#### Proceedings of the 322<sup>nd</sup> SEAC Meeting held on 04<sup>th</sup> & 05<sup>th</sup> December - 2024

#### Members present in the meeting

1.	Shri Mahesh A.N.	Chairman
2.	Shri Ravi Kumar Yadav,	Member
3.	Dr. Balakrishna S,	Member
4.	Shri Shivappa Naik,	Member
5.	Shri K H Nagaraj,	Member
6.	Shri Sadiq Ahmed,	Member
7.	Dr. Sangamesh Kolliyavar,	Member
8.	Shri Dhruva Kumara B Y,	Member
9.	Shri R Gokul, IFS	Member Secretary

#### **Officials Present**

1 Suhas H S S	Supporting Staff
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The Chairman welcomed the members and initiated the discussion. The minutes of 321<sup>st</sup> SEAC meeting held 13<sup>th</sup> & 14<sup>th</sup> November 2024 respectivelywas read and confirmed.

#### 322.1.1 EIA - Building Stone Quarry Project at Sy.Nos.59/11, 16, 17 (P) of Ambewadi Village, Belagavi Taluk, Belagavi District (4-26 Acres) by M/s. Shivashakti Stone Crusher - Sri Chandrakant Mahadev Patil – Online Proposal No.SIA/KA/MIN/499437/2024 (SEIAA 343 MIN 2023)

SLNo	Particulars	Information	Provided by PP			
1	Name & Address of the Projects Proponent	M/s. Shivashakti Stone Crusher - Sri				
		Chandrakant Mahadey Patil				
2	Name & Location of the Project	Building Stone Quarry Project at Sy.Nos.59/				
		Belagavi District (4-26	Acres)			
		Latitude	Longitude			
	•	N 15•54'46.9123"	E 74* 27 51.3884*			
		N 15º 54' 47.3269"	E 74• 27 55.8229*			
		N 15º 54' 44.9088*	E 74• 27' 56.4881"			
		N 15º 54' 41.5447"	E 74º 27' 51.8261"			
		N 15º 54' 46.6047"	E 74º 27' 51.2659"			
3	Type Of Mineral	Building Stone Ouarry				
4	New/Expansion/Modification/ Renewal	New				
5	Type of Land [Forest, Government	Patta				
	Revenue, Gomal, Private /Patta, Other]					
6	Area in Acres	4-26 Acres				
7	Annual Production (Metric Ton / Cum) Per Annum	71,898Tonnes/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	9,76,388 Tonnes (inclu	ding waste)			

10	Permitted Quantity Per Annum - Cu.m / Ton 70,460Tonnes/annum (excluding waste)					
11	CER Activities: To pro	vide infrastructure facilities to near by Govt. School & Hospitals and to				
	grow additional 500 tre	es in the vicinity of the project.				
12	EMP Budget	EMP Budget Rs. 21.60 lakhs (Capital Cost) & Rs. 13.65 lakhs (Recurring cost)				
13	Forest NOC	02.08.2022				
14	Quarry plan	24.02.2023				
15	Cluster certificate 10.04.2023					
16	Notification 30.11.2022					
17	Revenue 07.01.2022					
18	Public hearing	03.07.2024				

The Committee sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the proposed area is a vacant land and no mining has been carried out by Proponent and informed that the project does not attract violation. The Committee noted the clarification of Proponent as per KML and appraised the project.

The proposal is for ordinary sand quarry for which SEIAA had issued ToR on 17.10.2023 and public hearing was conducted on 03.07.2024, where opinion/requests of about thirteen people had been recorded in public hearing report.

Considering the existing cart track road to a length of 450mtrsconnecting lease area to the allweather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry and road connecting the crusher as per IRC standard norms and should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 9,76,388 tonnes (including waste) and estimated the life of mine to be 14 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for maximum annual production of 71,898 Tonnes/ Annum (including waste), with following consideration,

- 1. To asphalt the approach road to the quarry & road connecting the crusher as per IRC norms.
- 2. To grow trees all along the approach road & buffer zone during the first year of operation.
- 3. To carry out regular health checkup for the workers in the nearby Hospital.
- 4. To provide metal sheet fencing around the working area.
- 5. To take necessary measures to arrest noise and vibration from the quarry area.
- 6. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.
- 7. To adhere to the compliance given in response to the opinion of public addressed during public hearing.
- Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

# 322.1.2 Residential Apartment with Club House Project at Sy.Nos.104/2, 104/3, 104/5, 104/6, 104/7, 104/8, 104/9, 104/10, 104/11,104/12 & 104/13 of Sompura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District by M/s. ARS Infraa– Online Proposal No.SIA/KA/INFRA2/487525/2024 (SEIAA 160 CON 2024)

SIN	Vo	Particulars	Information Drawidad by DD
<u></u>	10.		Mr S Presed Neidy Destroy
		Name & Address of the Drainet	Ma ADS Infraça
1		Propopont	MIS. AKS INITAS
		rioponent	No. 1008/A, 3 Floor, 14 Main, / Sector, HSK
		· · · · · · · · · · · · · · · · · · ·	Layout, Bengaluru – 560 102.
			Development of Residential Apartment with Club
2			House Project atSy.Nos.104/2, 104/3, 104/5, 104/6,
		Name & Location of the Project	104/1, 104/8, 104/9, 104/10, 104/11, 104/12 &
			104/13 of Sompura Village, Sarjapura Hobli, Anekal
<u> </u>			Taluk, Bengaluru Urban District
3	) 	Type of Development	
		Residential Apartment / Villas / Row	Residential Apartment with club house
	a.	Houses / Vertical Development /	Category 8(a)
		Office /IT/ ITES/ Mall/ Hotel/	
		Hospital /other	
	b.	Residential Township/Area	NA
		Development Projects	
			As per the Anekal Local Planning Area Master Plan
	¢.	Zoning Regulations	- 2031 (Sarjapura: SP-3), the proposed project site is
			designated as Public & Semi-public Zone
4	ļ	New/ Expansion/ Modification/	New
		Renewal	
5		Water Bodies/ Nalas in the vicinity	And Sompura Lake on southwest side of the project
		of project site	site boundary at a distance of 64 m.
6	,   	Plot Area (Sqm)	16,516 Sqm
7		Built Up area (Sqm)	39,876.06Sqm
		FAR	
8		Permissible	2.25
		Proposed	2.249
		Building Configuration [Number of	256 nos
0		Blocks / Towers / Wings etc., with	
9		Numbers of Basements and Upper	-
		Floors]	
		Number of units/plots in case of	NA
10	)	Construction/Residential Townshin	
		/Area Development Projects	
			26.95 mtrs (As ner CC7M man the normissible
11		Height Clearance	height is 131 mtrs and the height achieved for our
			proposed building is 26.95 mtrs)
12	2	Project Cost (Rs. In Crores)	Rs. 75.0 Crores
			Excavated earth quantity 7020 m2
		Quantity of Excavated earth & its	Backfilling $= 2108 \text{ m}^3$
13	\$	management	$L and scaning = 2766 m^2$
			$\frac{2}{10} = 270 + 115$

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1	4	Details of Land Use (Sqm)			
	a.	Ground Coverage Area	4980.42Sqm		
	b.	Kharab Land	354.10 Sgm		
	с.	Total Green belt on Mother Earth	4606.14Sqm		
1	d.	Internal Roads	4309.78Sqm	****	
	е.	Paved area			
			Service Area - 3	86.50 Sam	
	f	Others Snecify	CA Area - 808.1	0 Sam	
		s allow op could	Road Relinguish	ment Area-1070.97	
		Parks and Open space in case of	-		
	σ	Residential Township/ Area			
	0	Development Projects			
	h	Total	16.516Sam		
	5	WATER	10,01004	· · · · · · · · · · · · · · · · · · ·	
	T	Construction Phase	· · · · · · ·		
┝┝		Construction T hase	The domestic y	votor requirement will be mat by	
			automal sum	valer requirement will be met by	
	a.	Source of water	external suppli-	ers and water requirement for	
			construction pur	pose will be met by SIP tertiary	
			treated water.		
	b.	Quantity of water for Construction	20 NLD		
			AFVID		
	c.	Quantity of water for Domestic	4.3 KLD		
		Purpose in KLD			
	d.	Waste water generation in KLD	4.0 KLD		
			Domestic sewage generated during construction		
	e.	Treatment facility proposed and	phase will be treated in mobile STP, treated water		
		scheme of disposal of treated water	will be used for dust suppression/ landscaping		
			within the site.		
	<u>II.</u>	Operational Phase			
			Fresh	119 KLD	
	a.	Total Requirement of Water in KLD	Flushing	60 KLD	
		a construction of the second	Total	179 KLD	
	b.	Source of water	Boréwell		
	c.	Wastewater generation in KLD	161 KLD		
	d.	STP capacity	STP Capacity –	180 KLD (area 200 Sqm)	
[	P	Technology employed for	Sequential Batch	Reactor Technology	
	υ.	Treatment			
[	f	Scheme of disposal of excess	Excess 62 KLI	) for construction works/ Avenue	
	1.	treated water if any	plantation.		
	16	Infrastructure for Rain water harvesting	ng	· · · · · · · · · · · · · · · · · · ·	
	~	Capacity of sump/tank to store Roof	400 Cum		
	a.	& Hardscape/soft scape run off			
	b.	No's of Ground water recharge pits	20 Nos.		
l'and the second		· · · · · · · · · · · · · · · · · · ·	Internal garland	drains will be provided within the	
			site in order to	carry out the storm water into the	
			recharge pits an	d will be managed within the site	
	ι/	storm water management plan	and in the wor	st rain fall, excess runoff will be	
			discharged to t	he external storm water drain on	
			eastern side of th	e site.	
1	8	WASTE MANAGEMENT	i i i i i i i i i i i i i i i i i i i		
	I.	Construction Phase			

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	a.	Quantity of Construction & Demolition waster and its management.	Construction Waste: Construction debris generated from the whole project is 20 tons and this will be reused within the site for road and pavement formation.					
	b.	Quantity of Solid waste generation and mode of Disposal as per norms	of solid waste generation is 10 nich, 4 kg/day is the biodegradable ay is the non-biodegradable waste and ded over to local vendors.					
	II.	Operational Phase						
			Quantity:	210kg/day				
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Mode of Disposal:	This will be segregated at household levels and will be processed in proposed organic waste converter.				
			Capacity of facility:	250 kg/day				
			Area required:	24 Sqm				
	-	 Quantity of Non- Riodegradable	Quantity:	315 kg/day				
	h	waste generation and mode of Disposal as per norms	Mode of	Recyclable wastes will be handed				
	0.		Disposal:	over to authorized waste recyclers				
			Area required:	5Sqm				
			Quantity:	55 L/Annum (0.11 L/ running) hour of DG				
	Ċ.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Mode of Disposal:	Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.				
			Area required:	4Sqm				
			Quantity:	0.64 ton/annum				
			Mode of	E-Wastes will be collected				
	d.	Quantity of E waste generation and mode of Disposal as per norms	Disposal:	separately & it will be handed over to authorized E-waste recyclers for further processing.				
			Area required:	4 Sam				
1	9	POWER	<u> </u>	L				
	a.	Total Power Requirement - Operational Phase	1283kVA					
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	350 KVA-2 No Stack Height A	os. RL - 5 m				
	с.	Details of Fuel used for DG Set	154.84 l/hr					
		Energy conservation plan and	5star rated trans	sformer, Solar Lights, solar water				
	đ	Percentage of savings including	heater, LED, hi	gh efficiency Pumps and motors in				
	ч.	plan for utilization of solar energy	Lifts etc.					
		as per ECBC 2007	The overall ene	rgy savings is around 26.6 %				
2	20	PAKKING	000 500					
	a.	Parking Requirement as per norms (ECS)	282 ECS (25% i.e. 64 Nos. of the EV Charging facility will be provided)					
	b.	Level of Service (LOS) of the	Road	Towards Existing Changed				
		~	5	le ho /				

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	connecting Roads as per the Traffic	Approach Road		A	A	
	Study Report	Ambalipura-	Sarjapura	D	В	
		Sarjapura-	ORR	D	В	
		Road				
<b>c</b> .	Internal Road width (RoW)	12.19m wide	Approach road			
21		Renovation	of class roor	ns & drinki	ng water	
	CER Activities	facilities to Govt. Lower Primary School, Yam				
		Village.				
22		Construction	Phase:			
		Capital Invest	ment – 13.2Lal	kh		
	EMP (Details and capital cost &	Construction – 58.91 Lakh				
	recurring cost)	Operation Phase:				
		Capital investment – 293.78 Lakh				
	·	Operation Investment – 20.0 Lakh/annum				

The proposal is for construction of residential building in an area earmarked for public and semi public use as per Anekal local Planning Authority, for which the Proponent informed that they have obtained conversion of land to residential purpose from DC.

The Committee during appraisal sought details regarding foot kharab as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the foot kharab inside the plot area has been rerouted to project boundary as per DC Order dated 27.07.2023 and another foot kharab in eastern side is relinquished for public road. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 179 KLD out of which about 119 KLD of fresh water requirement would be met from 3existing borewells in the proposed project area, only after obtaining NoC from KGWA for extraction of ground water. In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site areajustifying that drawing 119 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 400 cum for runoff from rooftop and 138 cum capacity tanks for runoff from hardscape and landscape areas with 20 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 220 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rainwater storage structure of 400 cum, 138 cum and 20 recharge pits.
- 5. To grow 220 trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road and free public access in kharab area.
- 12. Excess treated water should be utilized with in the site area.
- 13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.
- Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

#### 322.1.3 Residential Apartment with Club House Project at Sy.No.516 of Sarjapura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District by M/s. Suyug Constructions – Online Proposal No.SIA/KA/INFRA2/488565/2024 (SEIAA 161 CON 2024) About the project:

01	<b>N</b> T .	<b>D</b>	
<u>SI.</u>	NO	Particulars	Information Provided by PP
1			Mr. S. Yathish, Designated Partner
		Name & Address of the Project	M/s. Suyug Constructions
· ·		Proponent	Site No.19, B. Hosahalli Road, Sompura gate,
			Sarjapura Main Road, Bengaluru - 562125
			Development of Residential Apartment with
2	,	Name & Location of the Project	Club House Project at Sy. No. 516 of Sarjapura
		Name & Location of the Troject	Village, Sarjapura Hobli, Anekal Taluk, Bengaluru
			Urban District
3		Type of Development	
		Residential Apartment/Villas/Row	Residential Apartment with club house
	a.	Houses/Vertical Development/ Office	Category 8(a)
		/IT/ITES/Mall/Hotel/ Hospital /other	
	b.	Residential Township/ Area	NA
		Development Projects	
			As per the Anekal Local Planning Area Master Plan
	c.	Zoning Regulations	- 2031 (Sarjapura: SP-3), the proposed project site
[			is designated as Residential Zone
4		New/-Expansion/ Modification/	New
т т		Renewal	
5		Water Bodies/ Nales in the visinity	There is no nala around 50m radius from the project
		of project site	site and there is no water body around 30 M radius
			from the project site boundary.
6		Plot Area (Sqm)	10,319.34 Sqm
7		Built Up area (Sqm)	30,954.15Sqm

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	8	• Permissible	2.00	
	-	Proposed	1.99	
		Building Configuration Number of	BF+GF+13UF	
		Blocks / Towers / Wings etc., with		
	9	Numbers of Basements and Upper		
		Floors]		
		Number of unite/plate in asse of	Proposed project comprising 110 No	
	10	Construction/Residential Townshin		
	10	(A rea Development Projects		
			11.95 m (As per CC7M the normissible height is	
	11	Height Clearance	111 m and the height achieved for our proposed	
	11	Treight Creatance	building is 14.05 m.)	
	10		building is 44.95 m.)	
	12	Project Cost (Rs. In Crores)	KS. 57.00 Crores	
			Excavated earth quantity –20,941 m3	
1		Quantity of Excavated earth & its	Backfilling – 6,282 m3	
	13	management	Landscaping – 4,358 m3	
		managomont	Driveway – 3,676 m3	
			Site formation – 6,625 m3	
	14	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	1,766.02Sqm	
	b.	Kharab Land		
1	<b>c</b> .	Total Green belt on Mother Earth	4,357.58Sgm	
	d Internal Roads 2.450.58Sam		2,450.58Sqm	
	e.	Paved area		
			Service Area – 245.45 Som	
			Road Widening Area – 467,79 Som	
	f.	Others Specify	CA Area = 515.96 Sam	
			STRR Land Bank – 515 96 Som	
		Parks and Onen snace in case of	-	
		Residential Townshin/ Area		
	<u>5</u> .	Development Projects		
		Total	10 319 34Sam	
	<u> </u>			
	12	WAIDN Construction Phase		
	<b>1</b> .	Construction Phase	The domestic water requirement will be mat by	
			ine domestic water requirement will be met by	
	<b>a</b> .	Source of water	external suppliers and water requirement for	
1			construction purpose will be met by SIP tertiary	
			treated water.	
	Ь	Quantity of water for Construction	22 KLD	
ł	L	in KLD		
		Quantity of water for Domestic	4.5 KLD	
	<u>.</u>	Purpose in KLD		
1	<b>d</b> .	Waste water generation in KLD	4.0 KLD	
			Domestic sewage generated during construction	
	_	Treatment facility proposed and	phase will be treated in mobile STP, treated water	
	e.	scheme of disposal of treated water	will be used for dust suppression/ landscaping	
			within the site.	
	II.	Operational Phase		
	<u> </u>	Total Requirement of Water in	Fresh 61 KLD	
1	a.	KLD	Flushing 31 KLD	
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			Total	92 KLD		
	b.	Source of water	Borewell			
	с.	Wastewater generation in KLD	83 KLD			
	d.	STP capacity	STP Capacity – 100 KLD (area 95 Sqm)			
	e.	Technology employed for Treatment	Sequential Batch Reactor Technology			
	f.	Scheme of disposal of excess treated water if any	Excess 19 KI plantation.	D for construction works/ Avenue		
	16	Infrastructure for Rain water harvesti	ng	· ·		
		Capacity of sump/tank to store Roof	Roof Rain wate	er sump – 200 Cum		
	a.	& Hardscape/soft scape run off	Storm Water su	1mp – 75 Cum		
	b.	No's of Ground water recharge pits	14 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 and in the worst rain fall, excess runoff will be discharged to the external storm water drain on anstern side of the site			
	18	WASTE MANAGEMENT				
	I.	Construction Phase				
	a.	Quantity of Construction & Demolition waster and its management.	Construction Waste: Construction debris generated from the whole project is 15 tons and this will be reused within the site for road and pavement			
	b.	Quantity of Solid waste generation and mode of Disposal as per norms	Total quantity of solid waste generation is 10 Kg/day. In which, 4 kg/day is the biodegradable waste &6 kg/day is the non-biodegradable waste and this will be handed over to local vendors.			
	II.	Operational Phase				
	а.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal:	108kg/day This will be segregated at household levels and will be processed in proposed organic waste converter.		
			Capacity of facility:	150 kg/day		
		· · · · · · · · · · · · · · · · · · ·	Ouentitu:	17 Sym		
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per normal	Mode of Disposal:	Recyclable wastes will be handed over to authorized waste recyclers		
ļ		F F	Area required:	5Sqm		
			Quantity:	40 L/Annum (0.08 L/ running) hour of DG		
c	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Mode of Disposal:	Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.		
-			Area required:	4Sqm		
	d	Quantity of E waste generation and	Quantity:	0.33 ton/annum		
		mode of Disposal as per norms	Mode of	E-Wastes will be collected		
			9			

