundary.
6	Plot Area (Sqm)	5,947.58
7	Built Up area (Sqm)	38,413.54
8	FAR • Permissible • Proposed	4.48 4.47
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Block A: Lower Ground Floor + Upper Ground Floor + 33 Floors + Lower Terrace Floor + Upper Terrace Floor Block B: Lower Ground Floor + Upper Ground Floor + 3Floors + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	162 nos.
11	Height Clearance	As per CCZM Mangalore, Permissible: 150.0 m Proposed: 147.9 m
12	Project Cost (Rs. In Crores)	Rs. 39 Cr.
13	Disposal of Demolition waste and or Excavated earth	Excavation of soil will be carried out for foundation work. Top soil will be reused at site landscaping and rest of the soil will be used for refilling and site levelling.
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	2,055.77Sq.m
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	1,339.52Sq.m

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP	
d.	Internal Roads	1,942.76 Sq.m	
e.	Paved area		
f.	Others Specify	541.84Sq.m Civic amenities area 67.69 Sq.m – Area left for road widening	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
h.	Total	5,947.58Sq.m	
15	WATER		
I.	Construction Phase		
a.	Source of water	Open well available at site	
b.	Quantity of water for Construction in KLD	45 KLD	
c.	Quantity of water for Domestic Purposes in KLD	4.5 KLD	
d.	Wastewater generation in KLD	3.6 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Temporary sanitary facilities for construction labours are provided and excess treated water is disposed off in UGD line of MCC.	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	89 KLD
		Recycled	56 KLD
		Total	145 KLD
b.	Source of water	Mangalore Municipal Corporation (MCC)	
c.	Wastewater generation in KLD	115 KLD	
d.	STP capacity	125 kld in an extent of 48 sqm (8 m x 6 m)	
e.	Technology employed for Treatment	SBR Technology	
f.	Scheme of disposal of excess treated water if any	55kld excess treated will be disposed of in UGD line of MCC, available at site.	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	1 Tank of 105 Cu.m capacity	
b.	No's of Ground water recharge pits	5 RWH Structures (4RWH recharge wells+ 1 Sump tank of 10 Cu.m)	
17	Storm water management plan	To avoid the loss of soil during monsoon, major construction activities will be avoided during rainy season. Water accumulated on the soil dump will be locally drained in the perimeter drain using small capacity pumps after particulate settlement. All potential contaminants such as lime, paints, whitewashes, shuttering lining, grease, oil, solvents, etc. will be decanted/ handled on the impervious PCC floor of the construction the warehouse. The warehouse will be closed type with no chance of rainwater meeting the material.	



Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
18	<b>WASTE MANAGEMENT</b>	
I.	<b>Construction Phase</b>	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	<ul style="list-style-type: none"> <li>▪ Domestic Waste (10 kg/day) – Biodegradable waste will be composted and rest shall be sent to MSW site.</li> <li>▪ Demolition and Construction Waste –500 cu.m demolition waste and other Construction waste Shall be segregated and reused within the Project site (Proper facility for storage of construction wastes will be made at Project site).</li> <li>▪ Plastic waste – to be sold to recyclers.</li> </ul>
II.	<b>Operational Phase</b>	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	228 kg/day - After segregation, biodegradable waste shall be composted in an Organic Waste Converter (OWC) of 250kgs capacity in a space of 5.6 m x 2.01 m x 2.1 m. Depending up on the requirement for horticulture, the manure will be used for gardening and excess will be sent to Common MSW Management Facility.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	182 kg/day - Recyclable waste shall be sold to recyclers. Non-biodegradable (46 kg/day) will be sent to Common Solid Waste Management Facility.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Negligible. Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	Negligible. E waste will be stored at a designated place and sold to registered recyclers.
19	<b>POWER</b>	
a.	Total Power Requirement - Operational Phase	6,155 KW from MESCOM
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 DG set of 400 kVA each
c.	Details of Fuel used for DG Set	HSD – 160 l/hr
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	<ul style="list-style-type: none"> <li>▪ Solar panels on the roof tops (Approx. 196 Solar panels generate approx. 64.68kW power).</li> <li>▪ Sound design of buildings for maximum natural ventilation and illumination.</li> <li>▪ Design of building shell to reflect most of the solar insulation.</li> <li>▪ Lighting controllers like dimmer and occupancy sensors.</li> <li>▪ Energy efficient motors and transformers, LEDs</li> <li>▪ 24% of Energy savings</li> <li>▪</li> </ul>

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP																																			
20	PARKING																																				
a.	Parking Requirement as per norms	198 ECS + 60 Two Wheelers																																			
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	E&F																																			
c.	Internal Road width (RoW)	6 mtr																																			
21	CER Activities	Roof top installation of 100kW grid connected solar system for Bharat Sevashram – Shelter for elderly, children and especially abled – (NGO registered in 1965) B C Road, Dakshina Kannada Dist.																																			
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	<p><b>Construction Phase</b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>EMP Aspect</th> <th>Approx. Cost (Rupees in Lakhs)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Barricades/dust barriers all-round the site</td> <td>16.0</td> </tr> <tr> <td>2.</td> <td>Sprinkling of water (non-rainy season)</td> <td>15.0</td> </tr> <tr> <td>3.</td> <td>Labour Management - first aid centre, safety measures, sanitation, amenities (through Construction Contractors)</td> <td>30.0</td> </tr> <tr> <td>4.</td> <td>Environmental Monitoring - Air, Water, Noise</td> <td>4.0</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>65.0</b></td> </tr> </tbody> </table> <p><b>Operation Phase</b></p> <table border="1"> <thead> <tr> <th>Sr. No</th> <th>EMP Aspect</th> <th>Approx. Budgeted Capital cost (Rupees in Lakhs)</th> <th>Approx. Budgeted Operating Cost (Rupees in Lakhs)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>STP and Grey Water Recycling</td> <td>50.00</td> <td>20.0</td> </tr> <tr> <td>2.</td> <td>Greenbelt and other landscape development</td> <td>35.00</td> <td>12.00</td> </tr> <tr> <td>3.</td> <td>Storm water drain and Rainwater Harvesting System</td> <td>120.00</td> <td>10.0</td> </tr> </tbody> </table>		Sr. No.	EMP Aspect	Approx. Cost (Rupees in Lakhs)	1.	Barricades/dust barriers all-round the site	16.0	2.	Sprinkling of water (non-rainy season)	15.0	3.	Labour Management - first aid centre, safety measures, sanitation, amenities (through Construction Contractors)	30.0	4.	Environmental Monitoring - Air, Water, Noise	4.0	<b>Total</b>		<b>65.0</b>	Sr. No	EMP Aspect	Approx. Budgeted Capital cost (Rupees in Lakhs)	Approx. Budgeted Operating Cost (Rupees in Lakhs)	1.	STP and Grey Water Recycling	50.00	20.0	2.	Greenbelt and other landscape development	35.00	12.00	3.	Storm water drain and Rainwater Harvesting System	120.00	10.0
Sr. No.	EMP Aspect	Approx. Cost (Rupees in Lakhs)																																			
1.	Barricades/dust barriers all-round the site	16.0																																			
2.	Sprinkling of water (non-rainy season)	15.0																																			
3.	Labour Management - first aid centre, safety measures, sanitation, amenities (through Construction Contractors)	30.0																																			
4.	Environmental Monitoring - Air, Water, Noise	4.0																																			
<b>Total</b>		<b>65.0</b>																																			
Sr. No	EMP Aspect	Approx. Budgeted Capital cost (Rupees in Lakhs)	Approx. Budgeted Operating Cost (Rupees in Lakhs)																																		
1.	STP and Grey Water Recycling	50.00	20.0																																		
2.	Greenbelt and other landscape development	35.00	12.00																																		
3.	Storm water drain and Rainwater Harvesting System	120.00	10.0																																		

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP			
		4.	Environmental Monitoring	4.0	0.0
		5.	EHS Management Cell	-	4.0
		6.	Solid Waste Management	10.00	2.50
		7.	Energy conservation	38.00	12.00
		8.	CER	58.0	0.0
			<b>Total</b>	<b>315.0</b>	<b>60.5</b>

The proposal is for construction of Residential & Commercial buildings in an area which is earmarked for mixed use (Residential & Commercial) as per Managlore Urban Development Authority.

The Committee during appraisal sought clarification for drain as per survey map and for harvesting rain water in the proposed area. The Proponent informed the Committee that they had proposed buffer of three meters for the drain passing adjacent to site area in West. For harvesting rain water, they have proposed tanks of 105cum & 10cum for runoff from rooftop in addition to 4 recharge pits proposed within the project site area. Further the Committee informed the Proponent to supply the excess treated water to nearby construction projects and to install smart water meter to individual units for conservation of water, for which the Proponent agreed.

The Proponent informed that they would grow 115 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits 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/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

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

1. To provide RWH tank of 105cum & 10cum capacity and 04 recharge pits.

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




**295.11 Residential Apartment and Recreational area Building Project at Kyalasanahalli Village, K.R. Puram Hobli, Bangalore East Taluk, Bangalore by M/s. August Ventures Private Limited - Online Proposal No.SIA/KA/INFRA2/411301/2022 (SEIAA 16 CON 2023)**

The Proponent remained absent with intimation. The Committee decided to defer the appraisal of the project.

**Action: Member Secretary, SEAC to put up before SEAC in the for upcoming meetings**

**295.12 Residential Development Building Project at Dommasandra Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Arsis Developers Pvt. Ltd. - Online Proposal No.SIA/KA/INFRA2/421773/2023 (SEIAA 73 CON 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. K. Peddi Reddy Director M/s. Arsis Developers Pvt Ltd., Office at #52/2B, Besides Purvi Greens Hotel, Battarahalli, Virgo Nagar, Bangalore - 560049
2	Name & Location of the Project	Proposed Residential Development Building by M/s. Arsis Developers Pvt Ltd., at Sy No. 6 & 5/1 of Dommasandra Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Development Building Category 8(a) as per EIA Notification 2006
	b. Residential Township/ Area Development Projects	No
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	YeleMallappaShetty Lake – 0.45 Kms (NW).
6	Plot Area (Sqm)	19,627.09 sq.m
7	Built Up area (Sqm)	1,29,499.93sq.m.
8	FAR • Permissible • Proposed	3.25 3.24
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3 Towers: 3Basement Floor + Stilt Floor + Ground Floor + 40Upper Floors + Terrace Floor
10	Number of units/plots in case of Construction/Residential Township/Area Development	840 Units

Projects			
11	Height Clearance	As per CCZM, Site Elevation in AMSL : 872 Permissible top elevation in AMSL : 1010 Difference in meters : 138 Height proposed : 126.45 m	
12	Project Cost (Rs. In Crores)	Rs. 258.0 Cr.	
13	Disposal of Demolition waster and or Excavated earth	<b>Details</b>	<b>Quantity in m<sup>3</sup></b>
		Quantity of excavated soil	2,19,822.40
		Back filling for footings	1,09,911.20
		Site filling required	14,492.33
		Back filling for retaining wall	87,466.13
		Top soil for Landscaping	3,945.05
		Filling for internal roads	4,007.70
	<b>Total</b>	<b>2,19,822.40</b>	
14	Details of Land Use (Sqm)		
a.	Ground Coverage Area	5,134.76 sq.m	
b.	Kharab Land	--	
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6,476.94 sq.m	
d.	Internal Roads	8,015.39 Sq.m	
e.	Paved area		
f.	Others Specify	--	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
h.	Total	19,627.09 sq.m.	
15	WATER		
I.	Construction Phase		
a.	Source of water	From Nearby treated water suppliers	
b.	Quantity of water for Construction in KLD	50 KLD	
c.	Quantity of water for Domestic Purpose in KLD	10 KLD	
d.	Waste water generation in KLD	8 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the Mobile STP	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	396.9 KLD
		Recycled	189.0KLD
		Total	585.90 KLD
b.	Source of water	Gram Panchayath	
c.	Waste water generation in KLD	556.61 KLD	

	d.	STP capacity	560 KLD
	e.	STP Area	120.9 Sq.m.
	f.	OWC Area	116.4 Sq.m.
	g.	OWC Capacity	8 Tons
	h.	Technology employed for Treatment	SBR Technology
	i.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	277.0 cu.m.
	b.	No's of Ground water recharge pits	19 Nos.
17	Storm water management plan		The storm water from the site will be collected byrainwater harvesting system and will be used forrecharging the ground water
18	WASTE MANAGEMENT		
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours : 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic andInorganic waste. Organic waste will be converted inOrganic convertor. Inorganic solid waste will behanded over to authorized recyclers
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1008.0 kg/day. Biodegradable waste will be converted in organic convertor
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	672.0 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generation will be very less
19	POWER		
	a.	Total Power Requirement - Operational Phase	3500 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 x 1500 kVA + 1 x 500 KVA
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> <li>• Energy saved by using Solar water Heater : 90,000 kWh/ Year.....(a)</li> <li>• Solar Power Generation :</li> <li>• In non-monsoon season 650kWH x 30 x 8 Months = 1,56,000kWH</li> </ul>

		<ul style="list-style-type: none"> <li>In monsoon season 350kWH x 30 x 4 Months = 42,000 kWh</li> <li>Total SPV Power Generation in a year = 1.98L kWh / Annum.....(b)</li> <li>Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.9+ 1.98 L KWH = 2.88 L / Annum .....(c)</li> <li>Total energy savings = 28.18%</li> </ul>											
20	<b>PARKING</b>												
	a. <b>Parking Requirement as per norms</b>	924 ECS											
	b. <b>Level of Service (LOS) of the connecting Roads as per the Traffic Study Report</b>	Dommasandra Main Road –LOS – B											
	c. <b>Internal Road width (RoW)</b>	6.00 m											
21	<b>CER Activities</b>	<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td rowspan="2">Beautification of Yele Mallappa Shetty Lake by Implementing stone pitching Plantation around the lake.</td> </tr> <tr> <td>2nd</td> </tr> <tr> <td>3rd</td> <td>Rain Water Harvesting in GHPS at Dommasandra Village</td> </tr> <tr> <td>4th</td> <td>Providing solar power panels to GHPS at Dommasandra Village</td> </tr> <tr> <td>5th</td> <td>Health camp in GHPS at Dommasandra Village</td> </tr> </tbody> </table>	Year	Corporate Environmental Responsibility (CER)	1st	Beautification of Yele Mallappa Shetty Lake by Implementing stone pitching Plantation around the lake.	2nd	3rd	Rain Water Harvesting in GHPS at Dommasandra Village	4th	Providing solar power panels to GHPS at Dommasandra Village	5th	Health camp in GHPS at Dommasandra Village
Year	Corporate Environmental Responsibility (CER)												
1st	Beautification of Yele Mallappa Shetty Lake by Implementing stone pitching Plantation around the lake.												
2nd													
3rd	Rain Water Harvesting in GHPS at Dommasandra Village												
4th	Providing solar power panels to GHPS at Dommasandra Village												
5th	Health camp in GHPS at Dommasandra Village												
22	<b>EMP</b> <ul style="list-style-type: none"> <li>Construction phase</li> <li>Operation Phase</li> </ul>	<table border="1"> <thead> <tr> <th>Operation Phase</th> <th>Construction Phase</th> </tr> </thead> <tbody> <tr> <td>Recurring Cost Per Annum = 400.33 lakhs Capital Cost = 22.2 lakhs</td> <td>Recurring Cost Per Annum = 47.44 lakhs Capital Cost = 17.19 lakhs</td> </tr> </tbody> </table>	Operation Phase	Construction Phase	Recurring Cost Per Annum = 400.33 lakhs Capital Cost = 22.2 lakhs	Recurring Cost Per Annum = 47.44 lakhs Capital Cost = 17.19 lakhs							
Operation Phase	Construction Phase												
Recurring Cost Per Annum = 400.33 lakhs Capital Cost = 22.2 lakhs	Recurring Cost Per Annum = 47.44 lakhs Capital Cost = 17.19 lakhs												

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

The Committee during appraisal sought details for drains as per village map and provisions made for harvesting rain water. The Proponent informed the Committee that for the primary drain in northeast and secondary drain in west, buffers of 50mtrs and 25mtrs is proposed from center respectively. For harvesting rain water, the Proponent has proposed tank of 277 cum capacity for runoff from rooftop, landscape and paved areas in addition to 19 nos recharge pits within the project area. Further the Committee informed the Proponent to install smart water meter to individual units for conservation of water, to manage excess drainage water within the site area, to use sustainable building materials in the proposed project and provide lead off drain to the nearest natural drain to manage excess runoff water for which the Proponent agreed.