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	-		Disposal:	separately & it to authorized E further processing	will be har waste recy ng.	nded over yclers for	
			Area required:	4 Sqm			
]	9	POWER					
	a.	Total Power Requirement - Operational Phase	824kVA				
	h	Numbers of DG set and capacity in	500 KVA-1 No	).			
	0.	KVA for Standby Power Supply	Stack Height A	<u>RL - 7 m</u>			
	с.	Details of Fuel used for DG Set	110.60 l/hr				
		Energy conservation plan and	5star rated trans	sformer, Solar Lig	thts, solar y	water	
	đ	Percentage of savings including	heater, LED, high efficiency Pumps and motors in				
	ч.	plan for utilization of solar energy	Lifts etc				
		as per ECBC 2007	The overall energy savings is around 25.2 %				
2	20	PARKING	· · · · · · · · · · · · · · · · · · ·				
	a.	Parking Requirement as per norms (ECS)	121 No. of cars. (provided – 121No. of cars) (25% i.e. 28 Nos. of the EV Charging facility will be provided)				
			Road	Towards	Existing	Changed	
		Level of Service (LOS) of the	Approach Road A A			A	
	<b>b</b> .	connecting Roads as per the I raffic	Ambalipura-	Sarjapura	D	В	
		Study Report	Sarjapura- Roa	d ORR	D	В	
	с.	Internal Road width (RoW)	12.00m wide A	pproach road			
2	21		Renovation of	class rooms & dri	nking wat	er facility	
		CER Activities	to Govt. Mod	lel Boys Highe	r Primary	School,	
			Sarjapura.		•		
2	22	· ····	Construction Pl	hase:			
			Capital Investment – 11.85Lakh				
		EMP (Details and capital cost &	Construction – 59.99 Lakh				
		recurring cost)	Operation Phase:				
1		- · · · · · · · ·	Capital investment – 172.96 Lakh				
			Operation Investment - 23.96 Lakh/annum				

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

The Committee during appraisal sought details regarding road as per zoning regulation, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the zoning road in northeast is left as it is in the proposed plan. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 92 KLD out of which about 61 KLD of fresh water requirement would be met from 1 existing borewell and 1 proposed borewell in the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water. In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 61 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 200 Cum for runoff from rooftop and 75 cum capacity tanks for runoff from hardscape and landscape areas with 14 recharge pits within the site area. The Committee noted the same.

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Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 130trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rain water storage structure of 200cum, 75cum and 14recharge pits.
- 5. To grow 130 trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road.
- 12. Excess treated water should be utilized with in the site area.
- 13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

## 322.1.4 Residential Apartment with Club House Project at Sy.Nos.90/1, 90/2, 90/3, 90/4, 90/6, 91/3, 95, 96/3, 96/4, 96/5, 96/6 & 96/7 of Sompura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District by M/s. Bhavisha Properties / Sri Surineni Naidu – Online Proposal No.SIA/KA/INFRA2/487395/2024 (SEIAA 162 CON 2024)

#### About the project:

Sl. No	Particulars	Information Provided by PP
1	Name & Address of the Project Proponent	Mr. S. Prasad Naidu, Proprietor M/s. Bhavisha Properties No. 001, 3 <sup>rd</sup> Floor, Sy.Nos.54, 55/1 of Sarjapura Main Road, Yamare Village, Bengaluru – 562125.

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2	Name & Location of the Project	Development of Residential Apartment with Club House Project at Sy.Nos. 90/1, 90/2, 90/3, 90/4, 90/6, 91/3, 95, 96/3, 96/4, 96/5, 96/6 & 96/7 of Sompura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District-562 125.
3	Type of Development	
	Residential Apartment /Villas / Row	
	a. Houses /Vertical Development/ Office /IT/ITES/ Mall/ Hotel/ Hospital/other	Residential Apartment and club house Category 8(a)
	b. Residential Township/ Area Development Projects	NA
	c. Zoning Regulations	As per the Anekal Local Planning Area Master Plan – 2031 (Sarjapura: SP-3), the proposed project site is designated as Industrial, Public & Semi-public Zone.
4	New/ <del>Expansion/Modification/</del> Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	There is a tertiary nala running on western side of the project site, to which we have earmarked 9 m buffer. And Sompura Lake on southern side of the project site boundary at a distance of 39.6 m.
6	Plot Area (Sqm)	20,335.17 Sqm
7	Built Un area (Som)	57.988.59Sam
	FAR	
8	Permissible     Proposed	2.25 2.249
9 Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]		BF+Stilt+GF+33UF
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	245
11	Height Clearance	102.5 m (As per CCZM map, the permissible height is 133.50 m and the height achieved for our proposed building is 102.5 m)
12	Project Cost (Rs. In Crores)	Rs. 109 Crores
13	Quantity of Excavated earth & its management	Excavated earth quantity – 23, 776m3 Backfilling – 7,133 m3 Landscaping – 10,711 m3 Driveway – 3,669 m3 Site formation – 2,263 m3
14	Details of Land Use (Sqm)	· · · · · · · · · · · · · · · · · · ·
8	a. Ground Coverage Area	1,616.25Sqm
	b. Kharab Land	202.34 Sqm
	. Total Green belt on Mother Earth	13,388.78Sqm
	I. Internal Roads	3668.5Sqm
	e. Paved area	
	f. Others Specify	Service Area – 452.65 Sqm
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			CA Area - 1,006	5.65 Sqm
	g.	Parks and Open space in case of Residential Township/ Area	-	
	h	Total	20 335 17 Sam	
	15	WATER	20,333.17 Sqiii	
	T	Construction Phase		
			The domestic y	vator requirement will be mot by
	a.	Source of water	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	and Domestic sewage generated during construction phase will be treated in mobile STP, treated water will be used for dust suppression/ landscaping within the site	
	П.	Operational Phase	·	
	a.	Total Requirement of Water in KLD	Fresh Flushing	113 KLD 58 KLD
			Total	171 KLD
	b.     Source of water     Borewell       c.     Wastewater generation in KLD     154 KLD			
	d.	STP capacity	STP Capacity - 170 KLD (area 200 Som)	
	e.	Technology employed for Treatment	Sequential Batch	Reactor Technology
	c	Scheme of disposal of excess treated	Excess 03 KLD	) for construction works/ Avenue
	1.	water if any	plantation.	
	16	Infrastructure for Rain water harvestin	g	
	a.	Capacity of sump/tank to store Roof	Roof Rain water	sump – 160 Cum
		No's of Ground water mehanes with	20 N	· · · · · · · · · · · · · · · · · · ·
	Ιυ.	No s of Oround water recharge pits	28 INOS.	
	17 Storm water management plan		Run off from Hardscape area is collected in a storm water sump of capacity 110 cum 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 and in the worst rainfall, excess runoff will be discharged to the external storm water drain or northern side of the site.	
	18	WASTE MANAGEMENT		
	I.	Construction Phase	· · · · · · · · · · · · · · · · · · ·	
	а.	Quantity of Construction & Demolition waster and its management.	Construction Wa from the whole preused within the formation.	ste: Construction debris generated project is 29 tons and this will be he site for road and pavement
	b.	Quantity of Solid waste generation and mode of Disposal as per norms	Total quantity of Kg/day. In whice waste &9 kg/day	of solid waste generation is 15 h, 6 kg/day is the biodegradable y is the non-biodegradable waste



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		and this will be handed over to local vendors.				
ſ	II.	Operational Phase	onal Phase			
ſ			Quantity:	201kg/day		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Mode of Disposal:	This will be segregated at household levels and will be processed in proposed organic waste converter.		
			Capacity of facility:	250 kg/day		
			Area required:	24 Sqm		
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	Mode of Disposal:	Recyclable wastes will be handed over to authorized waste recyclers		
			Quantity:	55 L/Annum (0.11 L/ running)		
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Mode of Disposal:	hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.		
			Area required:	4Sqm		
	d.	Quantity of E waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal:	0.61 ton/annum E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.		
			Area required:	4 Sam		
1	9	POWER				
	a.	Total Power Requirement - Operational Phase	1239kVA			
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	350 KVA-2 No Stack Height A	os. RL - 5 m		
	c.	Details of Fuel used for DG Set	154.84 l/hr			
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	5star rated transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc The overall energy savings is around 25.02 %			
2	20	PARKING	· · · · · · · · · · · · · · · · · · ·			
	a.	Parking Requirement as per norms (ECS)	270 No. of cars (25% i.e. 61 N be provided)	. (provided – 270No. of cars) os. of the EV Charging facility will		
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road Approach Ambalipura- Sarjapura- Road	TowardsExistingChangedRoadAASarjapuraDBORRDB		
	с.	Internal Road width (RoW)	12.19m wide A	pproach road		
2	21	CER Activities	Renovation of c	class rooms & drinking water facility		

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		to Govt. Lower Primary School, Yamare Village
22		Construction Phase:
		Capital Investment – 16.0Lakh
	EMP (Details and capital cost &	Construction – 87.36 Lakh
	recurring cost)	Operation Phase:
		Capital investment – 293.25 Lakh
		Operation Investment – 20.0 Lakh/annum

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

The Committee during appraisal sought details regarding drain and water body as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the tertiary darin in western side, buffer of 9mtr and is proposed from the edge of drain and the water body in south is at a distance of 39.6mtr and is out side the buffer zone. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 171 KLD out of which about 113 KLD of fresh water requirement would be met from 3existing borewells in the proposed project area, only after obtaining NoC from KGWA for extraction of ground water. In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 113 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 160 cum for runoff from rooftop and 110 cum capacity tanks for runoff from hardscape and landscape areas with 28 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 255 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rainwater storage structure of 160 cum, 110 cum and 28 recharge pits.

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5. To grow 255 trees in the early stage before taking up of construction.

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- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road.
- 12. Excess treated water should be utilized with in the site area.
- 13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.
- Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

#### 322.1.5 Residential Apartment and Club House Project at Sy.Nos.134/2, 416/3, 416/4 & 416/7 of Bidaraguppe Village, Attibele Hobli, Anekal Taluk, Bengaluru Urban District by M/s. Maruti ventures – Online Proposal No.SIA/KA/INFRA2/486304/2024 (SEIAA 163 CON 2024)

SI.	No	Particulars	Information Provided by PP		
		Name & Address of the Project	Mr. LekkalaChakrapani, Partner. M/s. Maruti Ventures		
1		Proponent	Site No.1125/134, Yallappa Building, 3 <sup>rd</sup> Floor,		
		<b>F</b>	Opp. SBI Bank. Sariapura, Bengaluru - 562125		
2		Name & Location of the Project	Residential Apartment and club house Project at Sy. Nos.134/2, 416/3, 416/4 & 416/7 of Bidaraguppe Village, Attibele Hobli, Anekal Taluk, Bengaluru Urban District.		
	3	Type of Development			
		Residential Apartment/Villas/Row	Residential Apartment and club house		
	a	Houses/Vertical Development /	Category 8(a)		
	ч.	Office/IT/ITES/Mall/Hotel/			
		Hospital /other			
	b.	Residential Township/ Area	NA		
<u> </u>	ļ	Development Projects	A sector Association Area Master Disp		
c. Zoning Regulations As per the Anekal Local Planning A – 2031 (Map No. AT-1), the propos designated as Agricultural Zone		As per the Anekal Local Planning Area Master Plan – 2031 (Map No. AT-1), the proposed project site is designated as Agricultural Zone			
	4	New/ <del>Expansion/ Modification/</del> Renewal	New		
	5	Water Bodies/ Nalas in the vicinity of project site	As per village map, there is a tertiary nala runnin on middle of the project site towards northwest sid and primary nala on southern side of the project sin boundary,		
	6	Plot Area (Sqm)	15,580.18 Sqm		
	7	Built Up area (Sqm)	53,678.96 Sqm		
		FAR			
	8	• Permissible	2.50		
		Proposed	2.49		
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Block A, B & C: BF+GF+6UF. Maximum height of the building is 21 m.		

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		Number - Constant at the Constant		·····	
	••	Number of units/plots in case of	357 no.		
	10	Construction/Residential Township			
		/Area Development Projects			
	11	Height Clearance	As per CCZM, the permissible height is 176.5 m and		
	· ·		the height achiev	ed for our proposed building is 21 m.	
	12	Project Cost (Rs. In Crores)	Rs. 100 Crores		
			Total Excavated	earth quantity – 17,285 m3	
			Backfilling – 5,	185 m3	
	13	Quantity of Excavated earth & its	Landscaping - 4	.957 m3	
		management	Driveway - 3.76	59 m3	
			Site Formation-	3.374 m3	
	14	Details of Land Use (Sqm)			
	a.	Ground Coverage Area	7240.40 Sam		
	b.	Kharab Land	-	· · · · · · · · · · · · · · · · · · ·	
	С.	Total Green belt on Mother Farth	3304 56Sam	· · · · · · · · · · · · · · · · · · ·	
	d	Internal Roads	3140 70Sam		
	 	Paved area	5140.705qm		
	<u> </u>		STDD Land Day	1. 770.01.S	
	f	Others Specify	STRR Land Dan	26.50 Sam	
	ι.		Service Area $= 3$	JS0.30 Sqm	
		Darks and Onen analos in analos of	CA Area = 779.0	JISQM	
	a	Parks and Open space in case of Desidential Township (	-		
	g.	Development Drain 44			
	1.	Development Projects	15 500 100		
<b>└──</b> Ⅰ	<u>n.</u>		15,580.18Sqm		
		WATER			
	1.	Construction Phase			
			The domestic water requirement will be met by		
[	a.	Source of water	external suppli	ers and water requirement for	
			construction pu	rpose will be met by STP tertiary	
╞			treated water.		
	Ь.	Quantity of water for Construction	19 KLD		
		in KLD			
	c.	Quantity of water for Domestic	4.5 KLD		
		Purpose in KLD			
	d	Waste water generation in KLD	4.0 KLD		
			Domestic sewa	ge generated during construction	
	e	Treatment facility proposed and	phase will be tr	eated in mobile STP, treated water	
		scheme of disposal of treated water	will be used for dust suppression/ landscaping within		
			the site.		
	П.	Operational Phase			
		Total Pequipement of Water in	Fresh	162 KLD	
	a.	KID	Flushing	82 KLD	
		RED	Total	244 KLD	
· [	b.	Source of water	Borewell	· · · · · · · · · · · · · · · · · · ·	
	c.	Wastewater generation in KLD	220 KLD		
Γ	d.	STP capacity	STP Capacity - 250 KLD (area 225 Som)		
Technolog		Technology employed for	Sequential Batch	Reactor Technology	
	e.	Treatment			
Γ	r	Scheme of disposal of excess	Excess 99 KLT	) for construction works/ Avenue	
	I.	treated water if any	plantation.		
1	6	Infrastructure for Rain water harvest	ing		
			0		

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	a.	Capacity of sump/tank to store Roof & Hardscape/soft scape run off	Roof Rain water sump – 400 Cum (300 Cum & 100 cum)		
	b.	No's of Ground water recharge pits	23 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 north side of the site		
	18	WASTE MANAGEMENT			
	I.	Construction Phase		· · ·	
	a.	Quantity of Construction & Demolition waster and its management.	Construction Waste: Construction debris generated from the whole project is 27 tons and this will be reused within the site for road and pavement formation.		
	b.	Quantity of Solid waste generation and mode of Disposal as per norms	Total quantity of solid waste generation is 1 Kg/day. In which, 4 kg/day is the biodegradab waste &6 kg/day is the non-biodegradable waste ar this will be handed over to local vendors.		
[	П.	Operational Phase			
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal:	293kg/day This will be segregated at household levels and will be processed in proposed organic waste converter.	
			Capacity of facility: Area required:	300 kg/day 28 Sqm	
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal: Area required:	439 kg/day Recyclable wastes will be handed over to authorized waste recyclers 10 Sqm	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal:	60 L/Annum (0.12 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.	
			Area required:	4Sqm	
	d.	Quantity of E waste generation and mode of Disposal as per norms	Mode of Disposal: Area required:	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing. 4 Sqm	
<b>-</b>	19	POWER			
	<u>a.</u>	Total Power Requirement -	1685 kVA		

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	Operational Phase		· · · · · · · · · · · · · · · · · · ·		
h	Numbers of DG set and capacity in	300 KVA-1 No. & 500 KVA - 1 No.			
0.	KVA for Standby Power Supply	Stack Height	ARL - 7 m		
<b>c</b> .	Details of Fuel used for DG Set	176.96 l/hr			
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	5star rated transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc The overall energy savings is around 28.1 %			
20	PARKING	· · · · · · · · · · · · · · · · · · ·			
a.	Parking Requirement as per norms (ECS)	norms 393 ECS			-
	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Towards	Existing	Changed
<b>_</b>		Approach Road A A			A
0.		Sarjapura	Sarjapura	С	В
		Attibele Road	Attibele	С	В
<b>c</b> .	Internal Road width (RoW)	18.29m wide	Approach road	<b>-</b>	<b>_</b>
21	CER Activities	Renovation of class rooms & drinking wate facilities to Govt. Higher Primary Schoo Bidaraguppe Village			ng water School,
22		Construction Phase: Capital Investment – 14 Lakh			
	EMP (Details and capital cost &	Construction -	- 94.93 Lakh		
	recurring cost)	Operation Pha	se:		
		Capital invest	ment - 341.37	Lakh	
		Operation Investment – 23.96 Lakh/annum			

The proposal is for construction of residential building in an area earmarked for agriculture use as per Anekal local Planning Authority, for which Proponent informed that they have obtained conversion of land to residential use from DC.