The Proponent informed that they have made provisions to grow 245 trees and to provide charging facility for electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits 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/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

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

1. To provide RWH tank of 277cum capacity and 19number of recharge pits.
2. To provide lead off drains to the nearest natural drain to manage excess runoff water.

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

**295.13 Ordinary Sand Quarry Project at Bannatti Village, Kanakageri Taluk, Koppal District (5-20 Acres) by Sri Amaregouda S/o. Bheemanagouda - Online Proposal No.SIA/KA/MIN/421251/2023 (SEIAA 140 MIN 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP																		
1	Name & Address of the Projects Proponent	Sri Amaregouda S/o. Bheemanagouda																		
2	Name & Location of the Project	Ordinary Sand Quarry Project at Part of Sy. No's 67/1, 67/2, 67/3, 68/1, 69 & 70 in Bannatti Village, Kanakageri Taluk, Koppal District (5-20 Acres)																		
		<table border="1"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>15° 41' 41.52082" N</td> <td>76° 29' 36.88088"E</td> </tr> <tr> <td>15° 41' 38.06707" N</td> <td>76° 29' 40.97749"E</td> </tr> <tr> <td>15° 41' 34.91924" N</td> <td>76° 29' 39.88189"E</td> </tr> <tr> <td>15° 41' 35.21452" N</td> <td>76° 29' 38.68104"E</td> </tr> <tr> <td>15° 41' 33.81515" N</td> <td>76° 29' 38.27871"E</td> </tr> <tr> <td>15° 41' 34.72025" N</td> <td>76° 29' 35.87723"E</td> </tr> <tr> <td>15° 41' 35.71742" N</td> <td>76° 29' 36.07824"E</td> </tr> <tr> <td>15° 41' 37.61586" N</td> <td>76° 29' 35.87579"E</td> </tr> </tbody> </table>	Latitude	Longitude	15° 41' 41.52082" N	76° 29' 36.88088"E	15° 41' 38.06707" N	76° 29' 40.97749"E	15° 41' 34.91924" N	76° 29' 39.88189"E	15° 41' 35.21452" N	76° 29' 38.68104"E	15° 41' 33.81515" N	76° 29' 38.27871"E	15° 41' 34.72025" N	76° 29' 35.87723"E	15° 41' 35.71742" N	76° 29' 36.07824"E	15° 41' 37.61586" N	76° 29' 35.87579"E
Latitude	Longitude																			
15° 41' 41.52082" N	76° 29' 36.88088"E																			
15° 41' 38.06707" N	76° 29' 40.97749"E																			
15° 41' 34.91924" N	76° 29' 39.88189"E																			
15° 41' 35.21452" N	76° 29' 38.68104"E																			
15° 41' 33.81515" N	76° 29' 38.27871"E																			
15° 41' 34.72025" N	76° 29' 35.87723"E																			
15° 41' 35.71742" N	76° 29' 36.07824"E																			
15° 41' 37.61586" N	76° 29' 35.87579"E																			
3	Type Of Mineral	Gonnagara Sand Block																		
4	New / Expansion / Modification / Renewal	New																		
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																		
6	Area in Acres	5-20 Acres																		
7	Annual Production (Metric Ton /	28,720 Tonnes/ Annum (including waste)																		



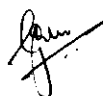
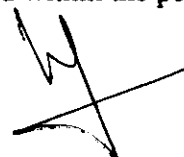
	Cum) Per Annum	
8	Project Cost (Rs. In Crores)	Rs. 0.76 Crores (Rs. 76 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,43,601 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	28,146Tonnes/ Annum (excluding waste)
11	<b>CER Activities:</b> To construct toilet with water facilities in GHPS Bannatti village.	
	Within 1st year	The proponent proposes to distribute 50 nursery plants to each government schools (Planned 6 schools) at Bannatti Village. Rain water harvesting pits to high school at Bannatti Village will be carried out.
12	EMP Budget	Rs. 6.25 lakhs (Capital Cost) & Rs. 10.67 lakhs (Recurring cost)
13	Forest NOC	23.08.2022
14	Quarry plan	02.03.2023
15	Cluster certificate	02.03.2023
16	Revenue NOC	16.08.2022
17	C & I Notification	24.02.2023
18	DTF proceedings.	30.09.2022

The Committee initially sought clarification with respect to the present site details based on the KML submitted by Proponent. The Proponent submitted undertaking on 17.04.2023 and informed the Committee that the broken up land in Sy.No. 67/\*\*/A was utilized for construction of agriculture pond and in the letter dated 22.01.2021 written by Assistant Director of Agriculture to Tahsildar, Kanakagiri, it has been mentioned that the land owner has obtained subsidy for construction of agriculture pond and had constructed agriculture pond to harvest rain water for agriculture purpose. Regarding a court case, Proponent informed that there was a complaint against 24 persons regarding illegal quarrying of sand in JMFC Court, Gangavathi, CC No. 188/2020 and presently there is no stay Order for issuing EC and further informed that it is mentioned in the GO from C&I Department GoK, dated 24.02.2023 for sand quarrying that the Proponent has assured to abide by the final Court Orders. Further the Proponent informed that as no sand mining was carried out by the Proponent, DMG has not imposed any penalty and hence justified that the proposed project does not attract violation. The Committee accepted the clarification and appraised the project.

The proposal is for ordinary sand and as per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the area of the said lease is 5-20 Acres and hence the project is categorized as B2. As per DMG inspection report there is no river sand mining projects in the vicinity of 5km from the proposed lease area.

There is an existing cart track road to a length of 1500 meters connecting lease area to the all-weather black topped road. The Committee informed that the mining operation should be commenced after asphaltting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and to grow trees all along the approach road during the first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 1,43,601 Tons (including waste) and estimated life of the quarry as 5 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for 28,720 Tones/ Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per IRC norms.
2. To implement mine closure plan effectively after mining operation.
3. To grow trees on the banks of halla and all along the approach road during the first year of operation.
4. To abide by the final JMFC Court Orders in CC No. 188/2020.

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

**295.14 Ordinary Sand Quarry Project at Tarivala Village, Ilkal Taluk, Bagalkot District (8-36 Acres) by Sri Nagaraj F Bhajantri - Online Proposal No.SIA/KA/MIN/420378/2023 (SEIAA 116 MIN 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP																														
1	Name & Address of the Projects Proponent	Sri Nagaraj F Bhajantri																														
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy. Nos. 100/1, 100/2, 100/3A, 100/4 & 100/5 of Tarivala Village, Ilkal Taluk, Bagalkot District (8-36 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr><td>N 16° 02' 52.2"</td><td>E 76° 09' 54.9"</td></tr> <tr><td>N 16° 02' 51.8"</td><td>E 76° 09' 57.5"</td></tr> <tr><td>N 16° 02' 51.5"</td><td>E 76° 09' 57.6"</td></tr> <tr><td>N 16° 02' 46.5"</td><td>E 76° 09' 57.0"</td></tr> <tr><td>N 16° 02' 44.4"</td><td>E 76° 09' 55.0"</td></tr> <tr><td>N 16° 02' 43.7"</td><td>E 76° 09' 53.5"</td></tr> <tr><td>N 16° 02' 44.5"</td><td>E 76° 09' 50.2"</td></tr> <tr><td>N 16° 02' 44.8"</td><td>E 76° 09' 50.3"</td></tr> <tr><td>N 16° 02' 45.5"</td><td>E 76° 09' 50.3"</td></tr> <tr><td>N 16° 02' 45.7"</td><td>E 76° 09' 50.4"</td></tr> <tr><td>N 16° 02' 47.2"</td><td>E 76° 09' 51.2"</td></tr> <tr><td>N 16° 02' 48.3"</td><td>E 76° 09' 51.6"</td></tr> <tr><td>N 16° 02' 49.2"</td><td>E 76° 09' 52.3"</td></tr> <tr><td>N 16° 02' 50.3"</td><td>E 76° 09' 53.5"</td></tr> </tbody> </table>	Latitude	Longitude	N 16° 02' 52.2"	E 76° 09' 54.9"	N 16° 02' 51.8"	E 76° 09' 57.5"	N 16° 02' 51.5"	E 76° 09' 57.6"	N 16° 02' 46.5"	E 76° 09' 57.0"	N 16° 02' 44.4"	E 76° 09' 55.0"	N 16° 02' 43.7"	E 76° 09' 53.5"	N 16° 02' 44.5"	E 76° 09' 50.2"	N 16° 02' 44.8"	E 76° 09' 50.3"	N 16° 02' 45.5"	E 76° 09' 50.3"	N 16° 02' 45.7"	E 76° 09' 50.4"	N 16° 02' 47.2"	E 76° 09' 51.2"	N 16° 02' 48.3"	E 76° 09' 51.6"	N 16° 02' 49.2"	E 76° 09' 52.3"	N 16° 02' 50.3"	E 76° 09' 53.5"
Latitude	Longitude																															
N 16° 02' 52.2"	E 76° 09' 54.9"																															
N 16° 02' 51.8"	E 76° 09' 57.5"																															
N 16° 02' 51.5"	E 76° 09' 57.6"																															
N 16° 02' 46.5"	E 76° 09' 57.0"																															
N 16° 02' 44.4"	E 76° 09' 55.0"																															
N 16° 02' 43.7"	E 76° 09' 53.5"																															
N 16° 02' 44.5"	E 76° 09' 50.2"																															
N 16° 02' 44.8"	E 76° 09' 50.3"																															
N 16° 02' 45.5"	E 76° 09' 50.3"																															
N 16° 02' 45.7"	E 76° 09' 50.4"																															
N 16° 02' 47.2"	E 76° 09' 51.2"																															
N 16° 02' 48.3"	E 76° 09' 51.6"																															
N 16° 02' 49.2"	E 76° 09' 52.3"																															
N 16° 02' 50.3"	E 76° 09' 53.5"																															
3	Type Of Mineral	Ordinary Sand Quarry Project																														
4	New / Expansion / Modification / Renewal	New																														
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																														
6	Area in Acres	8-36 Acres																														
7	Annual Production (Metric Ton / Cum) Per Annum	42,450 Tonnes/ Annum (including waste)																														

8	Project Cost (Rs. In Crores)	Rs. 1.37 Crores (Rs. 137 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,27,350 Tonnes (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	42,450 Tonnes/ Annum (including waste)
11	<b>CER Activities:</b>	
	<b>Year</b>	<b>Corporate Environmental Responsibility (CER)</b>
	1 <sup>st</sup>	Providing solar power panels to the GHPS school at Tarivala village.
	2 <sup>nd</sup>	Rain water harvesting pits and Health camp to the GHPS school at
	3 <sup>rd</sup>	Tarivala village.
12	EMP Budget	Rs. 25.11 Lakhs (Capital Cost) & Rs. 9.63 lakhs (Recurring cost)
13	Forest NOC	20.07.2022
14	Quarry plan	16.02.2023
15	Cluster certificate	01.02.2023
16	Revenue NOC	08.07.2022
17	DTF	20.12.2022

The proposal is for ordinary sand and as per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and area of the lease is 8-36 Acres and hence the project is categorized as B2. As per DMG letter dated 07.02.2023 there is no river sand mining projects in the vicinity of 5km from the proposed lease area.

There is an existing cart track road to a length of 323 meters connecting lease area to the all-weather black topped road and the Committee informed that the mining operation should be commenced after asphaltting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and to grow trees all along the approach road during the first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 1,27,350 Tons (including waste) and estimated life of the quarry as 3 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for 42,450 Tonnes/ Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per IRC norms
2. To implement mine closure plan effectively after mining operation
3. To grow trees on the buffers & banks of halla and all along the approach road during the first year of operation.
4. To take necessary environmental protective measures towards halla.

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

**295.15 Building Stone Quarry Project at Kanavi Koravina Koppa Village, Belagavi Taluk & District (6-16 Acres) by Sri Fayaz Abdurashid Ankalgi - Online Proposal No.SIA/KA/MIN/419700/2023 (SEIAA 108 MIN 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP																				
1	Name & Address of the Projects Proponent	Sri Fayaz Abdurashid Ankalgi																				
2	Name & Location of the Project	Building Stone Quarry Project at Sy.Nos.133*/1, 134*/1 & 134*/3 of Kanavi Koravina Koppa Village, Belagavi Taluk & District (6-16 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Longitude</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td>E-74°35' 19.4610"</td> <td>N-15°46' 44.7114"</td> </tr> <tr> <td>E-74°35' 20.7207"</td> <td>N-15°46' 44.3901"</td> </tr> <tr> <td>E-74°35' 20.8319"</td> <td>N-15°46' 44.8605"</td> </tr> <tr> <td>E-74°35' 26.2007"</td> <td>N-15°46' 44.2810"</td> </tr> <tr> <td>E-74°35' 25.7301"</td> <td>N-15°46' 40.1025"</td> </tr> <tr> <td>E-74°35' 23.0317"</td> <td>N-15°46' 40.0207"</td> </tr> <tr> <td>E-74°35' 19.0807"</td> <td>N-15°46' 41.5611"</td> </tr> <tr> <td>E-74°35' 19.2313"</td> <td>N-15°46' 42.4317"</td> </tr> <tr> <td>E-74°35' 18.7622"</td> <td>N-15°46' 42.6432"</td> </tr> </tbody> </table>	Longitude	Latitude	E-74°35' 19.4610"	N-15°46' 44.7114"	E-74°35' 20.7207"	N-15°46' 44.3901"	E-74°35' 20.8319"	N-15°46' 44.8605"	E-74°35' 26.2007"	N-15°46' 44.2810"	E-74°35' 25.7301"	N-15°46' 40.1025"	E-74°35' 23.0317"	N-15°46' 40.0207"	E-74°35' 19.0807"	N-15°46' 41.5611"	E-74°35' 19.2313"	N-15°46' 42.4317"	E-74°35' 18.7622"	N-15°46' 42.6432"
Longitude	Latitude																					
E-74°35' 19.4610"	N-15°46' 44.7114"																					
E-74°35' 20.7207"	N-15°46' 44.3901"																					
E-74°35' 20.8319"	N-15°46' 44.8605"																					
E-74°35' 26.2007"	N-15°46' 44.2810"																					
E-74°35' 25.7301"	N-15°46' 40.1025"																					
E-74°35' 23.0317"	N-15°46' 40.0207"																					
E-74°35' 19.0807"	N-15°46' 41.5611"																					
E-74°35' 19.2313"	N-15°46' 42.4317"																					
E-74°35' 18.7622"	N-15°46' 42.6432"																					
3	Type Of Mineral	Building Stone Quarry																				
4	New / Expansion / Modification / Renewal	New																				
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta																				
6	Area in Acres	6-16 Acres																				
7	Annual Production (Metric Ton / Cum) Per Annum	2,55,257 Tonnes/ Annum (including waste)																				
8	Project Cost (Rs. In Crores)	Rs. 1.00 Crore (Rs. 100 Lakhs)																				
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	18,58,956 Tonnes (including waste)																				
10	Permitted Quantity Per Annum - Cu.m / Ton	2,50,152Tonnes/ Annum (excluding waste)																				
11	<b>CER Activities:</b> <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td>2023-24</td> <td>Afforestation at Govt First grade college, KK Koppa</td> </tr> <tr> <td>2024-25</td> <td>KK Koppa kere catchment area Rejuvenation, 1.00Ha</td> </tr> </tbody> </table>		2023-24	Afforestation at Govt First grade college, KK Koppa	2024-25	KK Koppa kere catchment area Rejuvenation, 1.00Ha																
2023-24	Afforestation at Govt First grade college, KK Koppa																					
2024-25	KK Koppa kere catchment area Rejuvenation, 1.00Ha																					
12	EMP Budget	Rs. 2.10 Lakhs (Capital Cost) & 1.30 Lakhs (Recurring cost)																				
13	Forest NOC	21.07.2022																				
14	Quarry plan	02.01.2023																				
15	Cluster certificate	02.01.2023																				
16	Revenue NOC	24.05.2022																				
17	Notification	08.12.2022																				

As per the cluster sketch there is one lease in a radius of 500 mtr from the said lease and the total area of the leases including the present lease is 8-16 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 990 meters connecting lease area to the all-weather black topped road. The Committee informed that the production should be commenced after asphaltting the approach road to the quarry and the road connecting to the crusher as per IRC standard norms and should grow trees all along the approach road, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 18,58,956 tons (including waste) and estimated life of mine of 8 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 2,55,257tons/Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per IRC norms
2. To grow trees all along the approach road during the first year of operation.
3. Proponent agreed to carry out additional afforestation of five acres in neary by land.

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

**295.16 Building Stone Quarry with Manual Mining Project at Sangapura Village, Gangavathi Taluk, Koppal District (2-20 Acres) by Sri Nagesh S/o. Yallappa - Online Proposal No.SIA/KA/MIN/417154/2023 (SEIAA 110 MIN 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP												
1	Name & Address of the Projects Proponent	Sri Nagesh, S/o Yallappa												
2	Name & Location of the Project	Building Stone Quarry with Manual Mining Project at Part of Sy. No.16/1 in Sangapura Village, Gangavathi Taluk, Koppal District (2-20 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>15° 23' 20.50" N</td> <td>76° 30' 39.60" E</td> </tr> <tr> <td>15° 23' 20.40" N</td> <td>76° 30' 42.30" E</td> </tr> <tr> <td>15° 23' 20.10" N</td> <td>76° 30' 42.30" E</td> </tr> <tr> <td>15° 23' 20.20" N</td> <td>76° 30' 36.50" E</td> </tr> <tr> <td>15° 23' 23.30" N</td> <td>76° 30' 36.10" E</td> </tr> <tr> <td>15° 23' 23.30" N</td> <td>76° 30' 39.60" E</td> </tr> </table>	15° 23' 20.50" N	76° 30' 39.60" E	15° 23' 20.40" N	76° 30' 42.30" E	15° 23' 20.10" N	76° 30' 42.30" E	15° 23' 20.20" N	76° 30' 36.50" E	15° 23' 23.30" N	76° 30' 36.10" E	15° 23' 23.30" N	76° 30' 39.60" E
15° 23' 20.50" N	76° 30' 39.60" E													
15° 23' 20.40" N	76° 30' 42.30" E													
15° 23' 20.10" N	76° 30' 42.30" E													
15° 23' 20.20" N	76° 30' 36.50" E													
15° 23' 23.30" N	76° 30' 36.10" E													
15° 23' 23.30" N	76° 30' 39.60" E													
3	Type Of Mineral	Building Stone Quarry												

4	New / Expansion / Modification / Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Government
6	Area in Acres	2-20 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	10,849 Tones for 3 years and 12,295 Tones for 2 years (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.75 Crores (Rs. 75 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,38,815 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	10,632 Tones/annum for 3 years and 12,049 Tones/annum for 2 years (excluding waste)
11	<b>CER Activities:</b>	
	Within 1st Year	The proponent proposes to distribute 50 nursery plants to each government schools (Planned 6 schools) at Sangapura Village.
12	EMP Budget	Rs.5.4 Lakhs (Capital Cost) & Rs. 5.1 Lakhs (Recurring cost)
13	Forest NOC	08.10.2021
14	Quarry plan	28.11.2022
15	Cluster certificate	16.12.2022
16	Revenue NOC	12.08.2021

The Proponent remained absent without intimation. The Committee decided to defer the appraisal of the project.

**Action:** Member Secretary, SEAC to put up before SEAC in the for upcoming meetings

**295.17 Expansion & Modification of Mixed Used Development Project at Nagawara Village, Kasaba Hobli, Bangalore North Taluk, Bangalore Urban District by M/s. Karle Infra Pvt. Ltd. - Online Proposal No.SIA/KA/MIS/74062/2021 (SEIAA 27 CON 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. Karle Infra Pvt. Ltd., No. 151, Industrial Suburb, Yeshwanthpur, Bangalore – 560022
2	Name & Location of the Project	Expansion & Modification of Mixed Used Development project at Sy No.59/4, 60/1,60/14, 61/1,61/2, 62, 63/1, 63/2, 63/3, 64,65,66,67,68,69, 70/1,70/2, 71, 72, 91/1, 91/2, 91/3, 91/4, 92/1, 92/2, 93/1, 93/2, 93/3, 93/4, 93/5, 93/6, 94/1, 94/2, 94/3, 94/4, 94/5, 94/7, 94/8, 94/9, 94/10, 94/11, 94/12, 94/13, 94/14, 94/16, 94/17, 94/18, 95/1, 95/2, 96/1,96/2, 96/3, 96/4, 96/5, 96/6, 96/7, 98, 99/1,100/1,101/1,101/2,102/1, 102/2 & 104/1 of Nagawara village, Kasaba hobli, Bangalore north taluk, Bangalore

3	Type of Development					
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Mixed used Development Category 8(b) as per EIA Notification 2006			
	b.	Residential Township/ Area Development Projects	NA			
4	New/ Expansion/ Modification/ Renewal		Expansion			
5	Water Bodies/ Nalas in the vicinity of project site		Primary drain in Northern side of the project.			
6	Plot Area (Sqm)		2,51,562.68 sqm			
7	Built Up area (Sqm)		18,02,939.83 sqm			
8	FAR					
		• Permissible	3.25			
		• Propose	3.24			
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]					
	SL No	Building Name	Activity	As per BBMP plan approval & as per earlier EC No. of floors	Expansion & Modification No. of floors	No. of floors
	1	Hub 1 [Building 1]	Office [SEZ]	3B + GF + 11	-	3B + GF + 11
	2	Hub 2 [Building 2]	Office [SEZ]	3B + GF + 11	-	3B + GF + 11
	3	Hub 3	Office [SEZ]	-	5B + GF + 27	5B + GF + 27
	4	Hub 4 [Building 9]	Office [SEZ]	3B + GF + 15	-	3B + GF + 15
	5	Hub 5 [Building 10]	Office [SEZ]	-	5B + GF + 27	5B + GF + 27
	6	Iconic	Office [SEZ]	-	5B + GF + 27	5B + GF + 27
	7	Zenith [Building 4]	Residential (396 flats)	3B + GF + 34	-	3B + GF + 34
	8	Pinnacle [Building 7]	Residential (144 flats)	2B + GF + 36	-	2B + GF + 36
	9	Vario [Building 8]	Residential (400 flats)	4B + GF + 34	-	4B + GF + 34
	10	Theater + Office	Building - 01	3B + GF + 27	1B & (-8)	5B + GF + 19
	12	Hospitality block	Building - 03	3B + GF + 34	1B & (-8)	5B + GF + 26
	11	NW iconic - Hotel + Office space	Building - 02	-	5B + GF + 27	5B + GF + 27
	13	Hypermart + Box mall	Building - 04	-	-	5B + GF + 19
	14	High street	Building - 05 (a)	-	-	5B + GF + 3
	15	High street	Building - 05 (b)	-	-	5B + GF + 2
	16	High street	Building - 05 (c)	-	-	5B + GF + 4
	17	High street	Building - 05 (d)	-	-	5B + GF + 1
	18	High street	Building - 05 (e)	-	-	5B + GF + 5
	19	High street	Building - 05 (f)	-	-	5B + GF + 6
	20	Non SEZ Office (SWMR) [Building 5]		3B + GF + 11	-	3B + GF + 11
	21	Non SEZ Office (NWCM) [Building 11]		-	4B + GF + 27	4B + GF + 27
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects		NA			

11	Height Clearance	NA
12	Project Cost (Rs. In Crores)	Rs. 3,340.0 Cr.
13	Disposal of Demolition waste and or Excavated earth	There is no demolition waste Quantity of Excavated earth – 3,10,000.0 cum For back filling =1,50,000 cum For Landscape =70,000 cum For Internal Road making =90,000 cum
14	Details of Land Use (Sqm)	
a.	Ground Coverage Area	76,065.0 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	76,471.91 Sqm (Podium landscape area – 36,391.72 Sqmt 14.47% & landscape area on earth –40,080.18 Sqmt 15.93%)
d.	Internal Roads	1, 03,410.26 Sqm
e.	Paved area	
f.	Others Specify	surface parking area is about 12,150.0 Sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	2, 39,531.57 sqm.
15	WATER	
I.	Construction Phase	
a.	Source of water	Own 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 2074 KLD Recycled 1785 KLD Total 3860 KLD
b.	Source of water	BWSSB
c.	Wastewater generation in KLD	3281 KLD
d.	STP capacity	300 KLD, 475 KLD, 310 KLD, 475 KLD, 475 KLD, 300 KLD, 125 KLD, 285 KLD, 205 KLD, 80 KLD, 270 KLD
e.	Technology employed for Treatment	SBR
f.	Scheme of disposal of excess treated water if any	Treated sewage will be used for flushing & for gardening & for HVAC
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	155 CUM, 245 CUM, 85 CUM, 85 CUM, 245 CUM, 60 CUM, 35 CUM, 35 CUM, 1635 CUM, 35 CUM, 130 CUM



	b.	No's of Ground water recharge pits	60 nos
17		Storm water management plan	The quantity of storm water produced within the site will be directed to recharge pits of 60 Nos. provided around the periphery of the site. And collected in sump of capacities 180 cum, 530 cum, 387 cum, 927 cum, 730 cum, 216 cum. Pond of capacity 3238 cum
18	<b>WASTE MANAGEMENT</b>		
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to BBMP authorities
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	6,335 kg/day converted in to organic manure and used for garden in 1. OWC of capacity of Hub 01 & 02 - 400kgs/ day 2. SWMR -250kgs/ day 3. Zenith - 400kgs/ day 4. Hub 04 - 380kgs/day
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	9,503 kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	500-600 l given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	350 kg/year given to PCB authorized recycler
19	<b>POWER</b>		
	a.	Total Power Requirement - Operational Phase	50127 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3 x 500 kVA, 2 x 625 kVA, 2 x 750 kVA, 2 x 1000 kVA, 28 x 1500kVA, 7 x 2000kVA, 2 x 2250 kVA
	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 in Commercial – 15.16% Residential – 20.0%
20	<b>PARKING</b>		
	a.	Parking Requirement as per norms	15902 ECS
	b.	Level of Service (LOS) of the	Level of Service (LOS) is B

	connecting Roads as per the Traffic Study Report		
c.	Internal Road width (RoW)	21m, 19m, 16m & 12.30m	
21	CER Activities	Adjacent drain strengthening/protection works and developing landscape in & around the drain. To provide infrastructure facilities to Govt. Schools/Hospitals in the vicinity.	
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	Capital investment	50.0 Lakhs
		During Construction	106.0 Lakhs/annum
		Capital investment	850.0 lakhs
		During operation	250.0 lakhs/annum

The proposal was earlier considered in 290<sup>th</sup> SEAC meeting and the Committee had deferred the project for want of the following namely developmental details proposed phase wire for rain water harvesting structures and STP capacities and a revised rain water harvesting capacity for fifty percent of total annual rainfall in the proposed site area by making provision for ponds / tanks etc.; to comply with the observations made in CCR issued by MoEF&CC; to submit present details of green belt (with photos); conceptual plan clearly indicating existing buildings and proposed expansion; CER activities and social obligations detailed out in physical terms and included as part of EMP.

In the present meeting the Proponent submitted revised details of RWH facilities and informed that for runoff from rooftop areas they have proposed eleven rain water storage tanks of 155 cum, 245 cum, 85 cum, 85 cum, 245 cum, 60 cum, 35 cum, 35 cum, 1635 cum, 35 cum, 130 cum capacities and for runoff from landscape/paved areas six RWH tanks of 180 cum, 530 cum, 387 cum, 927 cum, 730 cum, 216 cum have been proposed along with pond of capacity 3,238 cum in addition to 60 number of recharge pits within the site area. For STP Proponent informed that they had proposed Eleven STP's of 300 KLD, 475 KLD, 310 KLD, 475 KLD, 475 KLD, 300 KLD, 125 KLD, 285 KLD, 205 KLD, 80 KLD, 270 KLD capacities. Proponent submitted revised conceptual plan clearly indicating existing development and proposed expansion with details earmarked for greenbelt development along with photos of present development. For CER Proponent informed that as per the earlier EC conditions they had already carried out various activities such as contribution to NGO/Foundations, greenbelt development in the vicinity of the site, skill development, COVID-19 relief etc. and now informed that they will carry out strengthening/protection works for drain adjacent to project site area and develop landscape in & around the drain and provide infrastructure facilities to Govt. Schools/Hospitals in the vicinity.

The Committee accepted the clarifications and appraised the project.

The Proponent informed the Committee that the proposal is for modification and expansion of mixed use development project, for which SEIAA had issued EC on 04.09.2020 for BUA of 11,00,773.71 Sqm in a plot area of 2,47,238.07 Sqm and it is now proposed for BUA of 18,02,939.83 Sqm in a plot area of 2,51,562.68 Sqm. The Proponent informed that they had obtained CCR from MoEF&CC on 01.12.2022, where in is mentioned that 5 buildings with BUA of about 4,18,838.37 Sqm has been constructed for which O.C from BBMP has been obtained.

The Committee during appraisal sought clarification for water body, drains and foot kharab as per village map. The Proponent informed the Committee that the water body is at a distance of 35mtr from the project boundary and regarding the drain in northern side, which was earlier classified as secondary drain, the drain was re-classified as primary drain, for which a buffer of 50mtrs is proposed from center. The tertiary drains and foot kharab inside the plot area have been regularized by DC, Bangalore as per the Order dated 12.02.2021.

The Proponent informed that they have made provisions to grow of 3145 trees and to provide charging facility for electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits 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/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

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

1. To provide total of seventeen RWH tanks of 155 cum, 245 cum, 85 cum, 85 cum, 245 cum, 60 cum, 35 cum, 35 cum, 1635 cum, 35 cum, 130 cum, 180 cum, 530 cum, 387 cum, 927 cum, 730 cum, 216 cum and pond of capacity 3238 cum and 60 number of recharge pits within the site area.
2. To comply with the observation made in CCR issued by MoEF&CC.
3. To grow plantation in buffer areas.
4. To leave free public access in foot kharab area.