The Committee during appraisal sought details regarding drain as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the primary darin in southern side, buffer of 9mtr is proposed from the edge of drain and for the tertiary drain in south west and inside the site area, buffer of 3mtrs from edge of drain on either sides is provided. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 244 KLD out of which about 162 KLD of fresh water requirement would be met from 3existing borewells in the proposed project area, only after obtaining NoC from KGWA for extraction of ground water. In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 162 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 300cum for runoff from rooftop and 100 cum capacity tanks for runoff from hardscape and landscape areas with 23 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

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The Proponent agreed to grow 200 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rain water storage structure of 300cum, 100cum and 23 recharge pits.
- 5. To grow 200 trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road.
- 12. Excess treated water should be utilized with in the site area.
- 13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

#### 322.1.6 Residential Apartment with Club House project at Sy.No.179 of Bagalur Village, Jala Hobli, Yelahanka Taluk, Bangalore Urban District by M/s. Kumar Properties Pvt. Ltd.– Online Proposal No.SIA/KA/INFRA2/495597/2024 (SEIAA 164 CON 2024)

SLNo. Particulars Information Provided by		Information Provided by Proponent	
1Proposed Residential Ap M/s. Kumar Properties P No. 23/3 Crescent Road, Club, Opp. Hotel Taj We Bengaluru North, Benga		Proposed Residential Apartment with Club houseby M/s. Kumar Properties Pvt. Ltd. No. 23/3 Crescent Road, High Grounds, Behind Golf Club, Opp. Hotel Taj West End- back entry, Bengaluru North, Bengaluru Urban - 560001.	
2	Name & Location of the Project	Residential Apartment with Club House project of Built up area 38,258.7Sqm at Sy.No.179 of Bagalur Village, JalaHobli, Yelahanka Taluk, Bangalore.	
3	Type of Development		
	Residential Apartment/Villas/Row Houses/Vertical Development / Office/IT/ITES/Mall/Hotel/Hospital /other	Residential Apartment with Club House Category 8(a)	

		Residential Township/Area	NA			
	b.	Development Projects				
			As per the CDP project site is designated as			
	с.	Zoning Classification	Agriculture zone; a	Agriculture zone: and the land has been converted for		
		Ũ	Residential purpose	S.		
		New/ Expansion/ Modification/	New			
4	ŀ	Renewal				
		Water Rodies/ Nales in the visinity	As per Village Man	TeritaryNala of 15m buffer left		
5	5	of project site	towards East side of	of project site.		
		of project site				
6	)	Plot Area (Sqm)	13,858.00 Sqm			
7		Built Up area (Sqm)	38,258.7 Sqm			
		FAR				
8	:	• Permissible	2.00			
		• Proposed	1.75	· · · · · ·		
		Building Configuration [Number				
		of Blocks / Toward / Wings ato				
9	)	with Numbers of Pasamanta and				
		Unner Floors				
		Number of units/riets in ease of	100			
14	n	Construction / Residential Townshin	100 nos.			
11	U I	(A rea Davidamment, Projects				
	1	/Area Development Projects				
1	1	Height Clearance	Low rise building.	· · · · · · · · · · · · · · · · · · ·		
Ľ	2	Project Cost (Rs. In Crores)	Ks. SUCr			
	-	Quantity excavated earth & its	During Construction	n total 35,000 Cum excavation		
1.	3	management	will be doneand Excavated earth we will be used			
			within our project site only.			
	4	Details of Land Use (Sqm)				
	a.	Ground Coverage Area	6021.73 Sqm			
	b.	Total Green belt on Mother Earth	3464.5 Sqm			
	C.	Internal Roads	4372.19 Sam			
ļĻ	d.	Paved area				
	е.	Others Specify				
		Parks and Open space in case of				
	f.	Residential Township/ Area				
		Development Projects				
$\square$	h.	Total	13,858.00 Sqm			
	5	WATER				
	I.	Construction Phase				
	<b>a</b> .	Source of water	BWSSB STP treate	d water/Nearby STP treated water		
	h	Quantity of water for Construction	50			
	<u> </u>	in KLD	· · · · ·			
	c	Quantity of water for Domestic	8			
	••	Purpose in KLD		:		
d. Waste water generati		Waste water generation in KLD	8			
		Treatment facility proposed and	Mobile sewage Tre	atment Plant		
	e.	scheme of disposal of treated				
		water				
	II.	Operational Phase	· · · · · · · · · · · · · · · · · · ·			
	a	Total Requirement of Water in	Fresh	55		

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		KLD	Recycled	40		
			Total	95		
	b.	Source of water	Borewell			
	с.	Wastewater generation in KLD	86	86		
1	d.	STP capacity and Area required	90 KLD			
	e.	Technology employed for Treatment	SBR Technology,	SBR Technology, Area required for STP is 90 Sqmt		
	f.	Scheme of disposal of excess	-			
<u> </u>	16	Infrastructure for Rain water harves	l tina			
<u> </u>		Canacity of sump/tank to store	300 m3 of collecti	on sump is provided		
	a.	Roof & Hardscape/soft scape run off	Area required for	Rain water tank is 300 Sqmt		
	b.	No's of Ground water recharge pits	15 nos.			
	1 77		We provided 300r	n3 of roof water collection sump		
	17	Storm water management plan	and 15 nos, of recharge pits all along the project site			
	18	WASTE MANAGEMENT	• • • • • • • • • • • • • • • • • • • •			
	I.	Construction Phase				
		Quantity of Construction	Demolition Waste	/ Construction Waste		
	a.	&Demolition waster and its management.	C & D waste gene	rated will be very minimal; this will		
			be utilized within	in the project site for formation of		
			paved roads.			
	L	Quantity of Solid waste generation	Quantity of solid waste generation during construction			
	0. and mode of Disposal other than		Mode of Dispessels City of the DDMD suther isles			
			Mode of Disposal	Given to BBMP authorities		
	<u>II.</u>	Operational Phase				
		Quantity of Biodegradable waste	Quantity:	180 kg/day		
		generation and mode of Disposal	Mode of	Biodegradable waste will be		
	а.	as per norms	Disposal:	processed in organic wasteconverter		
		(Capacity of Owe & Area required)	Capacity of	180kg/day Capacity		
			facility:			
	L	Quantity of Non-Biodegradable	Quantity:	100 kg/day		
	D.	Waste generation and mode of	Mode of	Non-Biodegradable waste will be		
		Disposal as per norms	Disposal:	given to authorized vendors		
		Quantity of Hazardous Waste	Quantity:	40-50lts		
	с.	generation and mode of Disposal	Mode of	Will be given to PCB authorized		
		as per norms	Disposal:	recycler		
		Ouantity of E waste generation	Quantity:	30 kg/year		
	d.	and mode of Disposal as per norms	Mode of	Will be given to PCB authorized		
			Disposal:	recycler		
]	9	POWER				
	a.	Total Power Requirement -	400kW			
		Operational Phase				
	Ь.	Numbers of DG set and capacity in	500 KVA X 1 Nos			
		KVA for Standby Power Supply				
	с.	Details of Fuel used for DG Set	Low Sulphuric diesel			
		Energy conservation plan and	63%			
	d.	rescentage of savings including				
		as per ECBC 2007				
		as per DCDC 2007				



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20	PARKING	
a.	Parking Requirement as per norms (ECS)	231 ECS
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report towardsBagluru road is B towards Sathnur Road is B
<b>c</b> .	Internal Road width (RoW)	8.0 mtrs
21	CER Activities	Infrastructure development of nearby Govt School/ Hospital.
22	EMP (Details and capital cost & recurring cost)	Construction phase:91.0 Lakhs Operation phase:438.0 Lakhs

The proposal is for construction of residential building in an area earmarked for agriculture use as per BDA, for which Proponent informed that they have obtained change of land use from BDA on 20.05.2024, for residential use.

The Committee during appraisal sought details regarding drain as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the tertiary drain in eastern side, buffer of 15mtrs is proposed from the center of drain. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 95KLD out of which about 55KLD of fresh water requirement would be met from 2 new borewells in the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water. In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 55 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 300Cum for runoff from rooftop, hardscape and landscape areas with 15recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 175 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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



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- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rainwater storage structure of 300 cum and 15 recharge pits.
- 5. To grow 175 trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road.
- 12. Excess treated water should be utilized with in the site area.
- 13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

#### 322.1.7 Residential Apartment Project at Sy.No.71/1 of Kannamangala Village, Kasaba Hobli, Devanahalli Taluk, Bangalore Rural District by M/s. Sanvi Constructions – Online Proposal No.SIA/KA/INFRA2/469879/2024 (SEIAA 165 CON 2024)

SLNo.	Particulars	Information Provided by Proponent
		Proposed Residential Apartment with Club houseby
1	Name & Address of the Project	M/s. Sanvi Constructions,
	Proponent	No. F3, Samveda Apartment, Sai Serenity Layout,
		Seegehalli, Bangalore-560049
		Residential Apartment and Club House project at Sy
2	Name & Location of the Project	Nos.71/1 of Kannamangala Village, KasabaHobli,
		Devanahalli Taluk, Bangalore Rural District.
3	Type of Development	
	Residential Apartment / Villas /	Residential Apartment with Club House
	Row Houses / Vertical	Category 8(a)
a.	Development / Office / IT/ ITES/	
	Mall/ Hotel/ Hospital /other	
	Residential Township/ Area	NA
0.	Development Projects	
		As per the Devanahalli LDP project site is designated as
c.	Zoning Classification	Road /transport zone; and the land has been converted
		for Residential purposes.
	New/ Expansion/ Modification/	New
4	Renewał	
5	Water Bodies/ Nalas in the	NA
	vicinity of project site	
6	Plot Area (Sqm)	10,622.90Sqm
7	Built Up area (Sqm)	47,142.56Sqm

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		FAR		
	8	Permissible	2.5	
	0	• Proposed	2.4	
ļ		• Proposed		
		Building Configuration [Number	2B+G+7UF	
	0	of Blocks / Towers / Wings etc.,	Residential Building TOWER – 1 & 2	
	,	with Numbers of Basements and		
		Upper Floors]		
		Number of units/plots in case of	360 nos.	
	10	Construction/Residential Township		
		/Area Development Projects		
	11	Height Claamage	As per CCZM perm	nissible height is 1065m AMSL
	11	rieignt Clearance	and proposed heigh	t is 951.95mtr AMSL
	12	Project Cost (Rs. In Crores)	Rs. 100cr	· · · · · · · · · · · · · · · · · · ·
			During Construction	n total 45 000 Cum excavation will
1	13	Quantity excavated earth & its	be doneand Excava	ted earth we will be used within
[		management	our project site only	
	14	Details of Land Use (Sam)	our project site only	
		Ground Coverage Area	3848 32Sam	
	h	Total Green belt on Mother Farth	1622 14Sam	
	0.	Internal Roads	1052.145qm	
	<u>,</u>	Daved area	4084.47 Sqm	
	<u>u</u> .		Vanak ana 500 42	C
i		Othern Specify	Karab area - 588.43 Sqm	
	е.	Outers Specify	Encroachment Area	1 IS 120.43 Sqm
		Dedre en d'Onen en esta in acceso f	Area under Existing	g road is 343.11 Sqm
	r	Parks and Open space in case of		
	<b>I.</b>	Residential Township/Area		
	1-	Development Projects		
	<u>n.</u>	I OTAI	10,622.90 Sqm	
		WATER		
	<u>l</u> .	Construction Phase		
	a.	Source of water	BWSSB STP treate	d water/Nearby STP treated water
	b.	Quantity of water for	25	
		Construction in KLD		
	c	Quantity of water for Domestic	4	
	<u>.</u>	Purpose in KLD		
	d.	Waste water generation in KLD	4	
	ا م ا	Treatment facility proposed and	Mobile sewage Trea	atment Plant
	<b>~</b> .	scheme of disposal of treated water		
	II.	Operational Phase		
		Total Baguinement of Watan in	Fresh	170
	a.	VID	Recycled	100
			Total	270
	b.	Source of water	Borewell	
	с.	Wastewater generation in KLD	250 KLD	
	d.	STP capacity and Area required	250KLD	
		Technology employed for	SBR Technology A	rea required for STP is 250 Samt
	e.	Treatment	,n	
		Scheme of disposal of excess	•	,
	t.	treated water if any		
1	16	Infrastructure for Rain water harves	ting	
		minastructure for Kalli water narvesting		

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		Canacity of sump/tank to store	240 m <sup>3</sup> of collection summ is provided	
	9	Roof & Hardscane/soft scane run	Area required for Dain water tank is 240 Samt	
	a.	off	Area required for Kain water tank is2405qm	
	h No's of Ground water recharge nits		10 nos	
	0.	Nos of Ground water recharge pits	We provided 240m2 of reaf veter callection sump	
1	17	Storm water management plan	and 10 nos of mehan	or root water conection sump
	0	WASTE MANAGEMENT	and to nos. offectial	ge pits an along the project site.
		WASTE MANAGEMENT		
1.		Construction Phase	Demolition Waste/ Construction Weste	
		Quantity of Construction	Demontion waste/ C	
	а.	&Demolition waster and its	C & D waste generat	ed will be very minimal; this will
		management.	be utilized within in the project site for formation of	
			paved roads.	
		Quantity of Solid waste	Quantity of solid was	ste generation during construction
	b.	generation and mode of Disposal	other than C&D0.5	kg/day
		other than C&D.	Mode of Disposal: G	iven to BBMP authorities
	II.	Operational Phase	· · · · · · · · · · · · · · · · · · ·	
		Quantity of Biodegradable waste	Quantity:	486 kg/day
		generation and mode of Disposal	Mode of Disposal:	Biodegradable waste will be
	a.	as per norms (Capacity of OWC & Area		processed in organic waste
	b.			converter
		required)	Capacity of facility:	486kg/day Capacity
		Quantity of Non-Biodegradable	Quantity:	324 kg/day
		waste generation and mode of	Mode of Disposal:	Non-Biodegradable waste will
		Disposal as per norms		be given to authorized vendors
	c.	Quantity of Hazardous Waste	Quantity:	100-150lts
		generation and mode of Disposal	Mode of Disposal:	Will be given to PCB authorized
		as per norms		recycler
		Quantity of E waste generation and mode of Disposal as per norms	Quantity:	150 kg/year
	d.		Mode of Disposal:	Will be given to PCB authorized
				recycler
1	19	POWER		
$\square$	•	Total Power Requirement -	1440kW	
	a.	Operational Phase		· · · · · · · · · · · · · · · · · · ·
[	h	Numbers of DG set and capacity in	250 KVA X 2 Nos	
	<u> </u>	KVA for Standby Power Supply		
	c.	Details of Fuel used for DG Set	Low Sulphuric diese	l
		Energy conservation plan and	22%	
[	d.	Percentage of savings including		
		plan for utilization of solar energy		
		as per ECBC 2007		
	20	PAKKING	400	
	a.	rarking kequirement as per	400	
-			Lavel of Semilar (LO	S) of the connecting Doods of
		Level of Service (LOS) of the	ner the Traffic Study	Report on NH-7 MCW and SP
	<b>b.</b>	connecting Roads as per the	towarde Airport eign	al is R and
		Traffic Study Report	towards Bangalore C	ity is C
o Internet Door		Internal Road width (RoW)	8.0 m	
<u> </u>	$\frac{v}{21}$		Infrastructure development of nearby Govt School/	
	- 1	CER Activities	Hospital.	
			· · · · · · · · · · · · · · · · · · ·	

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22	EMP (Details and capital cost &	Construction phase:135.2 Lakhs
	recurring cost)	Operation phase:676.0 Lakhs

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that there are old buildings and demolition waste of 500cum would be generated and would be utilized within the site area and no construction activity has started. The Committee noted the clarification given by the Proponent.

The proposal is for construction of a residential apartment project in an area demarcated for transport and road use as per BIAAPA, for which Proponent informed that they have obtained conversion of land to residential use from DC and had obtained development plan from BIAAPA on 25.09.2024.

The Committee during appraisal sought details regarding foot kharab as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the foot kharab is rerouted as per DC Order dated 21.04.2024 and they are providing free access to public for the rerouted kharab. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 270 KLD out of which about 170KLD of fresh water requirement would be met from 3 existing and 2 new borewells in the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water. In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 170 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 240Cum for runoff from rooftop, hardscape and landscape areas with 10 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 135 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.

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- 4. To provide rain water storage structure of 240 cum and 10 recharge pits.
- 5. To grow 135 trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road and to provide free public access in kharab area.
- 12. Excess treated water should be utilized with in the site area.
- 13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

#### 322.1.8 Residential Apartment and Club House Project at Sy.Nos.83/2, 83/3, 82/3, 82/2, 82/1 & 78 of Dommasandra Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. United Projects Maple City – Online Proposal No.SIA/KA/INFRA2/471337/2024 (SEIAA 166 CON 2024)

SLI	No.	Particulars	Information Provided by Proponent
1		Name & Address of the Project Proponent	Proposed Residential Apartment with Club houseby M/s. United Projects Maple City, Sy.No.83/2 of K. Dommasandra Village,BidarahalliHobli,Bangalore East Taluk, Bangalore – 560067.
2		Name & Location of the Project	Residential Apartment and Club House project at Sy.Nos. 83/2, 83/3, 82/3, 82/2, 82/1, 78 of Dommasandra Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore.
1	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)
	b.	Residential Township/ Area Development Projects	NA
	c.	Zoning Classification	As per the CDP project site is designated as residential zone.
4	1	New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	<ol> <li>Towards North- east side Secondary Nala</li> <li>Towards South Direction Physically Tertiary Nala is present</li> </ol>
6		Plot Area (Sqm)	12,443.98 Sqm
7	7	Built Up area (Sqm)	45,569.21Sqm
8	3	FAR <ul> <li>Permissible</li> <li>Proposed</li> </ul>	2.5 2.5

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9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and	Wing 01 & 02 - (B+ Club house - (B+G-	G+14 UF) +3UF)	
	Upper Floors]			
10	Number of units/plots in case of Construction/Residential Township /Area Development Projects	262 nos.	262 nos.	
11	Height Clearance	Height of the propos and within the limits	sed project is 935.95mtr AMSL s of CCZM 1010M AMSL	
12	Project Cost (Rs. In Crores)	Rs. 90cr		
13	Quantity excavated earth & its management	During Construction be doneand Excavat our project site only	n total 22,000 Cum excavation will ed earth we will be used within	
14	Details of Land Use (Sqm)			
a.	Ground Coverage Area	2978.28 Sqm		
b.	Total Green belt on Mother Earth	3626.964 Sqm		
<b>c</b> .	Internal Roads	5485.17 Sam		
<u>d.</u>	Paved area	- iouir oqui		
e.	Others Specify	Kharab area is 354.	10 Sqm	
	Parks and Open space in case of			
f.	Residential Township/ Area			
	Development Projects			
<u> </u>		12,443.98 Sqm		
15	WATER Construction Phase			
<b>I</b> .	Construction Phase	DWCCD CTD treate	d water Alaarby STD treated water	
a.	Source of water	BW55B51P treated water/Nearby S1P treated water		
b.	Construction in KLD	25		
<b>c</b> .	Quantity of water for Domestic Purpose in KLD	4		
<u>d.</u>	Waste water generation in KLD	4		
e	Treatment facility proposed and	Mobile sewage Trea	atment Plant	
0.	scheme of disposal of treated water			
	Operational Phase	· _ · · · · · · · · · · · · · · · · · ·		
	Total Requirement of Water in	Fresh	120	
a.	KLD	Recycled	75	
			195	
<b>D.</b>	Westewater concertion in VID	176	· · ·	
	STD canacity and Area maying	190 KID	· · · · · · · · · · · · · · · · ·	
e.	Technology employed for	SBR Technology, A	area required for STP is 180Sqmt	
<b>f</b> .	Scheme of disposal of excess treated water if any	-		
16	Infrastructure for Rain water harves	rvesting		
	Capacity of sump/tank to store	180 m3 of collection	n sump is provided	
a.	Roof & Hardscape/soft scape run off	Area required for Rain water tank is180Sqmt		
b.	No's of Ground water recharge pits	36 nos.		
17	Storm water management plan	We provided 180m3 of roof water collection sump and 36 nos. of recharge pits all along the project site.		
		29		



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	18	WASTE MANAGEMENT			
	I.	Construction Phase			
	a.	Quantity of Construction & Demolition waster and its management.	Demolition Waste/ Construction Waste C & D waste generated will be very minimal; this will be utilized within in the project site for formation of payed made		
	b.	Quantity of Solid waste generation and mode of Disposal other than C&D.	Quantity of solid waste generation during construction other than C&D0.5kg/day Mode of Disposal: Given to BBMP authorities		
	II.	Operational Phase			
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms(Capacity of OWC & Area required)	Quantity: Mode of Disposal: Capacity of	354 kg/day Biodegradable waste will be processed in organic waste converter 354kg/day Capacity	
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal:	236 kg/day Non- Biodegradable waste will be given to authorized vendors	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal:	150-180 lts Will be given to PCB authorized recycler	
	d.	Quantity of E waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal:	150 kg/year Will be given to PCB authorized recycler	
-	19	POWER			
	a.	Total Power Requirement - Operational Phase	1048kW		
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 2 Nos		
[	c.	Details of Fuel used for DG Set	Low Sulphuric die	sel	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	19.0%		
	20	PARKING			
	a.	Parking Requirement as per norms (ECS)	289		
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Level of Service (LOS) of the connecting Roads a per the Traffic Study Report on SH-35 towards SH-35 is B		
	C.	Internal Road width (RoW)	8.0 m		
2	21	CER Activities	To provide infrastructure development of nearby Govt School/ Hospital.		
2	22	EMP (Details and capital cost & recurring cost)	Construction phase Operation phase:54	:120.0 Lakhs 0.0 Lakhs	

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the site is vacant land and no construction activity has started. The Committee noted the clarification given by the Proponent.