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

**295.18 Development of Sites and Services Scheme at Suryanagar 4th Phase, Swami Vivekananda Layout (Pradhana Mantri Township)" at Konasandra Village Jigani Hobli, Bommandahalli village Jigani Hobli, Kadujakkanhalli Village Jigani Hobli, Indlawadi Village, Kasaba Hobli, Bagganadoddi Village, Kasaba Hobli of Anekal Taluk, Bangalore Urban District by M/s. Karnataka Housing Board - Online Proposal No.SIA/KA/MIS/81509/2021 (SEIAA 119 CON 2021)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. Shambhulingaiah.S Executive Engineer M/s. Karnataka Housing Board (K.H.B), Suryanagar Phase-IV Office, Swamy Vivekananda Yoga University Road, # 52, B.S.R Layout, Konasandra, Jigani Bengaluru - 560105

2	Name & Location of the Project	<p><b>"Development of Sites and Services Scheme at Suryanagar 4<sup>th</sup> Phase, Swami Vivekananda Layout (Pradhana Mantri Township)"</b> by M/s. Karnataka Housing Board at Sy. Nos. 29/1A, 29/1B, 29/2 &amp; others of Konasandra Village, Jigani Hobli, Sy. Nos. 41/1, 41/2, 42/1 &amp; others of Bommandahalli village, Jigani Hobli, Sy. Nos. 1/1, 3/1, 3/2, and Others of Kadujakkanhalli Village, Jigani Hobli, Sy. No. 9/1, 9/2, 10, 11 &amp; Others of Indlawadi Village, Kasaba Hobli, Sy. Nos. 1, 2/1, 2/2, 3/1 &amp; Others of Bagganadoddi Village, Kasaba Hobli of Anekal Taluk Bengaluru Urban Dist.</p>																											
3	Type of Development	Development of sites and services scheme																											
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Development of sites and services scheme																											
b.	Residential Township/ Area Development Projects	<p>The total Plot area will be 7844123.22 Sq.m (1938 Acres 13 Guntas). Out of which, 6066052.03 Sq.m. (1498 Acres &amp; 39 Guntas) will be used for the present proposal, from which a total area of 181 Acres &amp; 11Guntas comprising of kharab land (Kharab A - 49 Acre, 33 Guntas and Kharab B - 44 Acres, 27 Guntas), Land for the new lake, land not in a compact area, the area under litigation and area in Eco-Sensitive Zone has been deducted and the net area considered for the proposed project is 1266 Acres 31 Guntas and 439 Acres &amp; 14 Guntas will be reserved for future development</p> <p>The details of area development are as follows;</p> <table border="1" data-bbox="831 1384 1394 1964"> <thead> <tr> <th>Description</th> <th>Area (Sq.mt)</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>Residential</td> <td>26,16,153.4 4</td> <td>51.03</td> </tr> <tr> <td>Commercial</td> <td>1,45,619.54</td> <td>2.84</td> </tr> <tr> <td>Civic Amenities</td> <td>2,80,307.85</td> <td>5.47</td> </tr> <tr> <td>Parks, Greenery &amp; Playgrounds</td> <td>6,49,367.26</td> <td>12.67</td> </tr> <tr> <td>STRRPA Land Bank</td> <td>2,59,460.68</td> <td>5.06</td> </tr> <tr> <td>Roads</td> <td>11,62,163.7 6</td> <td>22.67</td> </tr> <tr> <td>STRRPA Road Area</td> <td>13,384.01</td> <td>0.26</td> </tr> <tr> <td><b>Total (Part-I)</b></td> <td><b>51,26,456.5 4</b></td> <td><b>100</b></td> </tr> </tbody> </table>	Description	Area (Sq.mt)	%	Residential	26,16,153.4 4	51.03	Commercial	1,45,619.54	2.84	Civic Amenities	2,80,307.85	5.47	Parks, Greenery & Playgrounds	6,49,367.26	12.67	STRRPA Land Bank	2,59,460.68	5.06	Roads	11,62,163.7 6	22.67	STRRPA Road Area	13,384.01	0.26	<b>Total (Part-I)</b>	<b>51,26,456.5 4</b>	<b>100</b>
Description	Area (Sq.mt)	%																											
Residential	26,16,153.4 4	51.03																											
Commercial	1,45,619.54	2.84																											
Civic Amenities	2,80,307.85	5.47																											
Parks, Greenery & Playgrounds	6,49,367.26	12.67																											
STRRPA Land Bank	2,59,460.68	5.06																											
Roads	11,62,163.7 6	22.67																											
STRRPA Road Area	13,384.01	0.26																											
<b>Total (Part-I)</b>	<b>51,26,456.5 4</b>	<b>100</b>																											

		Future Development Land Extent (Part-II)	17,77,986.3 5		
		Total (Part-I&II)	69,04,442.8 9		
4	New/ Expansion/ Modification/ Renewal	New			
5	Water Bodies/ Nalas in the vicinity of project site	<ul style="list-style-type: none"> <li>• Hosakere - Within the project Site in Bommandahalli Village.</li> <li>• Bagganadoddi Lake - Within the project Site in Bagganadoddi Village.</li> <li>• NosenuruGollahalllake - located all along the boundary of proposed project site.</li> <li>• Konasandra Lake - Within the Periphery of the proposed project site</li> <li>• Lake near Konasandra - Outside the proposed project site at 0.02 kms(NE)</li> <li>• Hennagara Lake - Located at a distance of 3.03 Km, NE of the proposed project site.</li> <li>• Vaderamanahanahalli Lake - Located at a distance of 0.70 Km, North</li> <li>• Jigani lake - Located at a distance of 3.59 Km, North of the proposed project site.</li> <li>• Nesenoru Lake - Located at a distance of 1.68 Km, East of the proposed project site.</li> <li>• Ragihalli Lake - Located at a distance of 3.67 Km, SW of the proposed project site.</li> <li>• Mariapura Lake - Located at a distance of 9.03 Km, NW of the proposed project site.</li> <li>• Hebbagodi Lake - Located at a distance of 8.77 Km, NE of the proposed project site.</li> <li>• Chandrapura Lake - Located at a distance of 8.62 Km, NE of the proposed project site.</li> <li>• Muninagar Dam - Located at a distance of 7.04 Km, West of the proposed project site.</li> <li>• KS Agrahara Lake - Located at a distance of 5.30 Km, Southeast of the proposed project site.</li> <li>• Kubaranahalli Lake - Located at a distance of 1.88 Km, NE of the proposed project site.</li> </ul> <p>Also, as per the village map there is a primary Nala and three secondary Nalas passing within the project site from Northeast to Southwest, a buffer of 9 m from the edge of the Nalas on either sides are left as per Local Planning Authority. Also, few tertiary Nalas are identified within the project site, for which the natural drainage pattern will be maintained and</p>			

		a buffer of 9 m are maintained as per Local Planning Authority. Also a mother drain will be constructed to connect the Nala.																																													
6	Plot Area (Sqm)	Total Plot area will be 7844123.22 Sq.m (1938 Acres 13 Guntas). Out of which, 6066052.03 Sq.m. (1498 Acres & 39 Guntas) will be used for present proposal, from which a total area of 181 Acres & 11Guntas comprising of kharab land (Kharab A - 49 Acre, 33 Guntas and Kharab B - 44 Acres, 27 Guntas), Land for new lake, land not in compact area, area under litigation and area in Eco-Sensitive Zone has been deducted and the net area considered for the proposed project is 1266 Acres 31 Guntas and 439 Acres & 14 Guntas will be reserved for future development.																																													
7	Built Up area (Sqm)	Not applicable																																													
8	FAR <ul style="list-style-type: none"> <li>• Permissible</li> <li>• Proposed</li> </ul>	Not applicable																																													
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Not applicable																																													
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	<p>The total number of plots 22,061 Nos.</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Type</th> <th>Plot Size</th> <th>No. of Plots</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>EWS</td> <td>6.0 X 9.0</td> <td>2978</td> <td>17.73</td> </tr> <tr> <td>2</td> <td>LIG</td> <td>9.0 X12.0</td> <td>4489</td> <td>26.73</td> </tr> <tr> <td>3</td> <td>MIG</td> <td>9.0 X 15.0</td> <td>6823</td> <td>40.63</td> </tr> <tr> <td>4</td> <td>HIG-1</td> <td>12.0 X 18.0</td> <td>2125</td> <td>12.65</td> </tr> <tr> <td>5</td> <td>HIG-2</td> <td>15.0 X 24.0</td> <td>378</td> <td>2.25</td> </tr> <tr> <td colspan="3">Sub Total (part-I)</td> <td>16,79</td> <td>100.00</td> </tr> <tr> <td colspan="3">Future Development Sub Total (Part-II)</td> <td>5,268</td> <td></td> </tr> <tr> <td colspan="3">Total (Part- I&amp;II)</td> <td>22,06</td> <td></td> </tr> </tbody> </table>	Sl. No.	Type	Plot Size	No. of Plots	Percentage	1	EWS	6.0 X 9.0	2978	17.73	2	LIG	9.0 X12.0	4489	26.73	3	MIG	9.0 X 15.0	6823	40.63	4	HIG-1	12.0 X 18.0	2125	12.65	5	HIG-2	15.0 X 24.0	378	2.25	Sub Total (part-I)			16,79	100.00	Future Development Sub Total (Part-II)			5,268		Total (Part- I&II)			22,06	
Sl. No.	Type	Plot Size	No. of Plots	Percentage																																											
1	EWS	6.0 X 9.0	2978	17.73																																											
2	LIG	9.0 X12.0	4489	26.73																																											
3	MIG	9.0 X 15.0	6823	40.63																																											
4	HIG-1	12.0 X 18.0	2125	12.65																																											
5	HIG-2	15.0 X 24.0	378	2.25																																											
Sub Total (part-I)			16,79	100.00																																											
Future Development Sub Total (Part-II)			5,268																																												
Total (Part- I&II)			22,06																																												
11	Height Clearance	Not applicable																																													
12	Project Cost (Rs. In Crores)	Rs 3,355.00 Crores (Development Cost)																																													

13	Disposal of Demolition waster and or Excavated earth	The total quantity of Excavated earth (in cubic meter) – 1,25,71,145.00 Cum		
		Sl. No.	Item	Quantity (Cum)
		1	The total estimated earth work quantity	1,25,71,145.00
		2	Back filling to be done between foundations	12,57,114.50
		3	For roads and walkways	20,06,557.72
		4	Site formation	38,75,120.34
5	Landscaping	54,32,352.44		
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	69,04,442.89 Sq.m		
b.	Kharab Land	99 Acres 20 Guntas		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	20,18,960.79 Sq. m.		
d.	Internal Roads	11,62,163.76 Sq. m.		
e.	Paved area			
f.	Others Specify	Residential - 26,16,153.44 Sqm Commercial - 1,45,619.54 Sqm Civic Amenities - 2,80,307.85 Sqm & STRRPA land bank - 2,59,460.68 Sqm Future Development - 17,77,986.35 Sqm		
g.	Parks and Open space in case of Residential Township/ Area Development Projects	6,49,367.26 Sqm		
h.	Total	69,04,442.89 Sqm		
15	WATER			
I.	Construction Phase			
a.	Source of water	Water Tankers		
b.	Quantity of water for Construction in KLD	50		
c.	Quantity of water for Domestic Purpose in KLD	22.5		
d.	Waste water generation in KLD	20.25		
e.	Treatment facility proposed and scheme of disposal of treated water	Waste water will be treated in Mobile STP & water will be used for dust suppression.		
II.	Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	16800	
		Recycled	9800	
		Total	28000	
b.	Source of water	Bangalore Water Supply and Sewerage Board (BWSSB)		
c.	Waste water generation in KLD	25000		
d.	STP capacity	27 MLD ( Three STP's of 20 MLD, 5 MLD & 2 MLD) in total area of 29,877.175Sqm		

e.	Technology employed for Treatment	Sequencing Batch Reactor (SBR) Technology
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	The Rain water harvested will be collected at three locations and will be stored in Ground Level Reservoir of capacity combined together 100 Lakh litres capacity
b.	No's of Ground water recharge pits	350 Nos. It is constructed generally 2.6m wide and 3m deep.
17	Storm water management plan	3,747.60 KLD of Rain water harvesting for ground water recharge has been proposed. The Rain water harvested will be collected at three locations and will be stored in Ground Level Reservoir of capacity combined together 100 Lakh litres capacity.
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Total No. of labours = 300 nos. (considering @ 0.25 Kg /day /person) Solid waste generation= 200X 0.25 = 75 Kgs/day.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	The organic waste of 33.73 MT/day and inorganic waste of 23.03 MT/day will be generated from residential and commercial units. Solid waste management will be ensured through installation of 100 TPD waste to energy plant in area of 8124Sqm
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Hazardous Waste: 80 L/Ai.e., Used Oil from DG Sets will be stored in leak proof sealed barrels at an identified place and will be given to KSPCB authorized reprocessors.
d.	Quantity of E waste generation and mode of Disposal as per norms	E waste of 100 Kg/A will be generated and will be Handed Over to KSPCB authorized Reprocessors.
19	POWER	
a.	Total Power Requirement -Operational Phase	The Connected load for the project during the operational phase is 95.27MW.
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 x 250 KVA DG sets during operation phase
c.	Details of Fuel used for DG Set	HSD with low Sulphur content
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	About 11.48% of energy will be conserved by harnessing Solar energy
20	PARKING	
a.	Parking Requirement as per norms	15,911 Nos.
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	A & C



c.	Internal Road width (RoW)	Minimum road width for Public and semi-Public areas planned 12 mts& 18 Mts.
21	CER Activities Proposed	25,00,00,000/- has been earmarked for CER activities such as, Hospital/PHU upgradation, Government schools upgradation in Bagganadoddi and Mysorammandoddi, Rejuvenation of 5 lakes: Pitching, beautification, etc., UGD and Water supply to Indlawadi, Bagganadoddi and Kadujakkanhalli and Construction of New Office building for Indlawadi Gram Panchayathi
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	Construction Capital Cost : 690 Lakhs Operation Capital Cost : 9,310 Lakhs Operation Recurring Cost : 305 Lakhs

The proposal was earlier considered in 285<sup>th</sup> SEAC meeting and the Committee deferred the project as the Committee had noted that the proposed project is at a close proximity to ESZ area of BNP and discussed the possibility of elephant movement in the project area and informed the Proponent to obtain wildlife conversion / mitigation plan from Forest dept. with respect to the proposed project location and informed the Proponent to obtain distance certificate from the Forest Dept. with reference to ESZ of BNP and to submit revised conceptual plan demarcating the area of the proposed project boundary with reference to the area left out for ESZ of BNP.

In the present meeting the Proponent informed the Committee that they have obtained approved Wildlife Management Plan from Deputy Conservator of Forest, Bannerghatta National Park (BNP), Bengaluru and Rs. 150 lakhs has been earmarked for the implementation of Man-Animal Conflict mitigation measures and have revised the conceptual plan leaving areas falling in ESZ of Bannerghatta National Park. Further as per the revised conceptual plan, Proponent has obtained distance certificate from Deputy Conservator of Forest, Bannerghatta National Park, Bangalore, wherein the aerial distance between the boundary of Bannerghatta Wild Life Range and Anekal Wild Life Range and the project site after providing buffer for ESZ area of 56 Acres 33 Guntas is 1302 and 1012 meters respectively. Accordingly, as per revised conceptual plan Proponent informed that, the total land area as per 6(1) Notification is 1498 Acres 39 Gunta, Deduction of A and B Kharab is 99 Acres 20 Guntas, Deduct acquired land for Bommandahalli new lake (Kadujakkanahali village area (10 Acres 16 Guntas + (1 Acre – 5 Guntas Kharab)) is 11 Acres 21 Guntas, Land not in the compact area is 10 Acres 35 Guntas, STRRPA road area is 05 Acres 10 Guntas, land under Eco sensitive zone / Adjoining area is 56 Acres 33 Guntas, Deduction of court cases is 48 Acres 10 Guntas, Total Deduction ( 2 to 7) is 232 Acres 08 Guntas and Net Area considered for Development is 1266 Acres 31 Guntas.

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

The Proponent informed the Committee that the proposal is an area development project for sites and services by Karnataka Housing Board. SEIAA had issued ToR on 11.04.2022.

The Committee during appraisal sought details absent water body, drains, cart track road as per village map, provisions for harvesting rain water in the proposed area, waste handling details and details of ESZ area. The Proponent informed the Committee that the area is proposed to be developed based as per KHB Act 1974 and informed that 5 water bodies and a buffer of 30mtr from edge has been proposed, 01 primary drain for which 30mtr buffer from edge is proposed, 03 numbers of secondary drain for which a buffer of 9mtr from edge is proposed and 25 tertiary drains for which a buffer of 3mtrs from edge is proposed in the project area

For rain water harvesting, the Proponent informed that they have made provisions to harvest runoff water in three locations and to be stored in Ground Level Reservoir with combined capacity of 100 Lakh litres along with 350 Nos. of recharge pits within the site area. For green belt development plan the Proponent informed that, about 35% (18,66,445.52 Sq.m.) of the total project site is reserved for development of greenery and parks and greenbelt development plan would be implemented in areas reserved for parks and along the internal roads and nala buffer by growing 66,656 trees. The Proponent informed that as the proposed project is about to generate awaste of total of 56.76 MT/day (organic waste of 33.73 MT/day and inorganic waste of 23.03 MT/day) during operational phase, Proponent has proposed for solid waste management by installation of 100TPD capacity waste to energy plant in the site area.

The Proponent has collected baseline data of air, water, soil and informed which are all within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits 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/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

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

1. To provide Ground Level Reservoir with combined capacity of 100 Lakh litres and 350 Nos. of recharge pits
2. Proponent agreed to rejuvenate the waterbodies abutting the project site and use as rainwater harvesting structure
3. To carry out additional plantation in waterbody/drain buffer zone.
4. To implement approved Wildlife Management Plan.
5. There shall be no development in the area of 56 Acres 33 Guntas demarcated as Eco sensitive zone.