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The proposal is for construction of a residential apartment project in an area demarcated for residential use as per RMP of BDA.

The Committee during appraisal sought details regarding drain and foot kharab as per village map, sensitive zone as per zoining regulations, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the foot kharab is rerouted as per DC Order dated 16.03.2023 and they are providing free access to public for the rerouted kharab and for the secondary drain in north eastern side, buffer of 25mtrs is proposed from the center of the drain and for the tertiary drain in south, buffer of 15mtrs is proposed from the center of the drain. Regarding the sensitive zone, Proponent informed that they have obtained clearance from BDA for the sensitive zone on 27.12.2022. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 195KLD out of which about 120 KLD of fresh water requirement would be met from 3 existing and 1 new borewell in the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 120 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 180Cum for runoff from rooftop another tank of 410cum for runoff from hardscape and landscape areas with 36 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 155trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rainwater storage structure of 180cum & 410cum and 10 recharge pits.
- 5. To grow 135 trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.

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- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road and to provide free public access in kharab area.
- 12. Excess treated water should be utilized with in the site area.
- 13. To adhere to the conditions stipulated in sensitive zone clearance.
- 14. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.
- Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

#### 322.1.9 Development of Residential Apartment with Club House Project at Sy.Nos.46/5, 46/8, 46/9 of Huskuru Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Amogaya Projects – Online Proposal No.SIA/KA/INFRA2/469646/2024 (SEIAA 167 CON 2024)

SI.N	lo.	Particulars	Information Provided by Proponent	
1		Name & Address of the Project Proponent	Proposed Residential Apartment with Club house by M/s. Amogaya projects, No. 308, 2 <sup>nd</sup> floor,100 feet road, Indira nagar 1 <sup>st</sup> stage, Bangalore-560038	
	2	Name & Location of the Project	Residential Apartment and Club House project at Sy Nos. 46/5, 46/8, 46/9, Huskuru village, Bidarahalli hobli, Bangalore cast taluk, Bangalore	
	3	Type of Development		
	a.	Residential Apartment / Villas / Row Houses / Vertical Development/ Office / IT/ ITES/Mall/ Hotel/ Hospital /other	Residential Apartment with Club House Category 8(a)	
	b.	Residential Township/ Area Development Projects	NA	
	c.	Zoning Classification	As per Hoskote planning area project site comes under Commercial zone;.	
4		New/ Expansion/ Modification/ Renewal	New	
-	5	Water Bodies/ Nalas in the vicinity of project site	NA	
(	5	Plot Area (Sqm)	8043.06Sqm	
	7	Built Up area (Sqm)	29,107.11Sgm	
٤	8	FAR • Permissible • Proposed	2.5 2.5	
9	)	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Apartments – Tower A: B+G+14 UF Tower B: B+G+14 UF Clubhouse: G+ 1 UF	
1	0	Number of units/plots in case of Construction/Residential Township /Area Development Projects	135 nos.	
1	1	Height Clearance	As per CCZM permissible height is 1035m	

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		AMSL and proposed height is 937.95		ed height is 937.95m AMSL	
1	2	Project Cost (Rs. In Crores)	Rs. 80cr		
			During Construction total 37,820 Cum		
13		Quantity excavated earth & its	excavation will be	doneand Excavated earth we	
		management	will be used within	n our project site only.	
1	4	Details of Land Use (Sqm)			
	a.	Ground Coverage Area	2,212.47 Sqm		
	b.	Total Green belt on Mother Earth	2,781.29 Sqm		
1	с.	Internal Roads	2 040 02 Sam		
	d.	Paved area	3,049.92 Sqm		
	е.	Others Specify			
		Parks and Open space in case of			
	f.	Residential Township/ Area			
ļ		Development Projects			
	h.	Total	8,043.06 Sqm		
1	5	WATER			
	I.	Construction Phase			
	2	Source of water	BWSSB STP treat	ted water/Nearby STP treated	
	a.		water		
	h	Quantity of water for Construction in	25		
1	0.	KLD			
		Quantity of water for Domestic Purpose	4		
	<u> </u>	in KLD			
	d.	Waste water generation in KLD	4		
	6	Treatment facility proposed and scheme	Mobile sewage Tr	reatment Plant	
		of disposal of treated water			
	<u>II.</u>	Operational Phase			
		Total Requirement of Water in KLD	Fresh	67	
1	a.		Recycled	33	
	L		Total	100	
	<u>b.</u>	Source of water	Borewell		
	<b>c</b> .	Wastewater generation in KLD	90		
1	<u>d.</u>	STP capacity and Area required	95KLD	A	
	e.	Technology employed for Treatment	SBR Technology,	Area required for STP is 95	
	<b></b>		Sqmt		
	f.	Scheme of disposal of excess treated	-		
		water if any			
		intrastructure for Rain water narvesting	200m2 of collecti	on sumn is provided	
	<b>a</b> .	Capacity of sumpliant to store Root	A rea required for	Rain water tank is 2005amt	
	L	Note of Ground water recharge pits	10 nos	Kam water turk iszoosymt	
	0.	1405 01 Olounu water reenarge pits	10 IIOS. We provided 200m2 of roof writer collection		
	17	Storm water management nian	sump and 10 nos of recharge nits all along the		
	17	Storm water management plan	sump and to nos. Of recharge pits an along the		
	18	WASTE MANAGEMENT	Project Site.	· · · · · · · · · · · · · · · · · · ·	
	Γ.	Construction Phase			
			Demolition Waste	e/ Construction Waste	
		Quantity of Construction & Demolition	C& Duracte gen	ersted will be very minimal.	
	a.	waster and its management	this will be utilized	and within in the project site for	
			formation of nave	a marin in the project size for	
	1		1. Simulon of pure		



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	-			
	h	Quantity of Solid waste generation and mode of Disposal other than C&D.	Quantity of s	olid waste generation during
	<b>D</b> .		construction of	other than C&DU.5kg/day
1	Π	Operational Phase	Node of Disp	I Given to BBMP authorities
1		Operational Thase	Quantitu	122 1-2/1-2
		Quantity of Riodogradable waste	Quantity:	122 kg/day
	1	generation and mode of Disposal as nor	Mode of	Biodegradable waste will be
	a.	norms	Disposai:	processed in organic waste
		(Canacity of OWC & Area required)	Canadita	
		(Cupuelly of once te filea required)	facility of	122kg/day Capacity
		Quantity of Non-Biodegradable waste	Quantity:	192 1-0/102
	Ь	generation and mode of Disposal as per	Mode of	Non Diadogradable wests will be
	0.	norms	Disposal	riven to authorized wandom
}		Quantity of Hazardova Weste	Dispusai.	50 60lts
	6	generation and mode of Disposal as per	Quantity.	50-00ILS
1	Ŭ.	norms	Mode of	Will be given to PCB authorized
			Disposal:	recycler
	a	Quantity of E waste generation and mode of Disposal as per norms	Quantity:	50 kg/year
	a.		Mode of	Will be given to PCB authorized
1	0	POWER	Disposal:	recycler
	<u> </u>	Total Power Requirement Onomtional	540 KW	
1	a.	Phase	540 K W	
		Numbers of DG set and canacity in	500 KVA X 1 No	
	<b>b</b> .	KVA for Standby Power Supply	JUO KVAATNO.	
	c.	Details of Fuel used for DG Set	Low Sulphuric dieset	
		Energy conservation plan and	24.0%	
		Percentage of savings including plan for	21.070	
	d.	utilization of solar energy as per ECBC		
		2007		
2	0	PARKING		
	a.	Parking Requirement as per norms (ECS)	149	
			Level of Servi	ce (LOS) of the connecting Roads
		Level of Somico (LOS) of the	as per the Traf	ffic Study Report on OMR
	ъ	connecting Poads as per the Traffic	towards KR P	uram MCW signal is D
	υ.	Study Report	towards KR P	uram SR is B
		Surg Report	towards Hoska	ote MCW is D
ļ			towards Hoska	ote SR is B
	с.	Internal Road width (RoW)	8.0 m	
2	I	CER Activities	To provide inf	frastructure development of nearby
			Govt School/ ]	Hospital.
22	2	EMP (Details and capital cost &	Construction p	bhase:113.0 Lakhs
		recurring cost)	Operation phase: 588.0 Lakhs	

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that the site is vacant land and no construction activity has started. The Committee noted the clarification given by the Proponent.

The proposal is for construction of a residential apartment project in an area demarcated for industrial use as per Hoskote Planning Authority, for which Proponent informed that they had obtained conversion of land to residential use from DC.



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The Committee during appraisal sought details regarding source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that regarding source of water during operation they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 100KLD out of which about 67KLD of fresh water requirement would be met from 2 existing borewells, only after obtaining NoC from KGWA for extraction of ground water. In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 67 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 200Cum for runoff from rooftop, hardscape and landscape areas with 10recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 100 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rainwater storage structure of 200 cum and 10 recharge pits.
- 5. To grow 100 trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road
- 12. Excess treated water should be utilized with in the site area.
- 13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.
- Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

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## 322.1.10 Residential Building with Club House project at Sy.Nos.45/2, 45/3,45/4, 45/5, 45/7, 45/8, 45/9, 45/10, 45/11, 45/12, 46/4, 46/5, 46/13 & 46/19 of Chickenekkundi Village, Sarjapur Hobli, Anekal Taluk, Bangalore Urban District by M/s. Surya Builders and Developers – Online Proposal No.SIA/KA/INFRA2/469458/2024(SEIAA 168 CON 2024) About the project:

SLNo.	Particulars	Information Provided by Proponent
1	Name & Address of the Project Proponent	Proposed Residential Building with Club House (ROW HOUSE BUILDING)by M/s. SURYA BUILDERS AND DEVELOPERS, Rep. by its Managing Partner Mr. T. MAHESHWARA REDDY, No.976/D, AECS Layout, 'A' Block, Singasandra Post, Bangalore- 560068
2	Name & Location of the Project	Residential Building with club house project at Sy.Nos.45/2, 45/3,45/4, 45/5, 45/7, 45/8, 45/9, 45/10, 45/11, 45/12, 46/4, 46/5, 46/13 & 46/19 of Chickenekkundi Village, SarjapurHobli, Anekal Taluk, Bangalore.
3	Type of Development	
	Residential Apartment / Villas / Row a. Houses /Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other Residential Township/ Area	Residential Building with Club House (ROW HOUSE BUILDING) Category 8(a) NA
	c. Zoning Classification	As per the CDP project site is designated as Agricultural zone; and the land has been converted for Residential purposes.
4	New/ Expansion/ Modification/ Renewal	New
5	Water Bodies/ Nalas in the vicinity of project site	<ul> <li>1.Towards South left 25m Secondary Nala Buffer As per Village Map</li> <li>2.Towards West left 25m Nala Buffer As per CDP / RTC</li> <li>3.Towards East 15m Nala buffer is left</li> <li>4 Lake is at distance of 135 07 m from project site</li> </ul>
6	Plot Area (Sam)	36 952 55 Sam
7	Built Up area (Sqm)	49.226.28 Sam
8	FAR • Permissible • Proposed	2.0 1.01
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Buildings 01 &11 - (G+ 02UF) building height of 9.90 m. Club house 1 & 2- (B+G+41 JE)
10	Number of units/plots in case of Construction/Residential Township/Area Development Projects	147 nos.
11	Height Clearance	As per CCZM permissible top elevation is 928m AMSL and proposed height is 920.95m AMSL
12	Project Cost (Rs. In Crores)	Rs. 100cr
13	Quantity excavated earth & its	During Construction total 30,000 Cum excavation



	·	management	will be doneand E	xcavated earth we will be used
			within our project	site only.
14	1	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	16,869.53 Sqm	
	b.	Total Green belt on Mother Earth	3557.84 Sqm	
	c.	Internal Roads Paved area	- 12,334.0 Sqm	
			Kharab area is 144	41.68 Sqm
			Area under Existin	ng road is 17.33 Sqm
	e.	Others Specify	Site area for Deve	elopment is 35,493.54 Sqm
			Road Widening A	rea is 34.20 Sqm
			Net Site area is 35	5,459.34 Sqm
	f.	C.A Site area	1785.24 Sqm	
ĺ		Parks and Open space in case of		
	g.	Residential Township/ Area Developmen	nt	
		Projects		
i i	h.	Total	36,952.55 Sqm	
1.	5	WATER	<u></u>	
<b></b>	I.	Construction Phase		
	a.	Source of water	<b>BWSSB STP treate</b>	d water/Nearby STP treated water
	b.	Quantity of water for Construction in KLD	25	
	c.	Quantity of water for Domestic Purpose in KLD	4	
	d.	Waste water generation in KLD	4	
ļ		Treatment facility proposed and	Mobile sewage Tre	atment Plant
1	e.	scheme of disposal of treated water		
	II.	Operational Phase		
1			Fresh	57
	a.	Total Requirement of Water in KLD	Recycled	47
			Total	104
	b.	Source of water	Borewell	
1	c.	Wastewater generation in KLD	94	
	d.	STP capacity and Area required	95KLD	
	e.	Technology employed for Treatment	SBR Technology,	Area required for STP is 95Sqmt
	f.	Scheme of disposal of excess treated water if any	-	
1	6	Infrastructure for Rain water harvesting	· · ·	
	T	Capacity of sump/tank to store Roof &	680 m3 of collect	tion sump is provided
	a.	Hardscape/soft scape run off	Area required for	Rain water tank is680Sqmt
	Ъ.	No's of Ground water recharge pits	36 nos.	
1	7	Storm water management plan	We provided 1801 and 15 nos of rec	m3 of roof water collection sump harge pits all along the project site.
	8	WASTE MANAGEMENT		Q _ F
<u> </u>	Ī	Construction Phase	<u> </u>	
	╀┻		Demolition Wast	e/ Construction Waste
		Quantity of Construction & Demolition	C & D waste gen	erated will be very minimal; this
	a	waster and its management.	will be utilized w	vithin in the project site for
			formation of pave	ed roads.
	b	. Quantity of Solid waste generation and	Quantity of solid	waste generation during



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		mode of Disposal other than C&D	construction of	her than C&D. A Ska/day
		induc of Disposar other than C&D.	Mode of Disne	colt Civer to DDMD outhorities
			Node of Dispo	sal: Given to BBMP authorities
	11	. Operational Phase		
			Quantity:	200 kg/day
		Quantity of Biodegradable waste	Mode of	Biodegradable waste will be
		generation and mode of Disposal as per	Disposal:	processed in organic waste
	- a.	norms		converter
		(Capacity of OWC & Area required)	Capacity of	200kg/day Capacity
			facility:	
	·	Quantity of Non-Biodegradable waste	Quantity:	130 kg/day
1	b.	generation and mode of Disposal as per	Mode of	Non-Biodegradable waste will be
		norms	Disposal:	given to authorized vendors
		Quantity of Hazardous Waste	Quantity:	80-100lts
	c.	generation and mode of Disposal as per	Mode of	Will be given to PCB authorized
		norms	Disposal:	recycler
			Quantity:	80 kg/year
	d.	Quantity of E waste generation and	Mode of	Will be given to PCB authorized
		mode of Disposal as per norms	Disposal:	recycler
19	<b>)</b>	POWER		
	·	Total Power Requirement -Operational	588kW	
	a.	Phase		
	L	Numbers of DG set and capacity in	250 KVA X 2 1	Nos
1	υ.	KVA for Standby Power Supply		
	c.	Details of Fuel used for DG Set	Low Sulphuric	diesel
		Energy conservation plan and Percentage	59.0%	
,	d.	of savings including plan for utilization		
		of solar energy as per ECBC 2007		
20		PARKING		·
	a.	Parking Requirement as per norms (ECS)	287	
		Level of Service $(1, OS)$ of the connecting	Level of Service	e (LOS) of the connecting Roads as
	b.	Roads as per the Traffic Study Report	per the Traffic S	Study Report on SH-35
		Rouds as per ale Tranic Study Report	towards SH-35	is B
	<b>c</b> .	Internal Road width (RoW)	8.0 m	
21	1	CER Activities	To provide infi	rastructure development of nearby
			Govt School/ H	ospital.
22		EMP (Details and capital cost &	Construction ph	ase:133.0 Lakhs
		recurring cost)	Operation phase	:283.0 Lakhs

The proposal is for construction of residential building in an area earmarked for agriculture use as per BDA, for which Proponent informed that they have obtained conversion of land to residential use from DC.