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



**295.19 Building Stone Quarry Project at Alhal Village, Shorapur Taluk, Yadgir District (5-20 Acres) by Sri Shantagouda S. Patil - Online Proposal No.SIA/KA/MIN/283362/2022 (SEIAA 326 MIN 2022)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP										
1	Name & Address of the Projects Proponent	Sri Shantagouda S. Patil										
2	Name & Location of the Project	Building Stone Quarry Project at Sy. No. 45/*/4 of Alhal Village, Shorapur Taluk, Yadgir District (5-20 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N16°37'50.2"</td> <td>E 76°27'02.4"</td> </tr> <tr> <td>N16°37'50.3"</td> <td>E 76°26'59.9"</td> </tr> <tr> <td>N16°37'41.4"</td> <td>E 76°26'58.0"</td> </tr> <tr> <td>N16°37'40.7"</td> <td>E 76°27'00.6"</td> </tr> </tbody> </table>	Latitude	Longitude	N16°37'50.2"	E 76°27'02.4"	N16°37'50.3"	E 76°26'59.9"	N16°37'41.4"	E 76°26'58.0"	N16°37'40.7"	E 76°27'00.6"
Latitude	Longitude											
N16°37'50.2"	E 76°27'02.4"											
N16°37'50.3"	E 76°26'59.9"											
N16°37'41.4"	E 76°26'58.0"											
N16°37'40.7"	E 76°27'00.6"											
3	Type Of Mineral	Building Stone Quarry										
4	New / Expansion / Modification / Renewal	New										
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta										
6	Area in Acres	5-20 Acres										
7	Annual Production (Metric Ton / Cum) Per Annum	2,05,140 Tones/ Annum (including waste)										
8	Project Cost (Rs. In Crores)	Rs. 0.50 Crores (Rs. 50 Lakhs)										
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	13,09,740 Tones (including waste)										
10	Permitted Quantity Per Annum - Cu.m / Ton	2,05,140 Tones/ Annum (including waste)										
11	<b>CER Activities:</b> Propose take up 500 No. of additional plantation on either side of the approach road from quarry location to Alhal Village Road											
12	EMP Budget	Rs.22.55 Lakhs (Capital Cost) &6.11 Lakhs (Recurring cost)										
13	Forest NOC	30.08.2021										
14	Quarry plan	04.07.2022										
15	Cluster certificate	04.07.2022										
16	Revenue NOC	21.08.2021										
17	Notification	15.06.2022										

The proposal was earlier considered in 285<sup>th</sup> SEAC meeting and the Committee had recommended the proposal to SEAIAA for issue of EC. The Committee in its 285<sup>th</sup> SEAC meeting as per the cluster sketch had deliberated the following,

*“In the present meeting, as per the cluster sketch there are 06 leases including the present lease within 500 meter radius from this lease out of which 02 leases are exempted from cluster as the EC was granted prior to 15.01.2016 and the total area of the 02 leases including the present lease is 12-08 Acres and hence the project is categorized as B2. Notified area of 02 leases with lease area 2-10 A and 14-17 A respectively, should be applied under B1 category when applied for EC”*

The SEIAA in its 225<sup>th</sup> meeting had referred the proposal back to SEAC for reappraisal informing the following,

*“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 239 MIN2021 (2-10 Acres) which was already recommended during the 223<sup>d</sup> SEIAA meeting held on 6<sup>th</sup> September 2022 and EC was issued on 26.09.2022”*

In the 287<sup>th</sup> SEAC meeting, the Committee had deferred the appraisal as,

*“the Proponent requested some time to obtain clarification from DMG for the cluster”.*

In the present meeting the Proponent remained absent without intimation. The Committee decided to defer the appraisal of the project.

**Action: Member Secretary, SEAC to put up before SEAC in the for upcoming meetings**

**295.20 Expansion of Uti Gold Mine Project at Sy. Nos. 16, 17, 18fl, 24, 26, 27, 28, 40, 41, 42, 43fl, 2, 44 & 19, 20, 21, 22, 23, 69 of Uti Village, Devadurga Taluk, Raichur District (47-96 Ha) by M/s. The Hutti Gold Mines Company Ltd. - Online Proposal No.SIA/KA/MIN/400776/2022 (SEIAA 62 MIN 2023)**

This project was earlier considered in 291<sup>st</sup> SEAC meeting and the Committee had deferred the appraisal as the Proponent informed the Committee that they had applied for regularization of existing EC for Gold Mine in lease area of 47.96Ha, which was issued on 17.11.2004 by MoEF as per 1994 EIA Notification and had applied to consider under MoEF&CC Notification dated 06.04.2018. The Committee informed the Proponent to verify the applicability of the Notification issued by MoEF&CC dated 06.04.2018 for the said project.

In the present meeting the Proponent informed the Committee that in order to carry out sustainable mining, they had decided to amalgamate two leases with ML no. 2126 having EC as per EIA Notification 1994 and another lease with ML no. 2668 having EC as per EIA Notification 2006 and informed that the lease with ML 2126 is having deemed extension for mining up to 12.06.2041. Further, the proponent informed that they had obtained Corrigendum to EC from MoEF on 02.03.2009, for mining to a depth of 90m BGL and as per the provision of MoEF&CC Notification dated 06.04.2018, where there would be two categories of cases related to mining projects under EIA Notification, 1994 namely:-



(a) Mining projects, which were granted environmental clearance under EIA Notification 1994 and also granted environmental clearance for expansion / modernization / amendment under EIA Notification 2006.

(b) Mining projects, which were granted environmental clearance under EIA Notification 1994 and but not obtained environmental clearance for expansion / modernization / amendment under the EIA Notification 2006.

The proponent requested the committee to considered the proposed project as category (a), mentioned in MoEF&CC Notification dated: 06.04.2018.

The Committee after discussion decided to defer the project and informed the Proponent to submit the letter dated 15.12.2008 mentioned in Corrigendum dated 02.03.2009 and to relook into the applicability of the Notification issued by MoEF&CC dated 06.04.2018 for the said project.

**Action: Member Secretary, SEAC to put up before SEAC after submission of information sought**

**295.21 Residential Tower with civic amenities Project at Boloor Village, Mangalore Taluk, Dakshina Kannada District by M/s. Lotus Properties - Online Proposal No.SIA/KA/INFRA2/422596/2023 (SEIAA 81 CON 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Name: Mr. Sampath Kumar Shetty (Partner) Address: #305, 3rd Floor, Kushe Sadan, Near PVS Junction, K.R Rao Road, Kodialbail, Mangalore Taluk, Dakshina Kannada District
2	Name & Location of the Project	Name: Proposed Residential Tower with civic amenities "LOTUS ADELAIDE" Location: At R.Sy. No. 57/5(P) and 57/5(P7)
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential units with basic civic amenities 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	NA
6	Plot Area (Sqm)	2,791.65Sqm
7	Built Up area (Sqm)	22,094.69Sqm

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
8	FAR <ul style="list-style-type: none"> <li>• Permissible</li> <li>• Proposed</li> </ul>	5.80(considering Premium+TDR+Amalgamation FAR) 5.79
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Single Tower : 2 Basements + Ground Floor + 40 Floors
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	62 nos.
11	Height Clearance	As per CCZM Mangalore, Proposed Height: 144.74 mtr Permissible Height: 165.32 mtr AAI NoC Dated 12.04.2023
12	Project Cost (Rs. In Crores)	Rs. 37.02 Cr.
13	Disposal of Demolition waste and or Excavated earth	Excavation of soil will be carried out for foundation work. Top soil will be reused at site landscaping and rest of the soil will be used for refilling and site levelling. No major earthwork due to natural slope
14	Details of Land Use (Sq.m)	
a.	Ground Coverage Area	312.97Sq.m
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedules of the EIA notification, 2006	900Sq.m
d.	Internal Roads	1,570.26Sq.m
e.	Paved area	
f.	Others Specify	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	2,791.65Sq.m
15	WATER	
I.	Construction Phase	
a.	Source of water	Open well available at site
b.	Quantity of water for Construction in KLD	45 KLD
c.	Quantity of water for Domestic Purposes in KLD	4.5 KLD
d.	Wastewater generation in KLD	3.6 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Temporary sanitary facilities for construction labours will be provided. Wastewater will be disposed off in the UGD line of MCC.
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 35 KLD

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
		Recycled 23 KLD Total 58 KLD
b.	Source of water	Mangalore Municipal Corporation (MCC)
c.	Wastewater generation in KLD	43 KLD
d.	STP capacity	50 KLD in an extent of 17.5 sqm (5 m x 3.5 m)
e.	Technology employed for Treatment	SBR Technology
f.	Scheme of disposal of excess treated water if any	19kld excess treated will be disposed of in UGD line of MCC, available at site.
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	2 Tanks (50 Cu.m + 60 Cu.m) of 110 Cu.m capacity
b.	No's of Ground water recharge pits	2 RWH Structures
17	Storm water management plan	To avoid the loss of soil during monsoon, major construction activities will be avoided during rainy season. All potential contaminants such as lime, paints, whitewashes, shuttering lining, grease, oil, solvents, etc. will be decanted/ handled on the impervious PCC floor of the construction the warehouse. The warehouse will be closed type with no chance of rainwater meeting the material.
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	<ul style="list-style-type: none"> <li>▪ Domestic Waste(10 kg/day) – Biodegradable waste will be composted and mobile STP</li> <li>▪ Demolition and Construction Waste – Approx. 200 cu.m C&amp;D waste shall be segregated and reused within the Project site to the extent possible and the rest will be sold to recyclers (Proper facility for storage of construction wastes will be made at Project site).</li> <li>▪ Plastic waste – to be sold to recyclers.</li> </ul>
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	83 kg/day - After segregation, biodegradable waste shall be composted in an Organic Waste Converter (OWC) of 100 kgs capacity in a space of 3.8 m x 1.82 m x 1.75 m. Depending up on the requirement for horticulture, the manure will be used for gardening and excess will be sent to Common MSW Management Facility.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	66 kg/day - Recyclable waste shall be sold to recyclers. Non-biodegradable (17 kg/day) will be sent to Common Solid Waste

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP															
		Management Facility.															
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Negligible. Used oil from the DG sumps (occasional) shall be sold to registered waste oil recyclers.															
d.	Quantity of E waste generation and mode of Disposal as per norms	Negligible. E waste will be stored at a designated place and sold to registered recyclers.															
19	<b>POWER</b>																
a.	Total Power Requirement -Operational Phase	2,500 KW from MESCOM															
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 DG set of 500 kVA each															
c.	Details of Fuel used for DG Set	HSD – 200 l/hr															
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy and compliance to Karnataka ECBC guidelines	<ul style="list-style-type: none"> <li>▪ Solar panels on the roof tops (Solar power generation: Approx. 125kW power).</li> <li>▪ Sound design of buildings for maximum natural ventilation, illumination and insolation.</li> <li>▪ Lighting controllers like dimmer and occupancy sensors are also proposed to conserve energy during non-occupancy.</li> <li>▪ Use of energy efficient motors and transformers and lights</li> <li>▪ 23% of Energy savings due to energy saving measures</li> </ul>															
20	<b>PARKING</b>																
a.	Parking Requirement as per norms	102 ECS + 25 Two Wheelers															
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	C&D															
c.	Internal Road width (RoW)	12 m															
21	CER Activities	<ul style="list-style-type: none"> <li>• School Building construction and amenities for Saanidhya Residential School &amp; Training Centre for the Mentally Challenged</li> <li>• Installation of 20KW solar PVs on Karnataka Polytechnic College Kadri.</li> </ul>															
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> </ul>	<table border="1"> <thead> <tr> <th colspan="3">Construction Phase</th> </tr> <tr> <th>Sr. No</th> <th>EMP Aspect</th> <th>Approx. Cost (Rupees in Lakhs)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Barricades/dust barriers all-round the site</td> <td>11.0</td> </tr> <tr> <td>2.</td> <td>Sprinkling of water (non-rainy season)</td> <td>12.0</td> </tr> <tr> <td>3.</td> <td>Labour Management - first</td> <td>25.0</td> </tr> </tbody> </table>	Construction Phase			Sr. No	EMP Aspect	Approx. Cost (Rupees in Lakhs)	1.	Barricades/dust barriers all-round the site	11.0	2.	Sprinkling of water (non-rainy season)	12.0	3.	Labour Management - first	25.0
Construction Phase																	
Sr. No	EMP Aspect	Approx. Cost (Rupees in Lakhs)															
1.	Barricades/dust barriers all-round the site	11.0															
2.	Sprinkling of water (non-rainy season)	12.0															
3.	Labour Management - first	25.0															



Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP	
		aid centre, safety measures, sanitation, amenities (through Construction Contractors)	
	• Operation Phase	4. Environmental Monitoring - Air, Water, Noise	4.0
		<b>Total</b>	<b>52.0</b>
		<b>Operation Phase</b>	
		<b>Sr. No.</b>	<b>EMP Aspect</b>
		<b>Approx. Budgeted Capital cost (In Lakh Rupees)</b>	<b>Approx. Budgeted Operating Cost (In Lakh Rupees)</b>
		1. STP and Grey Water Recycling	22.0
		2. Greenbelt and other landscape development	15.0
		3. Storm water drain and Rainwater Harvesting System	60.0
		4. EHS Management Cell	-
		5. Solid Waste Management	-
		6. Energy conservation	28.0
		7. Environment management	82.0
		8. CER	37.0
		<b>Total</b>	<b>244.0</b>
			<b>54.0</b>

The proposal is for construction of Residential building in an area which is earmarked for mixed use (Residential & Commercial) as per Managlore Urban Development Authority.

The Committee during appraisal sought provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that they for harvesting rain water, they have proposed tanks of 50cum & 60cum for runoff from rooftop in addition to 01no recharge pit proposed within the project site area. Further the Committee informed the Proponent to supply

the excess treated water to nearby by construction projects and to install smart water meter to individual units for conservation of water, for which the Proponent agreed.

The Proponent informed to grow 50 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits 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/setbacks as per zoning regulations and harvest maximum rainwater in the proposed project area.

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

1. To provide RWH tank of 50cum & 60cum capacity and 01 number of recharge pit.

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

**295.22 Building Stone Quarry Project at Kajjari Village, Ranebennur Taluk, Haveri District (1-00 Acre) by Smt. Parvathi F. Balannanavar - Online Proposal No.SIA/KA/MIN/422720/2023 (SEIAA 165 MIN 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP														
1	Name & Address of the Projects Proponent	Smt. Parvathi F. Balannanavar														
2	Name & Location of the Project	Building Stone Quarry Project at In Sy. Nos. 43/5 & 43/7 of Kajjari Village, Ranebennur Taluk, Haveri District (1-00 Acre) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 14° 41' 13.84"</td> <td>E 75° 34' 9.75"</td> </tr> <tr> <td>N 14° 41' 17.09"</td> <td>E 75° 34' 9.79"</td> </tr> <tr> <td>N 14° 41' 17.08"</td> <td>E 75° 34' 10.41"</td> </tr> <tr> <td>N 14° 41' 15.95"</td> <td>E 75° 34' 10.45"</td> </tr> <tr> <td>N 14° 41' 15.16"</td> <td>E 75° 34' 11.33"</td> </tr> <tr> <td>N 14° 41' 12.84"</td> <td>E 75° 34' 11.29"</td> </tr> </tbody> </table>	Latitude	Longitude	N 14° 41' 13.84"	E 75° 34' 9.75"	N 14° 41' 17.09"	E 75° 34' 9.79"	N 14° 41' 17.08"	E 75° 34' 10.41"	N 14° 41' 15.95"	E 75° 34' 10.45"	N 14° 41' 15.16"	E 75° 34' 11.33"	N 14° 41' 12.84"	E 75° 34' 11.29"
Latitude	Longitude															
N 14° 41' 13.84"	E 75° 34' 9.75"															
N 14° 41' 17.09"	E 75° 34' 9.79"															
N 14° 41' 17.08"	E 75° 34' 10.41"															
N 14° 41' 15.95"	E 75° 34' 10.45"															
N 14° 41' 15.16"	E 75° 34' 11.33"															
N 14° 41' 12.84"	E 75° 34' 11.29"															
3	Type Of Mineral	Building Stone Quarry														
4	New / Expansion / Modification / Renewal	New														
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta														
6	Area in Acres	1-00 Acre														
7	Annual Production (Metric Ton / Cum) Per Annum	26,316 Tones/ Annum (including waste)														
8	Project Cost (Rs. In Crores)	Rs. 1.04 Crores (Rs. 104 Lakhs)														
9	Proved Quantity of mine/ Quarry-Cu.m / Ton	3,84,248 Tones (including waste)														

10	Permitted Quantity Per Annum - Cu.m / Ton	25,000Tones/ Annum (excluding waste)
11	<b>CER Activities:</b>	
	<b>Year</b>	<b>Corporate Environmental Responsibility (CER)</b>
	1st	Providing solar power panels to common public places to the GHPS school at Kajjari Village.
	2nd	Scientific support and awareness to local farmers to increase yield of crop and fodder
	3rd	Rain water harvesting pits to the GHPS school at Kajjari Village.
	4th	Conducting E-waste drive campaigns at Kajjari village.
	5th	Health camp in GHPS school at Kajjari Village.
12	EMP Budget	Rs. 24.00 Lakhs (Capital Cost) & Rs. 6.23 Lakhs (Recurring cost)
13	Forest NOC	07.01.2023
14	Quarry plan	14.03.2023
15	Cluster certificate	18.03.2023
16	Revenue NOC	31.12.2022
17	Notification	04.03.2023

The Committee initially sought clarification for the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that no mining activities has been carried out from 2011 as per the google timeline images and informed that the proposed project does not attract violation. The Committee accepted the clarification and appraised the project.