The Committee during appraisal sought details regarding drain & water body as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the water body in east is at a distance of 135mts to the site area and out of the buffer zone, regarding the secondary drain in western & sourthern sides, buffer of 25mtrs is proposed from the center of the drain. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 104 KLD out of which about 57 KLD of fresh water requirement would be met from 2 existing borewells in the proposed project area,



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only after obtaining NoC from KGWA for extraction of ground water. In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 57 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures with total capacity of680Cum for runoff from rooftop and additional tank of 180cum for hardscape and landscape areas with 36 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 465 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rain water storage structure of 680cum, 180cum and 36 recharge pits.
- 5. To grow 465 trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road.
- 12. Excess treated water should be utilized with in the site area.
- 13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

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#### 322.1.11 Amendment of E.C. - Residential Apartment Project at Sy.Nos.7/1, 7/2, 7/3P, 9/1P, 9/2P & 10 of Kempanahalli Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru Urban District by M/s. Ajmera Housing Corporation - Online Proposal No.SIA/KA/INFRA2/494955/2024(SEIAA 01 CON 2017)

#### About the project:

The proposal is for issue of amendment to EC issued by SEIAA on 26.04.2017. The Proponent informed that due technical and commercial reasons with reference to EC issued earlier, they had applied for amendment and submitted CCR from MoEF&CC dated 20.09.2024, informing that the project is under construction stage and requested the Committee to issue an amendment with the following changes,

Parameters	As per EC No. SEIAA 1	As per EC Amendment	Remarks
	CON 2017 dated 26.04.2017	(Now Applying)	
Total Plot Area	42.491.62 Sqm	42.491.62 Sqm	No Change
Total Built up area	1,44,875.91 Sqm	1,43,484.48 Sqm	Decreased by 1391.43 Sqm
No of units	1216 Units	852 Units	Decreased by 364 Units
Building	4 Towers with B+S+19 UF	Total 3 Buildings out of which	-
Configuration	each and 2 Nos of club	Building 1 (Wing A & B) with	
-	house with G+2UF	B+G+19 UF, Building 2 (Wing C	
		& D) with B+G+14 UF, Building	
		3 (Wing E & F And Wing G & H)	
		with B+G+21 UF each and club	
		house with B + G+3UF.	
Water Consumption	820 KLD	680 KLD	Decreased by 140 KLD
Waste water	740 KLD	544 KLD	Decreased by 196 KLD
generation			
STP Capacity	750 KLD	600 KLD	Decreased by 150 KLD
Total solid wastes	3040 kg/Day	2352 kg/Day	Decreased by 688 kg/day
Organic waste	1824 kg/day	1418.2 kg/day	Decreased by 405.8 kg/day
Inorganic waste	1216 kg/day	933.8 kg/day	Decreased by 282.2 kg/day
STP sludge	37 kg/day	27.20 kg/day	Decreased by 9.80 kg/day
DG Set Capacity	3 No X 500 KVA	3 No X 500 KVA	No Change
Rain water	100 Cum	100 cum	No Change
harvesting Sump			<b>b</b> -
capacity			
Number of Recharge	8 Nos of 1.8 m Dia & 3.0 m	8 Nos of 1.8 m Dis & 3.00 m	No Change
Pits	Depth proposed to harvest	Depth proposed to harvest payed	
	paved area runoff and 14	area runoff and 14 Nos of pits to	(
	Nos of pits to harvest	harvest hardscape runoff	
	hardscape runoff	• · · · · · · · · · · · · · · · · · · ·	
Capital Investment	200 Crores	200 Crores	No Change

The Committee noted the changes requested by Proponent for the amendment and after discussion decided to recommend the proposal to SEIAA for issue of amendment to EC with a condition that,

- 1. To provide tertiary treatment facility in the proposed project.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To incorporate catalytic converter for DG sets with dual fuel option.

and all other conditions remain same and unchanged for the EC issued by SEIAA on 26.04.2017.

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

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322.1.12 Residential Apartment & Club House Project at Sy.Nos.30/24B, 30/24C, 30/25A1 & 30/25B of Thirupalya Village, Jigani Hobli, Anekal Taluk, Bengaluru Urban District by M/s. Prestige Estates Projects Ltd. – Online Proposal No.SIA/KA/INFRA2/493796/2024 (SEIAA 169 CON 2024)

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

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

322.1.13 Residential Apartment Building with club house Project at Sy.Nos.9/2, 9/3, 9/4 & 9/5 of ThimmadanhalliVillage, Anugondanahalli Hobli, Hoskote Taluk, Bangalore Rural District by M/s. Bold Developers – Online Proposal No.SIA/KA/INFRA2/473153/2024(SEIAA 170 CON 2024)

SI.N	lo.	Particulars	Information Provided by Proponent
1		Name & Address of the Project Proponent	Proposed Residential Apartment with Club by M/s. BOLD DEVELOPERS, 2 <sup>nd</sup> Floor 4/1, ASN shelters Pvt. Ltd., Khata No.1161, PattandurAgrahara Village, K.R. Puram Hobli, Bengaluru East Taluk, Bangalore Urban, Bangalore - 560066.
2		Name & Location of the Project	Residential apartment with club house project at Sy.Nos.9/2, 9/3,9/4 & 9/5 of Thimmadanhalli Village, Anugondanahalli Hobli, Hoskote Taluk, Bangalore Rural District.
3	_	Type of Development	
	a.	Residential Apartment/Villas/ Row Houses/Vertical Development/ Office/IT/ITES/Mall/ Hotel/ Hospital/ other	Residential Apartment Building in Approved Residential Single Site Plan with club house project Category 8(a)
	b.	Residential Township/ Area Development Projects	NA
	c.	Zoning Classification	As per the CDP project site is designated as residential zone.
4	1	New/ Expansion/ Modification/ Renewal	New
	5	Water Bodies/ Nalas in the vicinity of project site	Kunte / water body at North-East as per Village Map.
	5	Plot Area (Sgm)	9712.32Sqm
	7	Built Up area (Sqm)	26,670.92 Sqm
	8	FAR   Permissible  Proposed	1.75 1.74
	9	Building Configuration [Number of Blocks /Towers /Wings etc., with Numbers of Basements and Upper Floors]	No. of Units: 180 units (S+G+3 UF) building height of 14.95 m.
1	.0	Number of units/plots in case of Construction/Residential Township /Area Development Projects	180 nos.
1	1	Height Clearance	Low rise structure

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<b></b>	12	Project Cost (Rs. In Crores)	Rs. 80 cr	······································
		Quantity avaguated south & its	During Construction	on total 20,000 Cum excavation will
	13	Quality excavated earth & its	be doneand Excava	ated earth we will be used within our
			project site only.	
	14	Details of Land Use (Sqm)		
	а.	Ground Coverage Area	6424.84 Sqm	
	<b>b</b> .	Area under road	437.72 Sqm	
	<b>c</b> .	Total Green belt on Mother Earth	1112.95 Sqm	
1	<u>d</u> .	Internal Roads	1920 97 Sam	
	е.	Paved area	1823.07 5411	
	<u>f</u> .	Others Specify		
		Parks and Open space in case of		
	g.	Residential Township/ Area		
		Development Projects		
	<u>  h.</u>	Total	9712.32 Sqm	
	15	WATER	``	
	<u> </u>	Construction Phase		
	<u>a.</u>	Source of water	BWSSB STP treate	ed water/Nearby STP treated water
	<b>b</b> .	Quantity of water for Construction	25	
		in KLD		
	<b>c</b> .	Quantity of water for Domestic	4	
		Purpose in KLD		
	<u>a</u> .	waste water generation in KLD	4	
	e.	Treatment facility proposed and	Mobile sewage Tre	atment Plant
	TT_	Operational Disposal of treated water		
		Operational Phase		
		Total Requirement of Water in	Fresh	75
	a.	KLD	Recycled	46
	h	Soume of water		121
	<u> </u>	Wastewater generation in VI D	Borewell	
	<u>d</u>	STP capacity and Area manimul	97 100 VI D	
	<u>.</u>	Technology employed for	SDD Testerst	
	e.	Treatment	SBR Technology, A	trea required for STP is 100 Sqmt
		Scheme of disposal of excess		
	<b>f</b> .	treated water if any	-	
	16	Infrastructure for Rain water harvest		
	<u> </u>	Capacity of sump/tank to store Roof	295 m3 of collection	n sumn is provided
	a.	& Hardscape/soft scape run off	Area required for R	ain water tank is 2055 amt
	b.	No's of Ground water recharge nits	07 nos	ani water talik is295Sqifit
	17		We provided 295 m	3 of of mof water collection summer
	1/	Storm water management plan	and 07 nos. of recha	rge pits all along the project site
	18	WASTE MANAGEMENT		se prie un along ale project site.
	I.	Construction Phase		
			Demolition Waste/	Construction Waste
		Quality of Construction	C & D waste genera	ted will be very minimaly this will
	а.	management	be utilized within in	the project site for formation of
		management.	paved roads.	and project site for romation of
	h	Quantity of Solid waste generation	Quantity of solid wa	ste generation during construction
	Ο.	and mode of Disposal other than	other than C&D0.5	kg/dav
				<u> </u>

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		C&D.	Mode of Disposal	: Given to BBMP authorities
	II.	Operational Phase		
		Quantity of Biodegradable waste	Quantity:	243 kg/day
	а.	generation and mode of Disposal as	Mode of Disposal:	Biodegradable waste will be
	ч.	per norms(Capacity of OWC &		processed in organic waste converter
		Area required)	Capacity of facility	250kg/day Capacity
		Quantity of Non-Biodegradable	Quantity:	162 kg/day
	b.	waste generation and mode of	Mode of Disposal:	Non-Biodegradable waste will be
		Disposal as per norms		given to authorized vendors
	:	Quantity of Hazardous Waste	Quantity:	120-150lts
	c.	generation and mode of Disposal as	Mode of Disposal:	Will be given to PCB authorized
		per norms		recycler
		Quantity of E waste generation and	Quantity:	100 kg/year
	d.	mode of Disposal as per norms	Mode of Disposal:	Will be given to PCB authorized
			<u></u>	recycler
	9	POWER	,	
	а.	Total Power Requirement -	780kW	
		Operational Phase		
	h.	Numbers of DG set and capacity in	250 KVA X 2 Nos	5
	Ŭ.	KVA for Standby Power Supply	· · · · · · · · · · · · · · · · · · ·	
	с.	Details of Fuel used for DG Set	Low Sulphuric die	sel
		Energy conservation plan and	37%	
	d.	Percentage of savings including		
		plan for utilization of solar energy		
		as per ECBC 2007		
2	20	PARKING		
	a.	Parking Requirement as per norms	198 ECS	
]		(ECS)		
		Level of Service (LOS) of the	Level of Service	(LOS) of the connecting Roads as
	<b>b</b> .	connecting Roads as per the Traffic	per the Traffic S	tudy Report towards SH-35 is B.
		Study Report		· · · · · · · · · · · · · · · · · · ·
	<u>c.</u>	Internal Road width (Row)	4.0 m	
4	21	CER Activities	To provide inf	rastructure development of nearby
F_			Govt School/ Ho	
2	.2	EMP (Details and capital cost &	Construction pha	ase: 113.0 Lakhs
		recurring cost)	Operation phase	:388.0 Lakhs

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

The Committee during appraisal sought details regarding cart track & water body as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the water body in north eastern side buffer of 30mtr is proposed from edge of the water body and the cart track in western side is left as it is with free public access. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 121KLD out of which about 75KLD of fresh water requirement would be met from 2 existing borewells and 1 proposed bore wellin the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water. In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 75 KLD of ground water will not have adverse impact on ground water.



Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures with total capacity of 295 Cum for runoff from rooftop, hardscape and landscape areas with 07 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 125 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rain water storage structure of 295 cum and 7 recharge pits.
- 5. To grow 125trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road.
- 12. Excess treated water should be utilized with in the site area.
- 13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

322.1.14 Development of Warehouse Project at Sy.Nos.24/1, 24/2, 25/2, 25/1A, 25/1B & 26/1 of Besthamanahalli Village, Kasaba Hobli, Anekal Tałuk, Bengaluru Urban District by M/s. Goldberg Logitech Solutions Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/496178/2024 (SEIAA 171 CON 2024)

About the project:

Sl. No	Particulars	Information Provided by PP
1	Name & Address of the Project Proponent	Mr. Likhith Prakash Reddy, Authorized Signatory, M/s. Goldberg Logitech Solutions Pvt. Ltd. No.5, Srivari Nilaya, Hulimavu, BG Road, Bengaluru-76.

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2	2	Name & Location of the Project	Development of Warehouse Project at Sy. Nos. 24/1, 24/2, 25/2, 25/1A, 25/1B & 26/1 of Besthamanahalli Village,Kasaba Hobli, Anekal Taluk, Bengaluru Urban District.
2	3	Type of Development	
	a.	Residential Apartment /Villas / Row Houses /Vertical Development /Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Warehouse project Category 8(a).
,	b.	Residential Township/ Area Development Projects	NA
	c.	Zoning Regulations	As per the Anekal Local Planning Area Master Plan – 2031, the proposed project site is designated as Industrial Zone and the land has been converted to Industrial purpose.
4	4	New/ <del>Expansion/Modification/</del> Renewal	New
4	5	Water Bodies/ Nalas in the vicinity of project site	Besthamanahalli Lake is adjacent to the project site on west side
(	5	Plot Area (Sqm)	39,203.91 Sqm
7	7	Built Up area (Sqm)	22,790.70 Sqm
8	8	FAR • Permissible • Proposed	1.25 0.599
	9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Total built up area of the project is 22,790.70 Sqm distributed over Ground floor with a maximum height of 20.30 m.
1	0	Number of units/plots in case of Construction/Residential Township /Area Development Projects	NA
1	1	Height Clearance	As per CCZM, the permissible height is 135 m and the height achieved for our proposed building is 20.30 m
1	2	Project Cost (Rs. In Crores)	Rs. 36.63 Crores
1	3	Quantity of Excavated earth & its management	Total Excavated earth quantity – 2,560 m <sup>3</sup> For Backfilling& site formation – 1,582 m <sup>3</sup> For Landscaping – 978m <sup>3</sup>
	4	Details of Land Use (Sqm)	
	a.	Ground Coverage Area	22,790.70 Sqm
1	b.	Kharab Land	Kharab -1214.03 Sqm
	<b>c</b> .	Total Green belt on Mother Earth	9,780.04 Sqm
	<u>d.</u>	Internal Roads	5039.25 Sqm
	e.	Paved area	
	<u>f.</u>	Others Specify	Service Area – 379.89 Sqm
		Parks and Open space in case of	-
	g.	Residential Township/ Area	
	.1.	Development Projects	20202.015
┝─┴	n.		39203.915qm
<b> </b>	<u></u>	WAIEK	· · · · · · · · · · · · · · · · · · ·
1	1.	Construction Phase	

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a.	Source of water	The domestic external suppl construction pu treated water.	water requirement will be met by iers and water requirement for rpose will be met by STP tertiary
b.	Quantity of water for Construction in KLD	14.0 KLD	
c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD	
<u>d.</u>	Waste water generation in KLD	4.0 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewag will be treated used for dust sur	e generated during construction phase in mobile STP, treated water will be ppression/landscaping within the site.
II.	Operational Phase	• ··· • • • • • •	· · · · · · · · · · · · · · · · · · ·
a.	Total Requirement of Water in KLD	Fresh Flushing	38 KLD 20 KLD 58 KLD
	Source of water	Porovoll	58 KLD
	Wastewater generation in KLD	53 KID	
<u>d</u>	STP canacity	STP Consoity	60KID (ama 95 Sam)
e.	Technology employed for Treatment	Sequential Batch	Reactor Technology
f.	Scheme of disposal of excess treated water if any	NA	
16	Infrastructure for Rain water harvest	ing	
a.	Capacity of sump/tank to store Roof & Hardscape/soft scape run off	Roof Rain water	sump – 450 Cum
b.	No's of Ground water recharge pits	84 No. of deep re	charge wells
17	Storm water management plan	Internal garland in order to carry pits and will be r will be routed to east side of the side	drains will be provided within the site out the storm water into the recharge nanaged within the site, excess runoff o the external storm water drain on ite
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Construction & Demolition waster and its management.	Demolition Was which will be of given to nearby w Construction Wa from the whole reused within formation.	te: There are existing brick sheds, lismantled and ceiling tiles will be rillages for house constructions. aste: Construction debris generated project is 12 tons and this will be the site for road and pavement
b.	Quantity of Solid waste generation and mode of Disposal as per norms	Total quantity of In which, 4 kg/ kg/day is the non handed over to lo	f solid waste generation is 10kg/day. day is the biodegradable waste &6 -biodegradable waste and this will be cal vendors.
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity:801ModeofSegDisposal:Disposal:proCapacityof100	kg/day gregated and will be processed in posed organic waste converter. ) kg/day



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			facility:			
			Area	18 Sqm		•
			required:		P	
ſ			Quantity:	120 kg/day		
		Quantity of Non-Biodegradable	Mode of	Recyclable w	vastes will be	handed over
	b.	waste generation and mode of	Disposal:	to authorized waste recyclers.		
		Disposal as per norms	Area	6Sqm		
			required:			
			Quantity:	76 L/Annum	(0.152 L/ runn	ning) hour of
				DG		
		Ouantity of Hazardous Waste	Mode of	Hazardous w	astes like wa	ste oil from
	c.	generation and mode of Disposal	Disposal:	DG sets, us	ed batteries (	etc. will be
		as per norms		handed ov	er to the	authorized
		•		nazardous wa	iste recyclers.	
			Area	4Sqm		
-			required:	0.29 ton long		
			Quantity:	U.38 ton/annt	1m	
		Quantity of E wants conception and	Mode of	E-Wastes Will	li be collected	separately &
	d.	Quantity of E waste generation and	Disposal:	it will be nat	ided over to a	uthorized E-
	-	mode of Disposal as per norms	Ama	A Sam	is for further p	nocessing.
			required	4 Sqiii		
	10	POWER	required.			
<u>├</u> ──┬		Total Power Requirement -	927 kVA			
	a.	Operational Phase				
		Numbers of DG set and capacity in	s of DG set and capacity in $500 \text{ KVA} - 2 \text{ Nos.}$			
	b.	KVA for Standby Power Supply	Stack Height	ARL - 7 m		
	c.	Details of Fuel used for DG Set	221.20 l/hr			
		Energy conservation plan and	5star transfor	mer, Solar PV	Panels, LED	lights
	đ	Percentage of savings including	The overall energy savings is around 26.22 %			
	α.	plan for utilization of solar energy				
		as per ECBC 2007	l			
	20	PARKING		<del></del>		
	а.	Parking Requirement as per norms	Provided : 25	1No's of cars	&23 No. of Ti	uck
		(ECS)	Deed	Transa	Destations	Changed
			Коао	Towards	Existing	Changed
		Level of Service (LOS) of the				scenario
	b.	connecting Roads as per the				widening
		Traffic Study Report	Annma	h Road	•	A
			Attibala A	nekal Boad	<u> </u>	A
		Internal Road width (RoW)	Q 14 m wide	approach Road	4	<b>D</b>
┝──┤	21		To provide d	evelopmental	works in Gout	New Model
	21	CER Activities	School, Anel	al		
	22		Construction	Phase:		
1			Capital Inves	tment 15.00	Lakh	
		EMP (Details and capital cost &	Construction	- 66.01 Lakh		
		recurring cost)	Operation Phase:			
1	1		Capital investment – 248.12 Lakh			
ĺ			Operation Inv	vestment – 23.	96 Lakh/annur	n



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The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that there is old brick shed, which will be dismantled and the ceiling tiles would be given to local villagers for their house construction and remaning debris wouldbe handled within the site area and no construction activity has started. The Committee noted the clarification given by the Proponent.