As per the cluster sketch there are four leases in a radius of 500 mtr from the said lease and total area of the leases including the present lease is 5-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 362 meters connecting lease area to the all-weather black topped road. The Committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry and the road leading to the crusher as per standard IRC norms & should grow trees all along the approach road during the first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 3,84,248 Tonnes (including waste) and estimated life of mine of 15 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 26,316 Tonnes/ Annum (including waste), with following consideration,

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

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

**295.23 Building Stone Quarry Project Kajjari Village, Ranebennur Taluk, Haveri District (1-00 Acre) by Sri Veerabasappa R.Totad - Online Proposal No.SIA/KA/MIN/422730/2023 (SEIAA 166 MIN 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP												
1	Name & Address of the Projects Proponent	Sri Veerabasappa R.Totad												
2	Name & Location of the Project	Building Stone Quarry Project at In Sy. No. 43/1 of Kajjari Village, Ranebennur Taluk, Haveri District (1-00 Acre) <table border="1"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 14° 41' 15.63"</td> <td>E 75° 34' 07.17"</td> </tr> <tr> <td>N 14° 41' 17.10"</td> <td>E 75° 34' 07.08"</td> </tr> <tr> <td>N 14° 41' 17.05"</td> <td>E 75° 34' 09.14"</td> </tr> <tr> <td>N 14° 41' 14.26"</td> <td>E 75° 34' 09.26"</td> </tr> </tbody> </table>	Latitude	Longitude	N 14° 41' 15.63"	E 75° 34' 07.17"	N 14° 41' 17.10"	E 75° 34' 07.08"	N 14° 41' 17.05"	E 75° 34' 09.14"	N 14° 41' 14.26"	E 75° 34' 09.26"		
Latitude	Longitude													
N 14° 41' 15.63"	E 75° 34' 07.17"													
N 14° 41' 17.10"	E 75° 34' 07.08"													
N 14° 41' 17.05"	E 75° 34' 09.14"													
N 14° 41' 14.26"	E 75° 34' 09.26"													
3	Type Of Mineral	Building Stone Quarry												
4	New / Expansion / Modification / Renewal	New												
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta												
6	Area in Acres	1-00 Acre												
7	Annual Production (Metric Ton / Cum) Per Annum	26,316 Tones/ Annum (including waste)												
8	Project Cost (Rs. In Crores)	Rs.1.02 Crores (Rs. 102 Lakhs)												
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,40,986 Tones (including waste)												
10	Permitted Quantity Per Annum - Cu.m / Ton	25,000 Tones/ Annum (excluding waste)												
11	<b>CER Activities:</b>	<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to common public places to the GHPS school at Kajjari Village.</td> </tr> <tr> <td>2nd</td> <td>Scientific support and awareness to local farmers to increase yield of crop and fodder</td> </tr> <tr> <td>3rd</td> <td>Rain water harvesting pits to the GHPS school at Kajjari Village.</td> </tr> <tr> <td>4th</td> <td>Conducting E-waste drive campaigns at Kajjari village.</td> </tr> <tr> <td>5th</td> <td>Health camp in GHPS school at Kajjari Village.</td> </tr> </tbody> </table>	Year	Corporate Environmental Responsibility (CER)	1st	Providing solar power panels to common public places to the GHPS school at Kajjari Village.	2nd	Scientific support and awareness to local farmers to increase yield of crop and fodder	3rd	Rain water harvesting pits to the GHPS school at Kajjari Village.	4th	Conducting E-waste drive campaigns at Kajjari village.	5th	Health camp in GHPS school at Kajjari Village.
Year	Corporate Environmental Responsibility (CER)													
1st	Providing solar power panels to common public places to the GHPS school at Kajjari Village.													
2nd	Scientific support and awareness to local farmers to increase yield of crop and fodder													
3rd	Rain water harvesting pits to the GHPS school at Kajjari Village.													
4th	Conducting E-waste drive campaigns at Kajjari village.													
5th	Health camp in GHPS school at Kajjari Village.													
12	EMP Budget	Rs. 22.82 lakhs (Capital Cost) & Rs. 6.21 lakhs (Recurring cost)												
13	Forest NOC	07.01.2023												
14	Quarry plan	14.03.2023												
15	Cluster certificate	18.03.2023												
16	Revenue NOC	31.12.2022												
17	Notification	04.03.2023												

The Committee initially sought clarification for the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that only trial pit was dug to check the availability of building stone and as per google timeline images no mining activities had been carried out after 2012 and hence informed that the proposed project does not attract violation. The Committee accepted the clarification and appraised the project.

As per the cluster sketch there are four leases in a radius of 500 mtr from the said lease and total area of the leases including the present lease is 5-00 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 362 meters connecting lease area to the all-weather black topped road. The Committee informed that the quarrying operation should be commenced after asphaltting the approach road to the quarry and the road leading to the crusher as per standard IRC norms & should grow trees all along the approach road during the first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 3,40,986 Tonnes (including waste) and estimated life of mine of 13 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 26,316 Tonnes/ Annum (including waste), with following consideration,

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

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

**295.24 Ordinary Sand Quarry Project at Cholachagudda Village, Badami Hobli & Taluk, Bagalkot District (6-10 Acres) by Sri Ranganagouda P. Goudar - Online Proposal No.SIA/KA/MIN/422357/2023 (SEIAA 158 MIN 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Ranganagouda P. Goudar
2	Name & Location of the Project	Ordinary Sand Quarry Project at Sy. Nos. 12/3, 12/4 & 12/5 of Cholachagudda Village, Badami Hobli & Taluk, Bagalkot District (6-10 Acres)

		Latitude	Longitude
		N 15° 52' 05.62610"	E 75° 43' 29.00619"
		N 15° 52' 06.15168"	E 75° 43' 31.15204"
		N 15° 52' 03.94551"	E 75° 43' 33.80132"
		N 15° 52' 03.44100"	E 75° 43' 34.78199"
		N 15° 51' 59.28276"	E 75° 43' 35.01759"
		N 15° 51' 59.29149"	E 75° 43' 31.77434"
		N 15° 52' 01.63533"	E 75° 43' 31.83368"
		N 15° 52' 01.95499"	E 75° 43' 29.05762"
3	Type Of Mineral	Ordinary Sand Quarry Project	
4	New / Expansion / Modification / Renewal	New	
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta	
6	Area in Acres	6-10 Acres	
7	Annual Production (Metric Ton / Cum) Per Annum	27,864 Tonnes/ Annum (including waste)	
8	Project Cost (Rs. In Crores)	Rs. 1.38 Crores (Rs. 138 Lakhs)	
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	83,592 Tonnes (including waste)	
10	Permitted Quantity Per Annum - Cu.m / Ton	27,864 Tonnes/ Annum (including waste)	
11	<b>CER Activities:</b>		
	<b>Year</b>	<b>Corporate Environmental Responsibility (CER)</b>	
	1 <sup>st</sup>	The proponent proposes to distribute nursery plants at Cholachagudda village	
	2 <sup>nd</sup>	Rain water harvesting pits to GLPS at Cholachagudda village	
	3 <sup>rd</sup>	Solar Power Panels in GLPS school at Cholachagudda village	
12	EMP Budget	Rs. 50.58 Lakhs (Capital Cost) & Rs. 6.71 lakhs (Recurring cost)	
13	Forest NOC	06.04.2022	
14	Quarry plan	10.03.2023	
15	Cluster certificate	09.03.2023	
16	Revenue NOC	22.02.2022	
17	DTF	22.09.2022	
18	JIR	07.02.2023	

The proposal is for ordinary sand and as per the cluster sketch there are two leases having total extent of 24-29 Acres in a radius of 500 mtr from the said lease which have expired and the area of the applied lease is 6-10 Acres and hence the project is categorized as B2. As per DMG letter dated 07.02.2023 there is no river sand mining projects in the vicinity of 5km from the proposed lease area.

There is an existing cart track road to a length of 710 meters connecting lease area to the all-weather black topped road. The Committee informed that the mining operation should be commenced after asphaltting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and to grow trees all along the approach road during the first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 83,592Tons (including waste) and estimated life of the quarry of 3 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for 27,864 Tonnes/ Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per IRC norms
2. To implement mine closure plan effectively after mining operation
3. To grow trees on the buffers & banks of halla and all along the approach road during the first year of operation.

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

**295.25 Sports Stadium Complex Project at Rayanala Village, Hubli Taluk, Dharwad District by M/s.Hubballi Dharwad Smart City Limited - Online Proposal No.SIA/KA/INFRA2/402850/2022 (SEIAA 137 CON 2022)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	The Managing Director, Hubballi Dharwad Smart City Limited, HDMC Samskrutika Bhavan, Upper Ground Floor, New Cotton Market Road, behind North Traffic Police Station, opp to Total Gas Station, Hubballi – 580029.
2	Name & Location of the Project	Sports Stadium Complex, Hubballi, Sy. No. 88, Rayanala, Chabbi, Dharwad District.
3	Type of Development	Construction of Sports complex
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	NA
	b. Residential Township/ Area Development Projects	59,111.46 Sqm of total plot area 32,286.07 Sqm is Builtup area Block-A: B+G+1, Block-B: B+G+1, Block-C: G+3 Block-D: G+2, Block-E: B+G+2
4	New/ Expansion/ Modification/ Renewal	New

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP															
5	Water Bodies/ Nalas in the vicinity of project site	Rayanal lake at a distance of 1 km Chinnadakere – 2.5km															
6	Plot Area (Sqm)	59,111.46 Sqm															
7	Built Up area (Sqm)	32,286.07 Sqm															
8	FAR Permissible Proposed	2.25 0.4															
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Block-A: B+G+1, Block-B: B+G+1, Block-C: G+3, Block-D: G+2 and Block-E: B+G+2															
10	Number of units/plots in case of Construction /Residential Township/Area Development Projects	Not applicable															
11	Height Clearance	Not applicable															
12	Project Cost (Rs. In Crores)	Rs 172 Crores															
13	Disposal of Demolition waster and or Excavated earth	The total quantity of Excavated earth (in cubic meter) – 56301.80Cum															
		<table border="1"> <thead> <tr> <th>Sl N</th> <th>Item</th> <th>Quantity (Cum)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quantity of excavated soil – Sports field, Football, Hockey, Volleyball, Tennis &amp;Khokho&amp; Service yard; Buildings- A&amp;D, D&amp;C South, B&amp;C North, Pools, E &amp; Diving Pool.</td> <td>56301.80 (52%)</td> </tr> <tr> <td>2</td> <td>Back filling for Sports field, Buildings, Pavers &amp; Roads</td> <td>51181.67 (48%)</td> </tr> <tr> <td>3</td> <td>Top soil for Landscaping</td> <td>17733.44</td> </tr> <tr> <td>4</td> <td>Filling for internal roads</td> <td>1638.60</td> </tr> </tbody> </table>	Sl N	Item	Quantity (Cum)	1	Quantity of excavated soil – Sports field, Football, Hockey, Volleyball, Tennis &Khokho& Service yard; Buildings- A&D, D&C South, B&C North, Pools, E & Diving Pool.	56301.80 (52%)	2	Back filling for Sports field, Buildings, Pavers & Roads	51181.67 (48%)	3	Top soil for Landscaping	17733.44	4	Filling for internal roads	1638.60
		Sl N	Item	Quantity (Cum)													
		1	Quantity of excavated soil – Sports field, Football, Hockey, Volleyball, Tennis &Khokho& Service yard; Buildings- A&D, D&C South, B&C North, Pools, E & Diving Pool.	56301.80 (52%)													
		2	Back filling for Sports field, Buildings, Pavers & Roads	51181.67 (48%)													
3	Top soil for Landscaping	17733.44															
4	Filling for internal roads	1638.60															
14	Details of Land Use (Sqm)																
	a. Ground Coverage Area	32,286.07 Sqm															
	b. Kharab Land	Nil															
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	19506.7 Sqm															
	d. Internal Roads	5,320.03 Sqm															
	e. Paved area																
	f. Others Specify	--															



Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
	g. Parks and Open space in case of Residential Township/ Area Development Projects	19506.78 Sqm
	h. Total	59111.46Sqm
15	<b>WATER</b>	
	<b>I. Construction Phase</b>	
	a. Source of water	KUWS&DB
	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	Waste water will be treated in Mobile STP of 10 KLD&water will be used for dust suppression.
	<b>II. Operational Phase</b>	
	a. Total Requirement of Water in KLD	Fresh 50 KLD
		Recycled 50 KLD
		Total 100 KLD
	b. Source of water	KUWS&DB
	c. Waste water generation in KLD	80 KLD
	d. STP capacity	80 KLD
	e. Technology employed for Treatment	Sequencing Batch Reactor (SBR) Technology
	f. Scheme of disposal of excess treated water if any	-
16	<b>Infrastructure for Rain water harvesting</b>	
	a. Capacity of sump tank to store Roof run off	300 Cum
	b. No's of Ground water recharge pits	40nos
17	Storm water management plan	40 Nos. of Recharge pits will be provided to recharge the Ground water.
18	<b>WASTE MANAGEMENT</b>	
	<b>I. Construction Phase</b>	
	a. Quantity of Solid waste generation and mode of Disposal as per norms	40 Kg/day will be handed over to Hubli Municipal Corporation
	<b>II. Operational Phase</b>	
	a. Quantity of Biodegradable waste generation and mode of Disposal as per norms	Organic waste 799 kg/day to be processed in organic waste converter.
	b. Quantity of Non-Biodegradable waste generation and mode of	Inorganic 533 kg/day, handed over to authorized recyclers.

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
	Disposal as per norms	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used Oil from Diesel Generators- 10 Lts per Annum will be stored in leak proof barrels and handed over to KSPCB authorized recyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	20 Kgs/ Annum E-waste will be collected in E-waste KIOSK and handed over to Authorized e-waste recyclers.
19	<b>POWER</b>	
a.	Total Power Requirement - Operational Phase	942 KW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3 X 400 KVA
c.	Details of Fuel used for DG Set	HSD with low sulphur content
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar energy will be utilized for lighting of common areas and 25.38% energy will be conserved
20	<b>PARKING</b>	
a.	Parking Requirement as per norms	235 ECS and Addition provisions of 6000Sqm area is earmarked for parking.
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS : C
c.	Internal Road width (RoW)	Minimum road width for Public and semi-Public areas planned 12 mts& 18 Mts.
21	CER Activities	Govt. of Karnataka
22	EMP Construction phase Operation Phase	Construction Capital Cost : 35,35,118.42 /- Operation Capital Cost : 3,89,51,000/- Operation Recurring Cost : 54,34,000/-

The proposal was earlier considered in 290<sup>th</sup> SEAC meeting and the Committee had deferred the project as the Committee noted that the Proponent in the presentation had not incorporated details of source of water and hydrological studies, water balance chart(during rainy and during non rainy seasons), details of rain water harvesting in order to minimize dependency on fresh water, types of waste generated and its handling (considering wastes generated from proposed hostel, PHC etc.), capacity of STP against total water requirements and its technology, provisions for ozone technology for proposed swimming pool,details of power requirement and quantity of total power requirement met through solar energy (including compliance to ECBC conditions) and land use pattern with details of proposed green belt and baseline data reports.