The proposal is for construction of warehouse project in an area earmarked for industrial use as per Anekal Planning Authority.

The Committee during appraisal sought details regarding water body as per village map, nature of activity in the proposed construction, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the water body in south west, buffer of 30mtr is proposed from the edge of water body. Regarding the activity in the proposed warehouse, Proponent informed that it will be used for e-commerce business like amazon, flipkart for storingnon-hazardous fast-moving consumer goods. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 58 KLD out of which about 38 KLD of fresh water requirement would be met from 2 existing borewellsin the proposed project area, only after obtaining NoC from KGWA for extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 38 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures with total capacity of450 Cum for runoff from rooftop, hardscape and landscape areas with 84 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install aerators for to conserve water, to utilize complete roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 475 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize complete roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rain water storage structure of 450 cum and 84 recharge pits.
- 5. To grow 475 trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.

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- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install aerators to conserve water.
- 10. To provide bell mouth entry/exist from the approach road.
- 11. Excess treated water should be utilized with in the site area.
- 12. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

322.1.15 Row Houses and Club House Project at Sy.Nos.38/4A, 38/4B, 38/4C, 38/10 & 38/11 of Kadathanamale Village, Hesaraghatta Hobli, Bengaluru North Taluk, Bengaluru Urban District by M/s. Mims Builders Pvt. Ltd.- Online Proposal No.SIA/KA/INFRA2/499295/2024(SEIAA 159 CON 2024)

SI.	No.	Particulars	Information Provided by PP
		Name & Address of the Project	Mr. ZakiullaShariff, Chairman & Managing Director
	1	Proponent	M/s. MIMS Builders Pvt. Ltd.,
			No. 99, Infantry Road, Bengaluru – 560 001.
			Development of "Row Houses and Club House"
			Project at Sy.Nos.38/4A, 38/4B, 38/4C, 38/10 &
	2	Name & Location of the Project	38/11 of Kadathanamale Village, Hesaraghatta
			Hobli,Bengaluru North Taluk, Bengaluru Urban
			District.
	3	Type of Development	
		Residential Apartment / Villas / Row	Row Houses and Club house
	a.	Houses /Vertical Development / Office /	Category 8(a)
		IT/ITES/Mall/ Hotel/ Hospital /other	
	h	Residential Township/Area	NA
		Development Projects	
	c.	Zoning Classification	As per the BIAAPA Master Plan 2021, the proposed project site is designated as Residential
			zone.
	4	New/-Expansion/ Modification/	New
		Renewal	
			There are no nala within 50 m radius of the project
	5	Water Bodies/ Nalas in the vicinity of	site.
	-	project site	There are no lake/water body within 30 m radius of
			the project site.
	6	Plot Area (Sqm)	18,817.75Sqm
	7	Built Up area (Sqm)	28,713.28Sqm
	8	• FAR Permissible	1.75
		Proposed	1.12
		Building Configuration [Number of	Proposed project comprisingof 76 no. of row
	9	Blocks/Towers/Wings etc., with Numbers	houses in Block A & B: GF+2UF and Club House:
		of Basements and Upper Floors]	GF+2UF with a maximum height of 10.35 m.

		Number of units/plots in case of	NA
1	0	Construction/Residential Township	
		/Area Development Projects	
	<u> </u>		As per CCZM, the permissible height is 105.5 m
1	1	Height Clearance	and the height achieved for our proposed building is
			10.35 m
1	2	Project Cost (Rs. In Crores)	Rs.54.07 Crores
			Total Excavated earth quantity -4864m <sup>3</sup>
		Quantity of Excavated earth & its	For Backfilling $-2267 \text{m}^3$
	3	management	For Landscaping $-970$ m <sup>3</sup>
			For driveway & site formation $-1627 \text{ m}^3$
1	4	Details of Land Use (Sgm)	
	a.	Ground Coverage Area	9.610.56Sam
	b.	Kharab Land	303.51 Sam – Foot Kharab
ŀ		Total Green belt on Mother Earth for	4.843.33Sam
	c.	projects under 8(a) of the schedule of	······································
		the EIA notification, 2006	
	d.	Internal Roads	3 269 33Sam
	e.	Paved area	5,007,000 qm
┝			Services - 189 00Som
	<b>f</b> .	Others Specify	Road widening area -602 02 Sam
.		Parks and Open space in case of	
	σ	Residential Townshin/ Area	
	ь.	Development Projects	
	h	Total	18 817 75Sam
	h. 5	Total WATER	18,817.75Sqm
	h. 5	Total WATER Construction Phase	18,817.75Sqm
1	h. 5 I.	Total WATER Construction Phase	18,817.75Sqm
1	h. 5 I.	Total WATER Construction Phase	18,817.75Sqm The domestic water requirement will be met by external suppliers and water requirement for
1	h. 5 I. a.	Total WATER Construction Phase Source of water	18,817.75Sqm The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiany
	h. 5 I. a.	Total WATER Construction Phase Source of water	18,817.75Sqm The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water
	h. 5 I. a.	Total WATER Construction Phase Source of water	18,817.75Sqm The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.
	h. 5 I. a. b.	Total WATER Construction Phase Source of water Quantity of water for Construction in	18,817.75Sqm The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water. 13KLD
	h. 5 I. a.	Total WATER Construction Phase Source of water Quantity of water for Construction in KLD Quantity of water for Domestic Purpose	18,817.75Sqm The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water. 13KLD
	h. 5 I. a. b.	Total WATER Construction Phase Source of water Quantity of water for Construction in KLD Quantity of water for Domestic Purpose in KLD	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD
	h. 5 I. a. b. c.	Total         WATER         Construction Phase         Source of water         Quantity of water for Construction in KLD         Quantity of water for Domestic Purpose in KLD         Waste water generation in KLD	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD
	h. 5 I. a. b. c. d.	Total         WATER         Construction Phase         Source of water         Quantity of water for Construction in KLD         Quantity of water for Domestic Purpose in KLD         Waste water generation in KLD	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD         Domestic sewage generated during construction
	h. 5 I. a. b. c. d.	Total         WATER         Construction Phase         Source of water         Quantity of water for Construction in KLD         Quantity of water for Domestic Purpose in KLD         Waste water generation in KLD         Treatment facility proposed and scheme	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD         Domestic sewage generated during construction phase will be collected and treated in mobile STP
	h. 5 I. a. b. c. d. e.	Total         WATER         Construction Phase         Source of water         Quantity of water for Construction in KLD         Quantity of water for Domestic Purpose in KLD         Waste water generation in KLD         Treatment facility proposed and scheme of disposal of treated water	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD         2.0KLD         Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for duct suppression/
	h. 5 I. a. b. c. d. d.	Total         WATER         Construction Phase         Source of water         Quantity of water for Construction in KLD         Quantity of water for Domestic Purpose in KLD         Waste water generation in KLD         Treatment facility proposed and scheme of disposal of treated water	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD         2.0KLD         Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for dust suppression/landscaping within the site
	h. 5 I. a. b. c. d. d.	Total WATER Construction Phase Source of water Quantity of water for Construction in KLD Quantity of water for Domestic Purpose in KLD Waste water generation in KLD Treatment facility proposed and scheme of disposal of treated water Operational Phase	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD         2.0KLD         Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for dust suppression/landscaping within the site.
	h. 5 I. a. b. c. d. d. II.	Total         WATER         Construction Phase         Source of water         Quantity of water for Construction in KLD         Quantity of water for Domestic Purpose in KLD         Waste water generation in KLD         Treatment facility proposed and scheme of disposal of treated water         Operational Phase	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD         2.0KLD         Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for dust suppression/landscaping within the site.
	h. 5 I. a. b. c. d. d. II.	Total         WATER         Construction Phase         Source of water         Quantity of water for Construction in KLD         Quantity of water for Domestic Purpose in KLD         Waste water generation in KLD         Treatment facility proposed and scheme of disposal of treated water         Operational Phase         Total Requirement of Water in KLD	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD         2.0KLD         Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for dust suppression/landscaping within the site.         Fresh       49KLD         Elushing       25KLD
	h. 5 I. a. b. c. d. d. II. a.	Total         WATER         Construction Phase         Source of water         Quantity of water for Construction in KLD         Quantity of water for Domestic Purpose in KLD         Waste water generation in KLD         Treatment facility proposed and scheme of disposal of treated water         Operational Phase         Total Requirement of Water in KLD	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD         2.0KLD         Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for dust suppression/landscaping within the site.         Fresh       49KLD         Flushing       25KLD
	h. 5 I. a. b. c. d. d. e. II. a.	Total         WATER         Construction Phase         Source of water         Quantity of water for Construction in KLD         Quantity of water for Domestic Purpose in KLD         Waste water generation in KLD         Treatment facility proposed and scheme of disposal of treated water         Operational Phase         Total Requirement of Water in KLD	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD         2.0KLD         Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for dust suppression/landscaping within the site.         Fresh       49KLD         Flushing       25KLD         Total       74KLD
	h. 5 I. a. b. c. d. d. II. a.	Total WATER Construction Phase Source of water Quantity of water for Construction in KLD Quantity of water for Domestic Purpose in KLD Waste water generation in KLD Treatment facility proposed and scheme of disposal of treated water Operational Phase Total Requirement of Water in KLD	18,817.75Sqm         The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water.         13KLD         2.3KLD         2.0KLD         Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for dust suppression/landscaping within the site.         Fresh       49KLD         Flushing       25KLD         Total       74KLD

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	b.	Source of water	Borewell		
:	c.	Wastewater generation in KLD	67KLD		
	d.	STP capacity and area required	STP Capacity	–75KLDand area 95Sqm	
	e.	Technology employed for Treatment	Sequential Ba	tch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	9 KLD for co	nstruction works/ avenue plantation.	
]	16 Infrastructure for Rain water harvesting		L		
	a.	Capacity of sump tank to store Roof run off	600 cum		
	b.	No's of Ground water recharge pits	26No. of rech	arge pits.	
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 porthern side of the project site		
]	18	WASTE MANAGEMENT	L		
	I.	Construction Phase			
	a.	Quantity of Construction & Demolition waste and its management.	Construction debris –Construction debris generated from the whole project is 14 Tons and this will be reused within the site for road and pavement formation.		
	b.	Quantity of Solid waste generation and mode of Disposal other than C&D.	Total quantity of solid waste generated is 5 kg/day. In which, 2 kg/day is the biodegradable waste & 3 kg/day is the non-biodegradable waste and this will be handed over to authorized waste recyclers.		
	II.	Operational Phase			
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal: Capacity of facility:	109 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter. 150 kg/day	
			Area required:	15 Sqm	
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal: Area required:	Recyclable wastes will be handed over to authorized waste recyclers 8 Sqm	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per	Quantity:	Waste Oil Generation: 40 L/Annum (0.08 L/ running) hour of DGs.	

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		norms	Mode of	Hazardous wastes	s like waste oil from		
			Disposal:	DG sets, used ba	atteries etc. will be		
			-	handed over t	o the authorized		
				hazardous waste i	recyclers.		
			Area	4 Sqm			
			required:	_			
			Quantity: 0.27 Ton/Annum				
			Mode of E-Wastes will be collected separatel				
			Disposal:	& it will be	handed over to		
	d.	Quantity of E waste generation and		authorized E-wa	aste recyclers for		
		mode of Disposal as per norms		further processing			
			Area	4Sqm			
			required:	3			
	19	POWER		•			
	_	Total Power Requirement -Operational	1291 kVA				
	а.	Phase					
	L.	Numbers of DG set and capacity in	250 KVA -2 Nos. with stack height of 5 m ARL.				
	D.	KVA for Standby Power Supply					
	c.	Details of Fuel used for DG Set	110.60 l/hr				
		Energy conservation plan and	5 star rated transformer, solar PV panels, solar				
	L.	Percentage of savings including plan for	water heater, LED, energy efficient PHE pumps,				
	d.	utilization of solar energy as per ECBC	VFDs in lifts				
		2007	The overall energy savings is around 34.9 %				
	20	PARKING					
			167 ECS				
	a.	Parking Requirement as per norms	(50% of required residential cars i.e. 76 Nos. of the				
			EV Charging facility will be provided				
			Approach	Existing	Changed after		
		Level of Service (LOS) of the	· · · · · · · · · · · · · · · · · · ·		road widening		
	b.	connecting Roads as per the Traffic	Doddaballapura Main Road				
		Study Report	Doddaballapu	ra B	Α		
			Yelahanka	В	A		
	c.	Internal Road width (RoW)	12 m wide Ap	proach Road	<b></b>		
2	21		Renovation of	Renovation of class rooms & drinking water facility			
		CER Activities	to Govt. Higher Primary School, Dodda tumkuru				
			village, Bengaluru				
2	22		During Const	ruction:			
			Capital Invest	ment – 8.20 Lakh			
		EMP (Details and capital cost &	Construction – 69.90 Lakh				
		recurring cost)	During Operation:				
			Capital investment - 230.98 Lakh				
			Operation Investment – 23.96 Lakh/annum				

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



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The Committee during appraisal sought details regarding foot kharab as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the foot kharab in north is an existing public road which is also the existing road to the project. Regarding source of water during operation phase,Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 74KLD out of which about 49KLD of fresh water requirement would be met from 2 existing borewells in the proposed project area, only after obtaining NoC from KGWA for extraction of ground water. In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 49 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures with total capacity of 600 Cum for runoff from rooftop, hardscape and landscape areas with 26 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 225trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rain water storage structure of 600 cum and 26 recharge pits.
- 5. To grow 225 trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road.
- 12. Excess treated water should be utilized with in the site area.
- 13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

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322.1.16 Residential Apartment Project at New Sy.Nos.87/3 & 87/4 (Old Sy.No.87/1) of Mahal Chowdadenahalli Village, SarjapuraHobli, Anekal Taluk, Bengaluru Urban District by M/s. Modern Projects – Online Proposal No.SIA/KA/INFRA2/488143/2024(SEIAA 172 CON 2024) About the project:

S	I.No.	Particulars	Information Provided by PP
			Mr. Vinay Gurudutt, Partner
		Name & Address of the Project	M/s. Modern Projects
	1	Name & Address of the Project	No.502, 5th Floor, Sakti Statesman, Green Glen Layout,
		rioponent	Sarjapura Outer Ring Road, Bellandur, Bengaluru - 560
			103.
			Development of "Residential Apartment" Project.
	2	Name & Location of the Project	New Sy. Nos. 87/3 & 87/4 (Old Sy. No. 87/1), Mahal
	~	Auno de Boourion of the Hojeet	Chowdadenahalli Village, Sarjapura Hobli, Anekal
			Taluk, Bengaluru Urban District.
⊢	<u> </u>	Type of Development	
		Kesidential Apartment/ <del>Villas/Kow</del>	Residential Apartment
	a.	/IT/ITES/Mail/Hotel/Hospital /other	Category 8(a)
1		Residential Township/ Area	ΝΔ
	<b>b</b> .	Development Projects	
			As per the Master plan of ALPA 2031, the proposed
		Zoning Classification	project site is designated as Residential and commercial
	0.	Zoning Classification	zone and as per ALPA zoning regulations residential is
			permissible under commercial zone.
	4	New/ Expansion/ Modification/	New
┝		Kenewal	
	5	of project site	I here is a secondary nala on northern side of the project
┝─	6	Plot Area (Sam)	Site.
	7	Built Un area (Sam)	63 126 47Sam
┝─	<u> </u>	EAD	
	8	A Demissible	25
	0	Proposed	2.5
		Building Configuration [Number of	2DF+OF+I4OF
	9	Numbers of Basemonts and Lingar	
-		Floors]	
├──		Number of units (slate in second	NY A
	10	Number of units/piots in case of Construction/Residential Tourship	NA
	10	Area Development Projects	
			As per CCZM, the permissible height is 136.5 m and the
	[]	Height Clearance	height achieved for our proposed building is 44.95 m.
	12	Project Cost (Rs. In Crores)	Rs.127.07Crores
			Total Excavated earth quantity -47880m <sup>3</sup>
		Quantity of Excavated earth & its	For Backfilling – 18195m <sup>3</sup>
]	13	management	For Landscaping – 9986m <sup>3</sup>
			For driveway & hardscape - 5268m <sup>3</sup>
·		Details of Lond How (2000)	For site formation – 14431 m <sup>2</sup>



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	a.	Ground Coverage Area	2943.30Sam	
	b.	Kharab Land		
Ì		Total Green belt on Mother Earth for	4993.45Sam	· · · · · · · · · · · · · · · · · · ·
	c.	projects under 8(a) of the schedule	isso in Sam	
ļ		of the EIA notification, 2006		
	d	Internal Roads	3512 28Sam	
	P. 1	Paved area	5512.205 <b>q</b> m	
	<b>–</b>		Services A74 4850	
			$C = \frac{847}{20}$	
	<b>f</b> .	Others Specify	STPD land Dank	947 20 Sam
			Dood Widening Ar	047.30 Sqlii
		Parks and Open space in case of	Road widening Are	<i>ca - 5527.80 Squi</i>
		Residential Townshin/ Area	-	
	<sup>5.</sup>	Development Projects		
	h	Total	16 045 078am	
<u> </u>	<u>  II.</u> 15		10,945.97 Sqiii	
<sup> </sup>		Construction Dhose		
	1.	Construction Phase		
			The domestic wa	ter requirement will be met by
	a.	Source of water	external suppliers	s and water requirement for
			construction purpo	se will be met by STP tertiary
			treated water.	
	b.	Quantity of water for Construction	30KLD	
	<b> </b>		A 4141 D	
	c.	Quantity of water for Domestic	4.5KLD	
	<u> </u>	Purpose in KLD		
-	<u>a.</u>	Waste water generation in KLD	4.0 KLD	
	1		Domestic sewage generated during construction phase	
	e.	scheme of disposal of treated water	will be collected and treated in mobile STP, treated	
			water will be reuse	d for dust suppression/ landscaping
	<b>T</b>	Or westing at Dia	within the site.	
1	<u> </u>	Operational Phase	<b>P</b> 1	
		Total Requirement of Water in KLD	Fresh	143KLD
	a.		Flushing	72KLD
[	Ļ.		Total	215KLD
	<u>b.</u>	Source of water	Borewell	
	<u>c.</u>	Wastewater generation in KLD	194 KLD	
	<u>d.</u>	STP capacity and area required	STP Capacity -200	KLDand area 220Sqm
	e.	Technology employed for	Sequential Batch Re	eactor Technology
	<u> </u>	Treatment	· · · · · · · · · · · · · · · · · · ·	
	f	Scheme of disposal of excess	Excess76KLD f	or construction works/avenue
		treated water if any	plantation.	
	16 Infrastructure for Rain water harvesti		ng	
	a	Capacity of sump tank to store	300 cum	
		Roof run off		
	<u>b.</u>	No's of Ground water recharge pits	22 Nos.	
			Strom water sump	o of capacity 110 cum will be
			provided for hardsc	ape runoff.
1	7	Storm water management nlan	Internal garland dra	ins will be provided within the site
		stern water management plan	in order to carry ou	t the storm water into the recharge
			pits and will be man	naged within the site, excess runoff
			will be routed to t	the external storm water drain on



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 	· · · · · · · · · · · · · · · · · · ·	northside of th	e project site.	
18	WASTE MANAGEMENT			
I.	Construction Phase			
 a.	Quantity of Construction & Demolition waste and its management.	Demolition Waste: Nil Construction debris – 31 Tons This will be reused within the site for road and pavement formation. Total quantity of solid waste generated is 10.0 kg/day. In which, 4.0 kg/day is the biodegradable waste &6.0 kg/day is the non-biodegradable waste and this will be handed over to local vendors.		
b.	Quantity of Solid waste generation and mode of Disposal other than C&D.			
II.	Operational Phase	radable waste de of Disposal as		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal: Capacity of facility: Area required:	258 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter. 300 kg/day 40 Sqm	
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal: Area required:	388 kg/dayRecyclable wastes will be handed over to authorized waste recyclers6Sqm	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal: Area required:	Waste Oil Generation: 76 L/Annum (0.15 L/ running) hour of DGs. Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers. 4 Sqm	
d.	Quantity of E waste generation and mode of Disposal as per norms	Quantity: Mode of Disposal: Area required:	<ul> <li>0.78 Ton/Annum</li> <li>E-Wastes will be collected separately &amp; it will be handed over to authorized E-waste recyclers for further processing.</li> <li>4Sqm</li> </ul>	
19	POWER			
a.	Total Power Requirement - Operational Phase	1529 kVA		
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA – 2 Nos. with stack height of 7 m ARL.		
c.	Details of Fuel used for DG Set	221.20 l/hr		
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	5 star rated transformer, solar PV panels, solar water heater, LED, energy efficient PHE pumps, lifts etc. The overall energy savings is around 25.4 %		
20	PARKING			

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	a.	Parking Requirement as per norms	347 ECS 25 % i.e., 87no. provided in total par	of EV charg	ing facility will be
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	ChikkaThirupathi Road	Existing 0.08 - A	Changed scenario after road widening 0.03 - A
	c.	Internal Road width (RoW)	18.29 m wide Chikkathirupathi Road		
1	21	CER Activities	Providing desktops to Thindlu Govt. High School.		
22		EMP (Details and capital cost & recurring cost)	During Construction: Capital Investment – 13.00 Lakh Construction – 84.82 Lakh During Operation: Capital investment – 330.41 Lakh Operation Investment – 23.84 Lakh/annum		

The proposal is for construction of residential building in an area earmarked for residential & commercial use as per Anekal local planning Authority.

The Committee during appraisal sought details regardingsource of water during operational phase, road as per zoning regulation and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 215KLD out of which about 143KLD of fresh water requirement would be met from 4new borewellsin the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water. In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 143 KLD of ground water will not have adverse impact on ground water. Regarding the CDP road in south east, Proponent informed that is is left as it is in the proposed site area. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures with total capacity of300Cum for runoff from rooftop and another tank of 110cum for runoff fromhardscape and landscape areas with 22 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 215 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

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

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

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- 1. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
- 2. To utilize minimum of 50% of roof area for solar power generation.
- 3. To provide minimum 10% of total parking with e-vehicle charging facility.
- 4. To provide rainwater storage structure of 300 cum, 110 cum and 22 recharge pits.
- 5. To grow 215 trees in the early stage before taking up of construction.
- 6. To carry out community recharge of bore wells in the vicinity of the site.
- 7. To construct lead of drains till the natural drains/water body for handling excess water.
- 8. To incorporate catalytic converter for DG sets with dual fuel option.
- 9. To install smart water meters with aerators for individual units to conserve water.
- 10. To incorporate additional dust control measures during construction.
- 11. To provide bell mouth entry/exist from the approach road.
- 12. Excess treated water should be utilized with in the site area.
- 13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

#### 322.1.17 Grey GraniteQuarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk, ChikkaballapuraDistrict (2-22 Acres) by Sri B. Yatish Kumar – Online Proposal No.SIA/KA/MIN/499745/2024 (SEIAA 252 MIN 2024)

SI.No.	Particulars	Information Provided by Proponent
1	Name & Address of the Projects Proponent	Sri B. Yatish Kumar
2	Name & Location of the Project	Grey Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk, Chikkaballapura District (2-22 Acres)
		N33*34*42.3791** E77*66'00.3986*
		M19"34"41.9122" E77"44'08.0821"
		N15"34"37.7963" E77"44'82.5312"
		N13"34"38.7801" E77"43'59.2321"
		M13"34'39.2402" E77"45"59.1401"
		M13"34"38.5612" \$77"44"08.0201"
3	Type Of Mineral	Grey Granite Quarry Project
4	New/Expansion/Modification/ Renewal	New
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government
6	Area in Acres	2-22 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	18,868 Cum /annum(including waste)(9,434 Cum/annum – Recovery), (2,830 Cum/annum – Building Stone)(6,604 Cum/annum Ornamental Waste)
8	Project Cost (Rs. In Crores)	Rs. 1.30 Crores (Rs.130 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m /	2,82,864Cum (including waste)
10	Permitted Quantity Per Annum -Cu.m /	9,434Cum/annum (recovery)

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	Ton							
11	CER Activit	ies:						
	Year	Year Corporate Environmental Responsibility (CER)						
	151	Providin	g solar power panels to the GLPS school at Gummalapura Village					
	2nd	The provide the text of text o	ponent proposes to distribute nursery plants at Gummalapura Strengthening of approach road					
	3rd	Rain wa	ter harvesting pits to the GLPS school at Gummalapura Village					
	4th	Health o	amp in GLPS school at Gummalapura Village					
	şth							
12	EMP Budge	t	Rs. 41.16 lakhs (Capital Cost) & Rs.8.06 lakhs (Recurring cost)					
13	Quarry plan		19.09.2024					
14	Cluster certif	icate	20.09.2024					
15	Forest NoC		14.06.2024					
16	Revenue NC	C	08.08.2024					
17	Notification		31.08.2024					

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed to the Committee that the proposed area is fresh land and no mining has been carried out by Proponent. The Committee noted the clarification given by the Proponent.

As per the cluster sketch there are another 12 leases in a radius of 500 mtr from the said lease, out of which 11 leases are exempted from cluster as the leases were granted prior to 09.09.2013 and the total area of the remaning lease including the of applied lease is 8-22 Acres and hence the project is categorized as B2.

Considering the existing cart track road of 746 meters connecting lease area to the all-weather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 2,82,864 cum (including waste) and estimated the life of mine to be 15 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 18,868 cum/annum (including waste), with following consideration,

- 1.To asphalt the approach road to the quarry as per IRC norms.
- 2. To grow trees all along the approach road & buffer zone during the first year of operation.
- 3.To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
- 4. To provide metal sheet fencing around the working area.
- 5. To take necessary measures to arrest noise and vibration from the quarry area.
- 6.To consider the CER activity submitted by Proponent with a recommendation to write to the concerned recipient about the CER activity.
- Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

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#### 322.1.18 Ordinary Sand Quarry Project at Sy.Nos.220/\*/3, 220/\*/4 & 220/\*/5 of Bhankur Village, Shahabad Taluk, Kalaburagi District (6-00 Acres) (2.428 Ha.) by Sri Khaleel Masood Ali – Online Proposal No.SIA/KA/MIN/502279/2024(SEIAA 251 MIN 2024)

Sl.No		Particula	rs		Information Pro	vided by Proponent	
1	Name &	Address of	f the Proje	cts	Sri Khaleel Masood Al	i	
	Proponent		,				
2	Name & L	ocation of the F	roject		Ordinary Sand Quarry Project at Sy.Nos.220/*/3,		
			-		220/*/4 & 220/*/5 of B	hankur Village, Shahabad	
				Taluk, Kalaburagi Dis	trict (6-00 Acres) (2.428		
					Ha.)		
					17* 06' 45.3011"	76* 57' 26.0001*	
					17° 06' 45.8009"	76* 57' 23.4007"	
					17" 06' 54.3010"	76* 57' 24.2011"	
					17* 06' 53,9006"	76" 57' 27 7004"	
3	Type Of M	ineral			OrdinarySand Quarry P	miect	
4	New / Exp	ansion / Modifi	cation / Renev	val	New		
5	Type of	Land [Fores	st, Governm	ent	Patta		
	Revenue, (	Gomal, Private/	Patta, Other]				
6	Area in Ac	res			6-00 Acres (2.428 Ha.)		
7	Annual Pr	oduction (Met	ric Ton / Cu	m)	40,101Tonnes/annum (including waste)		
	Per Annun	1				• /	
8	Project Co:	st (Rs. In Crore:	s)		Rs. 1.40 Crores (Rs. 140 Lakhs)		
9	Proved Qu	antity of mine/	Quarry- Cu.n	n /	2,00,508 Tonnes (including waste)		
	Ton						
10	Permitted	Quantity Per A	Annum - Cu.n	n /	40,101Tonnes/annum(including waste)		
11	ION OF A st	•••			<u> </u>	·····	
11	CER ACTI	vities:					
	THE	Corporate Envi	rommental Kes		adhity (CER)		
	ıst	<b>Providing solar</b>	power panels t	o th	e GHPS school at Bhankur	Village	
	2nd	Rain water harv	esting pits to the	ne G	HPS school at Bhankur Villa	age	
	3rd	Avenue plantat	ion either side	of t	he approach road near Qu	arry site & Repair of road	
		with the analysis					
	4th	Conducting E-w	aste drive camp	gisc	ns in GHPS at Bhankur Villa	ge.	
10	5th	Health camp in	GHPS at Bhank	ur VI	lage;		
12	EMP Budget Rs. 29.79 Lakhs			chs (	Capital Cost) & Rs. 7.76	lakhs (Recurring cost)	
13	Forest NUC 26.12.2023				······································	· · · · · · · · · · · · · · · · · · ·	
14	Approved by Quarry Plan 14.10.2024						
15	Revenue NOC         30.12.2023           Obsetse Operational Sector         16.10.0004						
17	Irrigation	NoC	10.10.2024				
17	DSMC		19.12.2023	<b>-</b>			
10	DSMC 21.02.2024						

About the project:

The Committee sought clarification with respect to the present site condition based on the KML submitted by Proponent and the distance of the river to the proposed site area. The Proponent informed the Committee that the proposed area is fresh land and no mining has been carried out and informed that as per irrigation noc dated 19.12.2023, the proposed site is at a distance of 54mtr from the edge of river. The Committee noted the clarification.

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As per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the total area of the applied lease is 6-00 Acres and hence the project is categorized as B2. District Sand Monitoring Committee had considered the PFR with regard to river sand replienishmentin a radius of 5 km from the proposed site area and had recommended the proposal.

Considering the existing cart track road of 303 meters connecting lease area to the all-weather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 2,00,508 Tones (including waste) and estimated the life of mine to be 5 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 40,101Tonnes/annum (including waste), with following consideration,

- 1. To asphalt the approach road to the quarry as per IRC norms.
- 2. To grow trees all along the approach road& buffer zone during the first year of operation.
- 3. To carry out regular health checkup for the workers in the nearby Hospital.
- 4. To take necessary measures to arrest noise and air pollution from the quarry area.
- 5. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.
- 6. To provide additional safety measures towards river and to provide settling pits and gully plugs towards river,
- 7. To reuse top soil for back filling for mine closure.

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

#### 322.1.19 Pink Granite Quarry Project at Sy.No.28/2 of Purthageri Village, Kushtagi Taluk, Koppal District (2-22 Acres) by M/s. Sree Raghavendra Enterprises – Online Proposal No.SIA/KA/MIN/503624/2024 (SEIAA 254 MIN 2024)

Sl.No.	Particulars	Information Provided by Proponent
1	Name & Address of the Projects Proponent	M/s. Sree Raghavendra Enterprises
2	Name & Location of the Project	Pink Granite quarry Project at Sy. No.28/2 of Purthageri Village, Kushtagi Taluk, Koppal District (2-22 Acres) N 15°58'57.48821" to E 76°01'09.73179" N 15°58'55.89130" to E 76°01'15.99013" N 15°58'51.91970" to E 76°01'13.09210" N 15°58'54.03850" to E 76°01'09.39850" N 15°58'54.83630" to E 76°01'09.34140" N 15°58'55.83080" to E 76°01'08.39450" N 15°58'55.83080" to E 76°01'08.39450" N 15°58'55.83080" to E 76°01'08.39130" N 15°58'53.08622" to E 76°01'12.23112" N 15°58'55.48855" to E 76°01'14.13156"



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3	Type Of Mineral		Pink Granite Quarry Project
4	New/Expansion/Mc	dification/ Renewa	New
5	Type of Land [Forest, Government]		Patta
	Revenue, Gomal, P	rivate/Patta, Other]	
6	Area in Acres		2-22 Acres
7	Annual Production	n (Metric Ton /	6,668Cum /annum(including waste) (2,000
	Cum) Per Annum		Cum/annum – Recovery & 4,668 Cum/annum -
			Waste)
8	Project Cost (Rs. Ir	Crores)	Rs. 0.20 Crores (Rs.20 Lakhs)
9	Proved Quantity	of mine/ Quarry-	60,753Cum (including waste)
	Cu.m / Ton		
10	Permitted Quantit	y Per Annum -	2,000 Cum/annum recovery
	Cu.m / Ton		
11	CER Activities: Sh	all be spend towar	rds CER activities like desilting & rejuvenation Kadur
	Dam, providing wa	ter to Purthageri &	Kadur village during summer etc.
12	EMP Budget	Rs.60 lakhs (Capi	tal Cost) & Rs.25 lakhs (Recurring cost)
13	Quarry plan	30.10.2024	
14	Cluster certificate	30.10.2024	
15	Forest NoC	01.02.2024	
16	Revenue NOC	30.01.2024	· · · · · · · · · · · · · · · · · · ·
17	Notification	30.10.2024	
18	DTF	05.03.2024	

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent submitted to the Committee that as per DMG letter dated 27.11.2024, the workings were during 2011-12 by the adjacent leases and no working after that for which Proponent had paid penalty of 88.03Lakhs and no mining has been carried out by Proponent. The Committee noted the clarification given by the Proponent. Proponent informed the Committee that they will be obtaining common boundary permission from DGMS.

As per the cluster sketch there are 30 leases in radius of 500 mtr from the said lease and 16 leases are exempted from cluster as the leases were granted prior to 09.09.2013 and 11 leases are exempted from cluster as they are non working from last 3 years and the total area of the remaning leases including the applied lease is 10.57 Acres and hence the project is categorized as B2.

Considering the existing cart track road of about 4 km connecting lease area to the all-weather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

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 60,753 cum (including waste) and estimated the life of mine to be 10 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 6,668 cum/annum (including waste), with following consideration,

1. To asphalt the approach road to the quarry as per IRC norms.

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- 2. To grow trees all along the approach road & buffer zone during the first year of operation.
- 3. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
- 4. To provide metal sheet fencing around the working area.
- 5. To handle the waste generated by obtaining necessary permission.
- 6. To take necessary measures to arrest noise and vibration from the quarry area.

7.To consider the CER activity submitted by Proponent with a recommendation to write to the concerned recipient about the CER activity.

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

#### 322.1.20 Pink Granite Quarry Project at Sy.Nos.27/1/2, 27/3/2 &27/3/4 of Purthageri Village, Kushtagi Taluk, Koppal District (3-00 Acres) by M/s. Sree Raghavendra Enterprises – Online Proposal No.SIA/KA/MIN/503673/2024 (SEIAA 247 MIN 2024)

SI.No.	Particu	ılars	Information Provided by Proponent
1	Name & Address Proponent	of the Projects	M/s. Sree Raghavendra Enterprises
2	Name & Location of	the Project	Pink Granite quarry Project at Sy. Nos. 27/1/2, 27/3/2 & 27/3/4 of Purthageri Village, Kushtagi Taluk, Koppal District (3-00 Acres)
			N 15"58"54.28840" to E 76"01"16.93100"
			N 15058'53.88850" to E 7601'18.23080"
			N 15"50 50.20060" to E 76"01'16.83190"
			N 15"58"51.91970" to E 76"01"13.09210"
3	Type Of Mineral		Pink Granite Quarry Project
4	New/Expansion/Mod	ification/ Renewal	New
5	Type of Land [Forest, Government Revenue Gomal Private/Patta Other]		Patta
6	Area in Acres	······································	3-00 Acres
7	Annual Production Cum) Per Annum	(Metric Ton /	9,900 Cum/annum(including waste)(2,970 Cum/annum-Recovery + 6,930 Cum/annum- Waste)
8	Project Cost (Rs. In	Crores)	Rs. 020 Crores (Rs.20 Lakhs)
9	Proved Quantity Cu.m / Ton	of mine/Quarry-	1,87,468Cum (including waste)
10	Permitted Quantity I Ton	Per Annum-Cu.m/	2,970Cum/annum recovery
11	CER Activities:Sha pond, providing wate	Il be spend toward er to Kadur village	s CER activities like desilting & rejuvenation Kadur during summer etc.
12	EMP Budget	Rs.75 lakhs (Capi	tal Cost) & Rs.35 lakhs (Recurring cost)
13	Quarry plan	30.10.2024	
14	Cluster certificate	30.10.2024	
15	Forest NoC	10.02.2014 / 24.0	07.2012
16	Revenue NOC	28.07.2012	
17	Notification	30.10.2024	



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The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent submitted to the Committee that as per DMG letter dated 27.11.2024, the workings were during 2011-12 by the adjacent leases and no working after that for which Proponent had paid penalty of 88.03 Lakhs and no mining has been carried out by Proponent. The Committee noted the clarification given by the Proponent. Proponent informed the Committee that they will be obtaining common boundary permission from DGMS.