In the present meeting the Proponent informed the Committee that the source of water is from Karnataka Urban Water Supply & Drainage Board(KUWS&DB) and as per water balance chart, informed that during non rainy seasons for the total water requirement of 100KLD, fresh water of 50KLD would be supplied from KUWS&DB, remaining 50KLD from proposed STP(80KLD

capacity) treated water and during rainy seasons, fresh water requirement of 20KLD would be supplied from KUWS&DB, 30KLD from RWH and 50KLD from proposed STP(80KLD capacity) treated water. For harvesting rain water, Proponent informed that runoff from rooftop would be collected in tank of 300cum capacity and runoff from road/paved areas would be collected in an additional tank of 300cum capacity and runoff from landscape/garden area would be used to recharge ground water through 40no of recharge pits within the site area. Regarding waste generated, Proponent informed that 799kg/day of Organic waste would be processed in OWC and 533kg/day of Inorganic waste would be handed over to KSPCB authorized recyclers. To provide Ozone technology in proposed swimming pools Proponent has made provision for Rs. 2.0Cr for implementation of Ozonator, which would be considered at the time of commission of the project. The Proponent informed about areas proposed for different components as per land use pattern and explained that an area of 19,506.7Sq m has been earmarked for greenbelt development on natural earth and have made provisions to grow 761 trees. The Proponent has collected baseline data of air, water, soil and noise and informed that all are within the permissible limits.

The Committee noted the clarification given by the Proponent and for the longevity & sustainability of the project the Committee informed the Proponent to revise the water requirement calculation, based on the treated water supply during operation phase so as to minimize the dependency on KUWS&DB in order to be self-sustainable. Accordingly, the Committee after discussion decided to defer the appraisal.

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

**295.26 Residential Apartment Building Project at Hoodi Village, K R Puram Hobli, Bangalore East Taluk, Bangalore by M/s. Balaji Builders - Online Proposal No.SIA/KA/INFRA2/413821/2023 (SEIAA 10 CON 2023)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. K. Chennappa Naidu Managing Partner M/s. Balaji Builders Office at Room No. 502, Site No. 40, Swetha Kancharla Grand, 2 <sup>nd</sup> Cross, Sri Satya Sai Baba Layout, K. R. Puram, Bengaluru - 560036
2	Name & Location of the Project	Residential Apartment Building by M/s. Balaji Builders at BBMP Khatha No. 2825, Sy No. 99/3, 100, 103/1, Hoodi Village, K R Puram Hobli, Bangalore East Taluk, Bangalore, Ward No. 54.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other	Residential Apartment Building Category 8(a) as per EIA Notification 2006.
	b. Residential Township/ Area	No

	Development Projects																	
4	New/ Expansion/ Modification/ Renewal	New																
5	Water Bodies/ Nalas in the vicinity of project site	Sadaramangala Lake – 0.21 Kms (E) Tertiary nala is there for which 15m buffer is left																
6	Plot Area (Sqm)	7,082.54 sq.m.																
7	Built Up area (Sqm)	20,908.70 sq.m																
8	FAR <ul style="list-style-type: none"> <li>• Permissible</li> <li>• Proposed</li> </ul>	2.5 2.22																
9	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	1 Block : Basement Floor + Ground Floor + 4 Upper Floors + Terrace Floor																
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	170 Units																
11	Height Clearance	As per CCZM, Site Elevation in AMSL : 875.5 Permissible top elevation in AMSL : 955 Difference in meters : 79.5 Height proposed : 11.96 m																
12	Project Cost (Rs. In Crores)	Rs. 40.0 Cr.																
13	Disposal of Demolition waster and or Excavated earth	<table border="1"> <thead> <tr> <th>Details</th> <th>Quantity in m<sup>3</sup></th> </tr> </thead> <tbody> <tr> <td>Quantity of excavated soil</td> <td>31,813.67</td> </tr> <tr> <td>Back filling for footings</td> <td>15,906.84</td> </tr> <tr> <td>Site filling required</td> <td>3,831.41</td> </tr> <tr> <td>Back filling for retaining wall</td> <td>9,904.75</td> </tr> <tr> <td>Top soil for Landscaping</td> <td>1,423.59</td> </tr> <tr> <td>Filling for internal roads</td> <td>747.09</td> </tr> <tr> <td>Total</td> <td>31,813.67</td> </tr> </tbody> </table>	Details	Quantity in m <sup>3</sup>	Quantity of excavated soil	31,813.67	Back filling for footings	15,906.84	Site filling required	3,831.41	Back filling for retaining wall	9,904.75	Top soil for Landscaping	1,423.59	Filling for internal roads	747.09	Total	31,813.67
Details		Quantity in m <sup>3</sup>																
Quantity of excavated soil		31,813.67																
Back filling for footings		15,906.84																
Site filling required		3,831.41																
Back filling for retaining wall		9,904.75																
Top soil for Landscaping		1,423.59																
Filling for internal roads		747.09																
Total	31,813.67																	
14	Details of Land Use (Sqm)																	
	a.	Ground Coverage Area	3,251.13 sq.m															
	b.	Kharab Land	--															
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,337.24 sq.m															
	d.	Internal Roads	1,494.17 sq.m															
	e.	Paved area																
	f.	Others Specify																
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA															
	h.	Total	7,082.54sq.m.															
15	WATER																	

I.	<b>Construction Phase</b>	
a.	Source of water	From Nearby treated water suppliers
b.	Quantity of water for Construction in KLD	50 KLD
c.	Quantity of water for Domestic Purpose in KLD	10 KLD
d.	Waste water generation in KLD	8 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the Mobile STP
II.	<b>Operational Phase</b>	
a.	Total Requirement of Water in KLD	Fresh 35.46 KLD
		Recycled 38.25 + 44.87 KLD
		Total 118.58 KLD
b.	Source of water	BWSSB
c.	Waste water generation in KLD	112.65 KLD
d.	STP capacity	135 KLD
e.	STP Area	16.68Sq.m
f.	OWC Area	14.07Sq.m
g.	OWC Capacity	5 Tons
h.	Technology employed for Treatment	SBR Technology
i.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis
16	<b>Infrastructure for Rain water harvesting</b>	
a.	Capacity of sump tank to store Roof run off	176.0 cu.m.
	No's of Ground water recharge pits	7 Nos.
17	Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water
18	<b>WASTE MANAGEMENT</b>	
I.	<b>Construction Phase</b>	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and Inorganic waste. Organic waste will be converted in Organic convertor. Inorganic solid waste will be handed over to authorized recyclers
II.	<b>Operational Phase</b>	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	204.0 kg/day. Biodegradable waste will be converted in organic convertor
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	136.0 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil

	d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generated to be handed over to authorized agencies.												
19	<b>POWER</b>														
	a.	Total Power Requirement - Operational Phase	750 kVA												
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 x 750 kVA												
	c.	Details of Fuel used for DG Set	HSD												
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> <li>• Energy saved by using Solar water Heater : 50,000 kWh/ Year.....(a)</li> <li>• Solar Power Generation :</li> <li>• In non-monsoon season 100kWh x 30 x 8 Months = 24,000kWh</li> <li>• In monsoon season 50kWh x 30 x 4 Months = 6,000 kWh</li> <li>• Total SPV Power Generation in a year = 0.3 L kWh / Annum.....(b)</li> <li>• Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.5+ 0.3 L kWh = 0.8 L / Annum .....(c)</li> <li>• Total energy savings = 36.52%</li> </ul>												
20	<b>PARKING</b>														
	a.	Parking Requirement as per norms	161 ECS												
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	HoodiKodigehalli Road --LOS – B												
	c.	Internal Road width (RoW)	5.00 m												
21	CER Activities		<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Beautification of Sadaramangala Lake by</td> </tr> <tr> <td>2nd</td> <td>✓ installation of benches or seating areas ✓ implementation of solar lightings</td> </tr> <tr> <td>3rd</td> <td>Rain Water Harvesting in GHPS at Hoodi Village</td> </tr> <tr> <td>4th</td> <td>Providing solar power panels to GHPS at Hoodi Village</td> </tr> <tr> <td>5th</td> <td>Health camp in GHPS at Hoodi Village</td> </tr> </tbody> </table>	Year	Corporate Environmental Responsibility (CER)	1st	Beautification of Sadaramangala Lake by	2nd	✓ installation of benches or seating areas ✓ implementation of solar lightings	3rd	Rain Water Harvesting in GHPS at Hoodi Village	4th	Providing solar power panels to GHPS at Hoodi Village	5th	Health camp in GHPS at Hoodi Village
Year	Corporate Environmental Responsibility (CER)														
1st	Beautification of Sadaramangala Lake by														
2nd	✓ installation of benches or seating areas ✓ implementation of solar lightings														
3rd	Rain Water Harvesting in GHPS at Hoodi Village														
4th	Providing solar power panels to GHPS at Hoodi Village														
5th	Health camp in GHPS at Hoodi Village														
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>		EMP (Construction & Operation) <table border="1"> <thead> <tr> <th>Operation Phase</th> <th>Construction Phase</th> </tr> </thead> <tbody> <tr> <td>Recurring Cost Per Annum = 137.75lakhs</td> <td>Recurring Cost Per Annum = 39.98 lakhs</td> </tr> <tr> <td>Capital Cost = 17.46 lakhs</td> <td>Capital Cost = 25.20 lakhs</td> </tr> </tbody> </table>	Operation Phase	Construction Phase	Recurring Cost Per Annum = 137.75lakhs	Recurring Cost Per Annum = 39.98 lakhs	Capital Cost = 17.46 lakhs	Capital Cost = 25.20 lakhs						
Operation Phase	Construction Phase														
Recurring Cost Per Annum = 137.75lakhs	Recurring Cost Per Annum = 39.98 lakhs														
Capital Cost = 17.46 lakhs	Capital Cost = 25.20 lakhs														

The proposal was earlier taken up in the 293<sup>rd</sup> SEAC meeting and the Committee deferred the appraisal as the Committee noted that the conceptual plan provided was without leaving suitable buffer as per the load for the HT line in North as demarcated in RMP of BDA and the representative for the Proponent who attended the meeting did not have an authorization letter.

In the present meeting the Proponent informed the Committee that for the area demarcated in North as per CDP for proposed HT line, the buffer provided falls within the buffer area provided for rerouted tertiary drain i.e 15mtr from the center of tertiary drain and justified that sufficient buffer has been provided so that the building line does not interfere with the buffer area of the proposed HT line.

The Committee accepted the clarification and appraised the project.

The Proponent informed the Committee that the proposal is for construction of residential building project in an area earmarked for residential use as per RMP of BDA.

The Committee during appraisal sought clarification about the drain and foot kharab as per village map and provisions made for harvesting rain water. The Proponent informed the Committee that the tertiary drain and foot kharab has been rerouted to the project boundary as per the DC Order dated 16.06.2022 and buffer of 15mtrs from the center has been provided for the rerouted drain in northern side. For harvesting rain water, the Proponent informed the Committee that they have proposed a tank of 176 cum for runoff from rooftop and an additional tank of 72cum capacity for runoff from landscape and paved areas in addition to 7 nos recharge pits within the project site area. Further the Committee informed the Proponent to maintain proper gradient for the rerouted drain, to prevent stagnation of drainage water and to use sustainable building materials in the proposed project for which the Proponent agreed.

The Proponent informed that they have made provisions to grow 88 trees and to provide charging facility for electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

1. To provide RWH tank of 176cum & 72cum capacity and 07 number of recharge pits.
2. To maintain proper gradient for the rerouted drain
3. To leave free public access in foot kharab area.

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



**295.27 Ordinary Sand Mining Project at Hemavadagi Village, Ilkal Taluk, Bagalkot District (7-36 Acres) by M/s. Basava Minerals - Online Proposal No.SIA/KA/MIN/418364/2023 (SEIAA 85 MIN 2023)**

**About the project:-**

SL. NO.	PARTICULARS	INFORMATION SUBMITTED BY P.P.														
1	Name & Address of the Projects Proponent	M/s. Basava Minerals														
2	Name & Location of the Project	Ordinary Sand Mining Project at Sy. No. 37/2 & 37/3 of Hemavadagi Village, Ilkal Taluk, Bagalkot District (7-36 Acres) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 16° 05' 12.2"</td> <td>E 76° 10' 57.8"</td> </tr> <tr> <td>N 16° 05' 16.9"</td> <td>E 76° 10' 58.2"</td> </tr> <tr> <td>N 16° 05' 17.5"</td> <td>E 76° 10' 59.2"</td> </tr> <tr> <td>N 16° 05' 18.6"</td> <td>E 76° 11' 03.1"</td> </tr> <tr> <td>N 16° 05' 17.0"</td> <td>E 76° 11' 04.3"</td> </tr> <tr> <td>N 16° 05' 12.2"</td> <td>E 76° 11' 04.0"</td> </tr> </tbody> </table>	Latitude	Longitude	N 16° 05' 12.2"	E 76° 10' 57.8"	N 16° 05' 16.9"	E 76° 10' 58.2"	N 16° 05' 17.5"	E 76° 10' 59.2"	N 16° 05' 18.6"	E 76° 11' 03.1"	N 16° 05' 17.0"	E 76° 11' 04.3"	N 16° 05' 12.2"	E 76° 11' 04.0"
Latitude	Longitude															
N 16° 05' 12.2"	E 76° 10' 57.8"															
N 16° 05' 16.9"	E 76° 10' 58.2"															
N 16° 05' 17.5"	E 76° 10' 59.2"															
N 16° 05' 18.6"	E 76° 11' 03.1"															
N 16° 05' 17.0"	E 76° 11' 04.3"															
N 16° 05' 12.2"	E 76° 11' 04.0"															
3	Type Of Mineral	Ordinary Sand Mining														
4	New / Expansion / Modification / Renewal	New														
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta														
6	Area in Acres	7-36 Acres														
7	Annual Production (Metric Ton / Cum) Per Annum	45,973.6 Tons /year (including waste)														
8	Project Cost (Rs. In Crores)	Rs. 1.57 Crores (Rs. 157 Lakhs)														
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,37,921 Tons(including waste)														
10	Permitted Quantity Per Annum - Cu.m / Ton	45,973.6 Tons /year (including waste)														
11	<b>CER Activities:</b> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to the GHPS of Hemavadagi Village</td> </tr> <tr> <td>2nd</td> <td></td> </tr> <tr> <td>3rd</td> <td>Rain water harvesting pits to the GHPS of Hemavadagi Village</td> </tr> </tbody> </table>		Year	Corporate Environmental Responsibility (CER)	1st	Providing solar power panels to the GHPS of Hemavadagi Village	2nd		3rd	Rain water harvesting pits to the GHPS of Hemavadagi Village						
Year	Corporate Environmental Responsibility (CER)															
1st	Providing solar power panels to the GHPS of Hemavadagi Village															
2nd																
3rd	Rain water harvesting pits to the GHPS of Hemavadagi Village															
12	EMP Budget	Rs. 24.14 Lakhs (Capital Cost) & Rs. 8.27 Lakhs (Recurring cost)														
13	Forest NOC	16.06.2022														
14	Quarry plan	07.02.2023														
15	Cluster Certificate	06.02.2023														
16	Revenue NOC	12.08.2022														
17	DTF	20.12.2022														
18	JIR	25.11.2022														

The proposal was earlier considered in the 293<sup>rd</sup> SEAC meeting and as the Proponent remained absent the Committee had deferred the appraisal.



In the present meeting the Proponent informed that the proposal is for ordinary sand. As per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and area of the lease is 7-36 Acres and hence the project is categorized as B2. As per DMG inspection report dated 25.11.2022 there is no river sand mining projects in the vicinity of 5km from the proposed lease area.

There is an existing cart track road to a length of 200 meters connecting lease area to the all-weather black topped road. The Committee informed that the mining operation should be commenced after asphaltting the approach road to the quarry as per IRC norms and to strictly implement mine closure plan effectively after mining operation and to grow trees all along the approach road during the first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 1,37,921 Tons (including waste) and estimated life of the quarry of 3 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for 45,973.6 Tones/ Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per IRC norms
2. To implement mine closure plan effectively after mining operation
3. To grow trees on the buffers & banks of halla and all along the approach road during the first year of operation.