As per the cluster sketch there are 30 leases in a radius of 500 mtr from the said lease out of which 16 leases are exempted from cluster as the leases were granted prior to 09.09.2013 and 11 leases are exempted from cluster as they are not working from last 3 years and the total area of the remaning leases including the applied lease is 10.57 Acres and hence the project is categorized as B2.

Considering the existing cart track road of about 4 km connecting lease area to the all-weather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

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 1,87,468Cum (including waste) and estimated the life of mine to be 19 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 9,900 Cum/annum(including waste), with following consideration,

1. To asphalt the approach road to the quarry as per IRC norms.

- 2. To grow trees all along the approach road & buffer zone during the first year of operation.
- 3. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
- 4. To provide metal sheet fencing around the working area.
- 5. To handle the waste generated by obtaining necessary permission.
- 5. To take necessary measures to arrest noise and vibration from the quarry area.
- 6.To consider the CER activity submitted by Proponent with a recommendation to write to the concerned recipient about the CER activity.

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

#### 322.1.21 ToR: Building Stone Quarry Project at Sy.No.5/A2 of Chattanahalli Village, Harapanahalli Taluk, Vijayanagar District (3.40 Acres) by Sri K.M Guruprasad – Online Proposal No.SIA/KA/MIN/495307/2024 (SEIAA 246 MIN 2024)

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that presently the crusher in the proposed area is removed and no mining has been carried out by Proponent till date. The Committee noted the clarification.

The proposal is for building stone quarry in lease area of 3.40 Acres. As the area considered for cluster is more than the threshold limit of 5 Ha, the project is categorized as B1. The Proponent had obtained Forest NoCand approved mining plan on 28.08.2024.

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

- 1. Cumulative pollution load taking into account of cluster with wind rose diagram and isopleth map and should be submitted in detail.
- 2. Details of foot kharab as per village map.
- 3. Details of common facilities provided for environment protection.
- 4. Traffic studies.
- 5. Dust mitigation methods considering nearby habitation.
- 6. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
- 7. Improvements to the approach road as per IRC (Indian Road Congress) standard norms.

8. Site specific CER and afforestation details (compensatory plantation).

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

#### 322.1.22 Pink Granite Quarry Project at Sy.Nos.48/1/2, 48/1/3, 48/1/5 & 48/1/6 of Kadur Village, Kushtagi Taluk, Koppal District (6-09 Acres) by M/s. Shashikiran Granites – Online Proposal No.SIA/KA/MIN/268836/2022 (SEIAA 191 MIN 2022)

The proposal was considered in the 287<sup>th</sup> & 289<sup>th</sup> SEAC meeting. In 287<sup>th</sup> SEAC meeting the Committee had recommended the proposal to SEIAA for issue of E.C. The authority in its 227<sup>th</sup> meeting referred the proposal back informing.

"The Authority perused the proposal and took note of the recommendation of SEAC. Further, the Authority noted the complaint received vide email (Premkumar332sd@gmail.com) dated  $08^{th}$  December 2022. The details are as follows;

1. If we check the google image, then it can be confirmed that the site is worked in the buffer zone even after obtaining the EC and this is a violation of EC.

The Authority perused the complaint and noted the contents of the same. The Authority also examined the documents of this proposal in the light of the compliant received and decided to refer the file back to SEAC. The SEAC shall look into the issues raised in the complaint deligently and obtain requisite clarifications/documents from the Project Proponent or any other Govt. departments as necessary."

Further, in 289<sup>th</sup> SEAC meeting as the Proponent remained absent without intimation. The Committee decided to defer the appraisal of the project.

In the present meeting the Proponent remained absent without intimation. The Committee after discussion decided to give one more opportunity to Proponent and decided to defer the proposal.

Action: Member Secretary, SEAC to put up before SEAC until for upcoming meetings

#### DEIAA proposals for re-appraisal as per MoEF&CC OM 28.04.2023

322.1.1Pink Granite Quarry Project at Sy.Nos.47/6 & 47/7 of Kadur Village, Kushtagi Taluk, Koppal District (2-03 Acres) by Sri Sidramappa Sangappa Channappanavar – Online Proposal No.SIA/KA/MIN/502183/2024(SEIAA 253 MIN 2024 (D))

Sl.No.	Particulars					Information Provided by Proponent
1	Name & Address of the Projects Proponent		Projects	Sri Sidramappa Sangappa Channappanavar		

2	Name &	Location of	the Project	Pink Granite Quarry Project at Sy.Nos. 47/6 & 47/7 of Kadur Village, Kushtagi Taluk, Koppal District (2-03 Acres)		
				15*59'12.8023"N	76°00'07.3272"E	
				15°59'12.8695"N	76°00'12.4068"E	
				15*59'14.7136"N	76°00'11.4032"E	
				15°59'14.6919"N	76°00'07.3540"E	
3	Type Of	Mineral		Pink Granite Quarry Proje	xt	
4	New/Exp	ansion/Mod	ification/Renewal	Re-appraisal		
5	Type of	Land [Fo	rest, Government	Patta		
	Revenue	, Gomal, Pr	ivate/Patta, Other]			
6	Area in A	Acres		2-03 Acres		
7	Annual	Production	(Metric Ton /	12,283 Cum/annum(including waste)(3,685 Cum -		
	Cum) Pe	r Annum		Recovery + 8,598 Cum – Waste)		
8	Project C	ost (Rs. In	Crores)	Rs. 1.38 Crores (Rs. 138 I	_akhs)	
9	Proved	Quantity o	f mine/ Quarry-	1,44,186Cum (including v	vaste)	
	Cu.m / Ton					
10	Permittee	l Quantity I	Per Annum - Cu.m	3,685Cum/annum recover	у	
	/ Ton					
11	CER Act	ivities:				
	Year	Согрога	nte Environmental Re	esponsibility (CER)		
	ıst	Providing :	iolar power panels to	the GHPS school at Kadur Vi	lage.	
	2nd	Rain water	harvesting pits to Ka	adur Village.		
	3rd	Avenue pla With drains	ntation either side o ages	of the approach road near Quarry site & Repair of road		
	4th	Conduc	ting E-waste drive ca			
	sth	Health	camp to the GHPS so	hool at Kadur Village.		
12	EMP Budget		Rs. 21.31 lakhs (Capital Cost) & Rs. 9.02 lakhs (Recurring cost)			
13	Quarry p	an	31.10.2023			
14	Cluster ce	rtificate	31.10.2023			
15	Forest NoC		20.03.2013			

The proposal is for appraisal / re-appraisal of the EC issued by DEIAA as per the directions of Hon'ble NGT in OA 142/2022 and MoEF&CC OM dated 28.04.2023.

The Proponent had submitted compliance to MoEF&CC OM dated 28.04.2023 and started that the procedure as per MoEF&CC OM with SoP dated 15.01.2024 has been followed.

As there is no change in proposed production & area with reference to EC issued by DEIAA on 24.03.2018, Proponent has submitted self certified compliance to the EC conditions and has submitted DMG certified audit report till 2023-24. The Committee noted the details.

As per the cluster sketch there are 16 leases in radius of 500 mtr from the said lease out of which 10 leases are exempted as leases were granted prior to 09.09.2013 and 3 leases are exempted as ECs were issued prior to 15.01.2016 and total area of remaning leases including the applied lease is 11-32Acres and hence the project is categorized as B2.

Considering the existing cart track road to a length of 147 meters connecting lease area to the allweather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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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 1,44,186 cum (including waste) and estimated the life of mine to be 12 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production 12,283 cum/annum (including waste), with following consideration,

1. To asphalt the approach road to the quarry as per IRC norms.

- 2. To grow trees all along the approach road & buffer zone during the first year of operation.
- 3. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
- 4. To take necessary measures to arrest noise and air pollution from the quarry area.
- 5. To provide metal sheet fencing around the working area.
- 6.To consider the CER activity submitted by Proponent with a recommendation to write to the concerned recipient about the CER activity.
- Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

#### 322.1.2 Building Stone (M-sand) Quarry Project at Sy.No.110 of Thylagere Village, Devanahalli Taluk, Bangalore Rural District (1-20 Acres) by Sri M.N. Siddalinga Devaru – Online Proposal No.SIA/KA/MIN/502503/2024(SEIAA 250 MIN 2024 (D))

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SLNA	Particulars	Information Provided by PP		
1	Name & Address of the Projects Proponent	Sri M.N Siddalinga Devaru		
2	Name & Location of the Project	Building Stone (M-sand) Quarry Project at Sy. No.110 of Thylagere Village, Devanahalli Taluk, Bangalore Rural District (1-20 Acres) $enps = enps = nerve for of sheet struct fora = 4 \pm 10^{\circ} M \cdot 3^{\circ} E = 13^{\circ} 18^{\circ} 16 \cdot 9^{\circ} nerve forB = 4 \pm 10^{\circ} 21.5^{\circ} E = 13^{\circ} 18^{\circ} 13.5^{\circ} nerve forD = 4 \pm 10^{\circ} 21.5^{\circ} E = 13^{\circ} 18^{\circ} 13.5^{\circ} nerve forD = 4 \pm 10^{\circ} 21.5^{\circ} E = 15^{\circ} 18^{\circ} 13.5^{\circ} nerve forD = 4 \pm 10^{\circ} 20.8^{\circ} E = 15^{\circ} 18^{\circ} 13.5^{\circ} nerve forD = 4 \pm 10^{\circ} 20.8^{\circ} E = 15^{\circ} 18^{\circ} 13.5^{\circ} nerve forE = 4 \pm 10^{\circ} 17.5^{\circ} E = 13^{\circ} 18 + 16 - 1^{\circ} nerve for the structure f$		
		DATUM- Wens 84 + OR - 3		
3	Type Of Mineral	Building Stone Quarry		
4	New/Expansion/Modification/ Renewal	Re-appraisal		
5	Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other]	Gomal		
6	Area in Acres	1-20 Acres		
7	Annual Production (Metric Ton / Cum) Per Annum	75,088 Tonnes/annum (including waste)		
8	Project Cost (Rs. In Crores)	Rs. 1.11 Crores (Rs.111 Lakhs)		
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	4,05,372 Tonnes (including waste)		
10	Permitted Quantity Per Annum - Cu.m / Ton	73,586Tonnes/annum (excluding waste)		

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11	CER Ac	tivities:		
	Yea	Yea Corporate Environmental Responsibility (CER)		
	<b>r</b>			T
	1* Providing solar power panels to common public places to the GHPS school at Thylagere Vill		solar power panels to common public places to the GHPS school at Thylagere Village	pe
	2**	Scientific sup	port and awareness to local farmers to increase yield of crop and fodder	t
	3**	3 <sup>44</sup> Rain water harvesting pits to the GHPS school at Thylagere Village		T
	4th Conducting E-waste drive campaigns at Thylagere Village.		g E-waste drive compaigns at Thylagere Village.	T
	<u>5</u> **	Health ca	mp in the GHPS school at Thylagere Village.	t
12	EMP Bu	dget	Rs. 19.03 Lakhs (Capital Cost) & Rs.7.38 Lakhs (Recurring cost)	æ
13	Quarry p	lan	08.03.2024	
14	Cluster co	ertificate	18.10.2024	
15	Forest N	oC	23.09.2015	
16	Audit Report		15.10.2024	

The Committee initially noted the complaint received through mail from <u>sonnappabhagyamma@gmail.com</u> on 10.11.2024 and sought clarification from Proponent & Consultant about Manjunatha Stone Crusher in Sy.No.110 of Thylagere.

The Proponent informed the Committee that even though their site is part of sy no 110 of Thylagere, their area is not inside any agricultural land designated for public grazing. The proposed area is more than 500m outside the Manjunath Stones Crusher site. As per the cluster sketch given by the Department of Mines and Geology M/s. Manjunath Stones Crusher is not part of our 500m cluster. Hence the project is far away from our location. The Lokayukhta Case and DC's court cases mentioned in the complaint is not pertaining to their lease. The Committee noted the details.

The Committee during appraisal noted that the co-ordinates of the proposed site area as per AQP and notification were different. Hence, the Committee after discussion decided to defer the proposal and informed the Proponent to get clarification from DMG regarding the same.

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

#### 322.1.3Building Stone Quarry Project at Sy.No.425/B1 of Ucchangidurga Village, Harapanahalli Taluk, Vijayanagara District (6.20 Acres) by M/s. Revana Siddeswara Stone Crusher- Online Proposal No.SIA/KA/MIN/500032/2024 (SEIAA 249 MIN 2024 (D)) About the project:

SLNo	Particulars	Information Provided by PP		
1	Name & Address of the Projects Proponent	M/s. Revana Siddeswara Stone Crusher		
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.425/B1 of Ucchangidurga Village, Harapanahalli Taluk, Vijayanagara District (6.20 Acres)		
		14º 33' 06.49187" 76º 02' 00.33565"		
		14º 33' 08.49709" 76º 02' 05.63221"		
		140 33' 02.22021" 76º 02' 05.55197"		
		14º 33' 00.77195" 76º 02' 01.65409"		
3	Type Of Mineral	Building Stone Quarry		
4	New/Expansion/Modification/ Renewal	Re-appraisal		
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government		
6	Area in Acres	6.20 Acres		
7	Annual Production (Metric Ton / Cum) Per Annum	1,12,371 Tonnes/annum (including waste)		

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8	Project Cost	(Rs. In Crores)	Rs. 1.80 Crores (Rs.180 Lakhs)	
9	Proved Quan	tity of mine/ Quarry- Cu.m /	10,48,238Tonnes (including waste)	
	Ton			
10	Permitted Qu	antity Per Annum - Cu.m / Ton	1,10,124Tonnes/annum (excluding waste)	
11	CER Activities:			
	Year8	Corporate Environmental	Responsibility (CER)	
	1#	Providing solar power panels t	to the GHPS school at Ucchangidurga Village.	
	204			
	3 <sup>ef</sup> Rain water harvesting pits to Ucchangidurga village.			
	<b>4</b> th	The proponent proposes to dis	stribute nursery plants at Ucchangidurga village	
		& Strengthening of approach r		
	3	meanth camp in the Grie's scho	oi at ucchangourga village.	
12	EMP Budget	Rs. 37.54 Lakhs (Ca	pital Cost) & Rs. 8.03 Lakhs (Recurring cost)	
13	Quarry plan 22.09.2016			
14	Cluster certificate 14.11.2024			
15	Forest NoC 16.10.2015			

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

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

#### 322.1.4Building Stone Quarry Project at Sy.No.6 of Halekote Village, Doddaballapura Taluk & Bangalore Rural District (1-33 Acres) (Q.L.No. 2617) by Sri G EarannaS/o Gsangatah – Online Proposal No.SIA/KA/MIN/501235/2024 (SEIAA 248 MIN 2024 (D))

SLNo	Particulars	Information Provided by PP		
1	Name & Address of the Projects Proponent	Sri G Earanna S/o Gsangatah		
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.6 of Halekote Village, Doddaballapura Taluk & Bangalore Rural District (2-00 Acres) (Q.L.No. 2617)		
		N 13° 21° 49.1"         E77° 25° 02.8"           N13° 21° 46.8"         E77° 25° 04.1"           N13° 21° 45.3"         E77° 25° 01.2"           N13° 21° 47.5"         E77° 25° 59.9"		
3	Type Of Mineral	Building Stone Quarry		
4	New/Expansion/Modification/ Renewal	Re-Appraisal		
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government		
6	Area in Acres	1-33 Acres		
7	Annual Production (Metric Ton / Cum) Per Annum	5,793 Tonnes/annum (including waste)		
8	Project Cost (Rs. In Crores)	Rs. 1.06 Crores (Rs.106 Lakhs)		
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	3,36,532 Tonnes (including waste)		
10	Permitted Quantity Per Annum - Cu.m / Ton	5,677 Tonnes/annum (excluding waste)		
	CER Activities:			

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	Yea	Corporate	Environmental Responsibility (CER)		
	1#	It     Providing solar power panels to common public places to the GHPS school at Halekote Village       2 <sup>nd</sup> Scientific support and awareness to local farmers to increase yield of crop and fodder			
	2**				
	3**	Rain water ha	rvesting pits to the GHPS school at Halekote Village		
	4*	Conductin	g E-waste drive campaigns at Halekote Village.		
	S <sup>m</sup>	Health can	np in the GHPS school at Halekote Village.		
12	EMP Bu	dget	Rs. 29.44 lakhs (Capital Cost) & Rs. 5.63 lakhs (Recurring cost)		
13	Quarry p	olan	13.08.2024		
14	Cluster c	ertificate	19.08.2024		
15	Forest N	юC	16.07.2015		
16	Audit Re	eport	13.08.2024		
17	DEIAA	AA EC 09.08.2018			

The proposal is for appraisal / re-appraisal of the EC issued by DEIAA as per the directions of Hon'ble NGT in OA 142/2022 and MoEF&CC OM dated 28.04.2023.

The Proponent had submitted compliance to MoEF&CC OM dated 28.04.2023 and started that the procedure as per MoEF&CC OM with SoP dated 15.01.2024 has been followed.

As there is no change in proposed production & area with reference to EC issued by DEIAA on 09.08.2018, Proponent has submitted self certified compliance to the EC conditions and has submitted DMG certified audit report till 2023-24. The Committee noted the details.

The Committee during appraisal sought details regarding the reduction in quarry area from 2-00 Acres mentioned in earlier EC to the present applied area of 1-33Acres. The Proponent informed the Committee that after survey and demarcation of the quarry area by DMG, an area of 7 Guntas was reduced and accordingly they had submitted modified AQP dated 13.08.2024 for 1-33 Acres. The Committee noted the details.

As per the cluster sketch there are 2 leases in a radius of 500 mtr from the said lease and total area of all the leases including the applied lease is 8-38Acres and hence the project is categorized as B2.

Considering the existing cart track road to a length of 358meters connecting lease area to the allweather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry and the road connecting the crusher as per IRC standard norms and should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

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

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan, with proved mineable reserve of 3,36,532 Tones (including waste) and estimated the life of mine to be co-terminus with lease period.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production 5,793 Tonnes/annum (including waste), with following consideration,

1. To asphalt the approach road to the quarry and the road connecting the crusher as per IRC norms.



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- 2. To grow trees all along the approach road & buffer zone during the first year of operation.
- 3. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
- 4. To take necessary measures to arrest noise and air pollution from the quarry area.
- 5. To provide metal sheet fencing around the working area.
- 6.To consider the CER activity submitted by Proponent with a recommendation to write to the concerned recipient about the CER activity.
- Action: Member Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

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