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

**295.28 Limestone Mining Project at Lakapur Village, Mudhol Taluk, Bagalkot Dist. (4.92 Ha) by Sri Venkappa R.B. Patil - Online Proposal No.SIA/KA/MIN/43635/2015 (SEIAA 484 MIN 2015)**

**About the project:**

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri Venkappa R.B. Patil
2	Name & Location of the Project	Limestone Mining Project at Sy.Nos.115/1, 116/1 & 130/3 of Lakapur Village, Mudhol Taluk, Bagalkot Dist. (4.92 Ha)
3	Type Of Mineral	Limestone Mining
4	New / Expansion / Modification / Renewal	Expansion
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Patta

6	Area in Acres	4.92 Ha
7	Annual Production (Metric Ton / Cum) Per Annum	1,08,547 Tones/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs. 0.7819 Crores (Rs. 78.19 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	20,40,852 Tones (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	1,00,000Tones/ Annum (excluding waste)
11	<b>CER Activities:</b> Propose take up 1000 No. of additional plantation on either side of the approach road from quarry location and to provide infrastructure facilities to nearby Govt. Hopital/Schools.	
12	EMP Budget	Rs.6.80 Lakhs (Capital Cost) & 2.60 Lakhs (Recurring cost)
13	IBM Quarry plan	15.03.2018
14	PH	25.06.2019
15	Forest NoC	17.06.2020
16	CCR from KSPCB	30.03.2023

The proposal was considered in 228<sup>th</sup> SEIAA meeting held on 11.01.2023 and the SEIAA had referred the proposal to SEAC for reappraisal with following observations,

*“This is a Renewal and production Expansion proposal submitted by Sri Venkappa R.B. Patil, seeking Environmental clearance for quarrying of Limestone in an area of 4.92 Haat Sy.Nos.115/1, 116/1 &130/3 of Lokapur Village, Mudhol Taluk, Bagalkot District. It is a Patta Land.*

*The subject was discussed in the SEAC meeting held on 20.01.2021. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:*

*It is stated that the project does not attract General conditions of EIA Notification of 2006. The Quarry plan has been prepared by RQP Dr.S.K.Myageri approved by Indian Bureau of Mines. Capacity of mining is Avg. 1,00,000 TPA.*

*The Proponent and the RQP/Environment Consultant had attended the 143<sup>rd</sup> meeting of SEAC held on 24<sup>th</sup> to 29<sup>th</sup> July 2015 to give clarification/additional information.*

*The Committee had noted that many proposals have been cleared in this area and if the proposed area is likely to result in to a cluster situation with a total lease area of 25 Ha or more as defined in the O.M dated 24.12.2013 issued by the Ministry of Environment and Forest, Government of India then the proposal had to be appraised as category B1. The committee therefore directed the proponent to get the details of all the leases of Lakapur village with the extent of lease area, lease Nos., latitude & longitude and distance between the boundaries (OUTER) of each lease area and get marked on combined sketch plotted on a village map which should be attested by a competent authority.*

*The committee observed that the proponent has not submitted the land conversion order. The proponent stated that they have not applied for NA. Therefore, the committee directed the proponent to get the NA.*

*The committee after discussion had decided to recall the proponent after submission of the above information. The proponent had submitted the reply vide letter dated 09.11.2015.*

*The proponent was invited for the 153<sup>rd</sup> meeting of SEAC held on 17<sup>th</sup> and 18<sup>th</sup> November 2016 to provide required clarification. The proponent remained absent.*

*The committee observed that the proponent had not submitted the combined sketch sought by the committee. The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, approved mining plan. The committee opined that the appraisal cannot be completed for want of the above information and since the proponent also remained absent to provide the required clarification.*

*The committee therefore had decided to recommend the proposal to SEIAA for closure.*

*The Authority during the meeting held on 17th December 2015 had perused the proposal and took note of the recommendation of SEAC. The Authority had decided to close the file and delist from the pendency.*

*Subsequently, it was noticed that by oversight representation dated 4.12.2015 submitted by the proponent requesting not to close the file that could not be placed before the Authority. The proponent had stated that the delay was due to non-receipt of combined sketch from the Department Mines and Geology.*

*The subject was therefore placed before the Authority for consideration. The Authority perused the reply submitted by the proponent vide letter dated 4.12.2015.*

*The Authority after discussion decided to refer the file back to SEAC for appraisal following the due procedure of law.*

*The committee took note of the decision of the Authority and also reviewed the reply submitted by the proponent vide letter dated 28.03.2016 during the 161<sup>st</sup> meeting of SEAC held on 28<sup>th</sup> and 29<sup>th</sup> March 2016.*

*The committee noted that as per the Gazette Notification No. S.O.423 (E) dated 10.02.2015, the Central Government declares the list of minerals as minor minerals. The lime stone does not come under minor minerals. The committee therefore had decided to appraise the proposal as B1 category and also decided to invite the proponent to receive the standard TORs and additional site specific TORs if any.*

*The Proponent attended the meeting of SEAC to present the TORs.*

*The committee appraised the proposal considering the information provided in the statutory application -Form I, pre-feasibility report, and proposed TORs and clarification/additional information provided during the meeting.*

*The Committee after discussion decided to recommend the proposal to SEIAA for issue of Standard TORs along with the following additional TOR's.*

- 1. Compliance to KSPCB CFE conditions.*
- 2. Dust mitigation measures adopted.*

*The Authority perused the proposal and recommendation made by SEAC during the meeting held on 17<sup>th</sup> June 2016. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.*



Accordingly, TORs were issued on 05.07.2016. Further the TORs validity period extended till 04.07.2020 by SELAA on 24.10.2019. The proponent has submitted the EIA report on 18-10-2019 and the same was placed before the committee for EIA appraisal.

The proponent was invited for the 236<sup>th</sup> meeting held on 17-12-2019 to provide required clarification. The proponent have submitted a letter during the meeting and requested to re-schedule in the next meeting.

Hence the committee decided to defer the proposal.

The Proponent and Environmental Consultant attended the 240<sup>th</sup> SEAC meeting held on 25-02-2020 to provide clarification/additional information. The lease for this proposal has been granted in the year 2003 and mining activity has been carried out continuously since then till date. The proponent has stated that he has obtained state EC issued during 2010 by Department of Environment and Ecology, GoK and he has also stated that he has not obtained any EC under EIA notification 2006. When this issue was pointed out to the proponent the proponent has stated that he will comeback with proper clarification in this regard as to why this project should not be categorized under violation category.

Hence the committee decided to defer the appraisal of the project. The proponent was invited for the 249<sup>th</sup> meeting held on 30-07-2020 to provide required clarification. The proponent remained absent with intimation and requested to defer his project, since consultant was under COVID-19 quarantine.

The committee after discussion decided to provide one more opportunity to proponent with intimation for appraisal of the project based on merit and deferred the appraisal of the project proposal.

The Proponent and Environmental Consultant attended the 255<sup>th</sup> SEAC meeting held on 20.01.2021 to provide clarification/additional information.

Subsequent to 240<sup>th</sup> SEAC meeting held on 25.02.2020, during appraisal the proponent submitted chronological events of this project since the lease execution. It is observed by the committee that the proponent submitted application for EC on 22.04.2015 i.e the window period given by Hon'ble NGT vide order dated 13.01.2015. Further the proponent has submitted an audit report certified by concerned Authorities, wherein it is mentioned that from 2003-04 to 2020-2021 mining activity has been done. From this the committee noted that the proponent have not stopped the mining activity after the window period given by Hon'ble NGT vide order dated 13.01.2015. The committee observed that EC issued by State Environment Clearance Certificate (SECC) dated:01.10.2010 for an annual production of 3,400TPA to 20,000TPA as per approved mining IBM plan. The proponent stated that the quantity extracted is as per approved mining plan and EC issued by SECC.

Hence the proponent requested that his proposal may not be considered as violation. The Committee after discussion and deliberation decided to seek clarification from SELAA with respect to the request made by the proponent not to consider his proposal as violation.

The Authority during the meeting held on 22<sup>nd</sup> February 2021 perused the proposal and took note of the recommendation of SEAC. The Authority after discussion decided to defer the subject for further consideration.



*The Authority perused the reply received from the proponent. The Authority noted that the proponent did not avail the window period available to him. Further it is also noted that the Proponent continued to operate the mine even after he was expected not to do so.*

*Hence Authority resolves the case as a violation of EIA Notification 2006 (as amended till date) and shall be dealt accordingly.*

*The Project proponent in his letter requested this Authority to kindly considered this project as Non- Violation and issue EC. The Authority perused the request and decided to reconsider the proposal after seeking legal opinion from the advocate of SEIAA.*

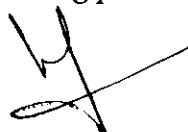
*In this regard Sri. D Nagaraj, Advocate, SEIAA has submitted his opinion vide letter dated 29.11.2022 and Opinion of the Advocate are as follows:*

- 1. File bearing No. SEIAA 484 MIN 2015 is referred to me seeking opinion as to whether the Limestone Mining Project in Sy. Nos. 115/1, 116/1, and 130/3 of Lokapura Village, Mudhol Taluk, Bagalkot District, totally measuring 4.92 Hectares carried out by Sri. Venkappa R. B. Patil Jalikatti B.K., can be categorized as non-violation project for the purpose of granting prior Environmental Clearance for expanded quantity of Major Minerals. I have perused the entire file.*
- 2. On 01.12.2010, the State of Karnataka had accorded prior prior Environmental Clearance for the said Limestone Mining Project for expansion of capacity from 3400 TPA to 20,000 TPA as approved by the IBM Mining Plan in the aid location. I have gone through the entire order according Environmental Clearance and I have observed that there is no validity period stipulated therein to say that the said prior Environmental Clearance is valid till such and such a period. However, the general condition*

*Clause-7 reads as under: "The Department of Environment and Ecology, Government of Karnataka, reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department."*

- 3. The file further reveal that no such revocation order has been passed by the State Government which fact demonstrates that the in the Environmental Clearance granted on 01.12.2010, is still valid and subsisting.*
- 4. Further, I have gone through the proceedings of 212- SEIAA Meeting dated 05.02.2022 wherein the authority has resolved that this case is a violation of EIA Notification, 2006.*
- 5. It is in this regard, it is pertinent to note that the relevant portion of the Notification dated 14.03.2017 issued by the MOEF-CC which is as under:*

*13(1). Now, therefore, in exercise of powers conferred by sub-section (1) and sub- clause (a) of clause (i) and clause (v) of sub-section (2) of Section 3 of Environment (Protection) Act, 1986, read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986; the Central Government hereby directs that the projects or activities or thne expansion or modernization of existing projects or activities requiring prior environmental Environment Notification, addition with clearance under the Impact 2006 Assessment entailing change in technology or both undertaken in any part without capacity process or of India obtaining prior environmental clearance from the*



*Central Government by Impact or the State Level Environment Assessment Authority, as the case may be, duly constituted by the Central Government under sub-section (3) of Section 3 of the said Act, shall be considered a case of violation of the Environment Impact Assessment Notification, 2006 and will be dealt strictly as per the procedure specified in the following manner".*

6. *Further, the office Memorandum dated 07.07.2021 issued by the MOEF-CC, Impact Assessment Division, with regard to the Standard Operation Procedure (SoP) for identification and handling of violation cases under EIA Notification, 2006, Para-9 thereon deals with the definition of violation and non-compliance as under:*

9. *Definition of Violation and Non- Non- compliance:*

*The Standard Operation System (SoP) considers Violation' & Non-compliance from the following perspective:*

i. *"Violation" means cases where projects have either started the construction work or installation or excavation, whichever is earlier, on site or have expanded the production capacity and or project area beyond Environmental the limit specified in the (Prior-EC) Clearance without obtaining Prior-EC or change of scope without prior approval from the Ministry.*

ii. *"Non-compliance" means non-compliance of Terms and Conditions prescribed by the Regulatory Authority in the Prior Environmental Clearance accorded to the project.*

7. *From the reading of the aforesaid Paragraphs in the Notification dated 14.03.2017 and office Memorandum dated 07.07.2021, issued by the MOEF-CC, any project to be categorized as violator of EIA Notification 2006, or for that matter, the project either started the construction work; or installation; or excavation on the site; or for expanded production capacity; and/or project area beyond the limit prescribed in the Environmental Clearance; without obtaining prior-Environmental Clearance or for that matter change the scope; without prior approval from the Ministry and non-compliance means, non-compliance of Terms and Conditions prescribed by the Regulatory Authority in the prior Environmental Clearance accorded to the project earlier.*

8. *On a bare perusal of the prior Environmental Clearance accorded on 01.12.2010 by the State Government to the project in question, there is no validity period prescribed therein, and on the other hand in the general condition Para-7, it is noticed that the Department of Environment and Ecology, Government of Karnataka, has reserved the right to revoke the clearance if the Condition stipulated therein are not implemented; and in this case as on this day, the prior Environmental Clearance granted on 01.12.2010 has not been revoked and the same is still subsisting and valid. Therefore, I am of the opinion that it is not a case of carrying on the mining activity without prior Environmental Clearance.*

9. *Further, I have perused the details of production achieved as submitted by the deputy Director of mines and Geology Bagalkot right from the year 2003-04 till the year 2020-21, and the mining activity has not been carried out exceeding the production capacity of 20000 TPA of Limestone. The said statement of production is based on the audit report issued by the concerned Department of Mines and Geology i.e. Deputy Director, Department of Mines and Geology, Bagalkot. Thus the statement of production details,*



*if perused, the project owner has not expanded nor exceeded the production capacity. It is also not a case of exceeding the project area beyond the limit specified in the earlier Environmental Clearance dated 01.12.2010.*

*10. Under such circumstances, having regard to the definition of violation as provided under the said two notifications referred above i.e. 2017 and 2021 and having regard to the details of production furnished by the Deputy Director, Department of Mines and Geology, Bagalkot, I am of the opinion that, the project owner has not violated any conditions stipulated in the prior Environmental Clearance dated 01.12.2010 granted by the State Government.*

*11. In view of my aforesaid opinion, the application now filed by the project proponent for expansion of production capacity from 20,000 TPA to 1,00,000 TPA within the same project area i.e. 4.92 Hectares, the SEIAA may consider independently the grant of prior Environmental Clearance for expansion of production capacity. I opine accordingly."*

*The Authority perused the Opinion of the Advocate, and decided to refer the file back to SEAC for reappraisal."*

Proponent informed the Committee that they had applied for EC for the proposed expansion from 20,000 TPA to 1,00,000 TPA as per EIA Notification 2006 and informed that the authority has referred back the same proposal as non-violation category to SEAC for reappraisal. The Committee appraisal the project as per the directions of SEIAA.

The proposal is for expansion of lime stone mining, for which EC was earlier issued by SECC, Dept. of FEE, GoK on 01.12.2010 and lease was granted on 25.06.2003 with ML no. 2407. For the proposed expansion, SEIAA had issued ToR on 05.07.2016 and public hearing was conducted on 25.06.2019, where opinions/requests of five people have been recorded in public hearing report. The Proponent submitted EIA report on 18.10.2019 and audit report till 2021-22 certified by DMG and for issue of CCR, Proponent informed that earlier they had requested MoEF&CC vide letter dated 09.09.2019, but on 27.02.2020 MoEF&CC has refused to issue CCR for the EC issued by SECC, until final decision is taken by Ministry in this matter. Since no reply was obtained from MoEF&CC the Proponent had submitted CCR from KSPCB dated 30.03.2023.

There is an existing cart track road to a length of 650 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed expansion in quantity should be commenced after asphaltting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road and to comply with the observations of KSPCB in the CCR and to comply with the requests of public expressed during public hearing for which the Proponent agreed for all.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 20,40,852 tons (including waste) and estimated life of mine of 19 years.



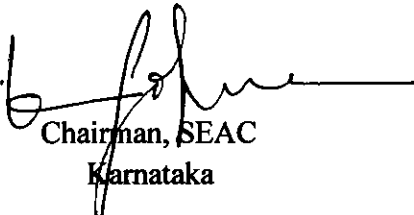
The Member Secretary opined that the mining operation should have been stopped on or before 13.01.2015, which the Proponent in this case has not followed and has continued the mining operation till date. Further M.S mentioned that as there is no change in the Project proposal between the decision taken in the 240<sup>th</sup> SEAC meeting held on 25.02.2020 and in the present appraisal and that SEIAA has only perused the opinion of the Advocate and referred the case back to SEAC and has not given any directions based on the opinion of Advocate, M.S was of the opinion that any decision taken by SEAC in this case would open a Pandoras Box in many other similar cases related to major mineral and hence opined that there is a need to obtain clarification from SEIAA regarding whether this project should be considered as a violation case or not.

The Committee after discussion decided to send the proposal to SEIAA for further action.

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

Meeting Concluded with vote of thanks to all.

  
Member Secretary, SEAC  
Karnataka

  
Chairman, SEAC  
Karnataka